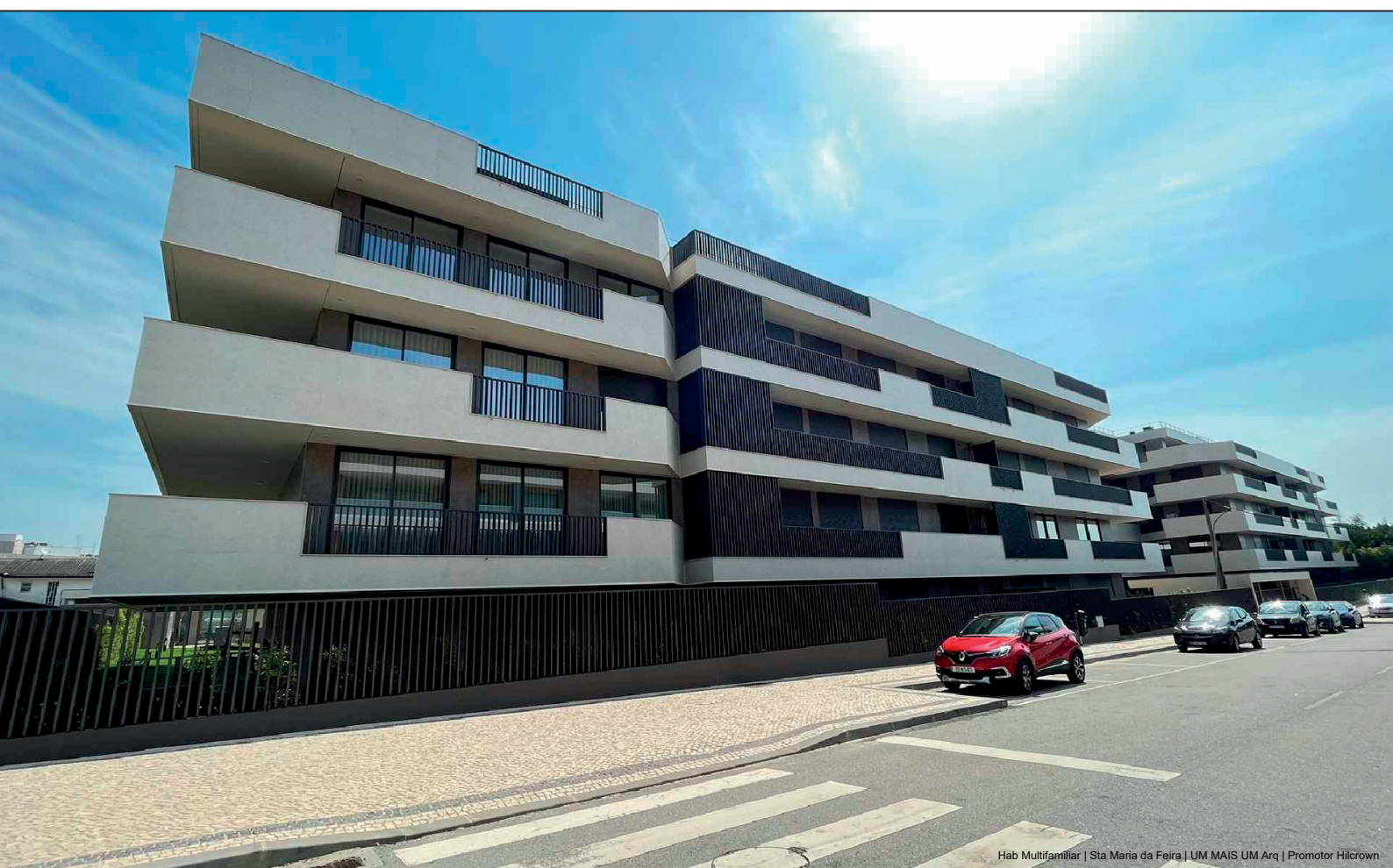


# JT

sistema de correr com corte térmico  
sliding system with thermal break  
système coulissant à rupture de pont thermique



Hab Multifamiliar | Sta Maria da Feira | UM MAIS UM Arq | Promotor Hicrown

## CATÁLOGO TÉCNICO

TECHNICAL CATALOG | CATALOGUE TECHNIQUE



SISTEMAS  
**EURO 2000**®  
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA

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**sistema de correr com corte térmico**  
**sliding system with thermal break**  
**système coulissant à rupture de pont thermique**



O sistema de correr JT é um sistema versátil, robusto e seguro, que permite a aplicação em vãos de maiores dimensões, compatível com tipologias de 1 a 8 folhas, em sistemas de 2, 3 ou 4 rails, soluções de canto e de embutir. De linhas simples e menores vistas de alumínio, este sistema perimetral com corte térmico vai ao encontro das atuais tendências arquitetónicas. Este sistema está também preparado para trabalhar em conjunto com o sistema de batente IT e redes mosquiteiras.

The JT system is a versatile, robust and secure system, which allows the appliance of larger frames, compatible with 1 to 8 sashes typologies, in systems of 2, 3 or 4 rails, corner solutions and pocket. With simple lines and smaller aluminum views, this perimeter system with thermal break meets the actual architectural trends. This system is also prepared to work with the IT opening system and mosquito nets.

Le système coulissant JT est un système polyvalent, robuste et sûr, qui permet une utilisation dans des portées plus importantes, compatibles avec des typologies allant de 2 à 8 vantaux, dans des systèmes à 2, 3 ou 4 rails et solutions d'angle. Avec ses lignes simples et ses vues en aluminium plus étroites, ce système périmétral à rupture de pont thermique répond aux tendances architecturales actuelles. Ce système est également préparé pour fonctionner avec le système de battant IT et les moustiquaires.

**APRESENTAÇÃO**

PRESENTATION | PRÉSENTATION

Reta | Straight | Droite

**DIMENSÕES**

DIMENSIONS | DIMENSIONS

Aro fixo | Fixed frame | Cadres dormant: 2Rail: 75mm | 96mm | 108mm | 117mm | 152mm  
3Rail: 152mm | 164mm  
4Rail: 220mm | 228mm  
Aro móvel | Mobile frame | Cadres ouvrants: 40mm | 44mm

**ENCHIMENTO**

FILLING | REEMPLISSAGE

De 28 a 34mm | From 28 to 34mm | De 28 à 34mm

**CORTES**

CUTS | COUPES

45° | 90°

**VEDAÇÃO**

INSULATION | ÉTANCHÉITE

Juntas em EPDM | EPDM joints | Joints en EPDM  
Pelúcias STOP-FIN | STOP-FIN brushes | Joints brosse STOP-FIN

**POLIAMIDA**

POLYAMIDE | BARRETES

14mm | 24mm | 30mm | 36mm | 38mm | 40mm

**UNIÕES**

JOINTS | UNIONS

Esquadros de bloqueio | Corner cleats | Équerres d'angle: 9,5mm | 20,5mm

**ABERTURAS**

OPENINGS | OUVERTURES

2Rail: 1, 2, 3 ou | or | ou 4 folhas | sashes | vantaux  
3Rail: 3 ou | or | ou 6 folhas | sashes | vantaux  
4Rail: 4 ou | or | ou 8 folhas | sashes | vantaux

**PESO MÁXIMO**

MAXIMUM WEIGHT | POIDS MAXIMALE

280 Kg/folha | sash | vantail

**ÁREA MÁXIMA**

MAXIMUM AREA | AIRE MAXIMALE

4,50 m<sup>2</sup>/folha | sash | vantail

**LARGURA MÁXIMA**

MAXIMUM LENGTH | LARGEUR MAXIMALE

2,00 m/folha | sash | vantail

**ALTURA MÁXIMA**

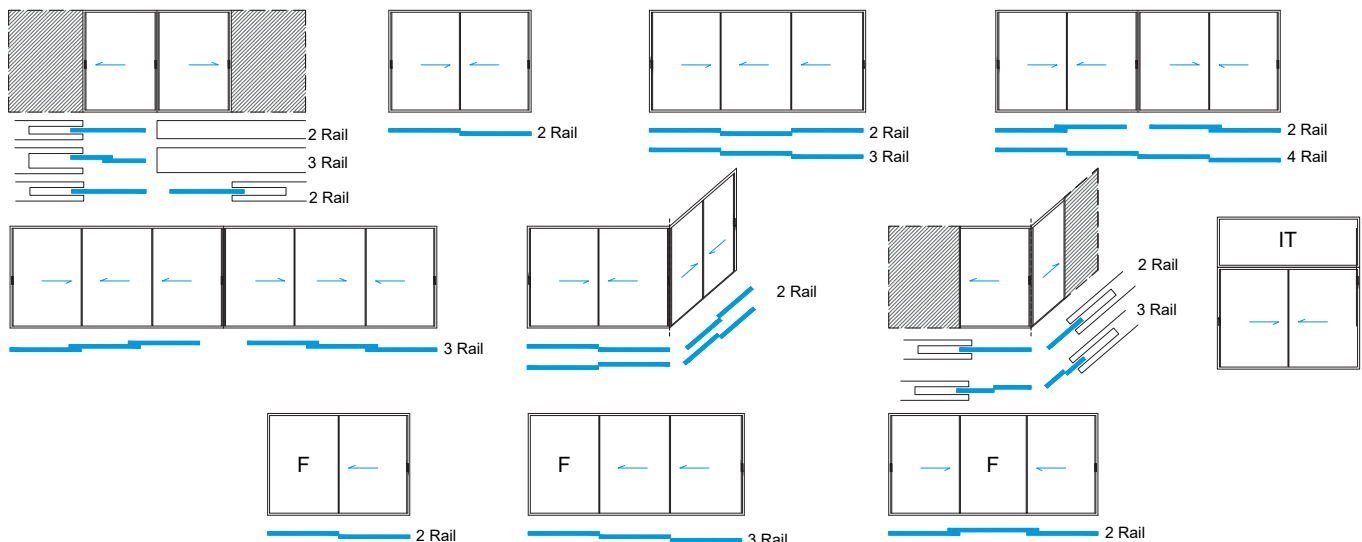
MAXIMUM HEIGHT | HAUTEUR MAXIMALE

3,00 m/folha | sash | vantail

**ACABAMENTOS**

FINISHES | FINITIONS

Lacados | Powder coated | Laqué  
Anodizados | Anodised | Anodisé  
Bicolores | Bicolour | Bicoloreur



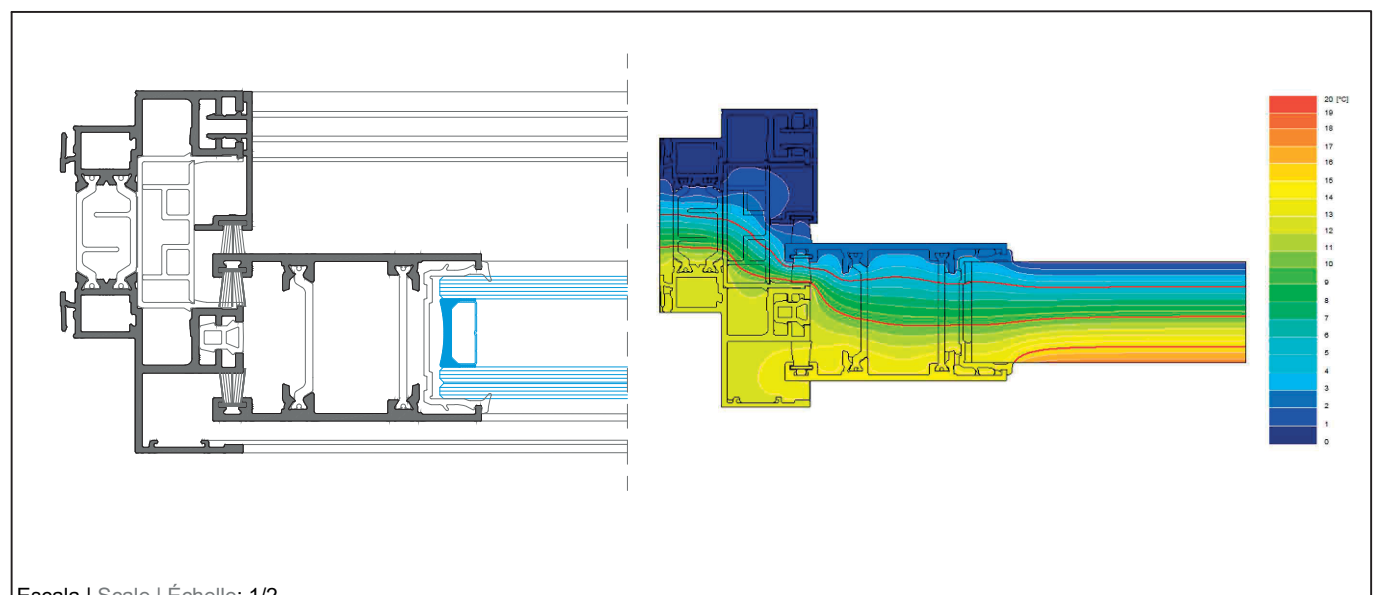
Todas as medidas são consideradas em mm, salvo as devidamente identificadas

All measurements are considered in mm, except those duly identified | Toutes les mesures sont considérées en mm saufs celles qui sont dûment identifiées.

# DESEMPENHO DO SISTEMA

system performance | performance du système

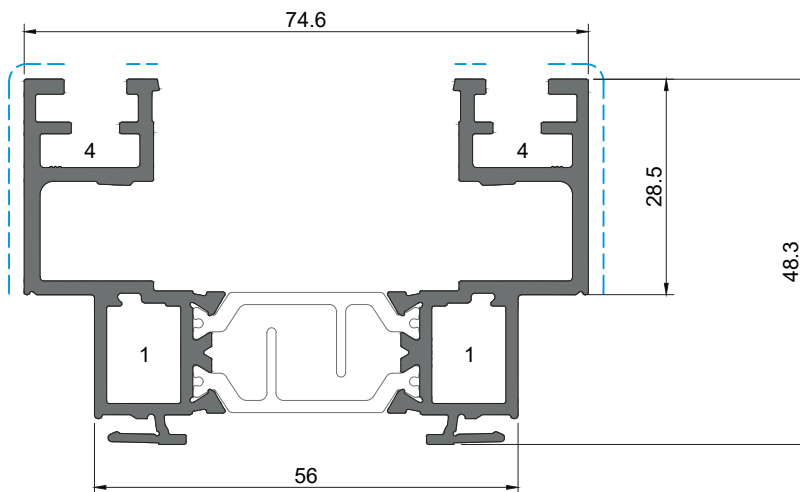
<p><b>Marcação CE</b> CE Marking Marquage CE NP EN 14351-1</p>	<p><b>Janela 2 folhas de correr com 2,405m x 2,295m (LxH)</b> <b>Vidro: 10 + 12 + 10</b> 2 Sliding sashes window with 2,405m x 2,295m (LxH) Glass: 10 + 12 + 10 Fenêtre coulissant 2 vantaux avec 2,405m x 2,295m (LxH) Verre: 10 + 12 + 10</p> <p>ENSAIO   TEST   ESSAIS CXL 79/20 [PT]   86/20 [EN]   87/20 [FR]</p>	<p><b>Janela 2 folhas de correr com 3,195m x 2,595m (LxH)</b> <b>Vidro: 10 (PVB 1,52) 8 (PVB 1,52) 10</b> 2 Sliding sashes window with 3,190m x 2,590m (LxH) Glass: 10 (PVB 1,52) 8 (PVB 1,52) 10 Fenêtre coulissant 2 vantaux avec 3,190m x 2,590m (LxH) Verre: 10 (PVB 1,52) 8 (PVB 1,52) 10</p> <p>ENSAIO   TEST   ESSAIS CXL 121/22 [PT]   124/22 [EN]   125/22 [FR]</p>	<p><b>Janela 1 folha de correr ext. + fixo com 3,190m x 2,590m (LxH)</b> <b>Vidro: 10 + 12 + 10</b> 1 Exterior sliding sash + fixed window with 3,190m x 2,590m (LxH) Glass: 10 + 12 + 10 Fenêtre coulissant 1 vantail ext. + fixe avec 3,190m x 2,590m (LxH) Verre: 10 + 12 + 10</p> <p>ENSAIO   TEST   ESSAIS CXL 120/22 [PT]   122/22 [EN]   123/22 [FR]</p>
<p>Permeabilidade ao AR AIR Permeability Permeabilité à l'AIR EN 12 207:2016</p>	3	4	4
<p>Estanquidade à ÁGUA WATER Tightness Étanchéité à l'EAU EN 12 208:1999</p>	7A	7A	7A
<p>Resistência ao VENTO WIND Resistance Résistance au VENT EN 12 210:2016</p>	C5	C3	B3
<p>Coef. Transm. TÉRMICA THERMAL Transmittance Coef. Transm. THERMIQUE UNE-ISO 13947:2005</p>	<p><b>Uw = 1,35 W/m²K</b> Vidro triplo   Triple glazing   Vitrage triple Ug = 0,80 W/m²K Janela de 2 folhas com   2 Sashes window with   Fenêtre de 2 vantaux avec 2,4m x 2,3m (LxH)</p> <p><b>Uw = 1,44 W/m²K</b> Vidro duplo   Double glazing   Vitrage double Ug = 1,00 W/m²K Janela de 2 folhas com   2 Sashes window with   Fenêtre de 2 vantaux avec 3,1m x 2,5m (LxH)</p>		
<p>Isolamento ACÚSTICO ACOUSTIC Insulation Isolation ACOUSTIQUE NP EN 14351-1:2008 - Anexo B</p>	<p><b>Rw = 37 dB</b> Rw (IGU) = 47 dB, área   area ≤ 2,70m² ENSAIO   TEST   ESSAIS ACL 055/21</p>		



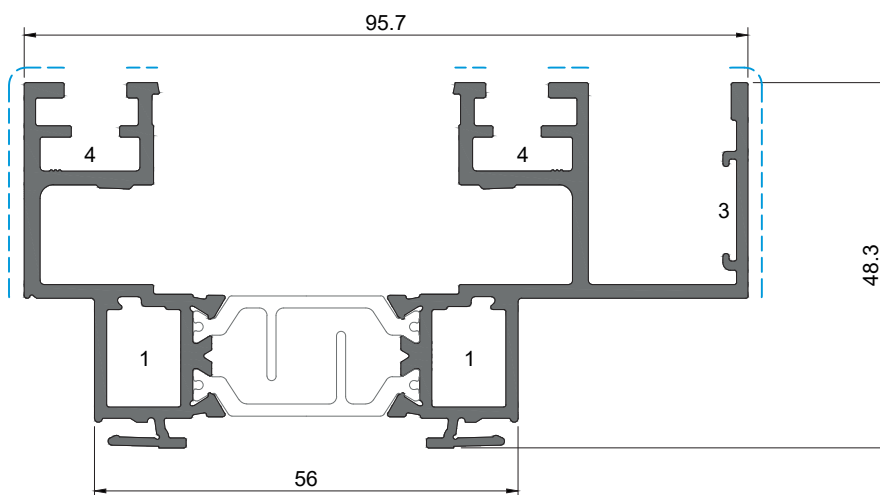
Escala | Scale | Échelle: 1/2



**LISTAGEM DE PERFIS**  
**PROFILES LIST | LISTE DES PROFILÉS**



**JT 01**  
Aro fixo FR 2rail  
2rail FR fixed frame | Cadre dormant FR 2rail

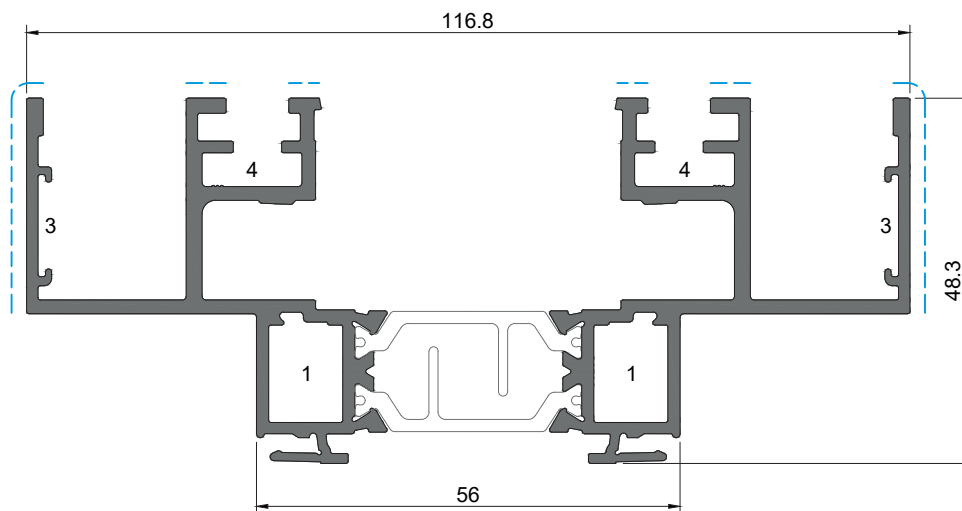


**JT 02**  
Aro fixo FR 2rail  
2rail FR fixed frame | Cadre dormant FR 2rail

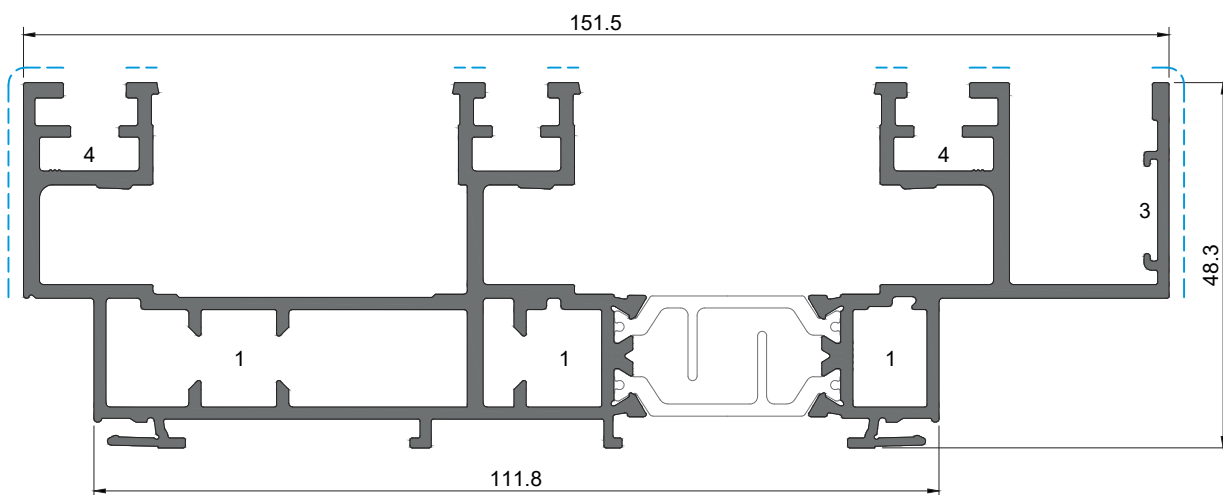
Treatmento de superficie | Surface treatment | Traitement de surface  
PB | PPM | EF | EM  
PB | PPM | EF | EM  
Para mais informações, consultar Catálogo de Cores Anodizadas  
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT



**JT 04**  
Aro fixo FR 2rail  
2rail FR fixed frame | Cadre dormant FR 2rail



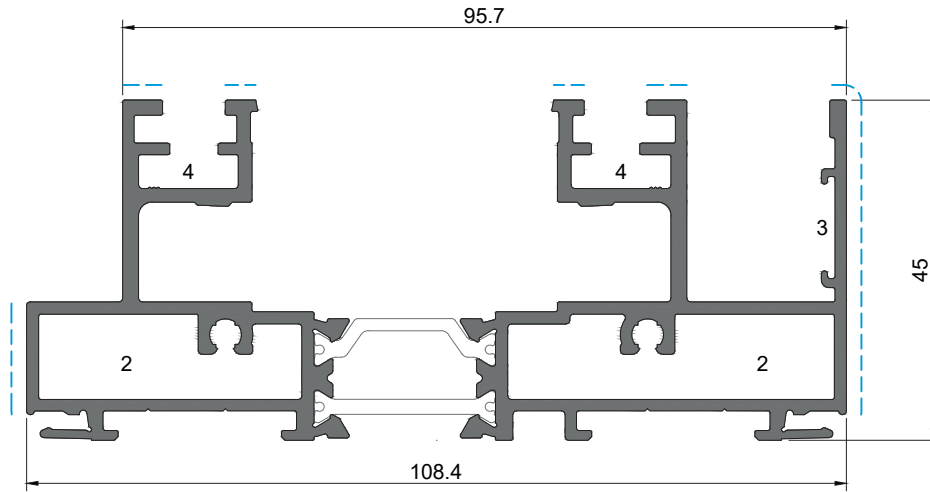
**JT 03**  
Aro fixo FR 3rail  
3rail FR fixed frame | Cadre dormant FR 3rail

Treatmento de superficie | Surface treatment | Traitement de surface  
PB | PM | EF | EM  
PB | TEF | TEM  
Para mais informações, consultar Catálogo de Cores Anodizadas  
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

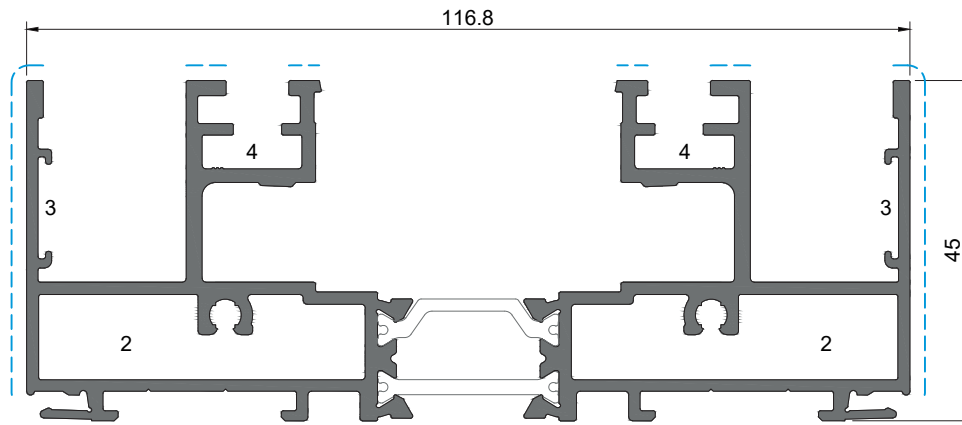
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT

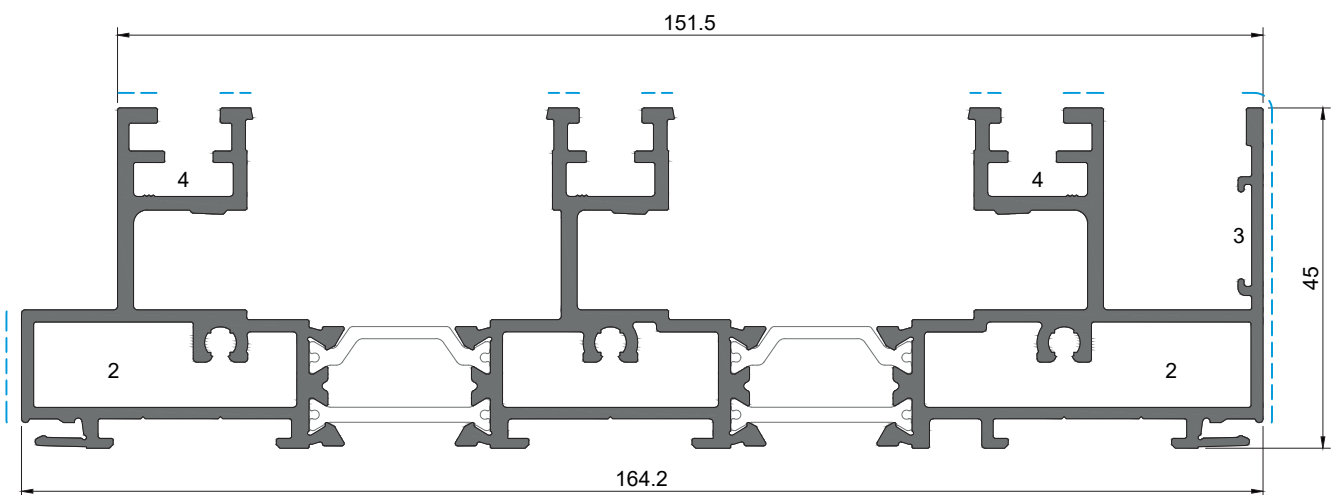
LINHA PT | PT LINE | LIGNE PT



**JT 12**  
Aro fixo PT/90° 2rail  
2rail PT/90° fixed frame | Cadre dormant PT/90° 2rail



**JT 14**  
Aro fixo PT/90° 2rail  
2rail PT/90° fixed frame | Cadre dormant PT/90° 2rail



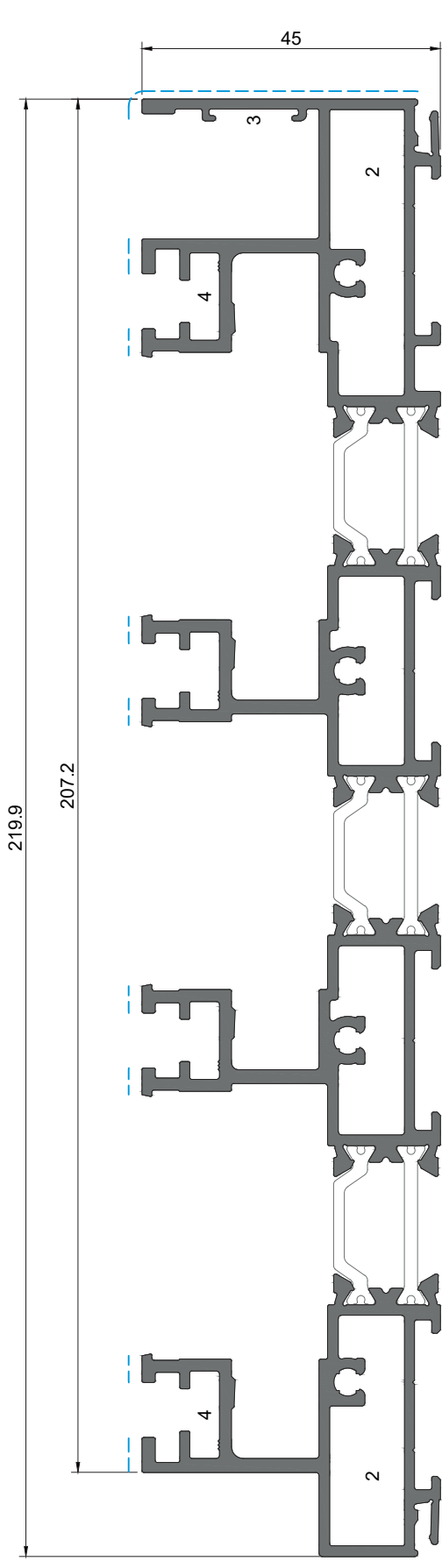
**JT 13**  
Aro fixo PT/90° 3rail  
3rail PT/90° fixed frame | Cadre dormant PT/90° 3rail

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT

Treatmento de superficie | Surface treatment | Traitement de surface  
PB | PFM | EFM | EFM  
Para mais informações, consultar Catálogo de Cores Anodizadas  
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

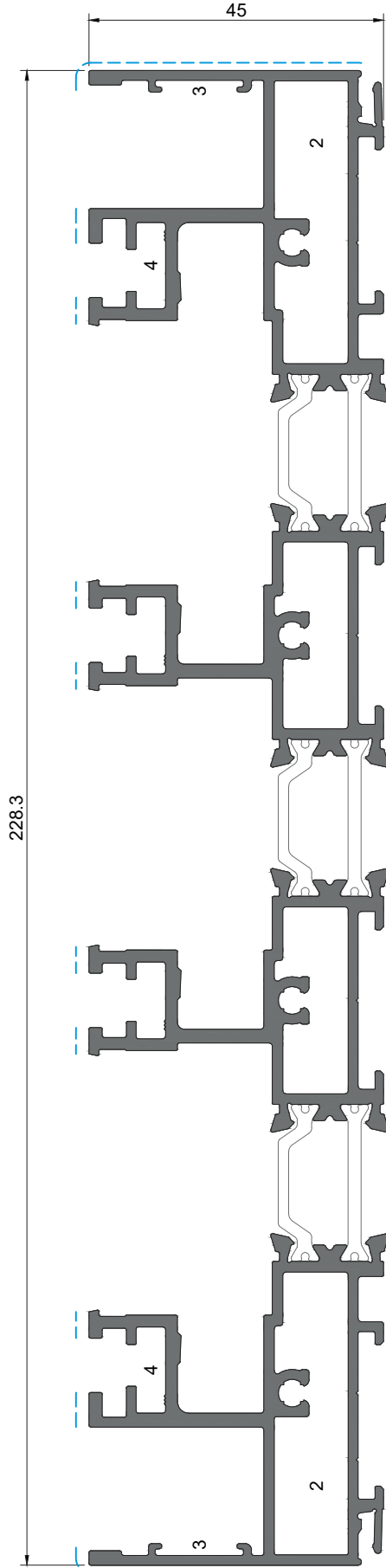




**JT 33**

Aro fixo PT/90° 4rail

4rail PT/90° fixed frame | Cadre dormant PT/90° 4rail



**JT 34**

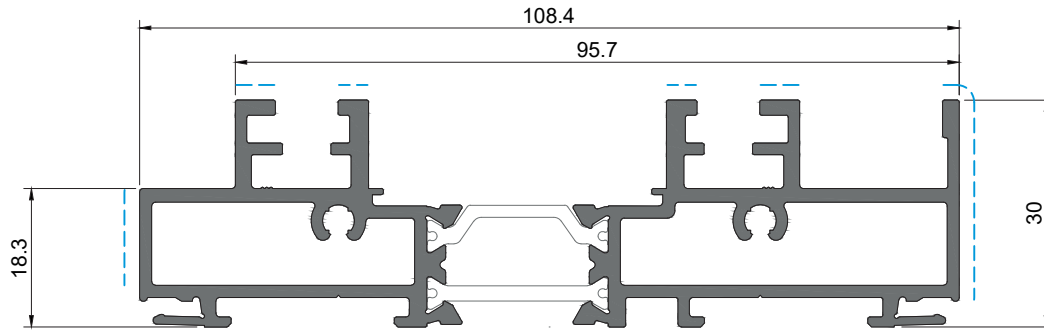
Aro fixo PT/90° 4rail

4rail PT/90° fixed frame | Cadre dormant PT/90° 4rail

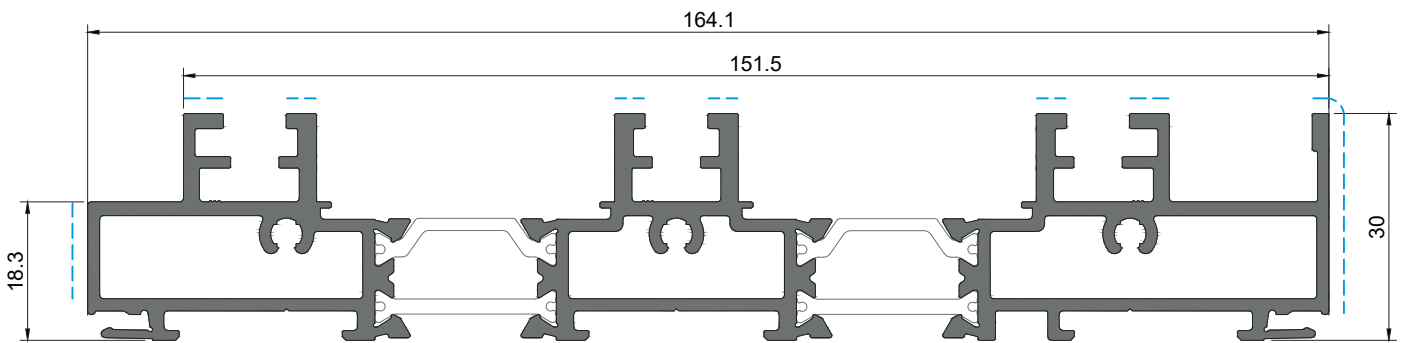
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT

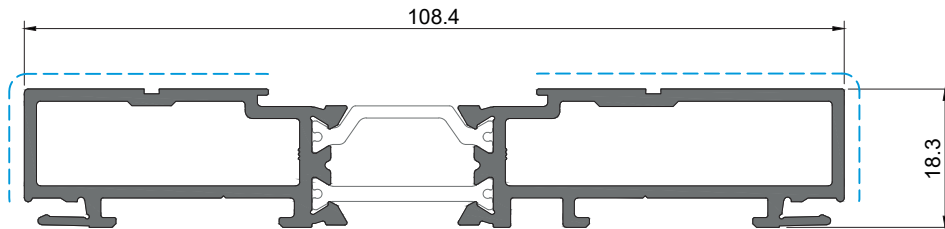
LINHA SOLEIRA 30MM | 30MM SILL LINE | LIGNE SEUIL 30MM



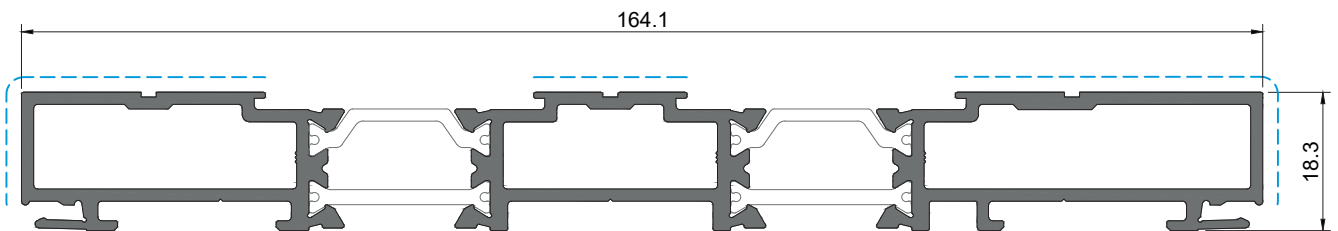
**JT 22**  
Soleira 30mm 90° 2rail  
2rail 30mm 90° sill | Seuil 30mm 90° 2rail



**JT 23**  
Soleira 30mm 90° 3rail  
3rail 30mm 90° sill | Seuil 30mm 90° 3rail



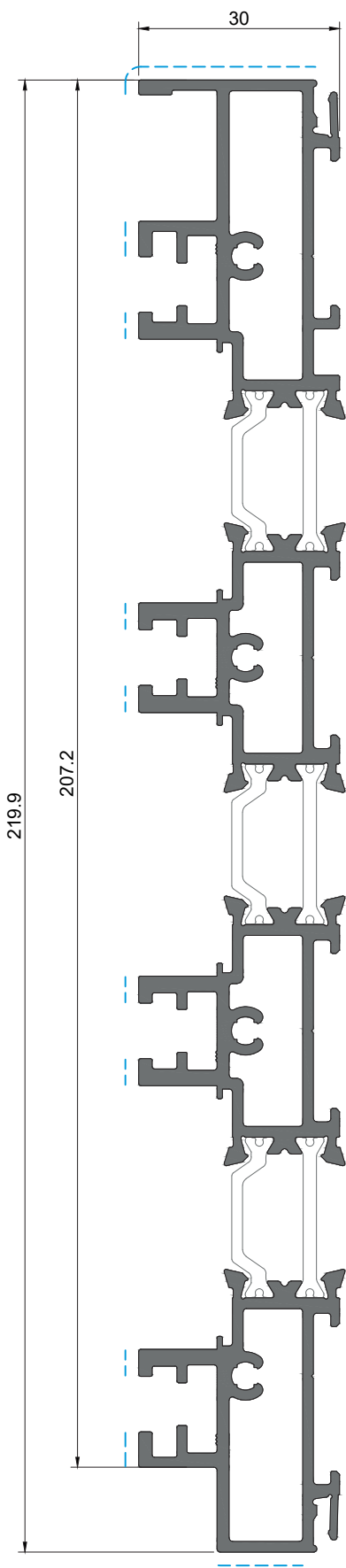
**JT 18**  
Ombreira 90° 2rail  
2rail 90° jamb | Jambage 90° 2rail



**JT 28**  
Ombreira 90° 3rail  
3rail 90° jamb | Jambage 90° 3rail

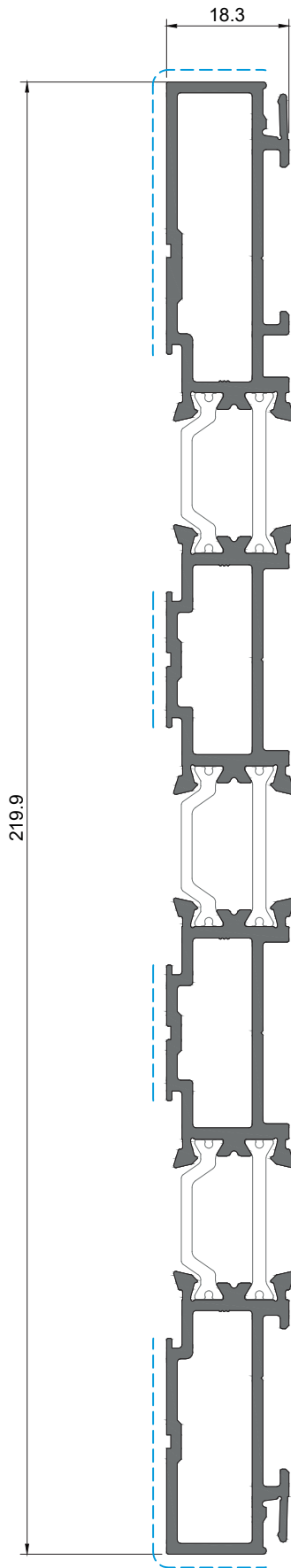
Treatment de superficie | Surface treatment | Traitement de surface  
PB | PM | EF | EM  
PB | PM | EF | EM  
Para mais informações, consultar Catálogo de Cores Anodizadas  
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

LINHA SOLEIRA 30MM | 30MM SILL LINE | LIGNE SEUIL 30MM



**JT 43**

Soleira 30mm 90° 4rail  
4rail 30mm 90° sill | Seuil 30mm 90° 4rail

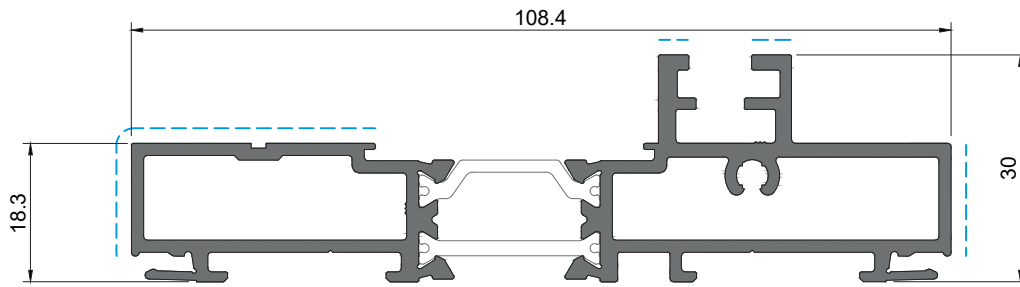


**JT 38**

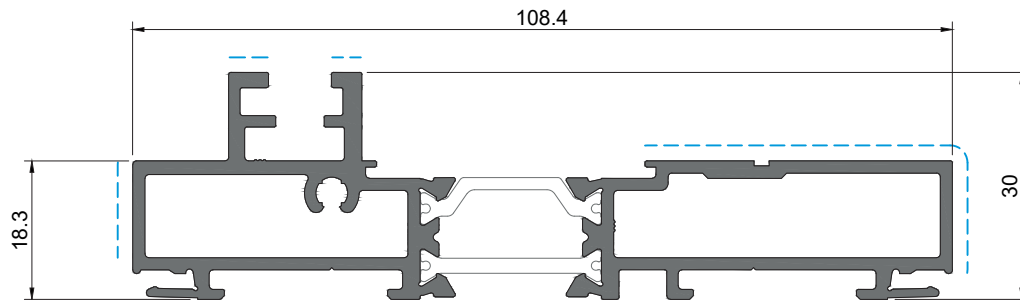
Ombreira 90° 4rail  
4rail 90° jamb | Jambage 90° 4rail

Treatmento de superficie | Surface treatment | Traitement de surface  
PB | PM | EF | EM  
PB | EF | EM  
Para mais informações, consultar Catálogo de Cores Anodizadas  
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

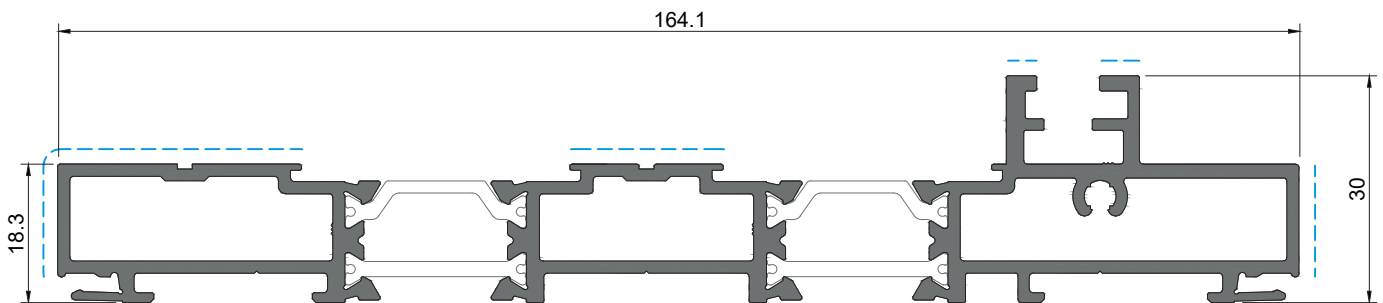
LINHA SOLEIRA 30MM | 30MM SILL LINE | LIGNE SEUIL 30MM



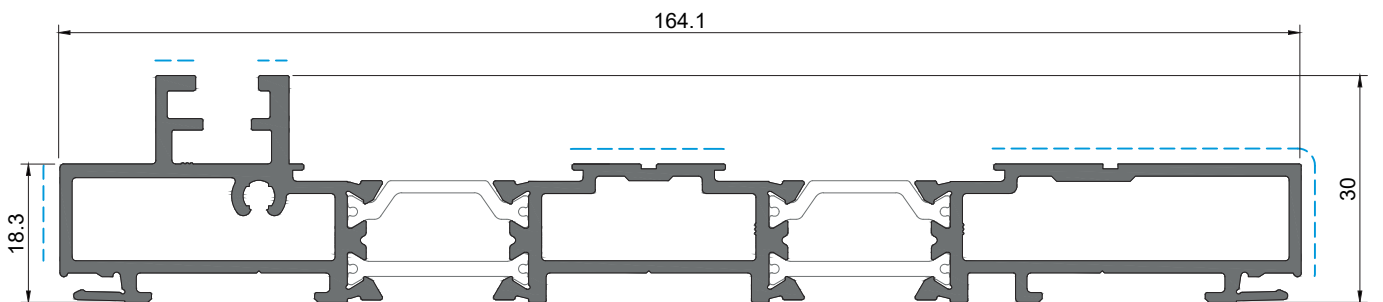
**JT 17**  
Ombreira 90° 2rail  
2rail 90° jamb | Jambage 90° 2rail



**JT 19**  
Ombreira 90° 2rail  
2rail 90° jamb | Jambage 90° 2rail



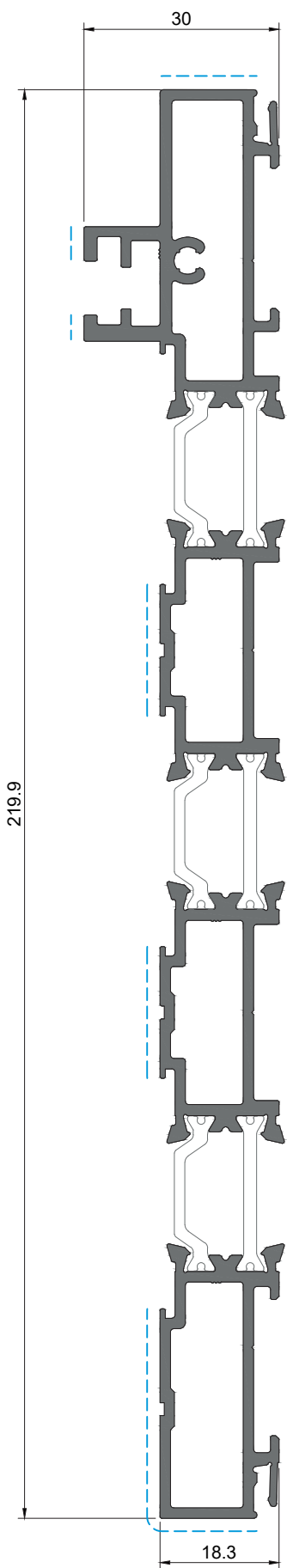
**JT 27**  
Ombreira 90° 3rail  
3rail 90° jamb | Jambage 90° 3rail



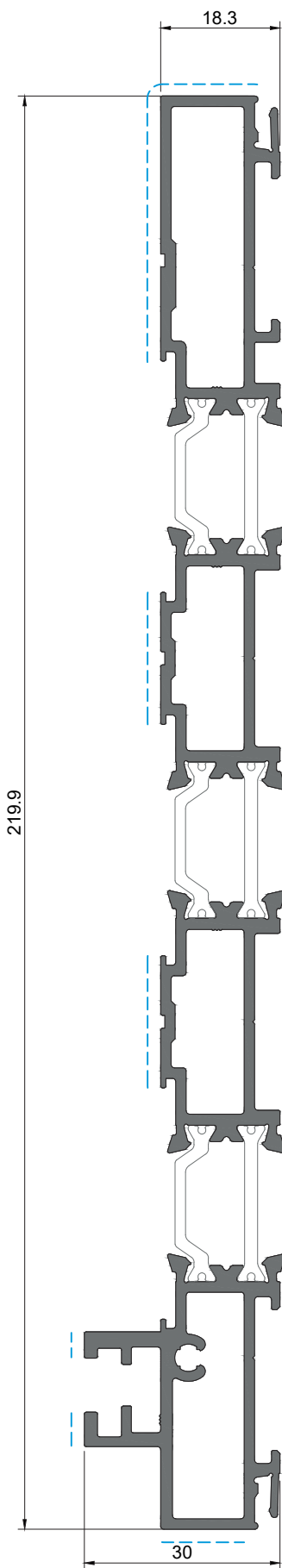
**JT 29**  
Ombreira 90° 3rail  
3rail 90° jamb | Jambage 90° 3rail

Tratamento de superfície | Surface treatment | Traitement de surface  
 PB | PM | EF | EM      PB | EF | EM  
 Para mais informações, consultar Catálogo de Cores Anodizadas  
 For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

LINHA SOLEIRA 30MM | 30MM SILL LINE | LIGNE SEUIL 30MM

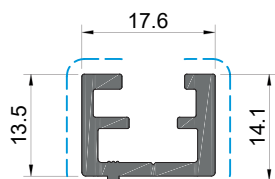


**JT 37**  
Ombreira 90° 4rail  
4rail 90° jamb | Jambage 90° 4rail



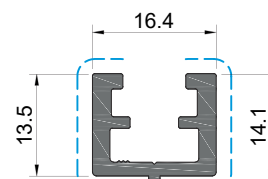
**JT 39**  
Ombreira 90° 4rail  
4rail 90° jamb | Jambage 90° 4rail

Treatmento de superficie | Surface treatment | Traitement de surface  
PB | PM | EF | EM  
Para mais informações, consultar [Catálogo de Cores Anodizadas](#)  
For further information, consult the [Anodised Colours Catalogue](#) | Pour plus d'informations, veuillez consulter le [Catalogue des Couleurs Anodisées](#)



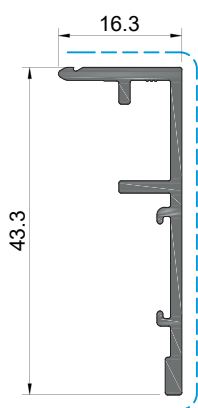
**JT 78**

Guia da ombreira 90°  
90° Jamb guide profile | Guide pour jambage 90°  
**Rails interior e exterior**  
Inside and outside rails | Rails intérieur et extérieur



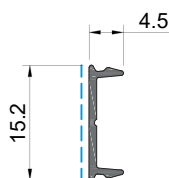
**JT 79**

Guia da ombreira 90°  
90° Jamb guide profile | Guide pour jambage 90°  
**Rail central**  
Central rail | Rail central



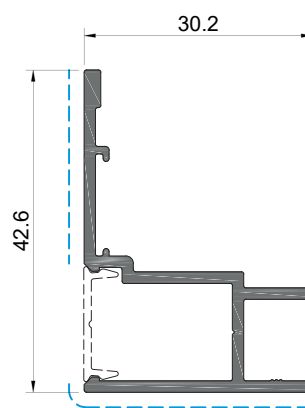
**JT 82**

Perfil pingadeira  
Drip profile | Larmier



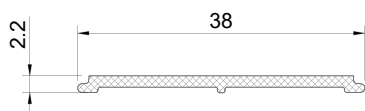
**AT 30**

Capa  
Cover | Capot



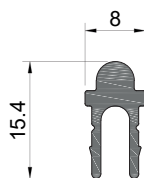
**JT 83**

Perfil pingadeira  
Drip profile | Larmier



**JE 96**

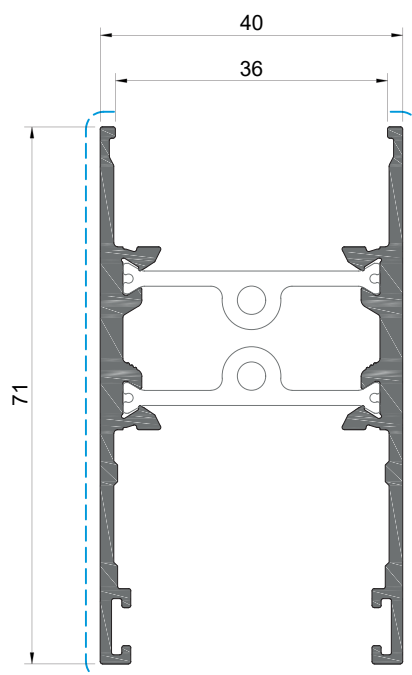
Perfil poliamida  
Polyamide profile | Profilé de polyamide



**JT 87**

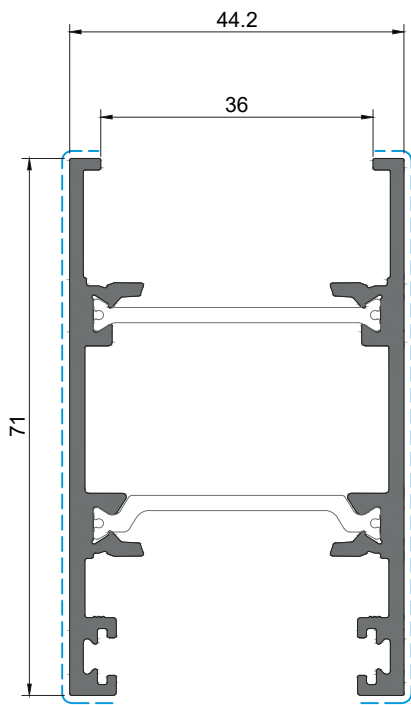
Guia  
Guide | Guide

Acabamentos: Anodizado natural ou preto  
Finishings: Natural or black anodised  
Finitions: Anodisé naturel ou noir

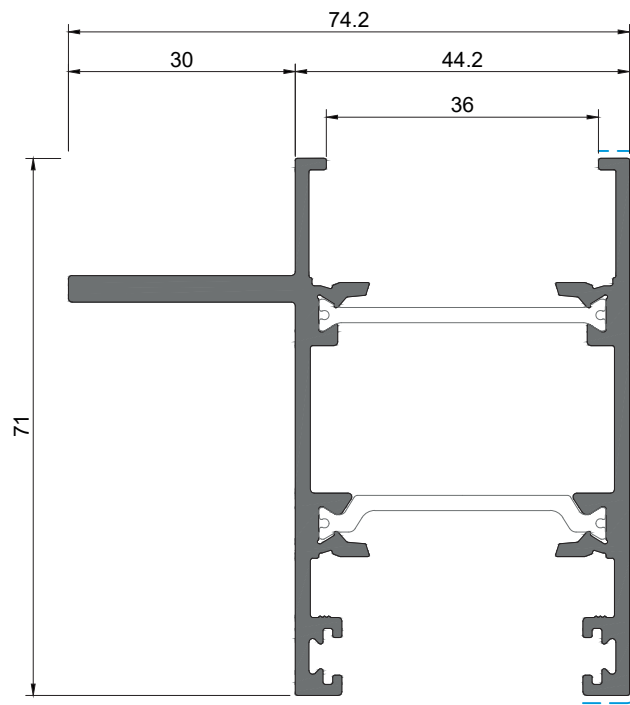


**JT 63**

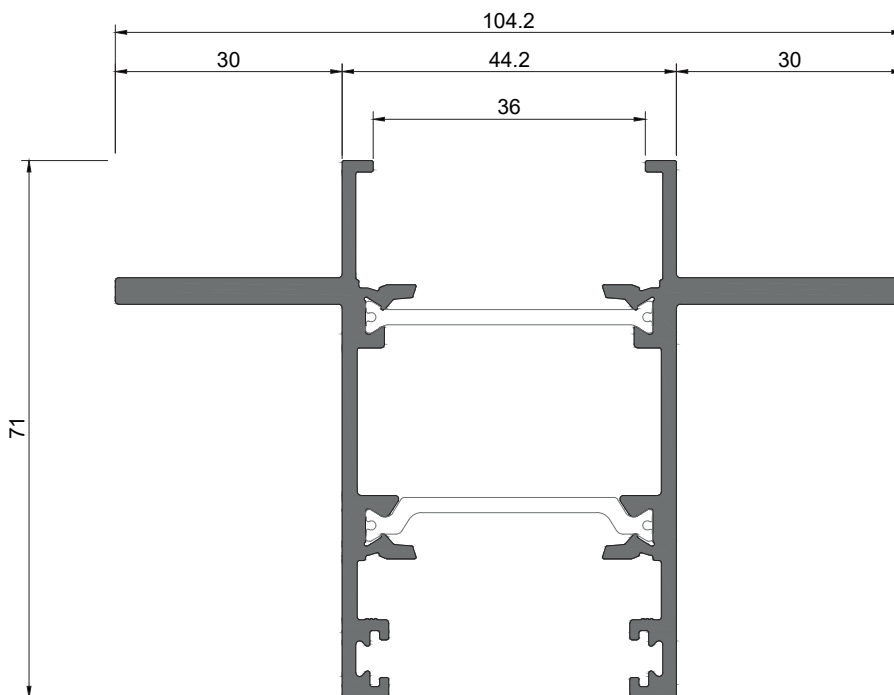
Travessa superior/inferior  
Upper/lower transom | Traverse supérieur/inférieur



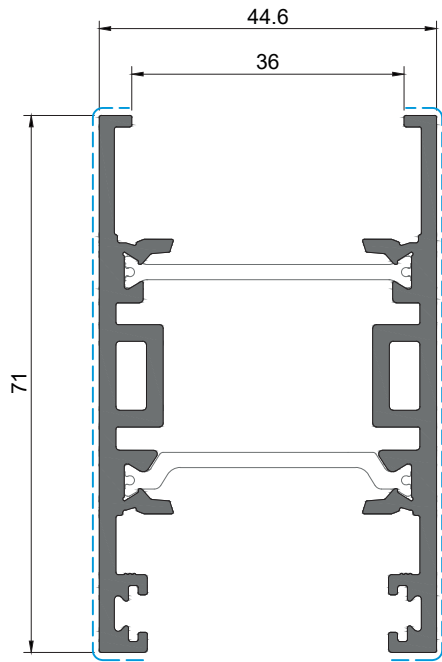
**JT 61**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Janelas)  
(Windows)  
(Fenêtres)



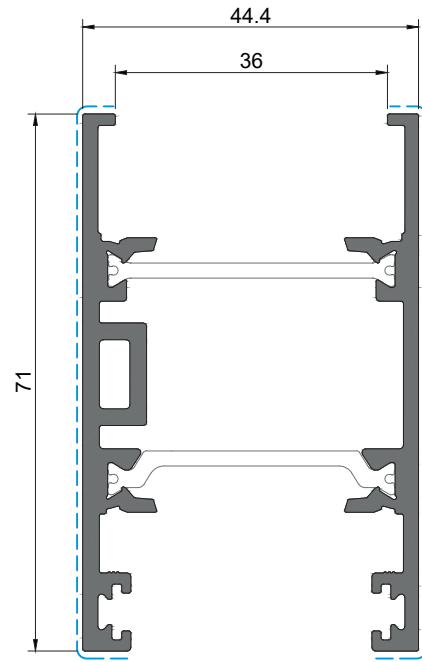
**JT 64**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Janelas/Sacadas)  
(Windows/Full height windows)  
(Fenêtres/Porte-fenêtres)



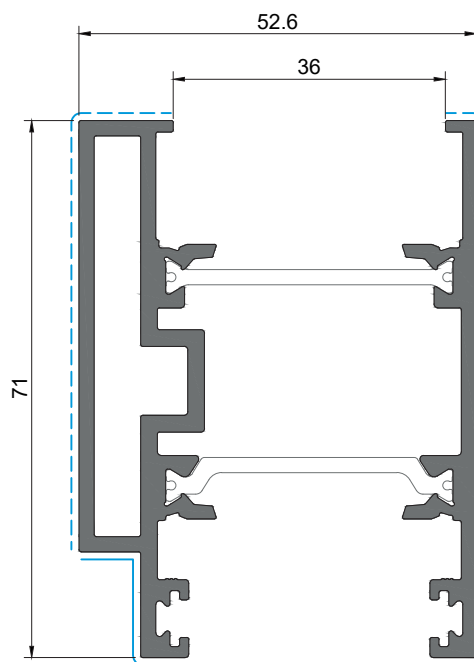
**JT 65**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Janelas/Sacadas)  
(Windows/Full height windows)  
(Fenêtres/Porte-fenêtres)



**JT 66**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Janelas/Sacadas)  
(Windows/Full height windows)  
(Fenêtres/Porte-fenêtres)

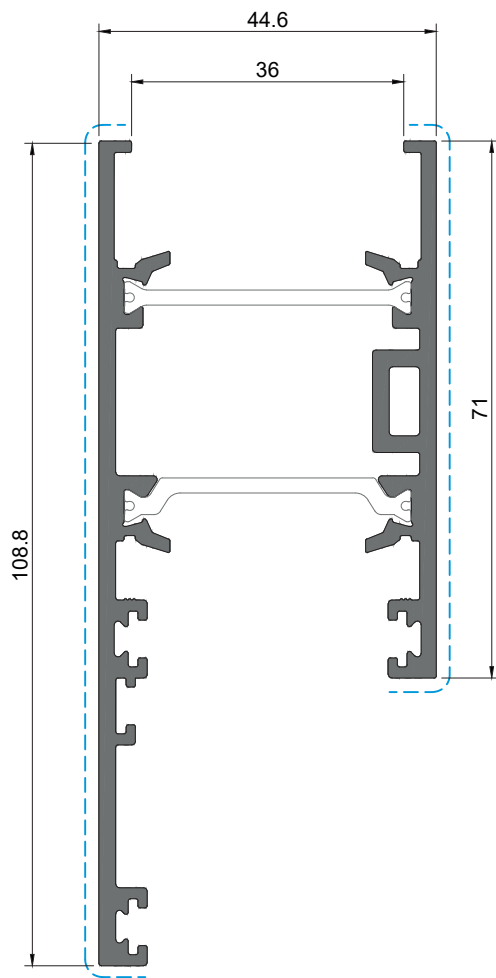


**JT 67**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Janelas/Sacadas)  
(Windows/Full height windows)  
(Fenêtres/Porte-fenêtres)

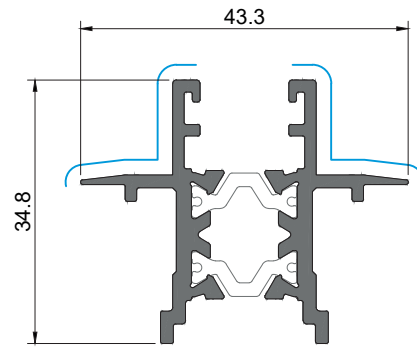


**JT 68**  
Perfil lateral  
Lateral profile | Profilé latéral  
(Sacadas)  
(Full height windows)  
(Porte-fenêtres)

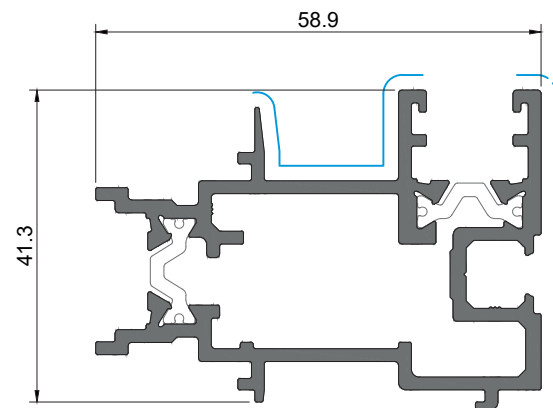




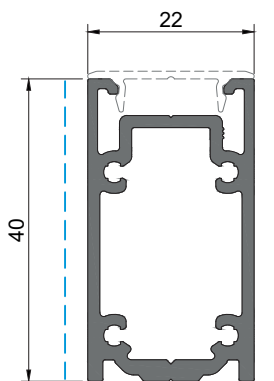
**JT 62**  
Perfil lateral canto 90°  
90° Corner lateral profile | Profilé latéral d'angle à 90°



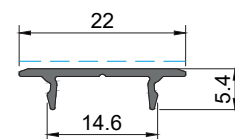
**JT 71**  
Perfil ligação central  
Central connecting profile | Profilé de liaison centrale



**JT 72**  
Perfil ligação canto 90°  
90° Corner connection profile | Profilé de liaison d'angle à 90°

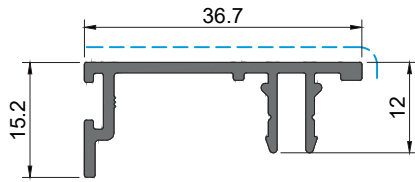


**JE 35**  
Perfil de reforço/puxador  
Reinforcement profile/handle | Profilé de renforcement/poignée

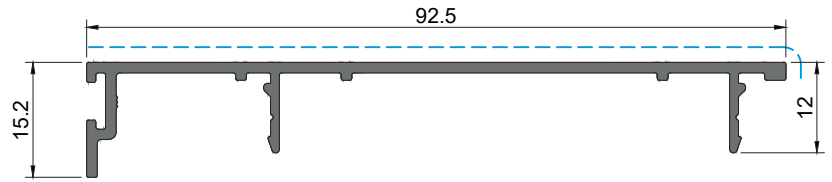


**OS 30**  
Tampa  
Cover | Capot

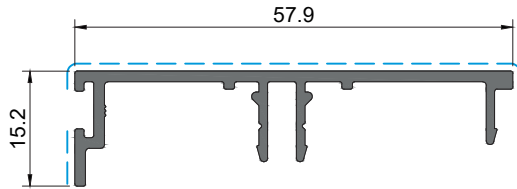




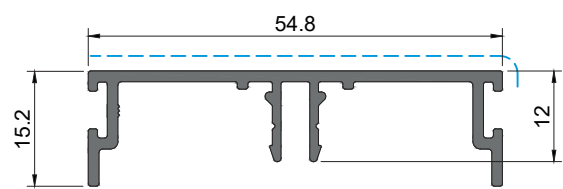
**JT 85**  
Capa  
Cover | Capot



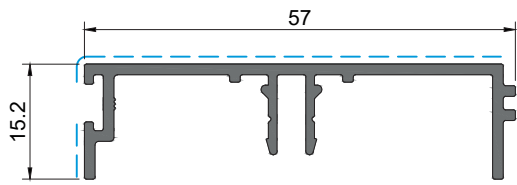
**JT 88**  
Capa  
Cover | Capot



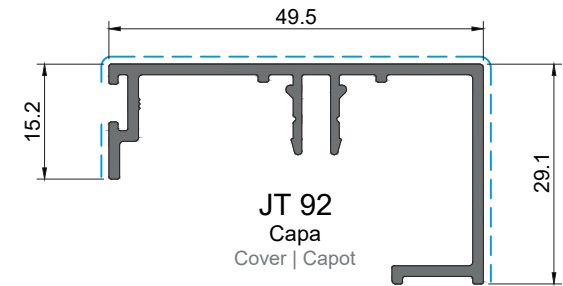
**JT 90**  
Capa  
Cover | Capot



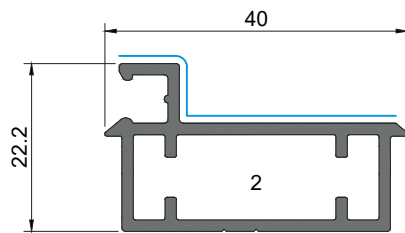
**JT 86**  
Capa  
Cover | Capot



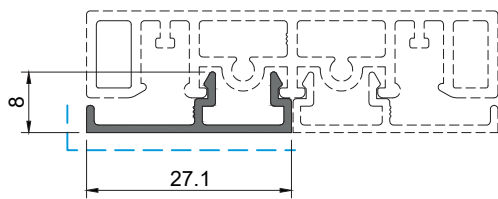
**JT 91**  
Capa  
Cover | Capot



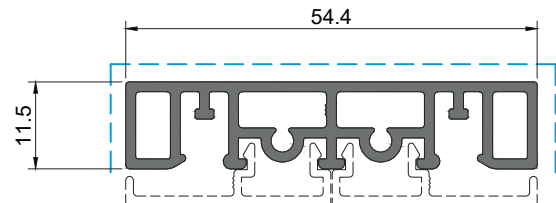
**JT 92**  
Capa  
Cover | Capot



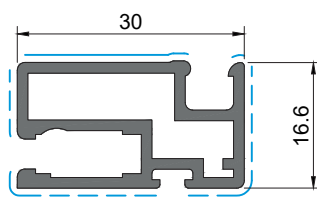
**JT 47**  
Perfil para mosquiteira  
Mosquito net profile | Profilé pour mosquiteira



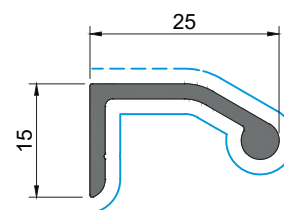
**KY 87**  
Tampa travessa rede mosquiteira  
Mosquito net transom cover | Bouchon pour traverse pour mosquiteira



**KY 89**  
Travessa central rede mosquiteira  
Mosquito net central transom | Traverse centrale pour mosquiteira



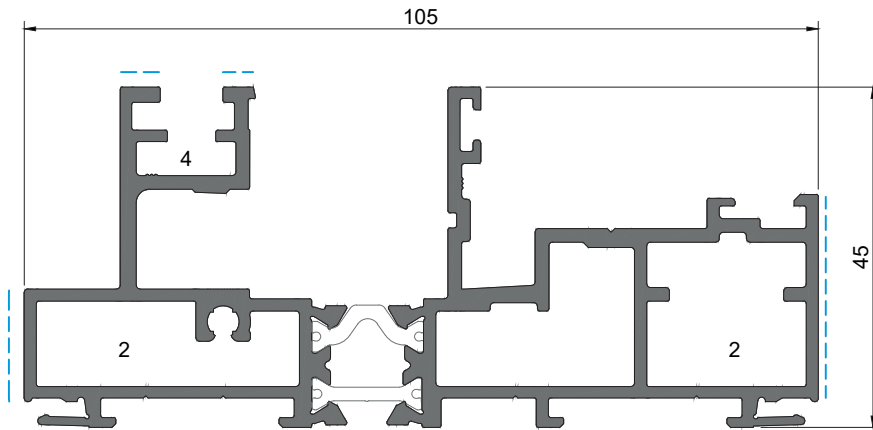
**KY 88**  
Aro móvel mosquiteira  
Mosquito net mobile frame | Cadre ouvrant mosquiteira



**TR 81**  
Puxador mosquiteira  
Mosquito net handle | Poignée mosquiteira

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

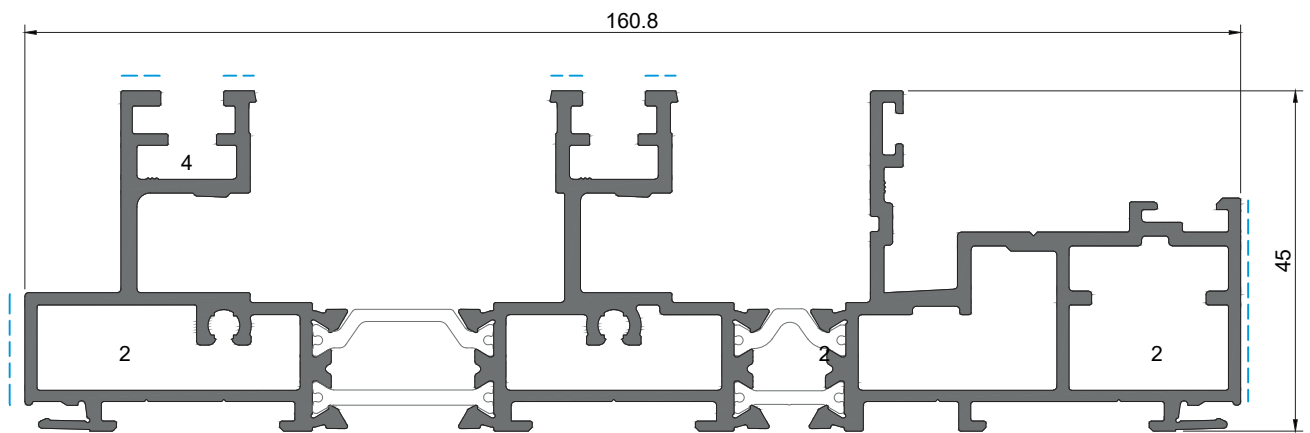
2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT



**JT 15**

Aro para tipologias fixas 2rail

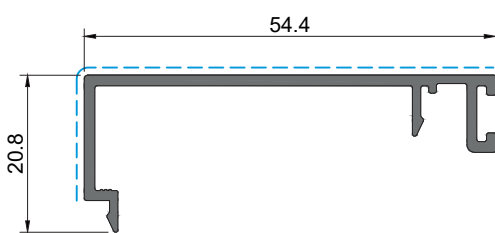
2rail fixed typologies frame | Cadre dormant pour typologies fixes 2rail



**JT 25**

Aro para tipologias fixas 3rail

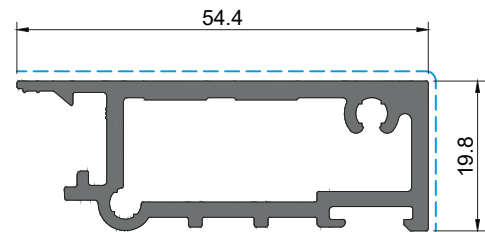
3rail fixed typologies frame | Cadre dormant pour typologies fixes 3rail



**JT 89**

Capa

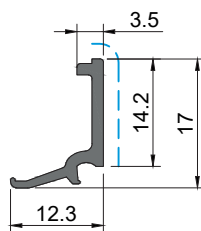
Cover | Capot



**JT 94**

Perfil montante para tipologias fixas

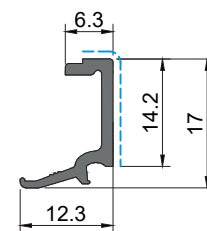
Mullion profile for fixed typologies | Profilé de meneau pour typologies fixes



**JE 95**

Bite

Bead | Parclose



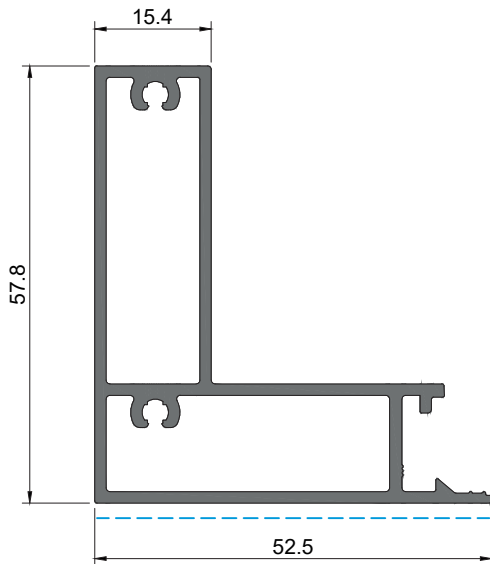
**JE 97**

Bite

Bead | Parclose

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT  
3 - CANTO | CORNER | ANGLE CR S/SB

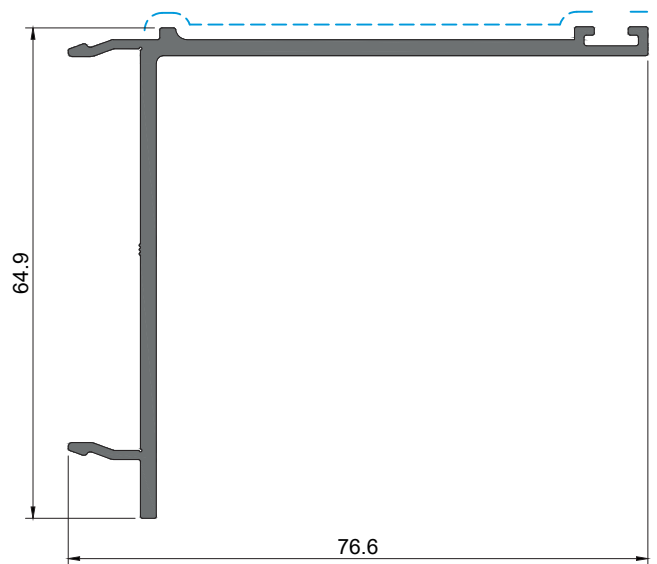
2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 11x20.5 JT  
4 - CANTO ALINHAMENTO | ALIGNMENT CORNER | ANGLE D'ALIGNEMENT JT



**JT 93**

Perfil montante para solução de embutir

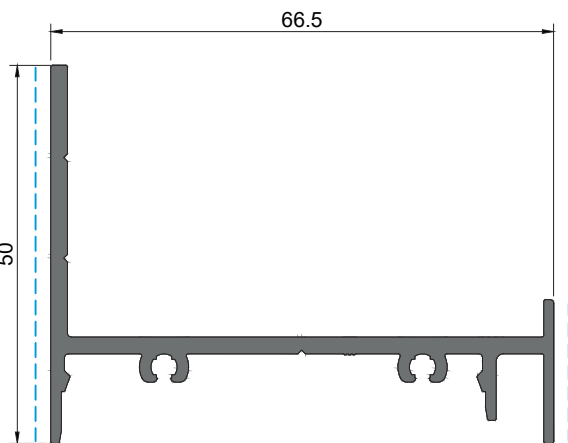
Mullion profile for pocket solution | Profilé de meneau pour galandage



**SO 46**

Perfil remate para solução de embutir

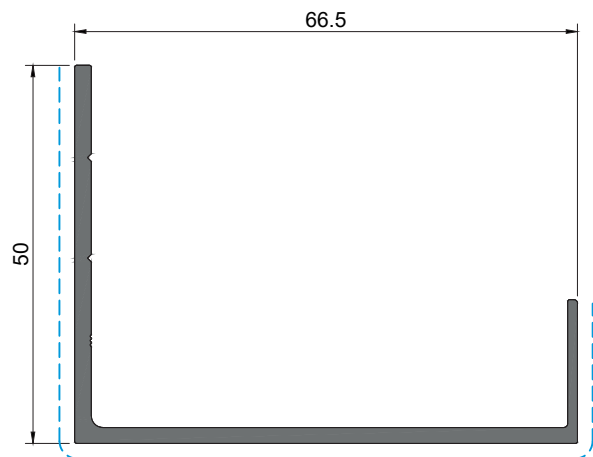
Finishing profile for pocket solution | Profilé de finition pour galandage



**SO 47**

Perfil remate para solução de embutir

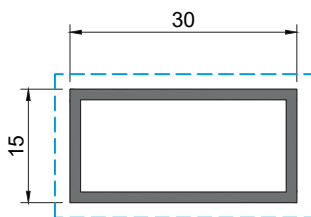
Finishing profile for pocket solution | Profilé de finition pour galandage



**SO 48**

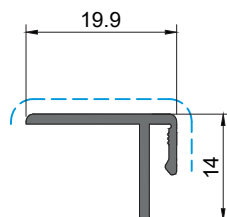
Perfil remate para solução de embutir

Finishing profile for pocket solution | Profilé de finition pour galandage



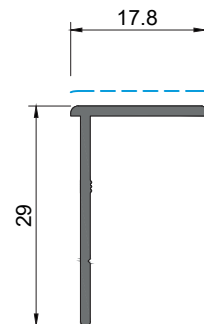
**KP 32**

Tubo  
Tube | Tube



**JT 81**

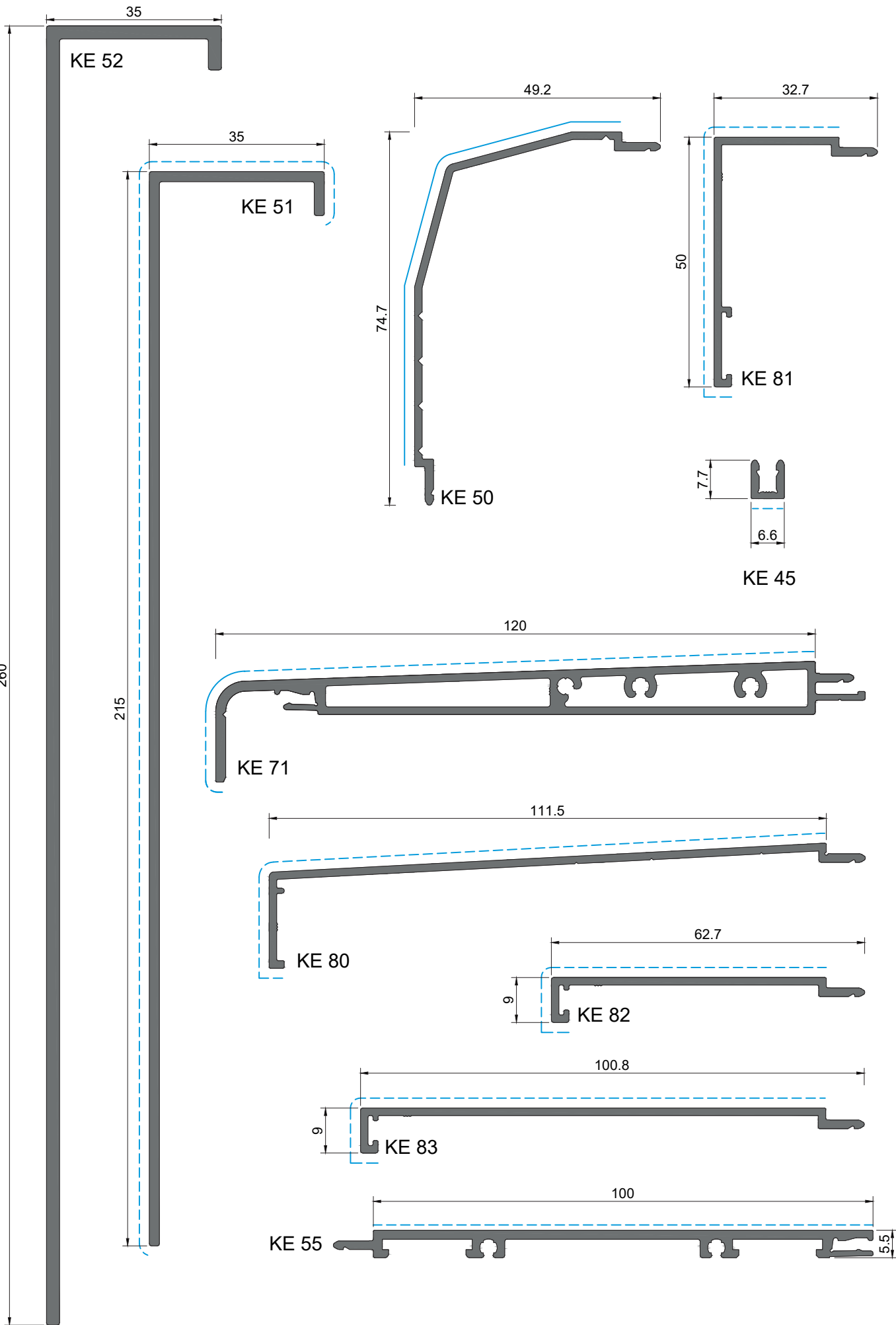
Perfil complementar  
Complementary profile | Profilé complémentaire

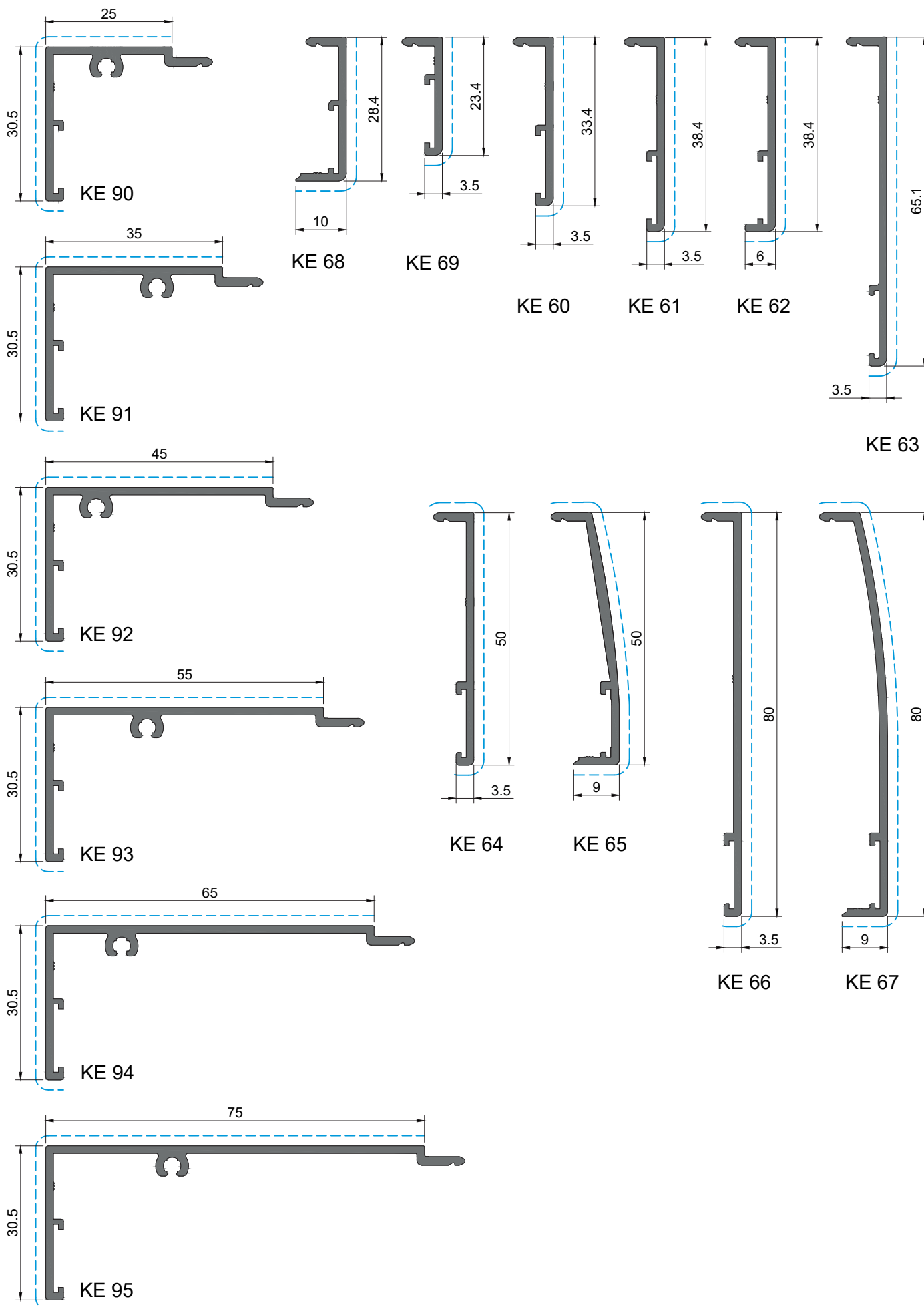


**JM 81**

Perfil complementar  
Complementary profile | Profilé complémentaire

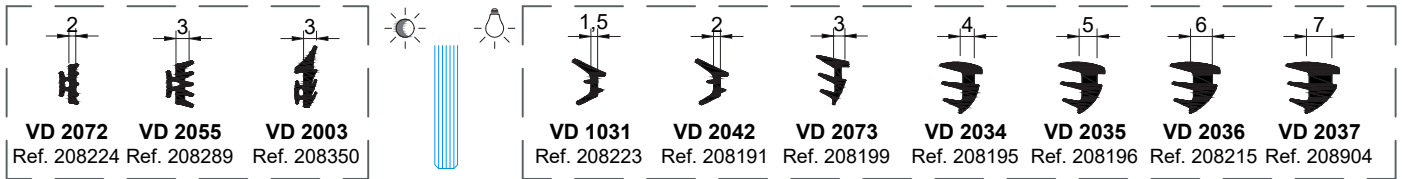
Treatamento de superfície | Surface treatment | Traitement de surface  
 PB | PFM | EF | EM PB | PEF | EM  
 Para mais informações, consultar **Catálogo de Cores Anodizadas**  
 For further information, consult the **Anodised Colours Catalogue** | Pour plus d'informations, veuillez consulter le **Catologue des Couleurs Anodisées**





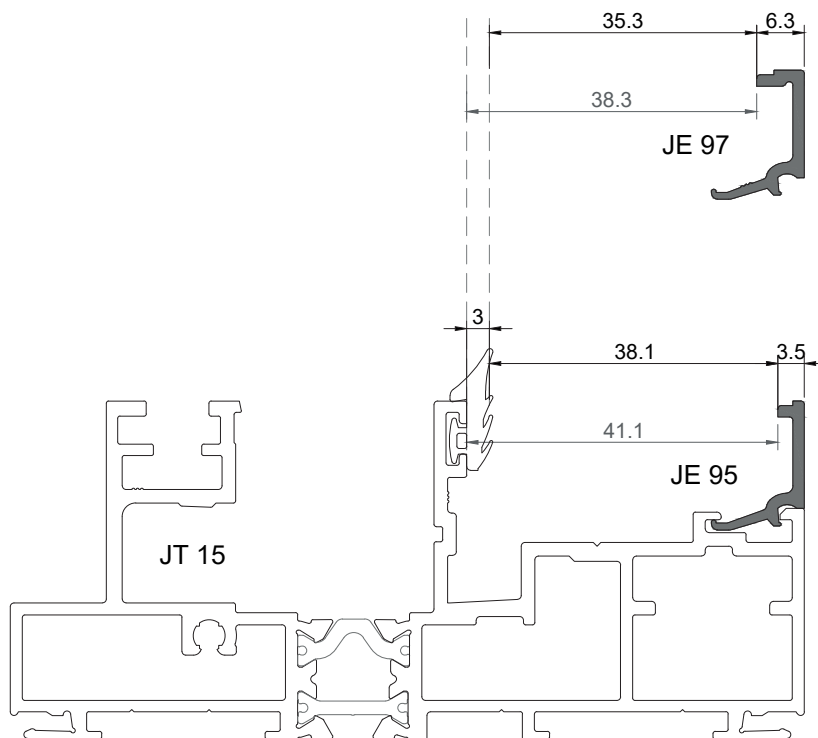
Treatmento de superficie | Surface treatment | Traitement de surface  
 PB | PPM | EFM | EEM  
 Para mais informações, consultar **Catálogo de Cores Anodizadas**  
 For further information, consult the **Anodised Colours Catalogue** | Pour plus d'informations, veuillez consulter le **Catologue des Couleurs Anodisées**

TABELA ORIENTATIVA DE BITES | GLAZING BEADS SCHEDULE | TABLE DES PARCLOSES



VEDANTE EXTERIOR OUTER GASKET JOINT EXTÉRIEUR	ESPESSURA DO VIDRO GLASS THICKNESS ÉPAISSEUR DU VERRE	VEDANTE INTERIOR INNER GASKET JOINT INTÉRIEUR	BITES GLAZING BEADS PARCLOSES
2003	31	2037	JE 95
2003	32	2036	JE 95
2003	33	2035	JE 95
2003	34	2034	JE 95
2003	28	2037	JE 97
2003	29	2036	JE 97
2003	30	2035	JE 97
2003	31	2034	JE 97
2003	32	2073	JE 97

**Aconselha-se sempre a utilização do vedante VD 2003 pelo exterior.**  
It is always advisable to use VD 2003 gasket in the outer side.  
Il est toujours conseillé d'utiliser le joint VD 2003 de l'extérieur.







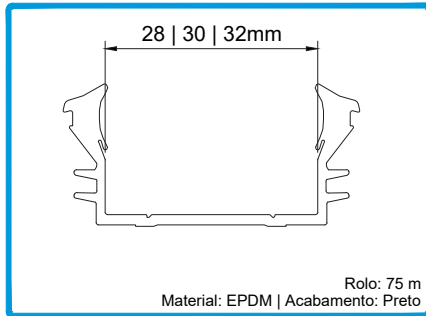
Edifício Varandas do Rio | Águeda | Arq.ª Sofia Soares



**LISTAGEM DE ACESSÓRIOS**  
**ACCESSORIES LIST | LIST D'ACCESSOIRES**

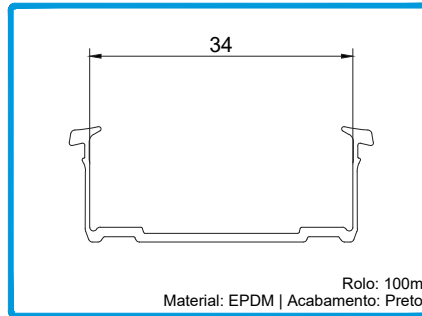
## Juntas de vidro, vedantes e pelúcias

Glazing gaskets, seals and pile seals | Joints de vitrage, joints et joints brosse



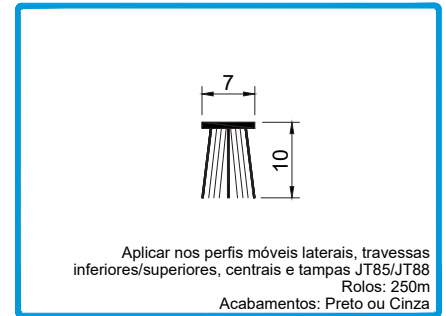
Rolo: 75 m  
Material: EPDM | Acabamento: Preto

**208477** JUNTA VIDRO U 1028 CX 28MM JT  
**208478** JUNTA VIDRO U 1030 CX 30MM JT  
**208099** JUNTA VIDRO U 1032 CX 32MM JT



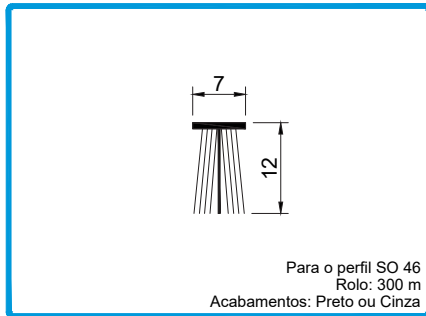
Rolo: 100m  
Material: EPDM | Acabamento: Preto

**208483** JUNTA VIDRO U 1034 CX 34MM JT



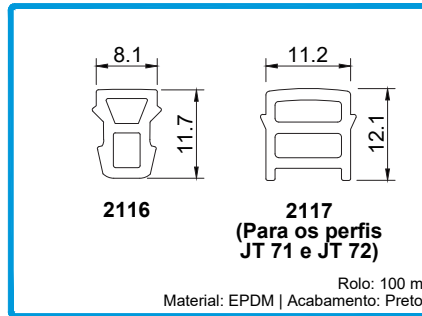
Aplicar nos perfis móveis laterais, travessas inferiores/superiores, centrais e tampas JT85/JT88  
Rolos: 250m  
Acabamentos: Preto ou Cinza

**208306** PELÚCIA 7x10 TRI-FIN Cinza  
**208307** PELÚCIA 7x10 TRI-FIN Preto



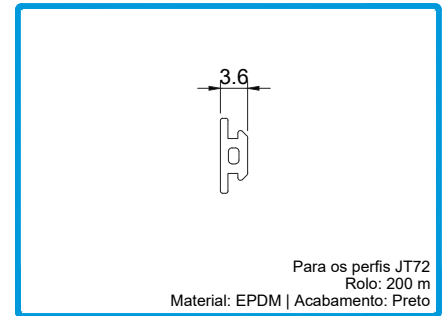
Para o perfil SO 46  
Rolo: 300 m  
Acabamentos: Preto ou Cinza

**208593** PELÚCIA 7x12 STOP-FIN Cinza  
**208466** PELÚCIA 7x12 STOP-FIN Preta



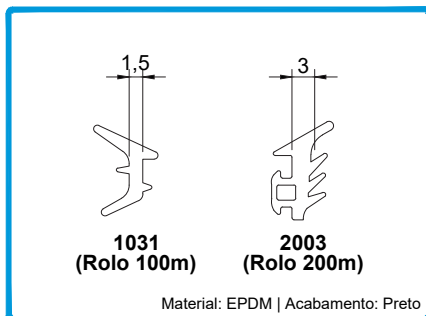
Rolo: 100 m  
Material: EPDM | Acabamento: Preto

**208348** JUNTA TAPA CANAL 2116 JT  
**208479** JUNTA TAPA CANAL 2117 JT



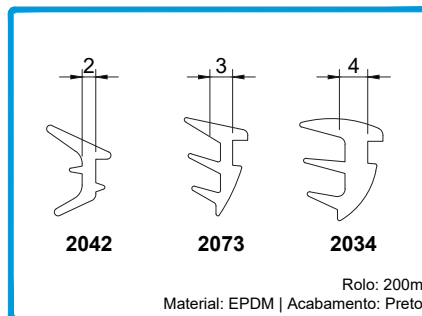
Para os perfis JT72  
Rolo: 200 m  
Material: EPDM | Acabamento: Preto

**208435** JUNTA VD 2415 PRT



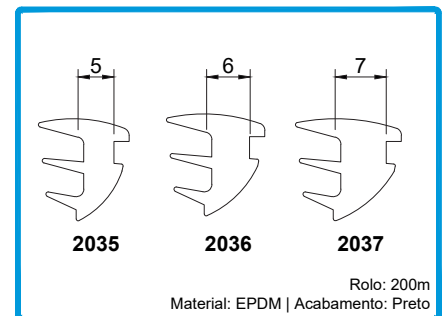
Material: EPDM | Acabamento: Preto

**208223** JUNTA DE CUNHA 1031  
**208350** JUNTA DE VEDAÇÃO EXTERIOR 2003



Rolo: 200m  
Material: EPDM | Acabamento: Preto

**208191** JUNTA DE CUNHA 2042  
**208199** JUNTA DE CUNHA 2073  
**208195** JUNTA DE CUNHA 2034

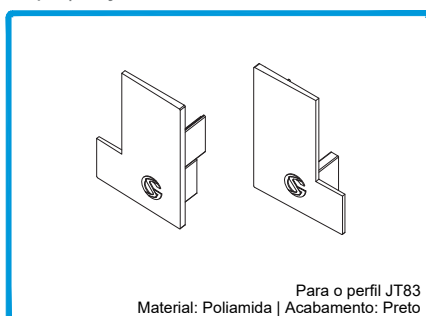


Rolo: 200m  
Material: EPDM | Acabamento: Preto

**208196** JUNTA DE CUNHA 2035  
**208215** JUNTA DE CUNHA 2036  
**208904** JUNTA DE CUNHA 2037

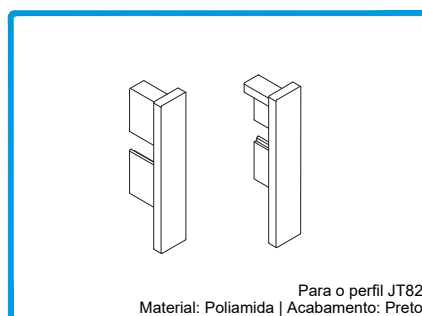
## Pingadeiras

Drips | Rejet d'eau



Para o perfil JT83  
Material: Poliamida | Acabamento: Preto

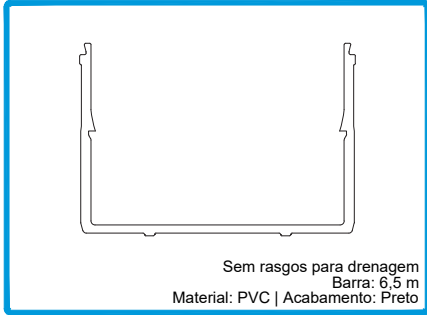
**212341** CONJ. TOPOS LAT. PINGADEIRA



Para o perfil JT82  
Material: Poliamida | Acabamento: Preto

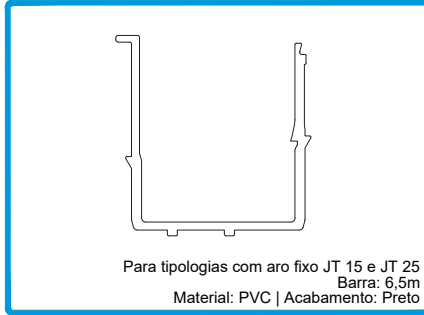
**212384** CONJ. TOPOS LAT. PINGADEIRA JT82

**Acessórios para o aro**  
Frame accessories | Accessoires pour cadre



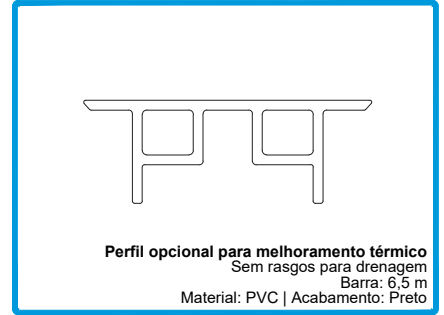
Sem rasgos para drenagem  
Barra: 6,5 m  
Material: PVC | Acabamento: Preto

**215305** PERFIL PVC U JT



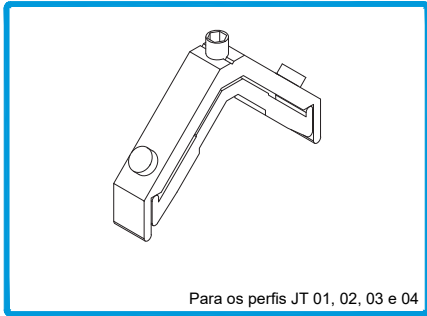
Para tipologias com aro fixo JT 15 e JT 25  
Barra: 6,5m  
Material: PVC | Acabamento: Preto

**215310** PERFIL PVC U JT FIXO



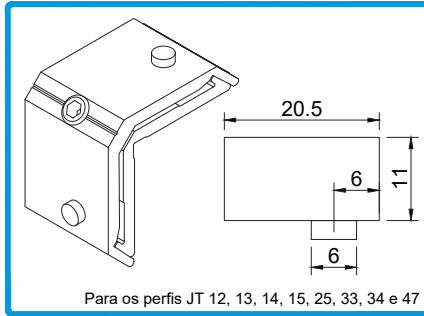
**Perfil opcional para melhoria térmica**  
Sem rasgos para drenagem  
Barra: 6,5 m  
Material: PVC | Acabamento: Preto

**215303** PERFIL PVC T JT



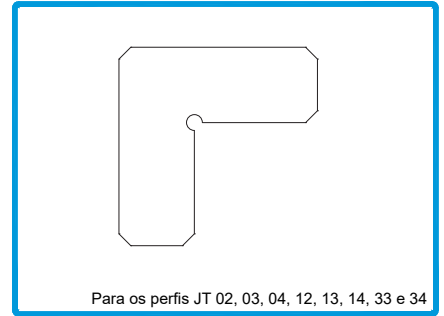
Para os perfis JT 01, 02, 03 e 04

**204164** ESQUADRO JT 12x9.5



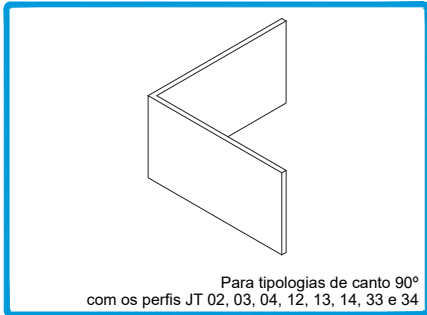
Para os perfis JT 12, 13, 14, 15, 25, 33, 34 e 47

**204153** ESQUADRO JT 11x20.5



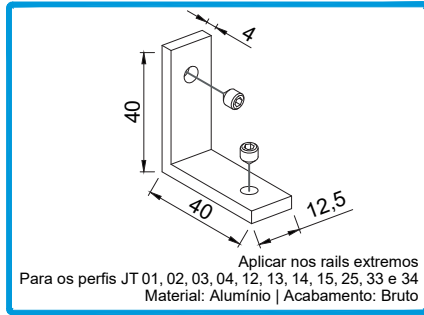
Para os perfis JT 02, 03, 04, 12, 13, 14, 33 e 34

**213246** CANTO CR S/SB



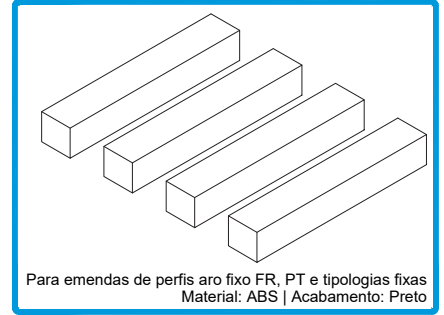
Para tipologias de canto 90°  
com os perfis JT 02, 03, 04, 12, 13, 14, 33 e 34

**204389** ESQUADRO INOX CANTO 90°



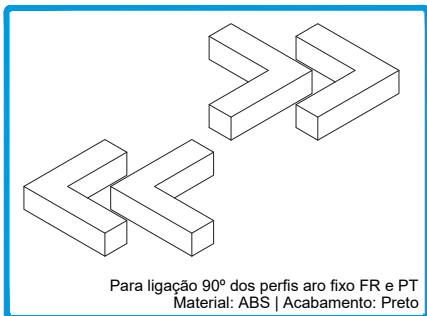
Aplicar nos rails extremos  
Para os perfis JT 01, 02, 03, 04, 12, 13, 14, 15, 25, 33 e 34  
Material: Alumínio | Acabamento: Bruto

**213014** CANTO ALINHAMENTO JT



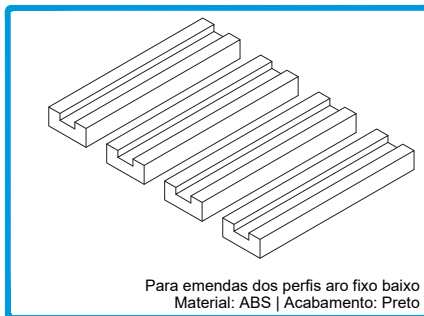
Para emendas de perfis aro fixo FR, PT e tipologias fixas  
Material: ABS | Acabamento: Preto

**212242** CONJ. UNIÃO RETA JT



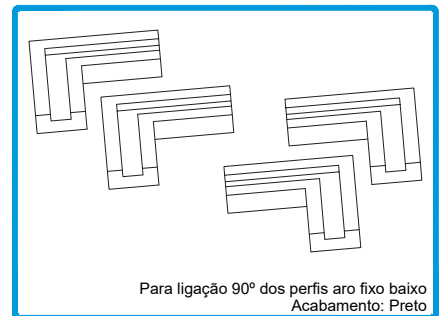
Para ligação 90° dos perfis aro fixo FR e PT  
Material: ABS | Acabamento: Preto

**212243** CONJ. UNIÃO CANTO 90° JT



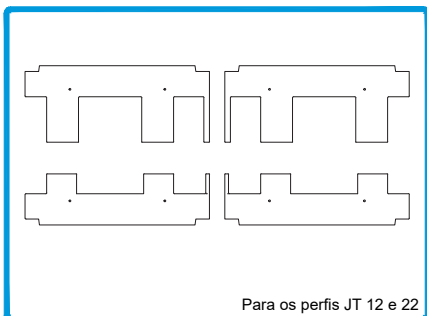
Para emendas dos perfis aro fixo baixo  
Material: ABS | Acabamento: Preto

**212083** CONJ. UNIÃO RETA ARO BAIXO JT



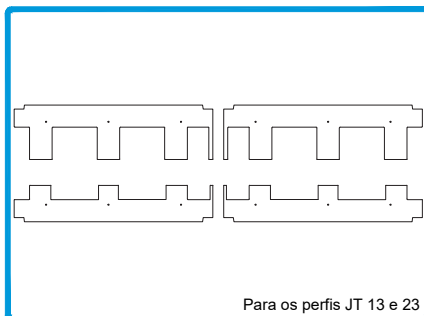
Para ligação 90° dos perfis aro fixo baixo  
Acabamento: Preto

**212084** CONJ. UNIÃO CANTO 90° ARO BAIXO JT



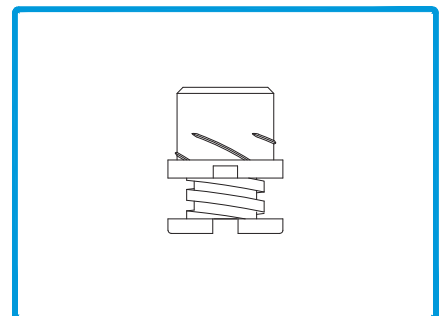
Para os perfis JT 12 e 22

**223105** KIT JUNTAS ADESIVAS N°1 JT



Para os perfis JT 13 e 23

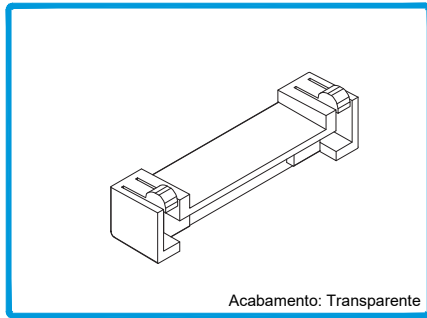
**223106** KIT JUNTAS ADESIVAS N°2 JT



**224205** NIVELADOR PEQUENO 600.01/8

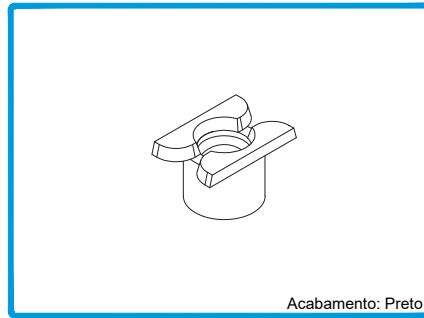
**Acessórios de estanqueidade**

Watertightness accessories | Accessoires d'étanchéité



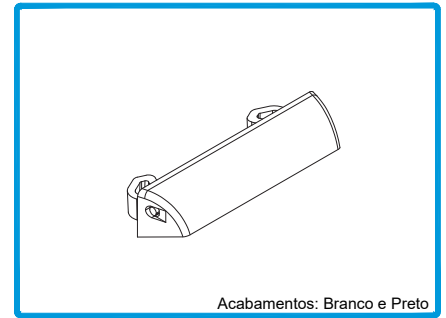
Acabamento: Transparente

**210269** GOTEIRA OCULTA C/ VÁLV. SV-C13



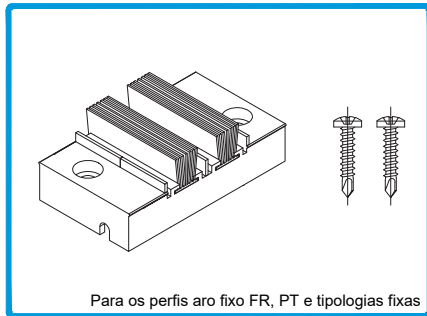
Acabamento: Preto

**210265** GOTEIRA C/ VÁLV. BOLA



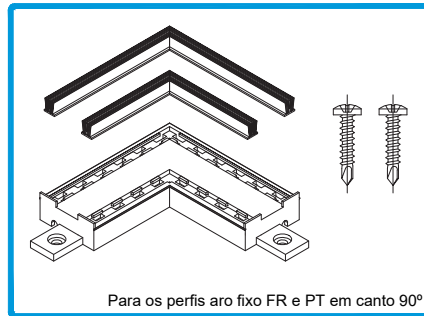
Acabamentos: Branco e Preto

**210268** GOTEIRA C/ VÁLV. SVE



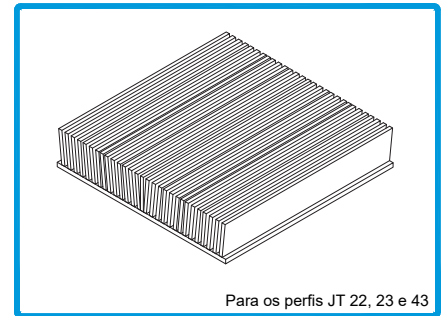
Para os perfis aro fixo FR, PT e tipologias fixas

**213286** CORTA-VENTO JT



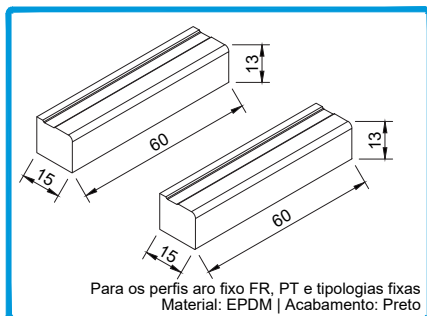
Para os perfis aro fixo FR e PT em canto 90°

**213287** CORTA-VENTO CANTO 90° JT



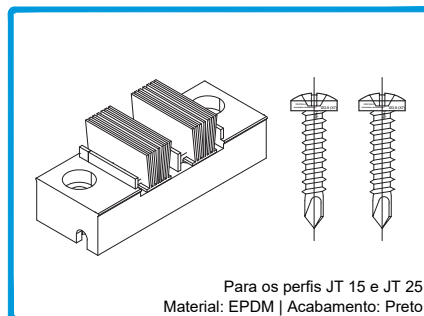
Para os perfis JT 22, 23 e 43

**213288** CORTA-VENTO BAIXO JT



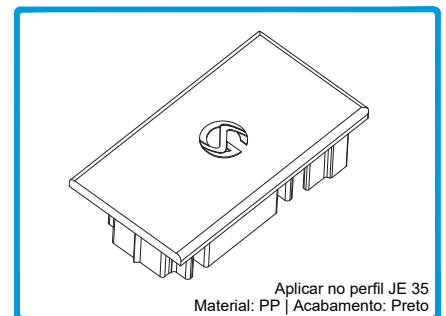
Para os perfis aro fixo FR, PT e tipologias fixas  
Material: EPDM | Acabamento: Preto

**212337** CONJ. ESTANQUEIDADE  
CORTA-VENTO JT



Para os perfis JT 15 e JT 25  
Material: EPDM | Acabamento: Preto

**213303** CORTA VENTO JT FIXO

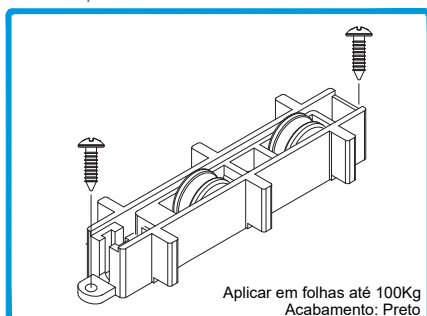


Aplicar no perfil JE 35  
Material: PP | Acabamento: Preto

**211069** TOPO JE 35 PRT

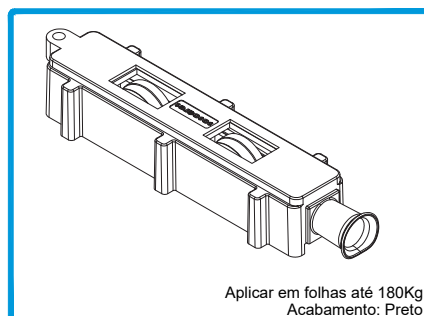
**Carrinhos**

Rollers | Rouleaux



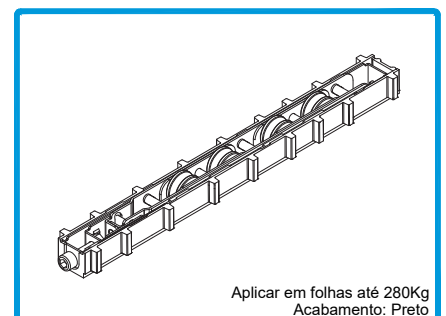
Aplicar em folhas até 100Kg  
Acabamento: Preto

**205108** CARRINHO JT 100Kg



Aplicar em folhas até 180Kg  
Acabamento: Preto

**205129** CARRINHO JT 180Kg

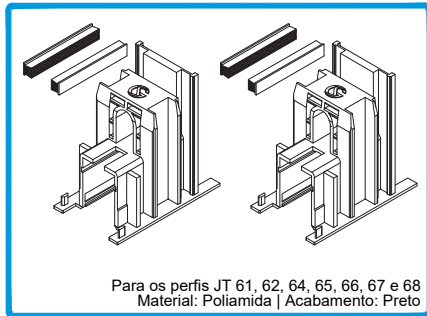


Aplicar em folhas até 280Kg  
Acabamento: Preto

**205201** CARRINHO JT HEAVY DUTY

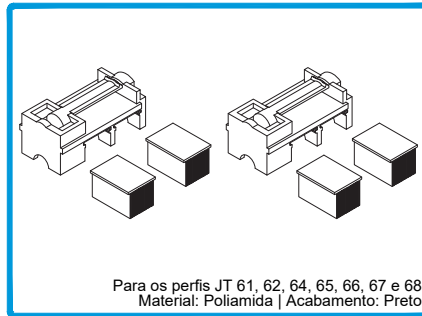
## Accessórios para perfis laterais

Lateral profiles accessories | Accessoires pour profilés latéraux



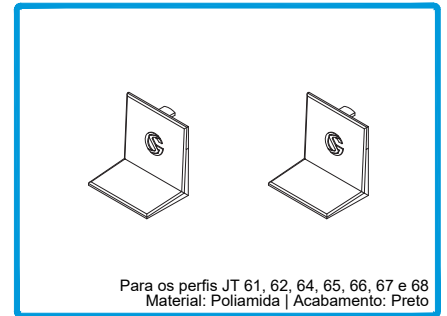
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto

**212199** CONJ. TOPOS LAT. JT Nº1



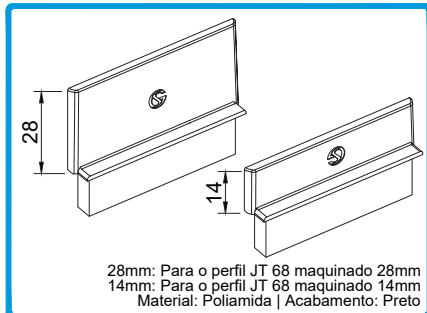
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto

**212230** CONJ. TOPOS INTERIORES LAT. JT



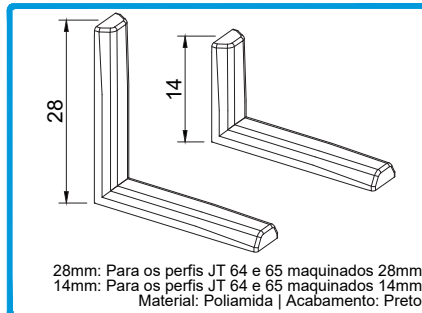
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto

**212201** CONJ. TAMPAS TOPOS LAT. JT



28mm: Para o perfil JT 68 maquinado 28mm  
14mm: Para o perfil JT 68 maquinado 14mm  
Material: Poliamida | Acabamento: Preto

**210288** TOPO LATERAL JT68 28MM  
**210289** TOPO LATERAL JT68 14MM

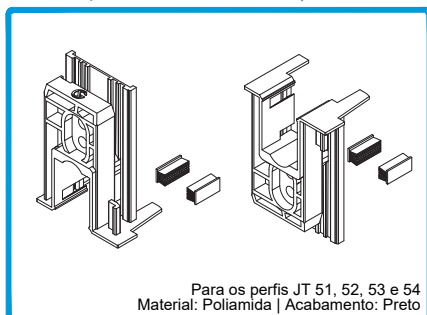


28mm: Para os perfis JT 64 e 65 maquinados 28mm  
14mm: Para os perfis JT 64 e 65 maquinados 14mm  
Material: Poliamida | Acabamento: Preto

**210239** TOPO JT64/JT65 28MM  
**210240** TOPO JT64/JT65 14MM

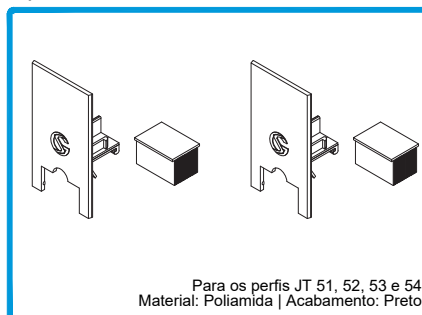
## Accessórios para perfis centrais

Central profiles accessories | Accessoires pour profilés centraux



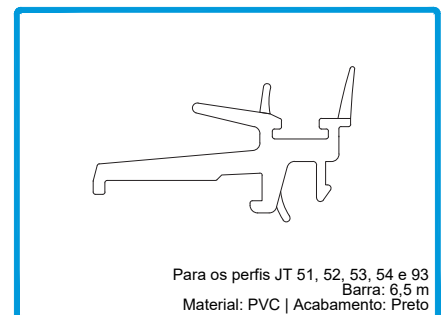
Para os perfis JT 51, 52, 53 e 54  
Material: Poliamida | Acabamento: Preto

**212231** CONJ. TOPOS CENTRAIS JT



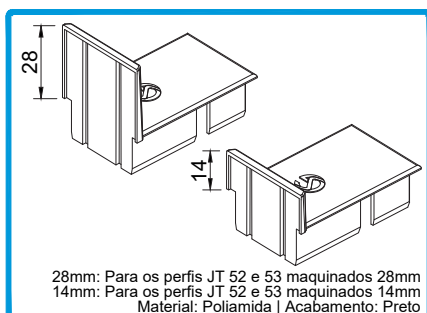
Para os perfis JT 51, 52, 53 e 54  
Material: Poliamida | Acabamento: Preto

**212339** CONJ. TAMPAS TOPOS CENTRAIS JT



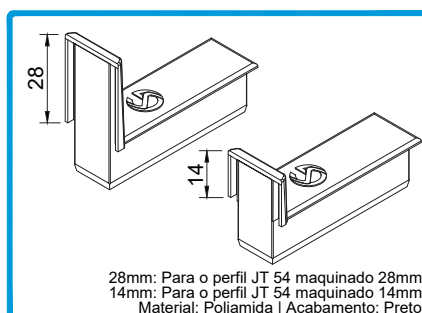
Para os perfis JT 51, 52, 53, 54 e 93  
Barra: 6,5 m  
Material: PVC | Acabamento: Preto

**208346** JUNTA CENTRAL 2196 JT



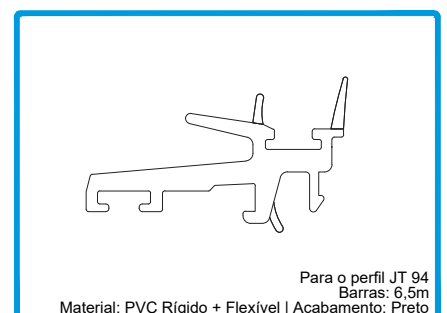
28mm: Para os perfis JT 52 e 53 maquinados 28mm  
14mm: Para os perfis JT 52 e 53 maquinados 14mm  
Material: Poliamida | Acabamento: Preto

**210241** TOPO CENTRAL REFORÇADO 28MM  
**210242** TOPO CENTRAL REFORÇADO 14MM



28mm: Para o perfil JT 54 maquinado 28mm  
14mm: Para o perfil JT 54 maquinado 14mm  
Material: Poliamida | Acabamento: Preto

**210243** TOPO CENTRAL REFORÇ. JT54 28MM  
**210244** TOPO CENTRAL REFORÇ. JT54 14MM

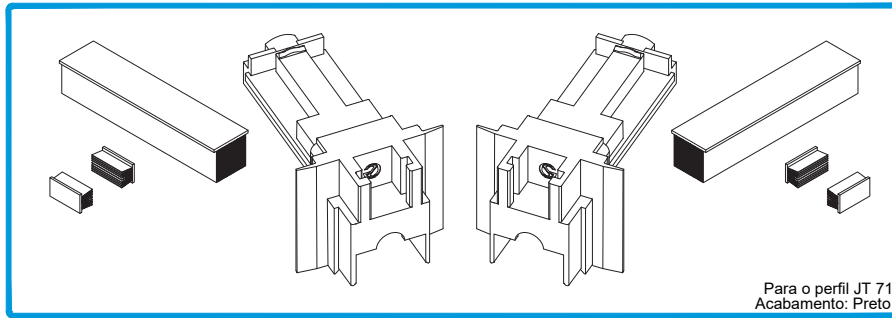


Para o perfil JT 94  
Barra: 6,5m  
Material: PVC Rígido + Flexível | Acabamento: Preto

**208349** JUNTA CENTRAL 2195 JT FIXO

**Acessórios para ligação central e canto 90°**

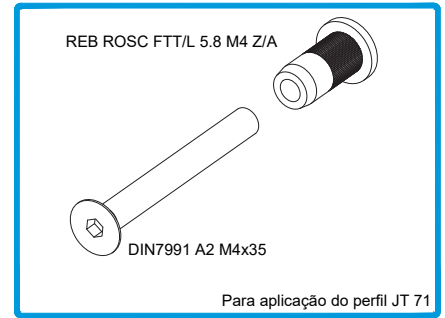
Central and 90° corner connection accessories | Accessoires pour le raccordement central et d'angle 90°



Para o perfil JT 71  
Acabamento: Preto

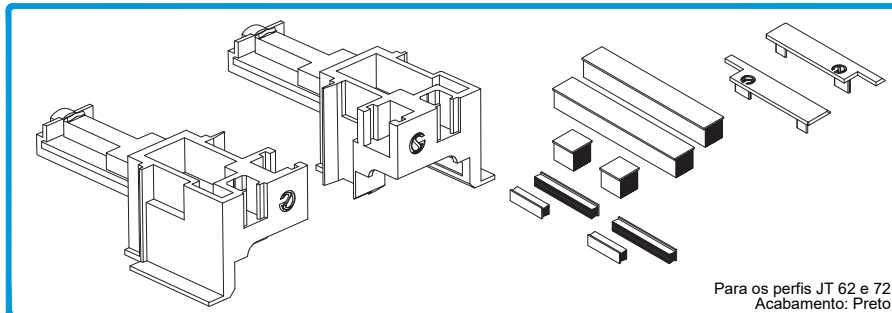
**212104**

CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT



**212017**

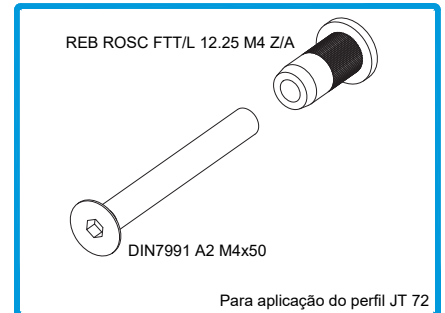
Para aplicação do perfil JT 71  
CONJUNTO FIXAÇÃO FERRAGEM MÚLT.



Para os perfis JT 62 e 72  
Acabamento: Preto

**212109**

CONJ. TOPOS CANTO 90° JT

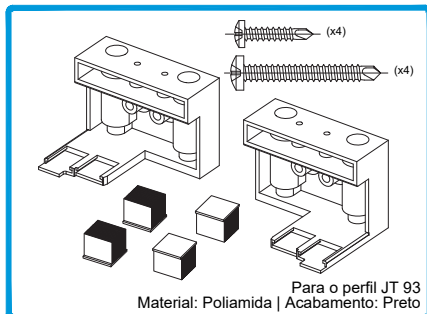


**212079**

Para aplicação do perfil JT 72  
CONJ. FIXAÇÃO FERRAGEM MÚLTIPONTO JT72

**Acessórios para tipologias de embutir**

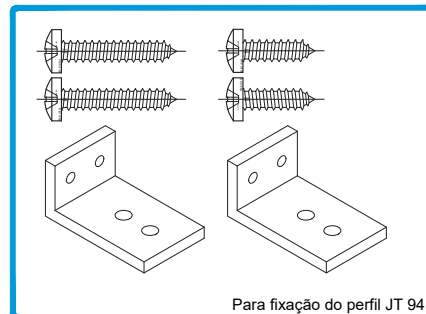
Pocket typologies accessories | Accessoires pour typologies à galandage



Para o perfil JT 93  
Material: Poliamida | Acabamento: Preto

**212085**

CONJ. TOPOS JT93



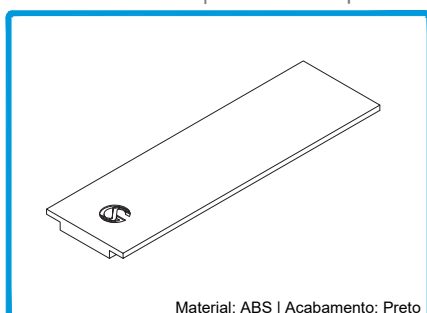
Para fixação do perfil JT 94

**212087**

CONJ. FIXAÇÃO JT 94

**Acessórios para vidro**

Glass accessories | Accessoires pour verre



Material: ABS | Acabamento: Preto

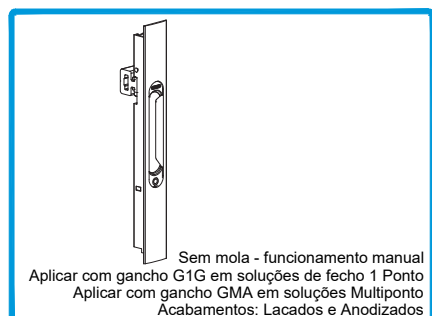
**218137**

CALÇO REFORÇO HORIZONTAL JT

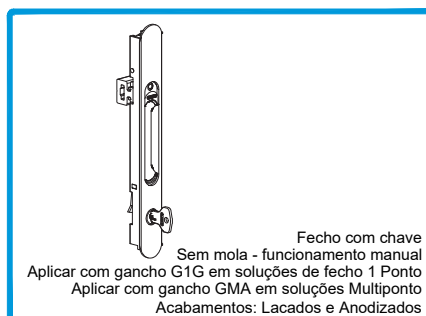
**Acessórios para Ferragens 1 Ponto e Multiponto**

1 Point and Multipoint hardware accessories | Accessoires pour Serrures 1 Point et Multipoint

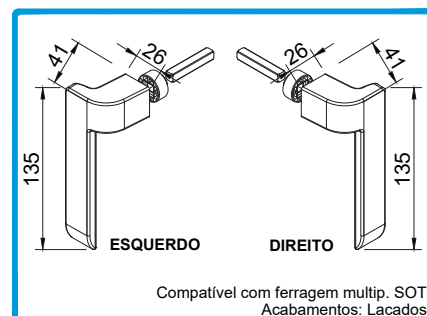
	1 Ponto 1 Point   1 Point	Multiponto Multipoint   Multipoint			
	ALU 1P	ALU MFE	ALU MFCK	SOS	SOT
<b>Acessórios de abertura</b> Opening accessories Accessoires pour ouverture	<b>201380</b> ou   or   ou <b>201381</b>	<b>201380</b> ou   or   ou <b>201381</b>	<b>200817/200819</b> ou   or   ou <b>200959/200939</b>	<b>200817/200819</b> ou   or   ou <b>200959/200939</b>	<b>200238/200239</b>
<b>Calço</b> Shim Cale	-	-	-	<b>218198</b>	<b>218197</b>
<b>Contra-fecho para Aro Fixo</b> Fixed Frame Counter-lock Contre-fermeture pour Dormant	<b>202085</b> + <b>212455</b>	<b>202085</b> + <b>212455</b>	<b>202085</b> + <b>212455</b>	<b>202491</b> + <b>212455</b>	<b>202492</b>
<b>Contra-fecho para ligações no mesmo rail e 90°</b> Same rail and 90° connections counter-lock Contre-fermeture pour connexions dans le même rail et 90°	<b>202321</b> + <b>212458</b>	<b>202321</b> + <b>212458</b>	<b>202321</b> + <b>212458</b>	<b>202491</b> + <b>212458</b>	<b>202320</b>
<b>Gancho</b> Hook Crochet	<b>204715</b>	<b>204717</b>	-	-	-
<b>Fixação da Ferragem Multiponto</b> Multipoint Hardware Fixation Fixation de Serrure Multipoint	-	<b>212371</b>	<b>212371</b>	<b>212371</b>	<b>212371</b>
<b>Cilindro</b> Cylinder Cilindre	-	-	<b>230006</b> ou   or   ou <b>230040</b>	-	<b>230006</b> ou   or   ou <b>230040</b>
<b>Espelho para Cilindro</b> Cylinder's cover Couverture pour Cilindre	-	-	<b>220196</b> ou   or   ou <b>220197</b>	-	<b>220196</b> ou   or   ou <b>220197</b>



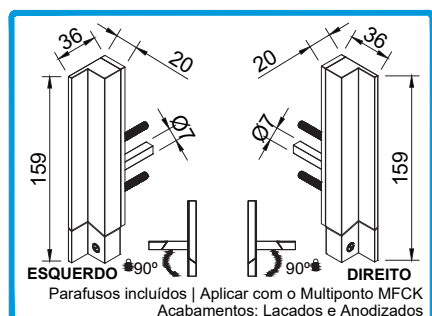
**201380** FECHO DE EMBUTIR R251IX



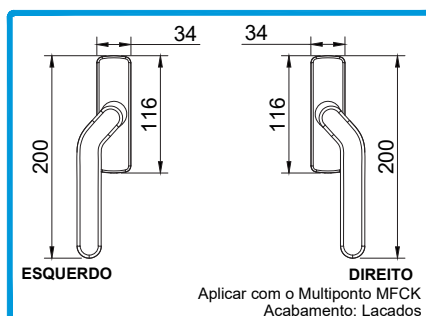
**201381** FECHO DE EMBUTIR C/ CHAVE 253IX



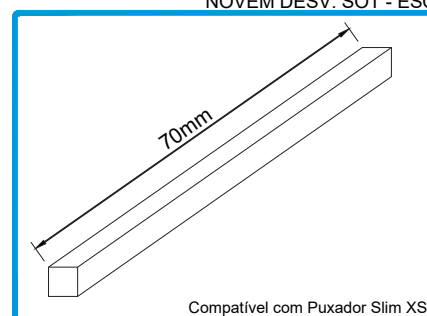
**200238** CREM. MULTIP. MINIMALISTA  
NOVEM DESV. SOT - DIR  
**200239** CREM. MULTIP. MINIMALISTA  
NOVEM DESV. SOT - ESQ



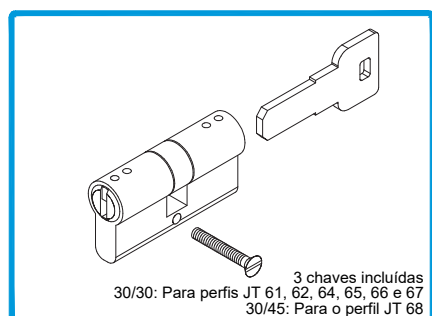
**200817** PUXADOR SLIM XS (Direito)  
**200819** PUXADOR SLIM XS (Esquerdo)



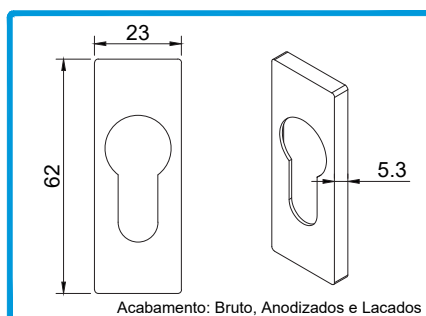
**200959** CREMONE MULT. DESVIADO DIR  
**200939** CREMONE MULT. DESVIADO ESQ



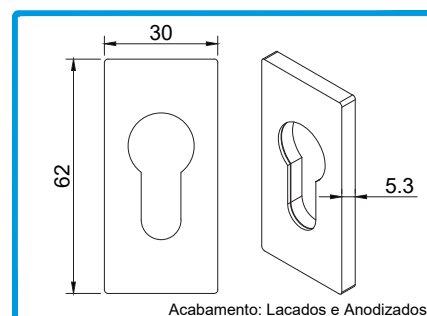
**227305** QUADRA AÇO 7MMx70



**230006** SEGREDO 30/30 NIQUELADO  
**230040** SEGREDO 30/45



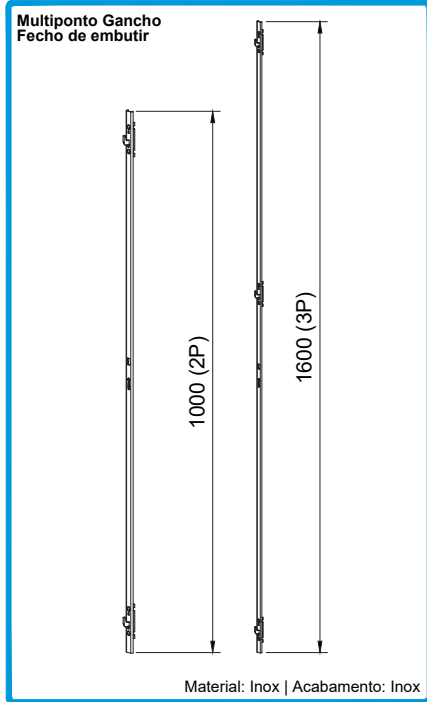
**220196** ESPELHO ALUMÍNIO 23MM P/ SEGREDO



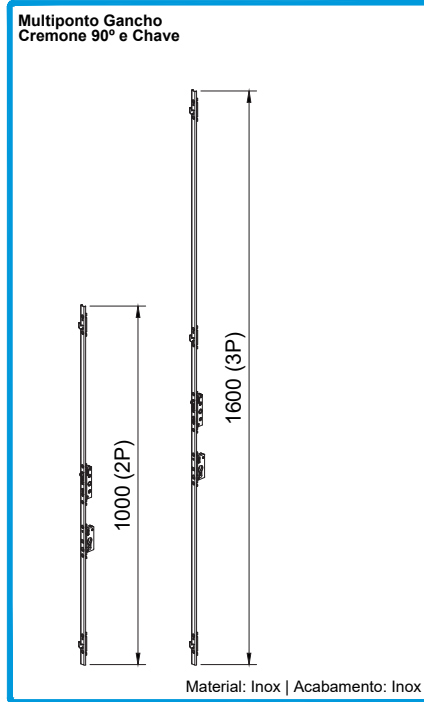
**220197** ESPELHO ALUMÍNIO 30MM P/ SEGREDO

**Acessórios para Ferragens 1 Ponto e Multiponto**

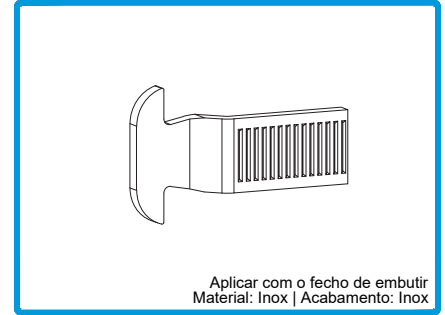
1 Point and Multipoint hardware accessories | Accessoires pour Serrures 1 Point et Multipoint



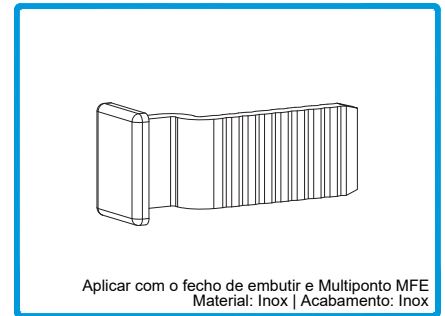
**211180** MULTIPONTO ALU MFE.1000 (2P)  
**211181** MULTIPONTO ALU MFE.1600 (3P)



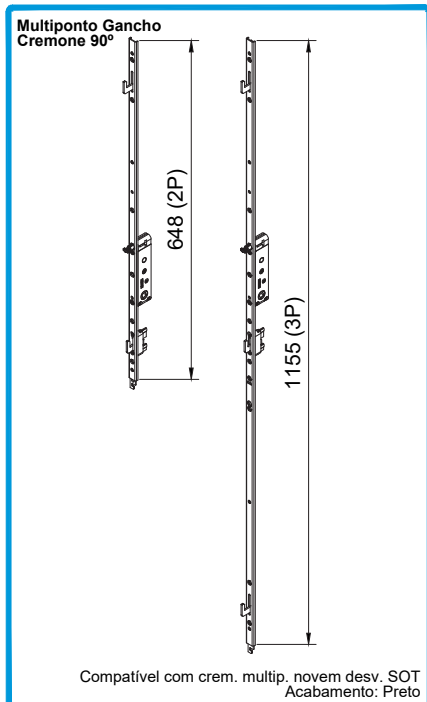
**211206** MULTIPONTO ALU MFCK.1000 (2P)  
**211207** MULTIPONTO ALU MFCK.1600 (3P)



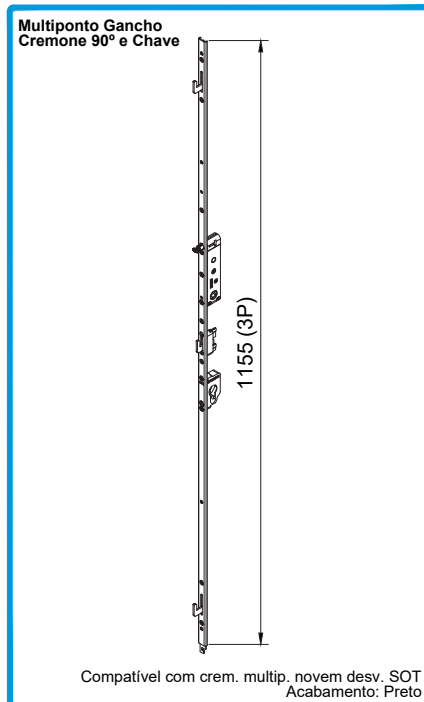
**204715** GANCHO LIG. G1G



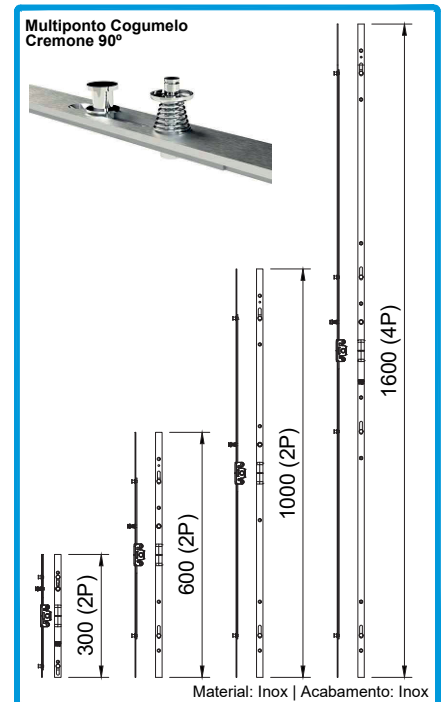
**204717** GANCHO LIG. MULTIPONTO GMA



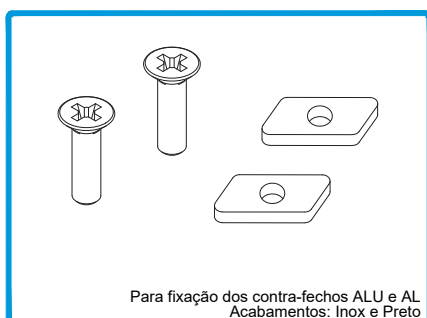
**211175** F. MULT. CHRONOS EVO SOT (2P)  
**211176** F. MULT. CHRONOS EVO SOT (3P)



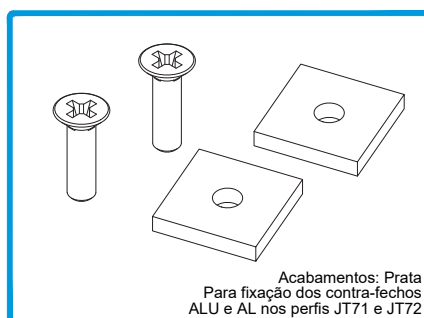
**211179** FERRAGEM MULTIP. C/ CHAVE  
CHRONOS EVO SOT (3P)



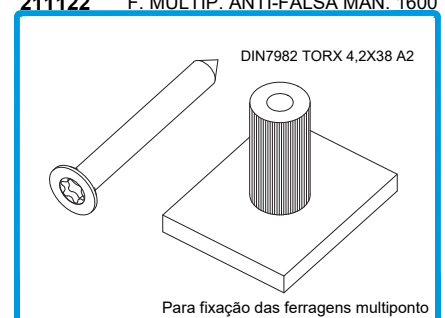
**211119** F. MULTIP. ANTI-FALSA MAN. 300  
**211120** F. MULTIP. ANTI-FALSA MAN. 600  
**211121** F. MULTIP. ANTI-FALSA MAN. 1000  
**211122** F. MULTIP. ANTI-FALSA MAN. 1600



**212455** CONJ. FIX. CONTRA-FECHO  
AL MULTIP. JT



**212458** CONJ. FIX. CONTRA-FECHO  
2F/90° JT

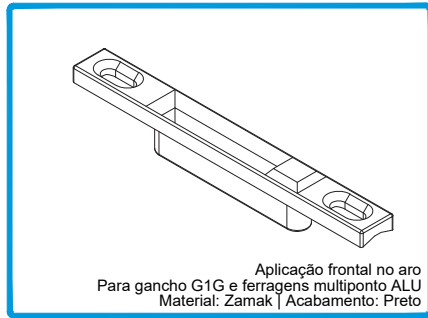


**212371** CONJ. FIXAÇÃO JT



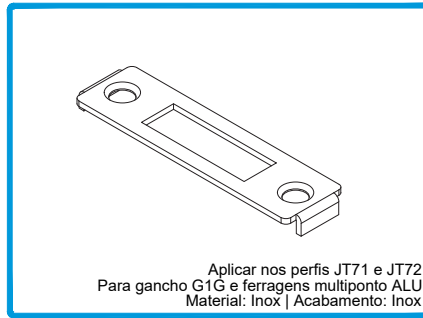
**Acessórios para Ferragens 1 Ponto e Multiponto**

1 Point and Multipoint hardware accessories | Accessoires pour Serrures 1 Point et Multipoint



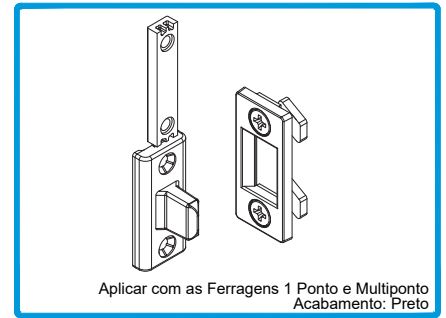
Aplicação frontal no aro  
Para gancho G1G e ferragens multiponto ALU  
Material: Zamak | Acabamento: Preto

**202085** CONTRA-FECHO 2070.870



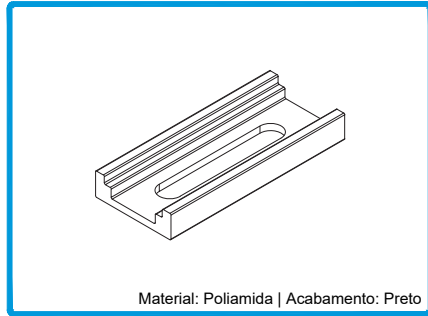
Aplicar nos perfis JT71 e JT72  
Para gancho G1G e ferragens multiponto ALU  
Material: Inox | Acabamento: Inox

**202321** CONTRA-FECHO 2F/90° ALU



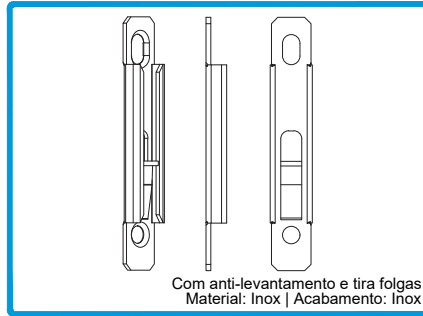
Aplicar com as Ferragens 1 Ponto e Multiponto  
Acabamento: Preto

**202495** CENTRADOR SOT



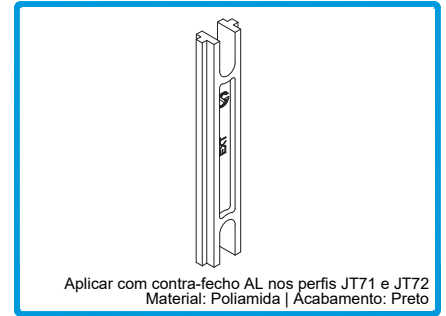
Material: Poliamida | Acabamento: Preto

**218198** CALÇO P/ MULTIPONTO SOS JT



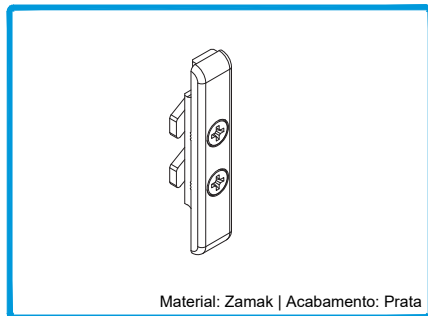
Com anti-levantamento e tira folgas  
Material: Inox | Acabamento: Inox

**202491** CONTRA-FECHO ANTI-LEVANT. MULT.



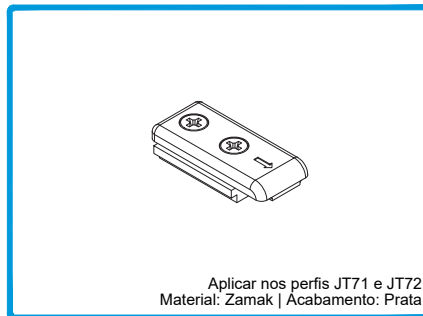
Aplicar com contra-fecho AL nos perfis JT71 e JT72  
Material: Poliamida | Acabamento: Preto

**218154** CALÇO P/ CONTRA-FECHO AL MULTIP. PERFIL LIG



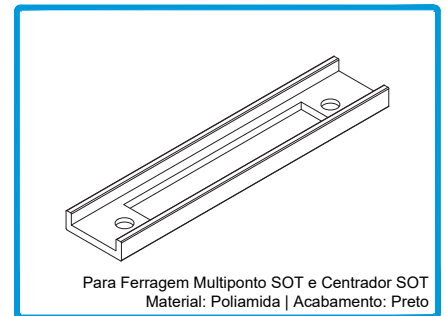
Material: Zamak | Acabamento: Prata

**202492** CONTRA-FECHO SOT



Aplicar nos perfis JT71 e JT72  
Material: Zamak | Acabamento: Prata

**202320** CONTRA FECHO LIGAÇÃO 2 FOLHAS E 90° SOT

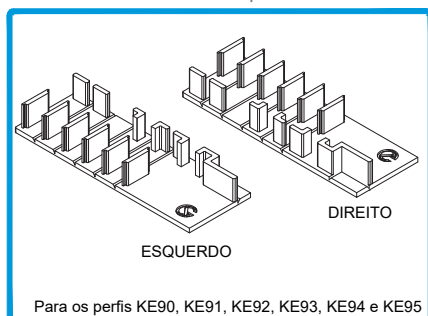


Para Ferragem Multiponto SOT e Centrador SOT  
Material: Poliamida | Acabamento: Preto

**218197** CALÇO P/ MULTIPONTO SOT JT

**Acessórios Renovatio**

Renovatio accessories | Accessoires Renovatio

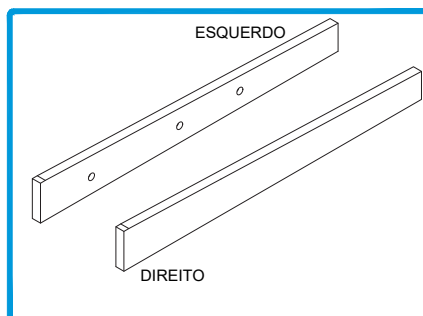


ESQUERDO

DIREITO

Para os perfis KE90, KE91, KE92, KE93, KE94 e KE95

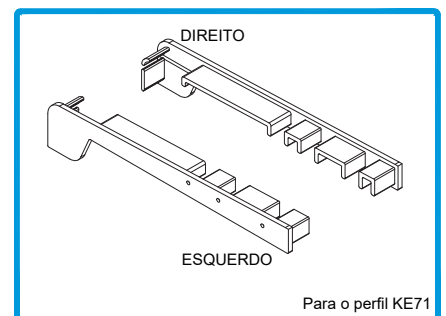
**212223** CONJ. TOPOS INFERIORES RENOVIATIO



ESQUERDO

DIREITO

**212227** CONJ. JUNTAS ADESIVAS P/ TOPOS PERFIL SOLEIRA KE71



DIREITO

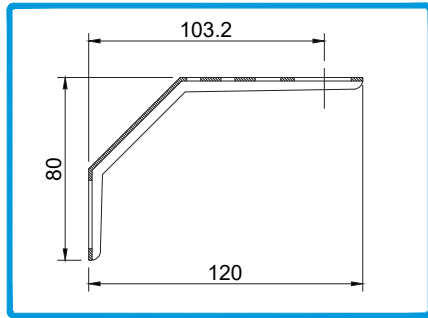
ESQUERDO

Para o perfil KE71

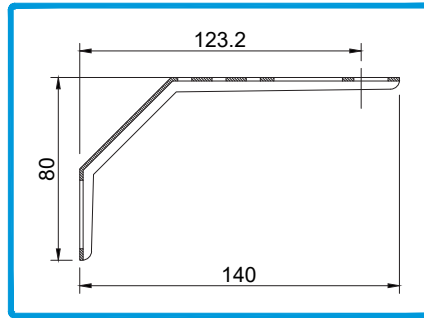
**212221** CONJUNTO TAPA TOPOS KE 71

**Acessórios Renovatio**

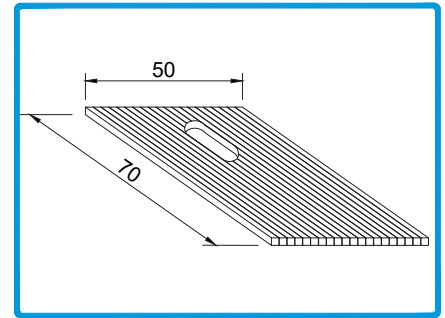
Renovatio accessories | Accessoires Renovatio



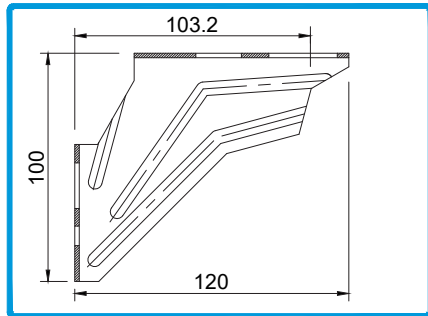
**213240** ÂNGULO DE FIXAÇÃO 120MM



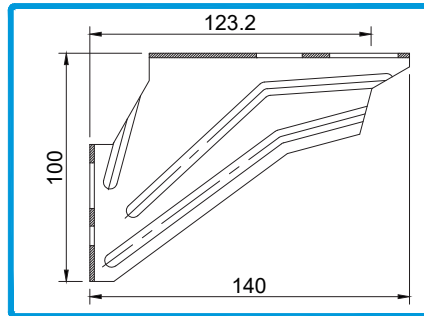
**213256** ÂNGULO DE FIXAÇÃO 140MM



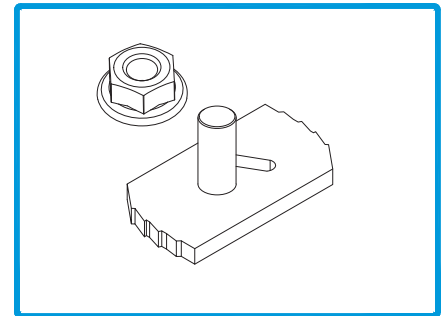
**218116** CALÇO SEPARADOR 50x70MM



**230019** SUPORTE DE FIXAÇÃO 120MM



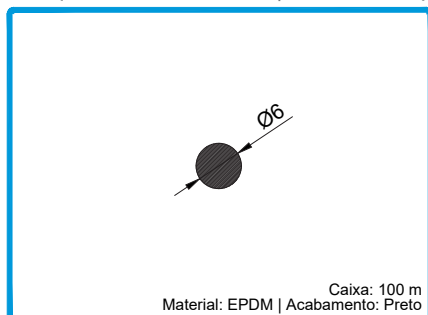
**230308** SUPORTE DE FIXAÇÃO 140MM



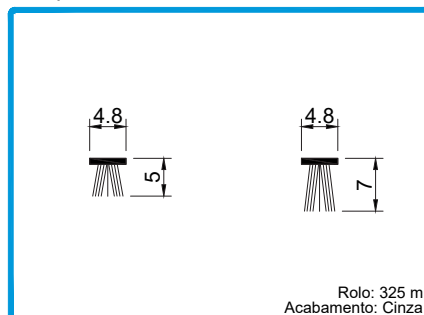
**207220** PRESILHA M6x37MM

**Acessórios para mosquiteira**

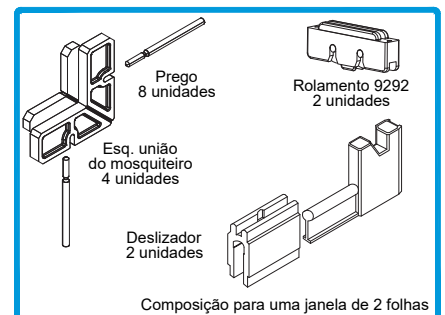
Mosquito net accessories | Accessoires pour mosquitaire



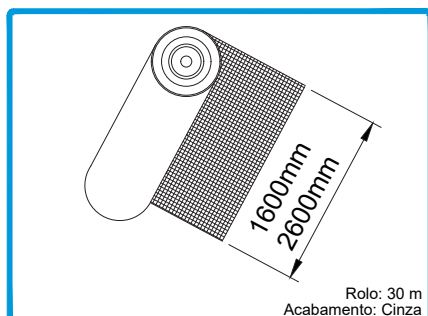
**208310** VEDANTE P/ MOSQUITEIRA 1027  
Caixa: 100 m  
Material: EPDM | Acabamento: Preto



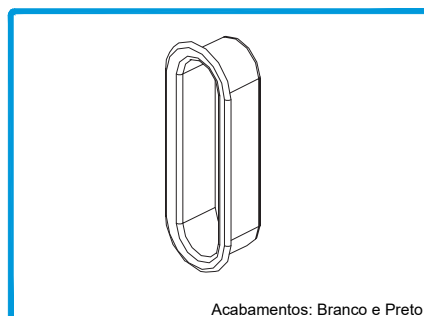
**208303** PELUCIA 4.8x5MM P/ MOSQUITEIRA  
**208564** PELUCIA 4.8x7MM P/ MOSQUITEIRA  
Rolo: 325 m  
Acabamento: Cinza



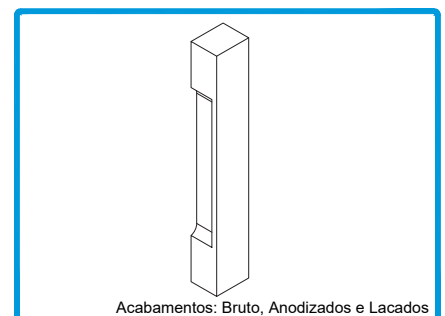
**223247** KIT TR MOSQUITEIRA DE CORRER  
Composição para uma janela de 2 folhas



**229105** REDE MOSQ. EM FIBRA 1600mm  
**229106** REDE MOSQ. EM FIBRA 2600mm  
Rolo: 30 m  
Acabamento: Cinza

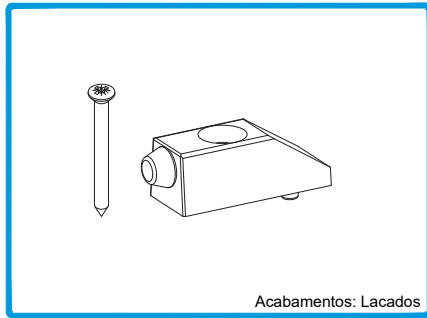


**218214** CONCHA PLÁSTICA NYLON  
Acabamentos: Branco e Preto



**200056** PUXADOR FIXO SLIM  
Acabamentos: Bruto, Anodizados e Lacados

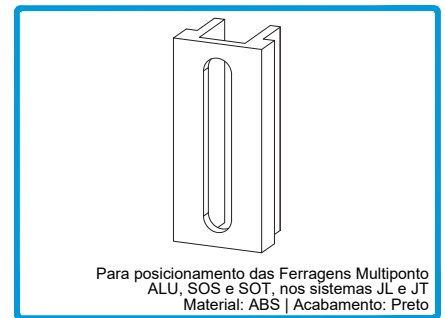
**Diversos**  
Various | Divers



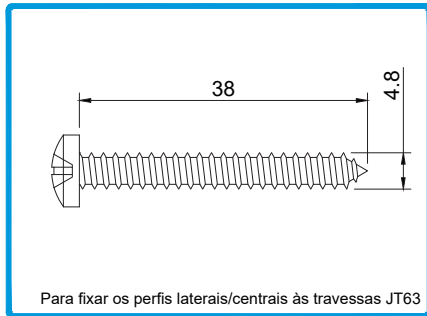
Acabamentos: Lacados  
**228107** LIMITADOR ABERTURA  
PQ SERIE CORRER



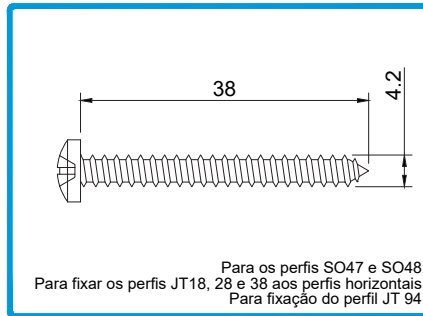
Para afinação da folga das folhas móveis  
Material: ABS | Acabamento: Preto  
**211006** GABARITO AFINAÇÃO FOLHAS JT



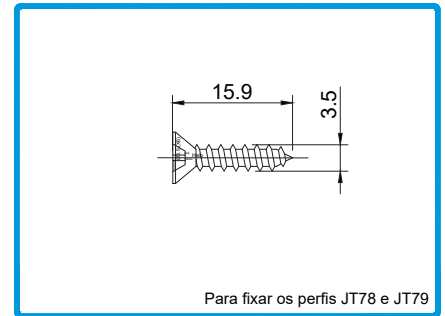
Para posicionamento das Ferragens Multiponto  
ALU, SOS e SOT, nos sistemas JL e JT  
Material: ABS | Acabamento: Preto  
**211007** GABARITO POSICION. MULTIP. JT



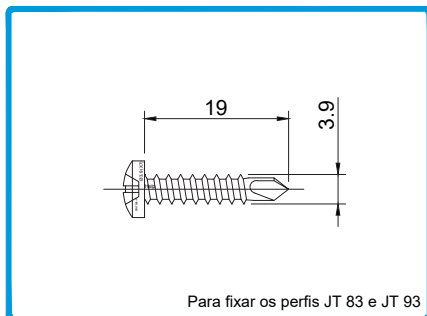
Para fixar os perfis laterais/centrais às travessas JT63  
**290262** PARAFUSO PAR 003 PK INOX  
PH 1 1/2x10 CQ



Para os perfis SO47 e SO48  
Para fixar os perfis JT18, 28 e 38 aos perfis horizontais  
Para fixação do perfil JT 94  
**290030** PARAFUSO DIN7981 4,2x38 INOX A2



Para fixar os perfis JT78 e JT79  
**290052** PARAFUSO DIN7982 PH 3,5x16 A2



Para fixar os perfis JT 83 e JT 93  
**290472** PARAF. AT/PF CQ 3.9x19 A2

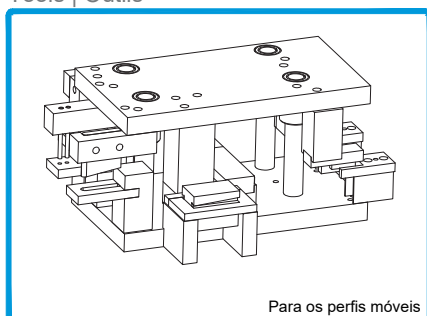


Junta de vedação elástica, resistente aos UV. Impede a  
corrosão de penetrar pelas zonas cortadas  
**208019** SELA JUNTAS 150gr. (Cinza)

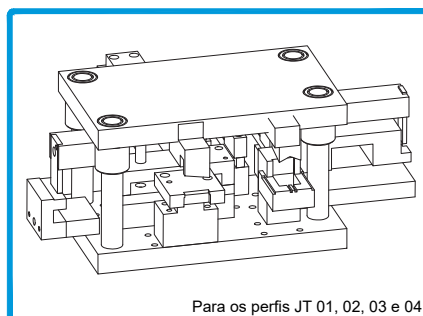


Limpeza de alumínio lacado ou anodizado. Para  
preparação de superfícies a serem unidas e limpeza final  
**208704** PRODUTO LIMPEZA DE  
ALUMÍNIO (1L) Transparente

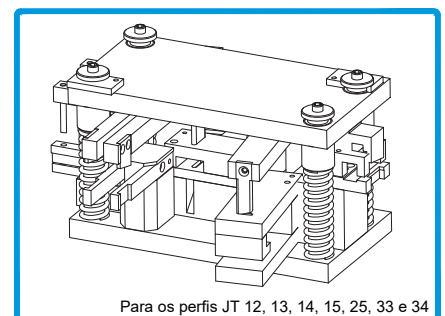
**Ferramentas**  
Tools | Outils



Para os perfis móveis  
**408060** CORTANTE JT - FOLHAS



Para os perfis JT 01, 02, 03 e 04  
**408061** CORTANTE JT - AROS FR



Para os perfis JT 12, 13, 14, 15, 25, 33 e 34  
**408062** CORTANTE JT - AROS PT

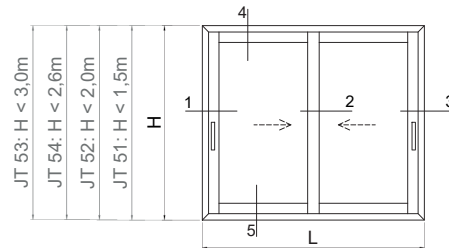
# IV

## TIPOLOGIAS E MAPAS DE QUANTIDADES TYPOLOGIES AND QUANTITY MAPS | TYPOLOGIES ET CARTES DE QUANTITÉS

PERFIS ARO FIXO FR (CORTE 45°) FR FIXED FRAME PROFILES (45° CUT) PROFILÉS CADRE DORMANT FR (COUPE 45°)	IV.1
PERFIS ARO FIXO PT (CORTE 45°) PT FIXED FRAME PROFILE (45° CUT) PROFILÉS CADRE DORMANT PT (COUPE 45°)	IV.2
PERFIL LINHA SOLEIRA 30MM (CORTE 90°) 30MM SILL PROFILE (90° CUT) PROFILÉ SEUIL 30MM (COUPE 90°)	IV.3
TIPOLOGIAS COM FIXOS TYPOLOGIES WITH FIXES TYPOLOGIES AVEC FIXES	IV.4
TIPOLOGIAS COM MOSQUITEIRA TYPOLOGIES WITH MOSQUITO NET TYPOLOGIES AVEC MOUSTIQUAIRE	IV.5
TIPOLOGIAS COM SOLUÇÃO RENOVATIO TYPOLOGIES WITH RENOVATIO SOLUTIONS TYPOLOGIES AVEC SOLUTIONS RENOVATIO	IV.6

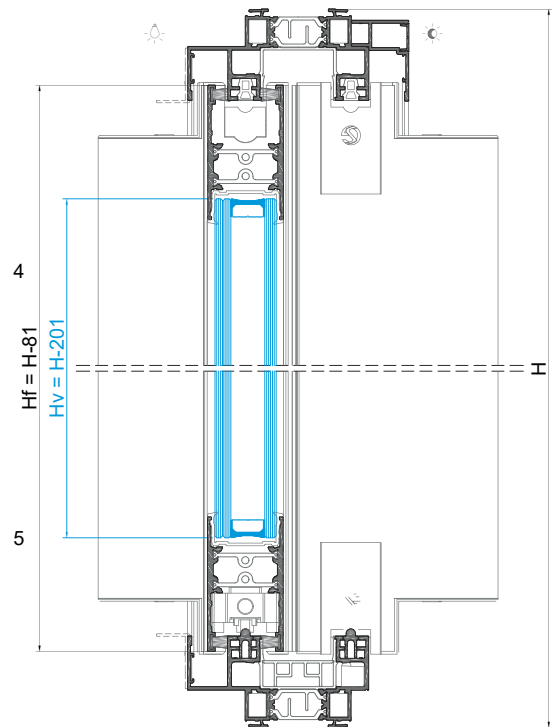
JANELA DE CORRER 2 FOLHAS 2-RAIL- LINHA FR  
2 SASHES 2-RAIL SLIDING WINDOW - FR LINE  
FENÊTRE COULISSANT 2 VANTAUX 2-RAIL - LIGNE FR

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	2	
JT 68	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	2	
JT 63	TRAVESSA SUP/INF LATERAL TRANSOM   TRAVERSE SUP/INF	(L-202)/2	-	4	
AT 30	CAPA COVER   CAPOT	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-44	-	1	
JT 85	CAPA COVER   CAPOT	-	H-58	2	
JT 87	GUIA GUIDE   GUIDE	L-100	-	2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-81	2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-137)/2	H-44	2 + 2	

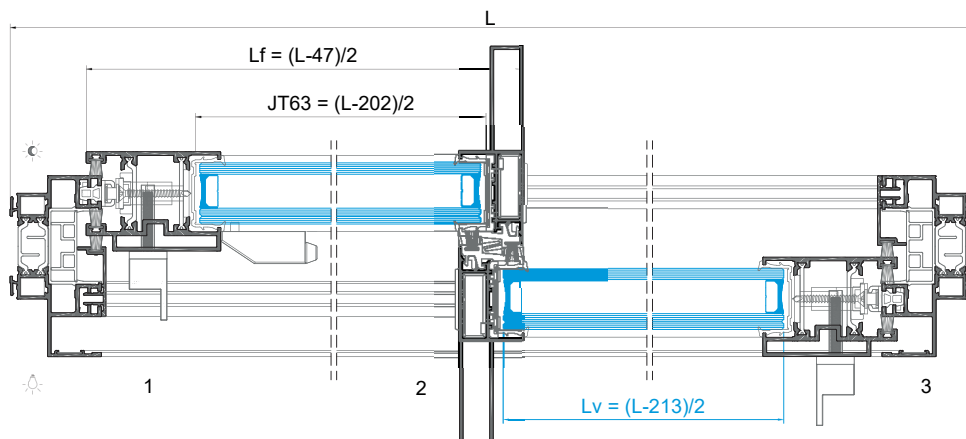


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING PILE SEAL   BROSSSE CENTRALE D'ETANCHÉITÉ	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING PILE SEAL KIT   KIT BROSSSE CENTRALE D'ETANCHÉITÉ	1
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   EQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMOUITS LATÉRAUX	2
210288	TOPO LATERAL JT68 28MM 28MM JT68 LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX JT68 28MM	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMOUITS CENTRAUX	2
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX REINFORCÉ 28MM	4
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHÉ	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONNEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPOINT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE-POUR MULTIPOINT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212341	CONJ. TOPOS LAT. PINGADEIRA LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

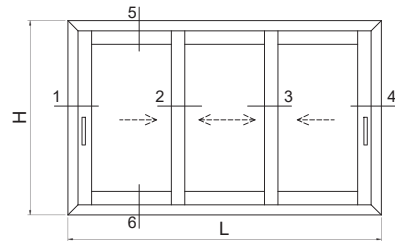


VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 8H



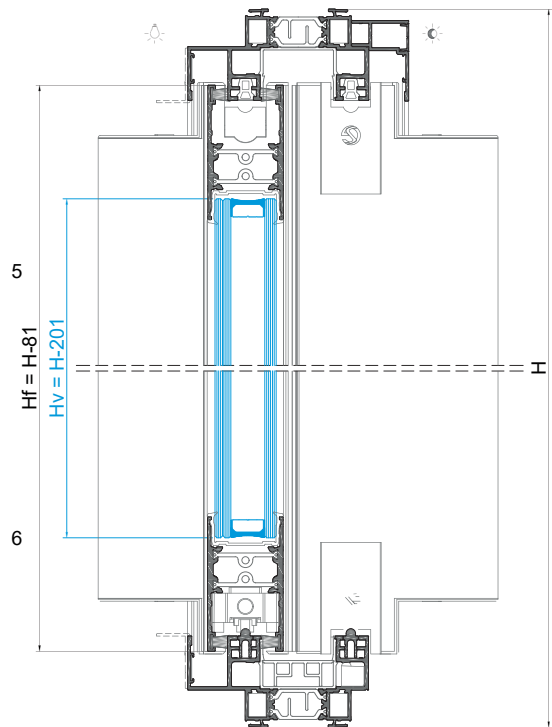
JANELA DE CORRER 3 FOLHAS 2-RAIL- LINHA FR  
3 SASHES 2-RAIL SLIDING WINDOW - FR LINE  
FENÊTRE COULISSANT 3 VANTAUX 2-RAIL - LIGNE FR

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 02	ARO FIXO   CADRE DORMANT FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	4	
JT 68	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	2	
JT 63	TRAVESSA SUP/INF LATERAL TRANSOM   TRAVERSE SUP/INF	(L-208)/3 (L-206)/3	-	4	
AT 30	CAPA COVER   CAPOT	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-44	-	1	
JT 85	CAPA COVER   CAPOT	-	H-58	2	
JT 87	GUIA GUIDE   GUIDE	L-102 L-97	-	1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-110)/3 (L-385)/3	H-44	2 + 2	



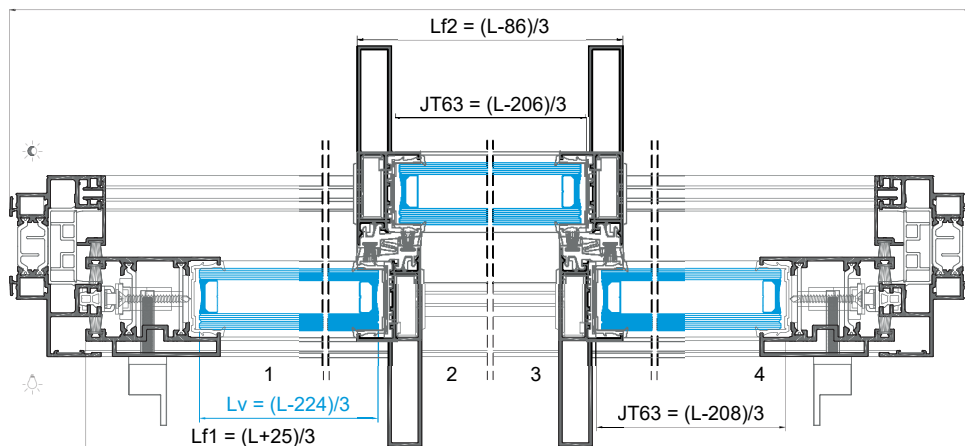
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ETANCHEÏTE	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ETANCHEÏTE	2
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   EQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMOUITS LATÉRAUX	2
210288	TOPO LATERAL JT68 28MM 28MM JT68 LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX JT68 28MM	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMOUITS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	8
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHE	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONAL)	8
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPOINT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPOINT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNEE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	1
212341	CONJ. TOPOS LAT. PINGADEIRA LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUÇO PK INOX PH 1 1/2X10 CQ SCREW   VIS	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



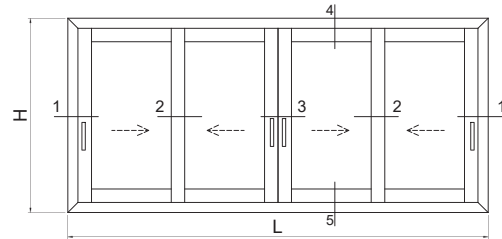
VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208009	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	4L + 10H

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



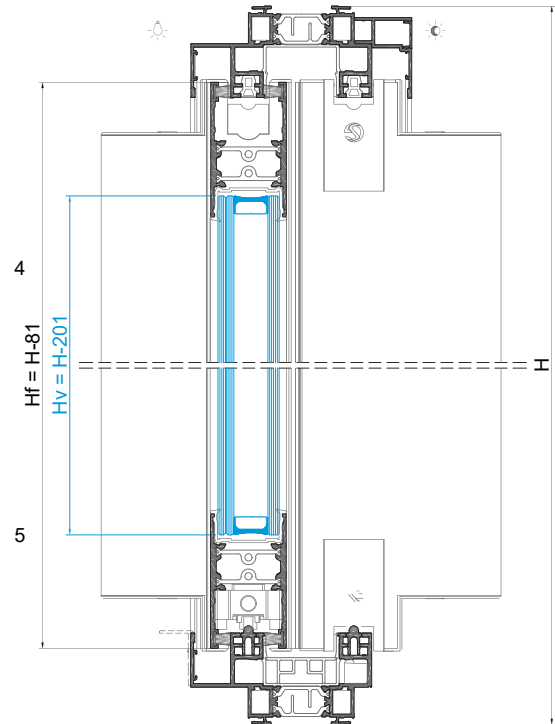
**JANELA DE CORRER 4 FOLHAS 2-RAIL COM LIGAÇÃO CENTRAL - LINHA FR**  
4 SASHES SLIDING 2-RAIL WINDOW WITH CENTRAL CONNECTION - FR LINE  
FENÊTRE COULISSANT 4 VANTAUX 2-RAIL AVEC CONNEXION CENTRALE - LIGNE FR

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	4	
JT 68	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	4	
JT 63	TRAVESSA SUP/INF UP/LW TRANSOM   TRAVERSE SUP/INF	(L-330)/4	-	8	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-149	1	
AT 30	CAPA COVER   CAPOT	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE   L'ARMER	L-44	-	1	
JT 85	CAPA COVER   CAPOT	-	H-58	2	
JT 87	GUIA GUIDE   GUIDE	L-102 L-97	-	1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-41	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-198)/4 (L-335)/4	H-44	2 + 2	

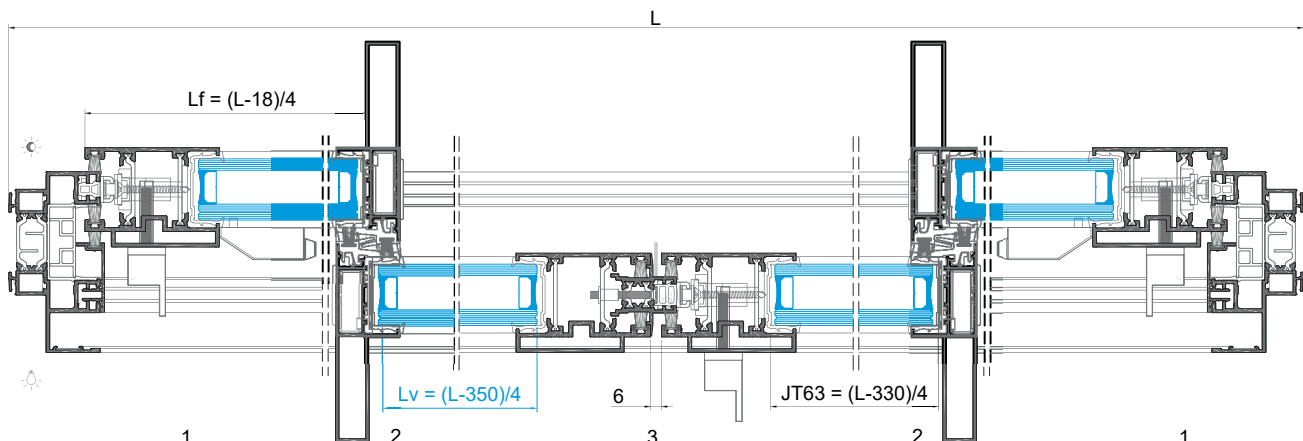


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	3
204164	ESQUADRO JT 12x9,5 CORNER GLEAT   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	4
210288	TOPO LATERAL JT68 28MM 28MM JT68 LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX JT68 28MM	8
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX REINFORÇÉ 28MM	8
212104	CONJ. TOPOS LIG. 2 FOLHAS JT SASHES CONNECTING END-CAPS KIT   KIT D'EMBOUITS CONNEXION 2 VANTAUX	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHÉ	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	4
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONTO	18
218154	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	18
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT   KIT FIXATION POUR SERRURE MULTIPONTO	DIVERSOS DIVERSES
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	2
212341	CONJ. TOPOS LAT. PINGADEIRA LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

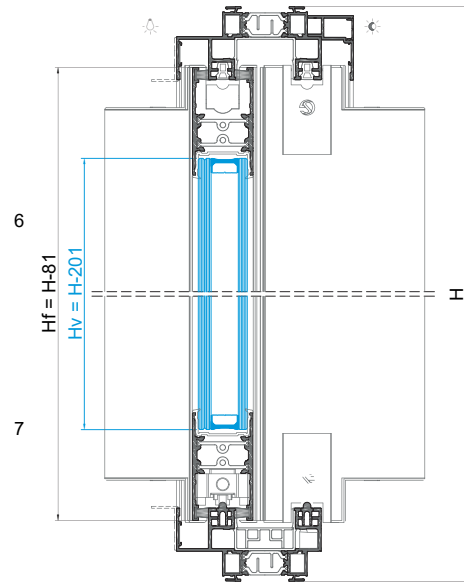
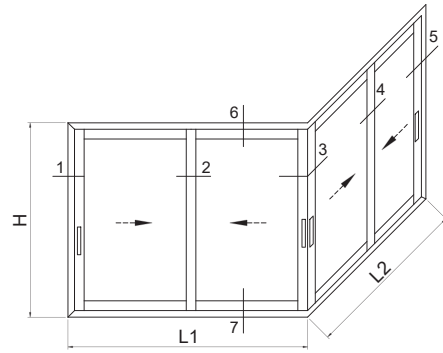


VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA FILE SEAL   JOINT BRUSSE	4L + 14H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H



**JANELA DE CORRER 4 FOLHAS 2-RAIL CANTO 90° - LINHA FR**  
4 SASHES 2-RAIL SLIDING WINDOW IN 90° CORNER - FR LINE  
FENÊTRE COULISSANT 4 VANTAUX 2-RAIL À ANGLE 90° - LIGNE FR

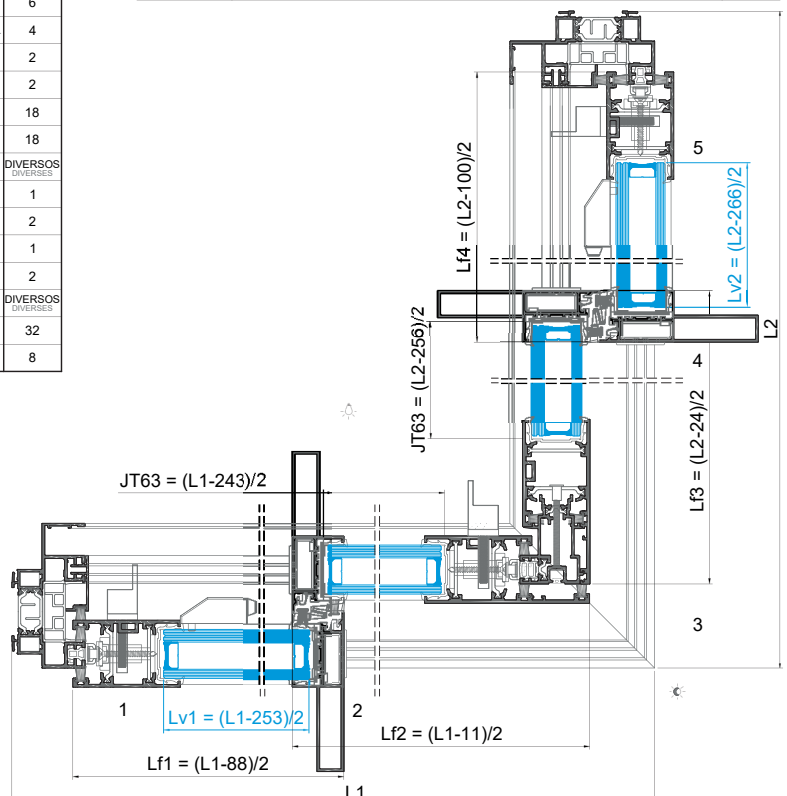
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME   CADRE DORMANT	L1 L2	H	2 2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR.   PR. LAT. D'ANGLE À 90°	-	H-81	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	(L1-243)/2 (L2-256)/2	-	4 4	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-149	1	
AT 30	CAPA COVER   CAPOT	L1-1 L2-1	-	1 1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE   LARMIER	L1-1 L2-1	-	1 1	
JT 85	CAPA COVER   CAPOT	-	H-58	2	
JT 87	GUIA GUIDE   GUIDE	L1-43 L1-112 L2-43 L2-112	-	1 1 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L1-38 L2-38	H-41	2 2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L1-122)/2 (L1-230)/2 (L2-134)/2 (L2-218)/2	H-44	1 1 1 + 2 1	



ACESSÓRIOS   ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ	
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	4	
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BROSSSE D'ÉTANCHÉITÉ ANGLE 90°	2	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	4	
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   ÉQUERRE	8	
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4	
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90°	1	
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS STEEL CORNER   ANGLE EN ACIER INOXYDABLE 90°	2	
213246	CANTO CR S/SB CORNER   ANGLE	4	
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	4	
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	4	
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS LATÉRAUX	4	
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	4	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS CENTRAUX	4	
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	8	
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUITS POUR ANGLE 90°	1	
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE (CLAPET À VOLET) CACHÉ	6	
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) CLAPETS À BILLE (OPTIONEL)	6	
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	3	
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6	
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPOINT	4	
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2	
218154	CALÇO P/ C-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2	
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPOINT	18	
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	18	
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT   KIT FIXATION SERRURE MULTIPOINT	DIVERSOS DIVERSES	
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1	
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	2	
212341	CONJ. TOPOS LAT. PINGADEIRA LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1	
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITÉUR D'OUVERTURE	2	
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIVERSES	
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32	
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8	

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

VEDANTES   SEALS   JOINTS			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ	
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L1 + 2H 2L2	
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L1 + 8H 2L2	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L1 + 15H 4L2	
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H	
208435	JUNTA VD 2415 JOINT   JOINT	H	

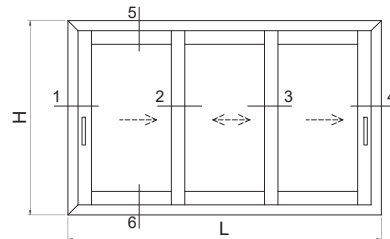


As fórmulas foram concebidas para medidas de vidros iguais. Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.  
The formulas were designed for glasses with equal measures. In this typology there are 4 distinct sash widths: Lf1, Lf2, Lf3 and Lf4.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 4 largeurs de vantaux distinctes: Lf1, Lf2, Lf3 et Lf4.



**JANELA DE CORRER 3 FOLHAS 3-RAIL - LINHA FR**  
3 SASHES 3-RAIL SLIDING WINDOW - FR LINE  
FENÊTRE COULISSANT 3 VANTAUX 3-RAIL - LIGNE FR

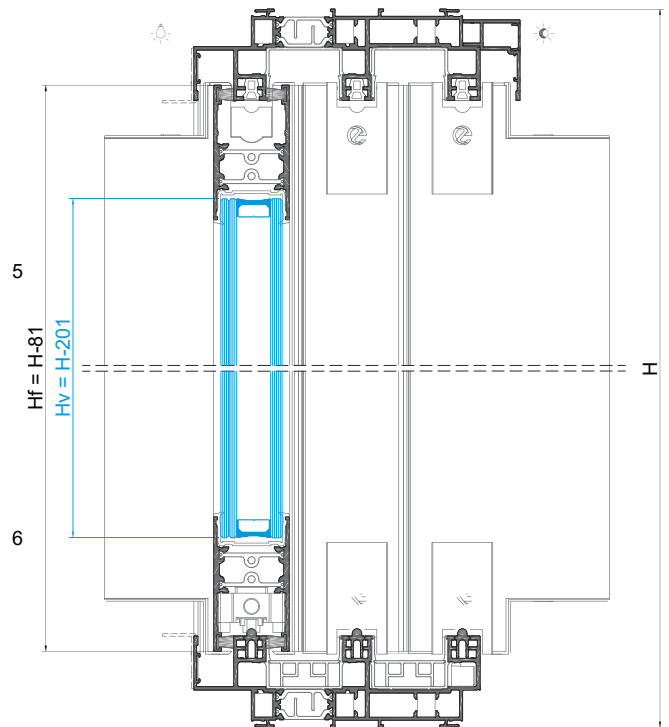
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 03	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	4	
JT 68	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	2	
JT 63	TRAVESSA SUP/INF LATERAL TRANSOM   TRAVERSE SUP/INF	(L-209)/3 (L-207)/3	-	4	
AT 30	CAPA COVER   CAPOT	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIERA	L-44	-	1	
JT 88	CAPA COVER   CAPOT	-	H-58	2	
JT 87	GUIA GUIDE   GUIDE	L-100 L-97	-	2 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-81	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-41	H-41	4 + 4	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-109)/3 (2L-298)/3	H-44	2 + 4	



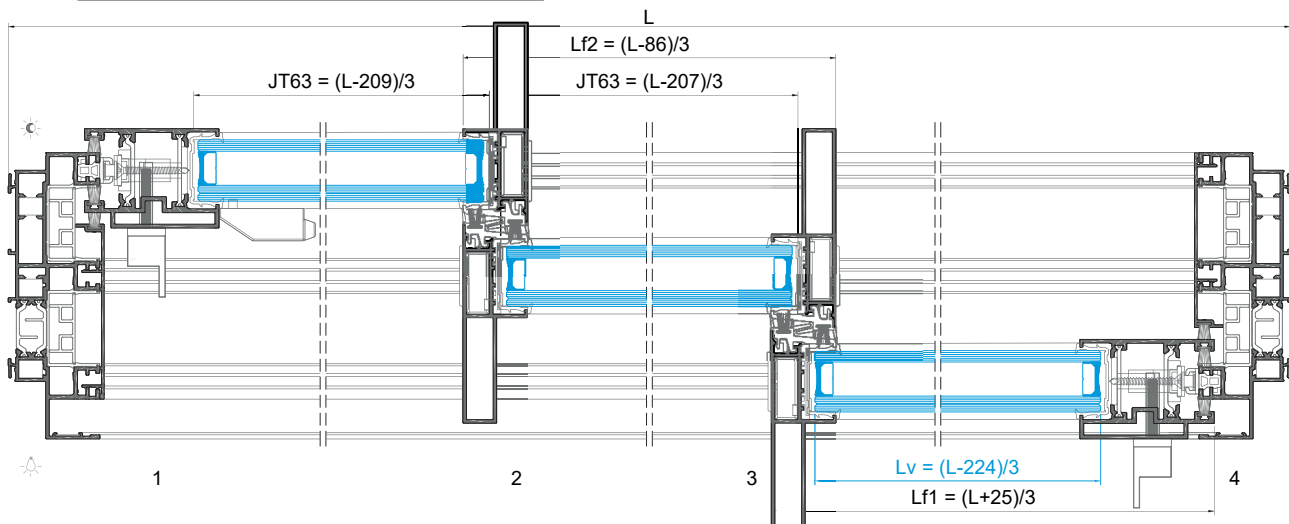
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ETANCHÉITÉ	4	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ETANCHÉITÉ	2	
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   EQUERRE	12	
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4	
213246	CANTO CR S/SB CORNER   ANGLE	4	
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX	2	
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	2	
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2	
210288	TOPO LATERAL JT68 28MM 28MM JT68 LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX JT68 28MM	4	
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	4	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4	
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX REFORÇÉ 28MM	8	
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHÉ	3	
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPE À BILLE (OPTIONEL)	4	
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	2	
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4	
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	4	
218198	CALCO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONTO	12	
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12	
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1	
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1	
212341	CONJ. TOPOS LAT. PINGADEIRA LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATERAUX POUR REJET D'EAU	1	
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1	
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIVERSES	
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	24	
218137	CALCO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6	

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



VEDANTES   SEALS   JOINTS			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	3L + 2H	
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 6H	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 10H	



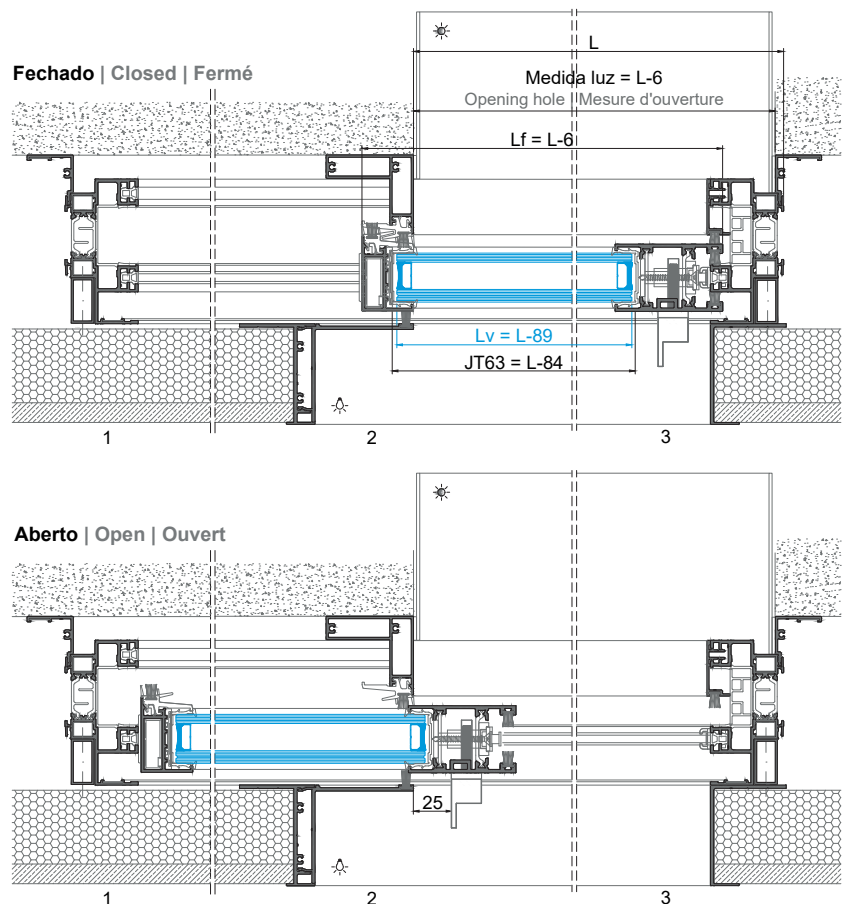
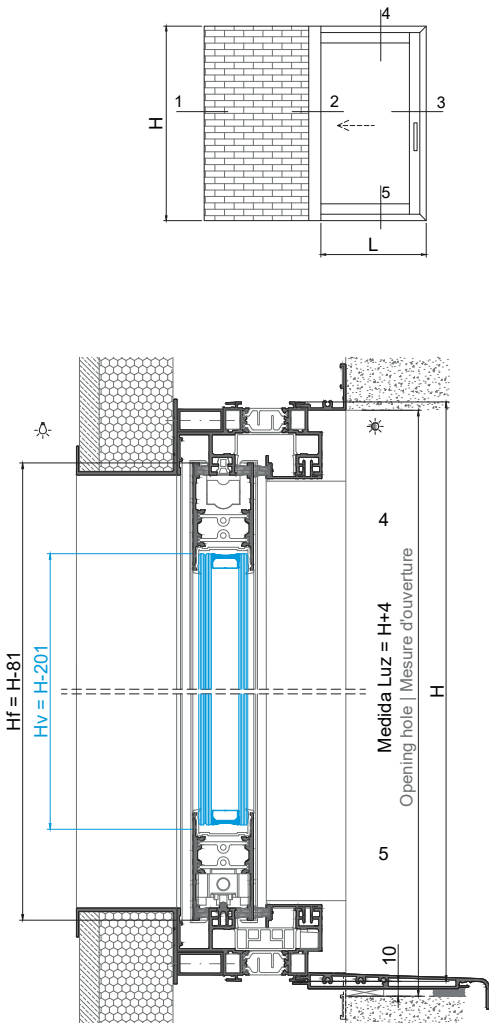
**JANELA DE CORRER 1 FOLHA DE EMBUTIR 2-RAIL - LINHA FR**  
1 SASH POCKET 2-RAIL SLIDING WINDOW - FR LINE  
FENÊTRE COULISSANT 1 VANTAIL 2-RAIL À GALANDAGE - LIGNE FR

PERFIS   PROFILÉS   PROFILÉS					
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME   CADRE DORMANT	2L-24	H	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	1	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-81	1	
JT 63	TRAVESSA SUP/INF UP/DOWN TRANSOM   TRAVERSE SUP/INF	L-84	-	2	
JT 85	CAPA COVER   CAPOT	L-51	H-58	2 + 1	
JT 87	GUIA GUIDE   GUIDE	2L-121	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-95	1	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-97	1	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-97	1	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L+86	H+3	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L-14	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	2L+26 +1	H+50	1 + 2	
KP 32	TUBO TUBE   TUBE	Variável   Variable   Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-95 H-81	1 1	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	2L-64	H-41	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	L-49 L-95	H-44	1 + 1	

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 3H
208099	JUNTA VDRO U 1032 CX 32MM JT GLASS GASKET   JOINT DE VITRAGE	2L + 2H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	6L + 5H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BROSSE	H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	2
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	1
204164	ESQUADRO JT 12x9.5 CORNER GLAZING   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	7
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS LATÉRAUX	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	1
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS CENTRAUX	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHÉ	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONNEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	2
218198	CALÇO P/ MULTIPONTO S05 JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
212085	CONJ. TOPOS JT93 JTS END-CAPS KIT   KIT D'EMBOUITS JT93	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUITS KE71	1
212227	CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOL. KE71 KE71 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS KE71	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT   KIT D'EMBOUITS INFÉRIEUR RENOVATIO	1
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW   VIS	DIVERSOS DIFFÉRENTS
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	2

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



**JANELA DE CORRER 2 FOLHAS DE EMBUTIR 2-RAIL CANTO 90° - LINHA FR**  
2 SASHES POCKET 2-RAIL SLIDING WINDOW 90° CORNER - FR LINE  
FENÊTRE COULISSANT 2 VANTAUX À GALANDAGE 2-RAIL EN ANGLE 90° - LIGNE FR

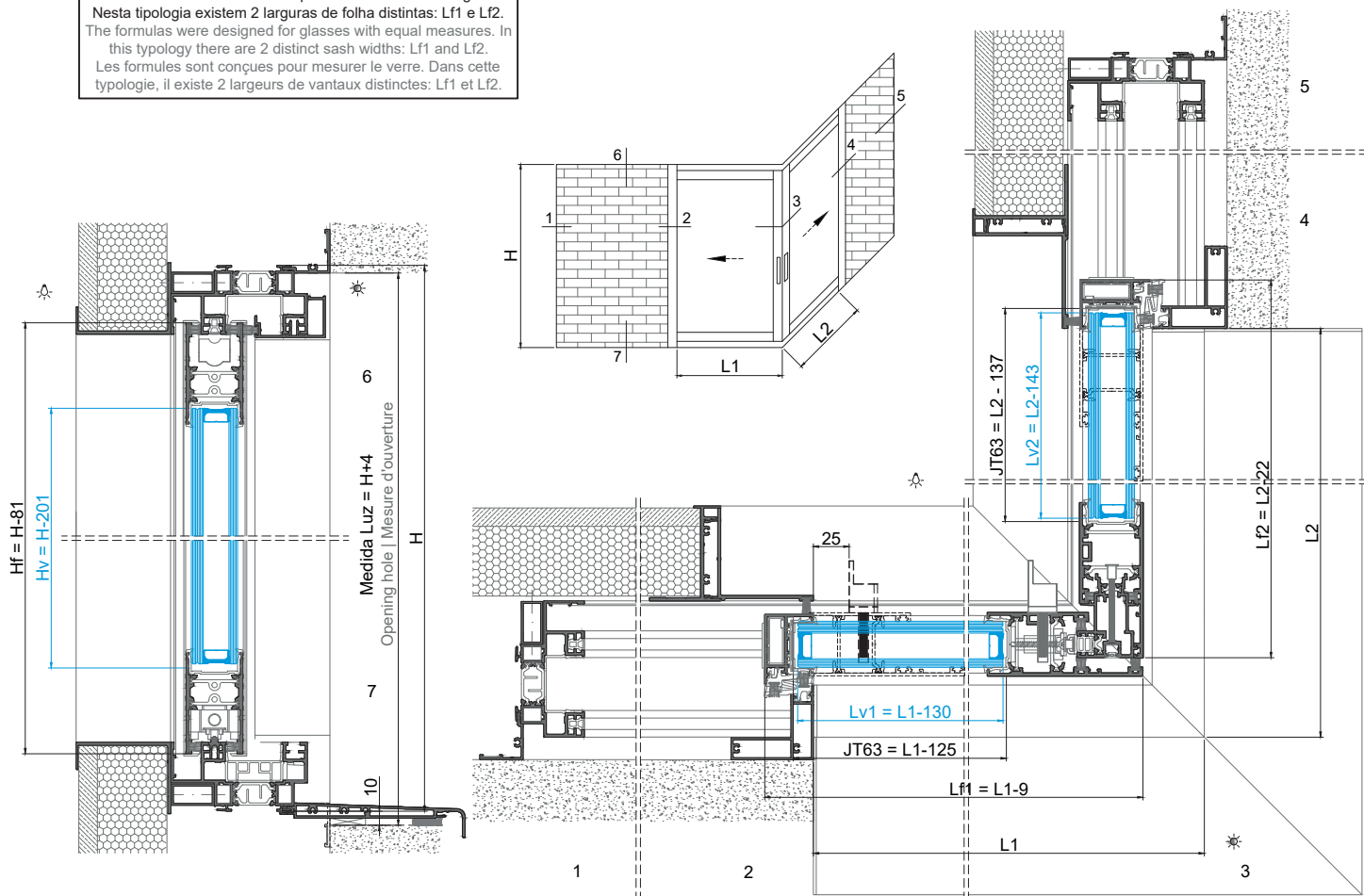
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME   CADRE DORMANT	2L1-66 2L2-78	H	2 2+2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-81	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR.   PR. LAT. D'ANGLE À 90°	-	H-81	2	
JT 63	TRAVESSA SUPINF UPDOWN TRANSOM   TRAVERSE SUPINF	L1-125 L2-137	-	2 2	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE   PROFILÉ DE LIASION	-	H-150	1	
JT 85	CAPA COVER   CAPOT	L1-1 L2-1	-	2 2	
JT 87	GUIA GUIDE	2L1-120 2L2-188	-	1 1	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-95	2	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-97	2	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-97	2	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1-12 L2-12	-	2 2	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1+109 L2+109	-	1 1	
KE 90	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	(2xL1)-25 L1-41 (2xL2)-38 L2-53	H+50	1 1+2 1 1	
KP 32	TUBO TUBE   TUBE	Variável	Variable   Variable		
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-95 H-81	2 2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	2L1-103 2L2-116	H-49	2 2+2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	L1-123 L1-137 L2-123 L2-150	-	1 1 1 1	

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L1 2L2+4H
208099	JUNTA VDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L1+4H 2L2+4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROISSE	6L1+9H 6L2
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT JOINT	H
208435	JUNTA VD 2415 JOINT JOINT	H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BROISSE	2H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROISSE CENTRALE D'ÉTANCHÉITÉ	4
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BROISSE D'ÉTANCHÉITÉ ANGLE 90°	2
212337	CONJ. ESTANO. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROISSE CENTRALE D'ÉTANCHÉITÉ	4
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   LÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT UNION ANGLE 90°	1
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS STEEL CORNER   ANGLE EN ACIER INOXYDABLE 90°	2
213246	CANTO CR S/SB CORNER   ANGLE	8
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUITS POUR ANGLE 90°	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE   CLAPE À VOLET CACHE	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BALLE (OPTIONEL)	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIASION	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT   KIT FIXATION SERRURE MULTIPONT	DIVERSOS
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212085	CONJ. TOPOS JT93 JT93 END-CAPS KIT   KIT D'EMBOUITS JT93	2
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUITS KE71	1
212227	CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOL. KE71 KE71 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS KE71	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT   KIT D'EMBOUITS INFÉRIEUR RENOVATIO	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

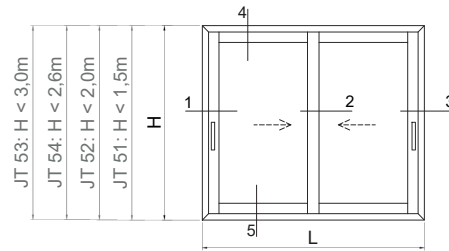
As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.





JANELA DE CORRER 2 FOLHAS 2-RAIL - LINHA PT  
2 SASHES 2-RAIL SLIDING WINDOW - PT LINE  
FENÊTRE COULISSANT 2 VANTAUX 2-RAIL - LIGNE PT

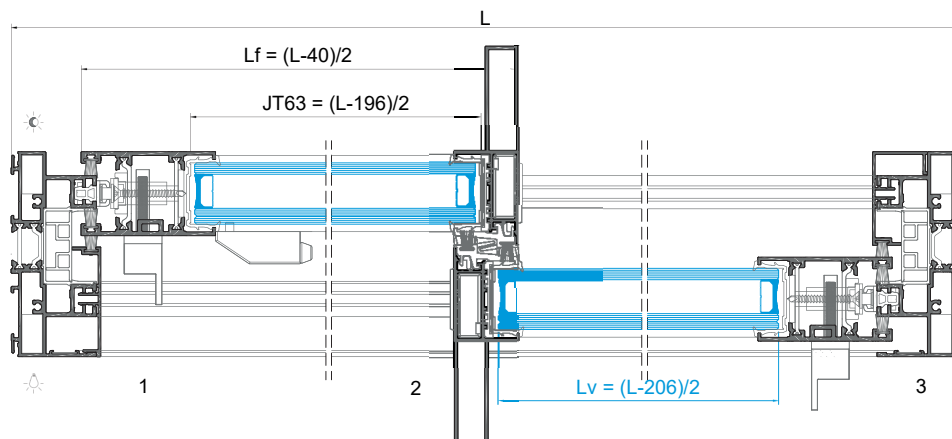
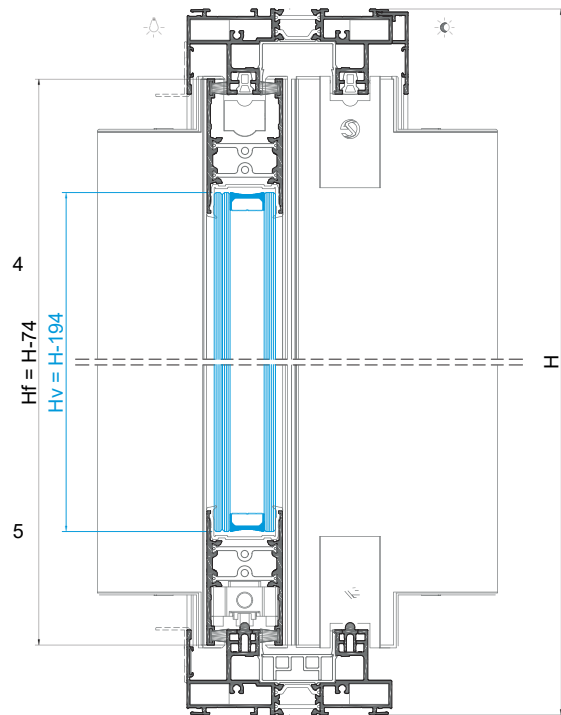
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	2	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/DOWN TRANSOM   TRAVERSE SUP/INF	(L-196)/2	-	4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 90	CAPA COVER   CAPOT	-	H-37	1	
JT 92	CAPA COVER   CAPOT	-	H-37	1	
JT 87	GUIA GUIDE   GUIDE	L-93	-	2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-34	H-34	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-130)/2	H-37	2 + 2	



ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	1
204153	ESQUADRO JT 11x20,5 CORNER CLEAT   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/ SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX RENFORCÉ 28MM	4
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTERIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONNEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATERAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

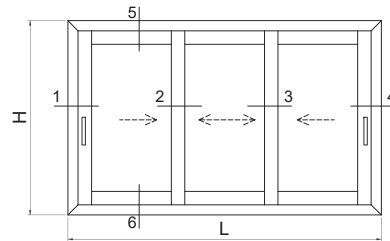
\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	4L + 8H



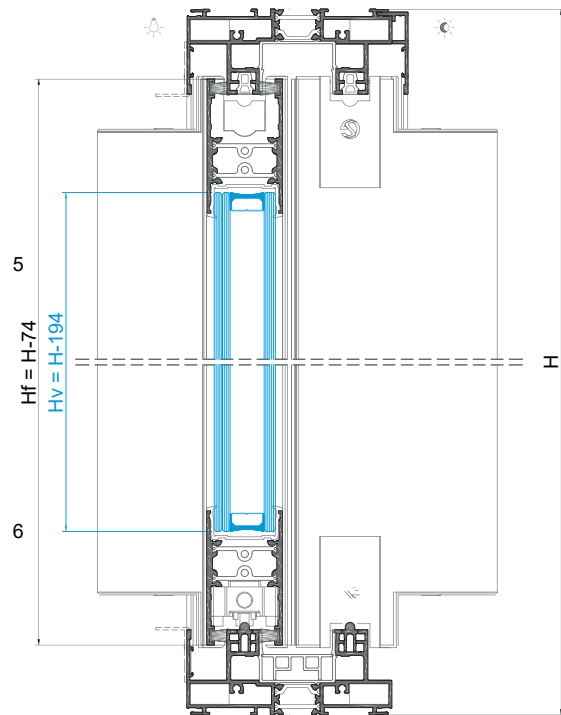
JANELA DE CORRER 3 FOLHAS 2-RAIL - LINHA PT  
3 SASHES 2-RAIL SLIDING WINDOW - PT LINE  
FENÊTRE COULISSANT 3 VANTAUX 2-RAIL - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/DOWN TRANSOM   TRAVERSE SUP/INF	(L-202)/3 (L-200)/3	-	4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   LARMIER	L-4	-	1	
JT 92	CAPA COVER   CAPOT	-	H-37	2	
JT 87	GUIA GUIDE   GUIDE	L-96 L-90	-	1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-34	H-34	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-103)/3 (L-377)/3	H-37	2 + 2	



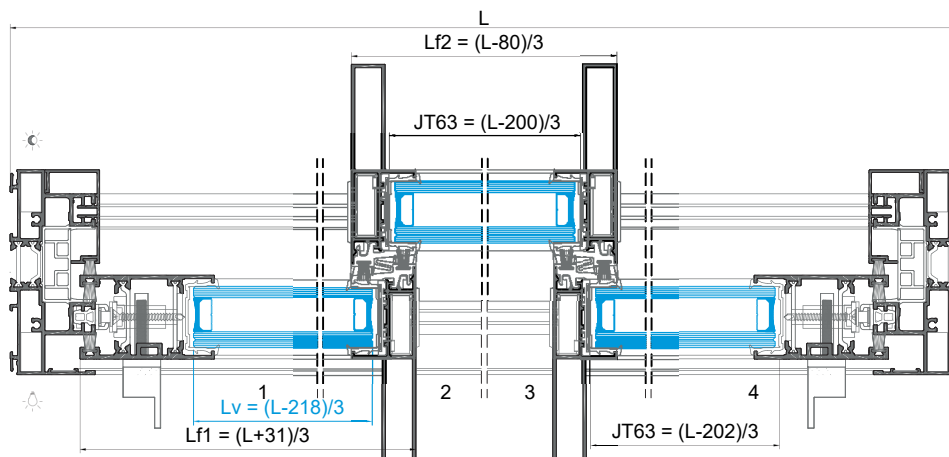
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	2
204153	ESQUADRO JT 11x20,5 CORNER CLEAT   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	8
210268	GOTEIRA C/ VALV. S/VALV. PUTSIDE LAP VALVE / CLAPE À VOILET EXTERIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) / CLAPETS À BILLE (OPTIONNEL)	8
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRICKING PLATE / GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



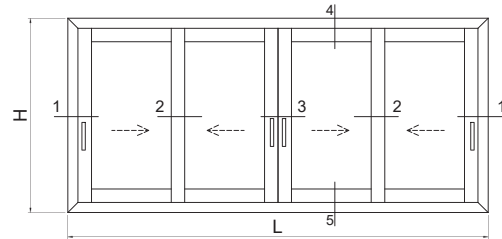
VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	4L + 10H

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



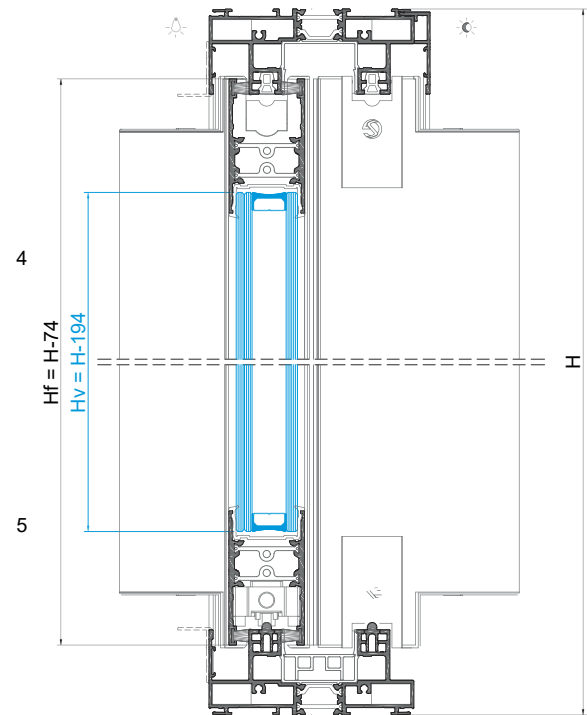
JANELA DE CORRER 4 FOLHAS 2-RAIL COM LIGAÇÃO CENTRAL - LINHA PT  
4 SASHES 2-RAIL SLIDING WINDOW WITH CENTRAL CONNECTION - PT LINE  
FENÊTRE COULISSANT 4 VANTAUX 2-RAIL AVEC CONNEXION CENTRALE - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	4	
JT 63	TRAVESSA SUP/INF UP/DOWN TRANSOM   TRAVERSE SUP/INF	(L-324)/4	-	8	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-142	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 90	CAPA COVER   CAPOT	-	H-37	2	
JT 87	GUIA GUIDE   GUIDE	L-96 L-90	-	1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-34	H-34	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-190)/4 (L-328)/4	H-37	2 + 2	

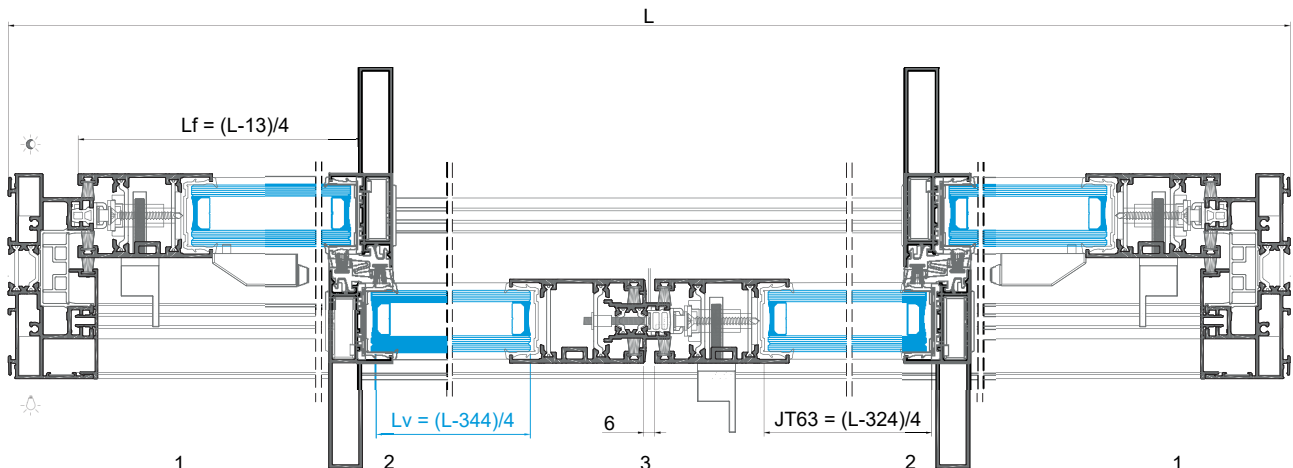


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ETANCHÉITE	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ETANCHÉITE	3
204153	ESQUADRO JT 11x20,5 CORNER CLEAT   EQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JTS4 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	8
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT   KIT D'EMBOUTS CONNEXION 2 VANTAUX	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONNEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	4
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90º JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONTO	18
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	18
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT   KIT FIXATION POUR SERRURE MULTIPONTO	DIVERSOS
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	2
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 14H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H

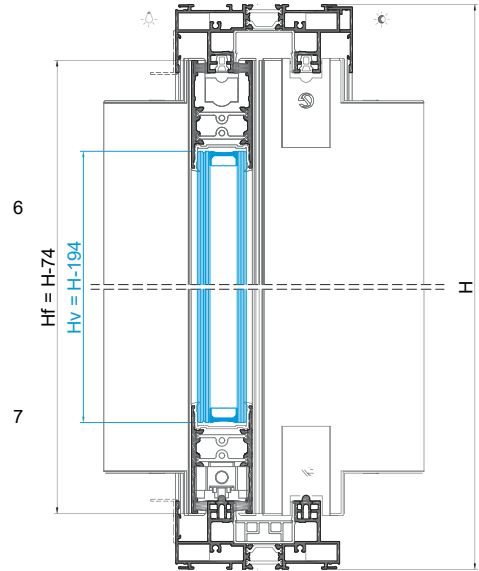
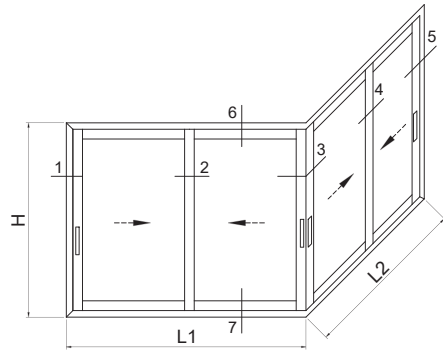


**JANELA DE CORRER 4 FOLHAS 2-RAIL CANTO 90° - LINHA PT**  
4 SASHES 2-RAIL SLIDING WINDOW 90° CORNER - PT LINE  
FENÊTRE COULISSANT 4 VANTAUX 2-RAIL À ANGLE 90° - LIGNE PT

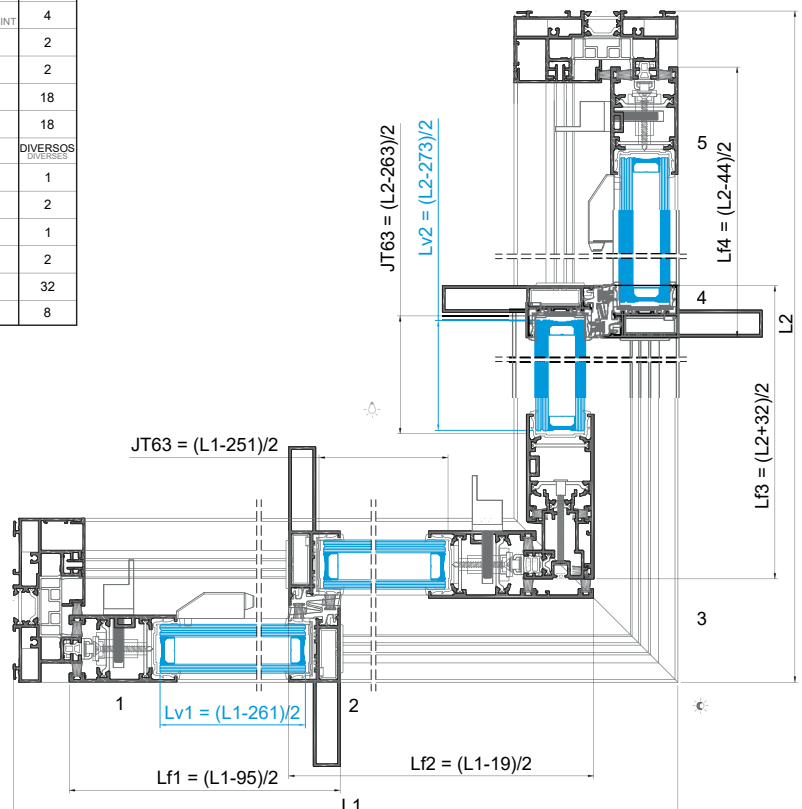
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	ARO FIXO FIXED FRAME   CADRE DORMANT	L1 L2	H	2 2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR. TER. LAT. D'ANGLE À 90°	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	(L1-251)/2 (L2-263)/2	-	4 4	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-143	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L1+19 L2+19	-	1 1	
JT 90	CAPA COVER   CAPOT	-	H-37	2	
JT 87	GUIA GUIDE   GUIDE	L1-48 L1-106 L2-48 L2-106	-	1 1 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L1-34 L2-34	H-34	2 2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L1-117)/2 (L2-130)/2 (L2-280)/2	H-37	1 1 + 2 1	

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BRASSE CENTRALE D'ETANCHÉITÉ	4	
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BRASSE D'ETANCHÉITÉ ANGLE 90°	2	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BRASSE CENTRALE D'ETANCHÉITÉ	4	
204153	ESQUADRO JT 11x20.5 CORNER END-CAP   ÉQUERRE	8	
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4	
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90°	1	
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS CORNER   ANGLE EN ACIER INOXYDABLE 90°	2	
213246	CANTO CR S/ SB CORNER   ANGLE	4	
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATÉRAUX	4	
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	4	
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	4	
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	4	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4	
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX RENFORCÉ 28MM	8	
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUS POUR ANGLE 90°	1	
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6	
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONNEL)	6	
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	3	
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6	
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4	
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2	
218154	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIASION	2	
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	18	
212371	CONJ. FIXAÇÃO JT FIXING KIT   FIXATION	18	
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT   KIT FIXATION SERRURE MULTIPONT	DIVERSOS DIVERSES	
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1	
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	2	
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATÉRAUX POUR REJET D'EAU	1	
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2	
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VS	32	
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8	

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L1 + 2H 2L2 + 2H	
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L1 + 8H 2L2 + 8H	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BRASSE	4L1 + 15H 4L2	
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H	
208435	JUNTA VD 2415 JOINT   JOINT	H	



As fórmulas foram concebidas para medidas de vidros iguais. Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.  
The formulas were designed for glasses with equal measures. In this tipologia there are 4 distinct sash widths: Lf1, Lf2, Lf3 and Lf4.  
Les formules sont conçues pour mesurer le verre. Dans cette tipologia, il existe 4 larguras de vantaux distinctes: Lf1, Lf2, Lf3 et Lf4.

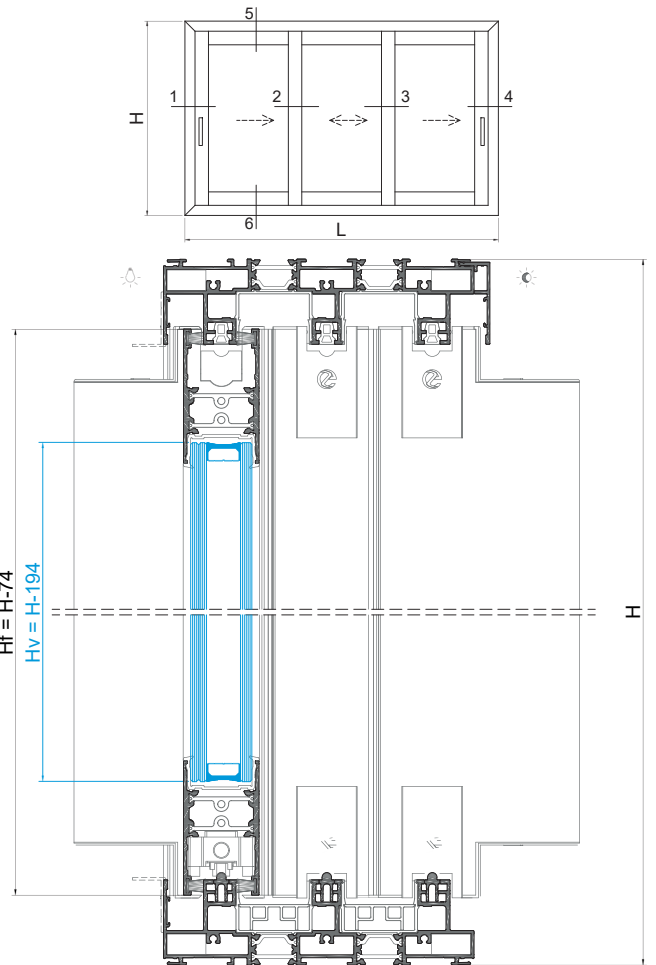


JANELA DE CORRER 3 FOLHAS 3-RAIL - LINHA PT  
3 SASHES 3-RAIL SLIDING WINDOW - PT LINE  
FENÊTRE COULISSANT 3 VANTAOX 3-RAIL - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 13	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/LWR TRANSOM   TRAVERSE SUP/INF	(L-202)/3 (L-200)/3	-	4 2	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   LARMIER	L-4	-	1	
JT 90	CAPA COVER   CAPOT	-	H-37	1	
JT 91	CAPA COVER   CAPOT	-	H-51	2	
JT 92	CAPA COVER   CAPOT	-	H-37	1	
JT 87	GUIA GUIDE   GUIDE	L-93 L-96	-	2 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	4	
215305	PERFIL PVC U PVC PROFILE   PROFILÉ PVC U	L-34	H-34	4 + 4	
215303	PERFIL PVC T PVC PROFILE   PROFILÉ PVC T	(L-103)/3 (2L-285)/3	H-37	2 + 4	

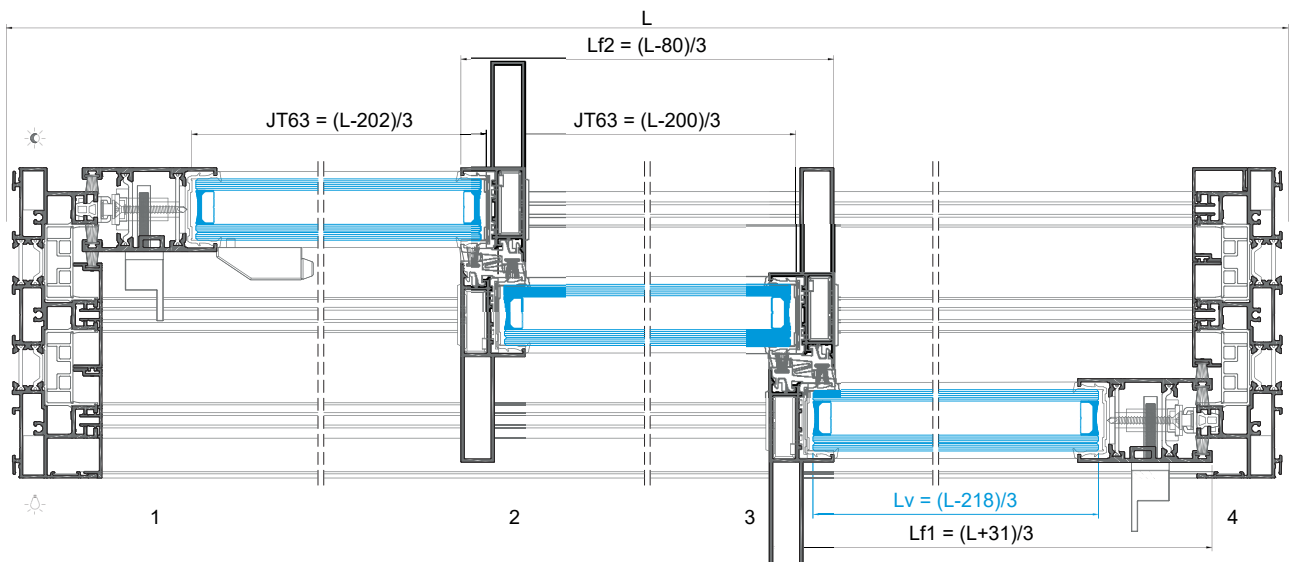
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	2
204153	ESQUADRO JT 11x20,5 CORNER   CLÉAT   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	4
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	8
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLES (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	3L + 2H
208099	JUNTA IV/DRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA FILE SEAL   JOINT BROSSSE	4L + 10H

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.

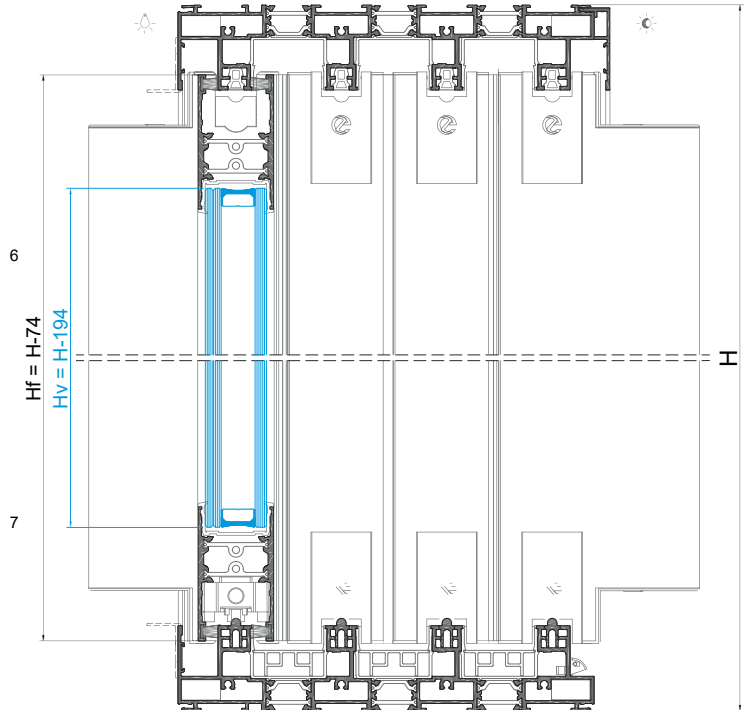
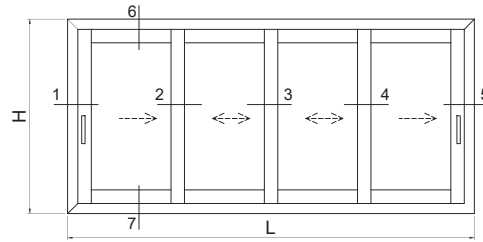


**JANELA DE CORRER 4 FOLHAS 4-RAIL - LINHA PT**  
4 SASHES 4-RAIL SLIDING WINDOW - PT LINE  
FENÊTRE COULISSANT 4 VANTAUX 4-RAIL - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 33	ARO FIXO FIXED FRAME   CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	6	
JT 64	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	1	
JT 65	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	1	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	(L-208)/4 (L-204)/4	-	4 4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 90	CAPA COVER   CAPOT	-	H-37	1	
JT 91	CAPA COVER   CAPOT	-	H-51	4	
JT 92	CAPA COVER   CAPOT	-	H-37	1	
JT 87	GUIA GUIDE	L-93	-	4	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	6	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-34	H-34	6 + 6	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-76)/4 (L-128)/2 (3L-438)/4	H-37	2 2 + 6 2	

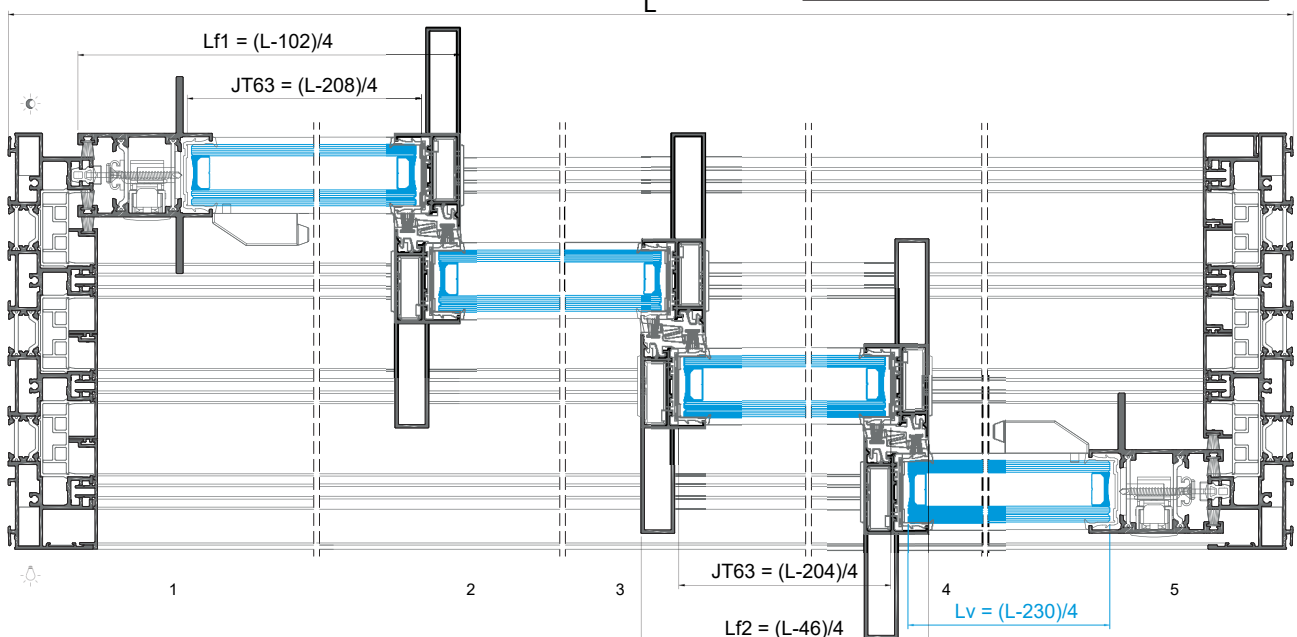
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ETANCHÉITÉ	6	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSSE CENTRALE D'ETANCHÉITÉ	3	
204153	ESQUADRO JT 11x20.5 CORNER CLEAT   ÉQUERRE	8	
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4	
213246	CANTO CR S/SB CORNER   ANGLE	4	
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX	2	
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	2	
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUS LATERAUX	2	
210239	TOPO JT64/JT65 28MM 28MM JT64/JT65 END-CAP   EMBOUT JT64/JT65 28MM	6	
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	6	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUS CENTRAUX	6	
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX REINFORCÉ 28MM	12	
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3	
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONEL)	4	
211180	FERRAGEM MULTIPONTO ALU MFE-1000 (2P) MULTIPOINT HARDWARE   SERRURE MULTIPONT	2	
202085	CONTRA-FECHO 2070.870 STRIKING PLATE   GÂCHE	4	
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4	
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	8	
201380	FECHO DE EMBUTIR R2511X BUILT-IN HANDLE   POIGNÉE INTÉGRÉE	2	
204716	GANCHO LIG. MULTIPONTO GMB MULTIPOINT CONNECTION HOOK   CROCHET DE CONNEXION MULTIPONT	2	
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATERAUX POUR REJET D'EAU	1	
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2	
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32	
218137	CALÇO REFORÇO HORIZONTAL JT * CENTRAL REINFORCEMENT HORIZONTAL	8	

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE	
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	4L + 2H	
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 8H	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 12H	

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



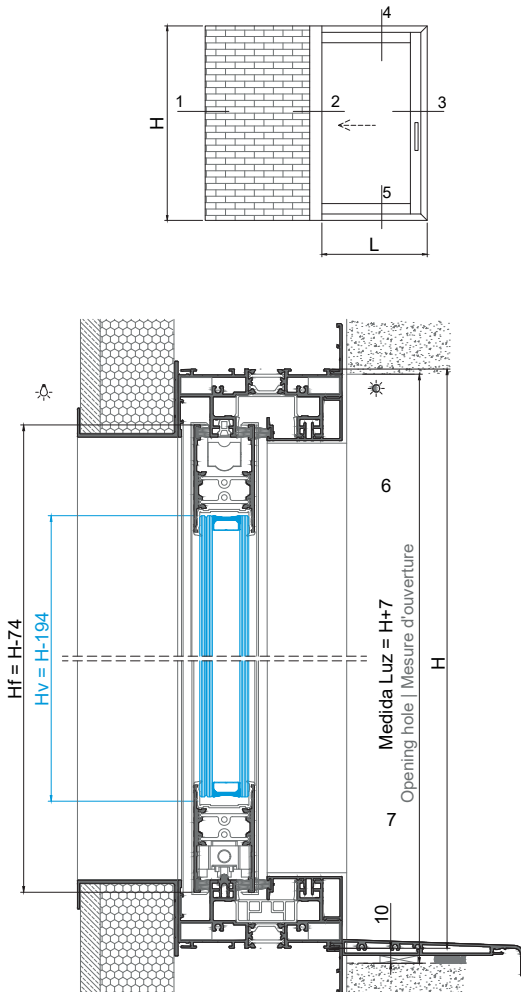
JANELA DE CORRER 1 FOLHA DE EMBUTIR 2-RAIL - LINHA PT  
1 SASH POCKET 2-RAIL SLIDING WINDOW - PT LINE  
FENÊTRE COULISSANT 1 VANTAIL À GALANDAGE 2-RAIL - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 12	ARO FIXO FIXED FRAME   CADRE DORMANT	2L-24	H	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	1	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	1	
JT 63	TRAVESSA SUP/INF UP/DN TRANSOM   TRAVERSE SUP/INF	L-81	-	2	
JT 92	CAPA COVER   CAPOT	L-19	H-37	2 + 1	
JT 87	GUIA GUIDE   GUIDE	2L-114	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-38	1	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	1	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	1	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L+84	H+10	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L-23	-	1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	2L+36 L+6	H+60	1 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	2L-58	H-34	2 + 2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	L-92 L-34	H-37	1 + 1	

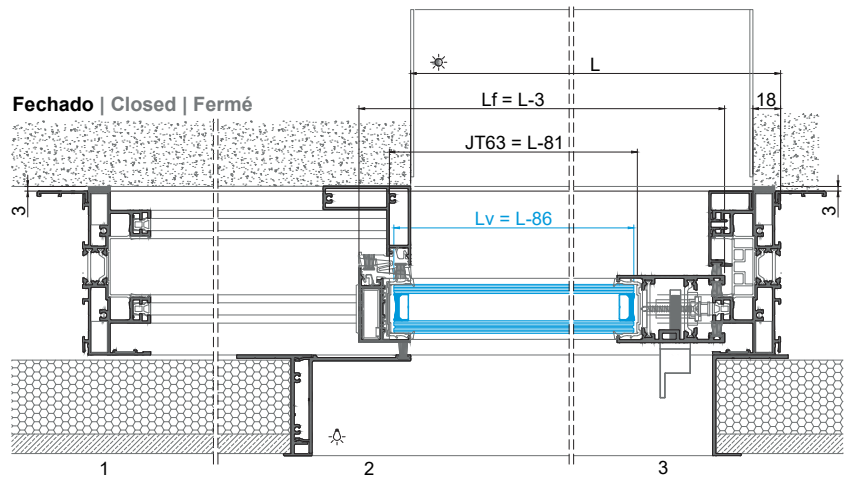
VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	1L + 3H
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 2H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	6L + 5H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BROSSE	H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER   ROULETTE	2
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
212337	CONJ. ESTANO. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	1
204164	ESQUADRO JT 12x9.5 CORNER GLEAT   ÉQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	7
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	1
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPONTO HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONTO HARDWARE SHIM   CALE POUR MULTIPONTO	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
212221	CONJ. TAPA TOPOS KE71 KIT END-CAPS KIT   KIT D'EMBOUITS KE71	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT* HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	2

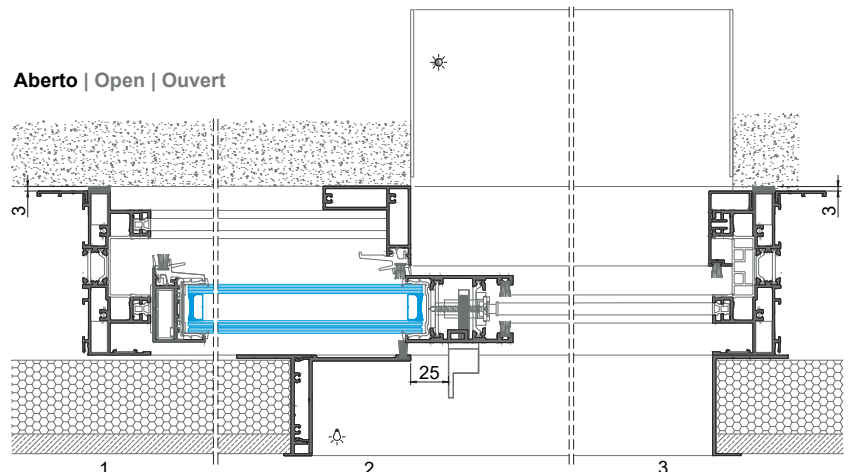
\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



Fechado | Closed | Fermé



Aberto | Open | Ouvert



**JANELA DE CORRER 2 FOLHAS DE EMBUTIR 2-RAIL CANTO 90° - LINHA PT**  
2 SASHES POCKET 2-RAIL SLIDING WINDOW 90° CORNER - PT LINE  
FENÊTRE COULISSANT 2 VANTAUX À GALANDAGE 2-RAIL À ANGLE 90° - LIGNE PT

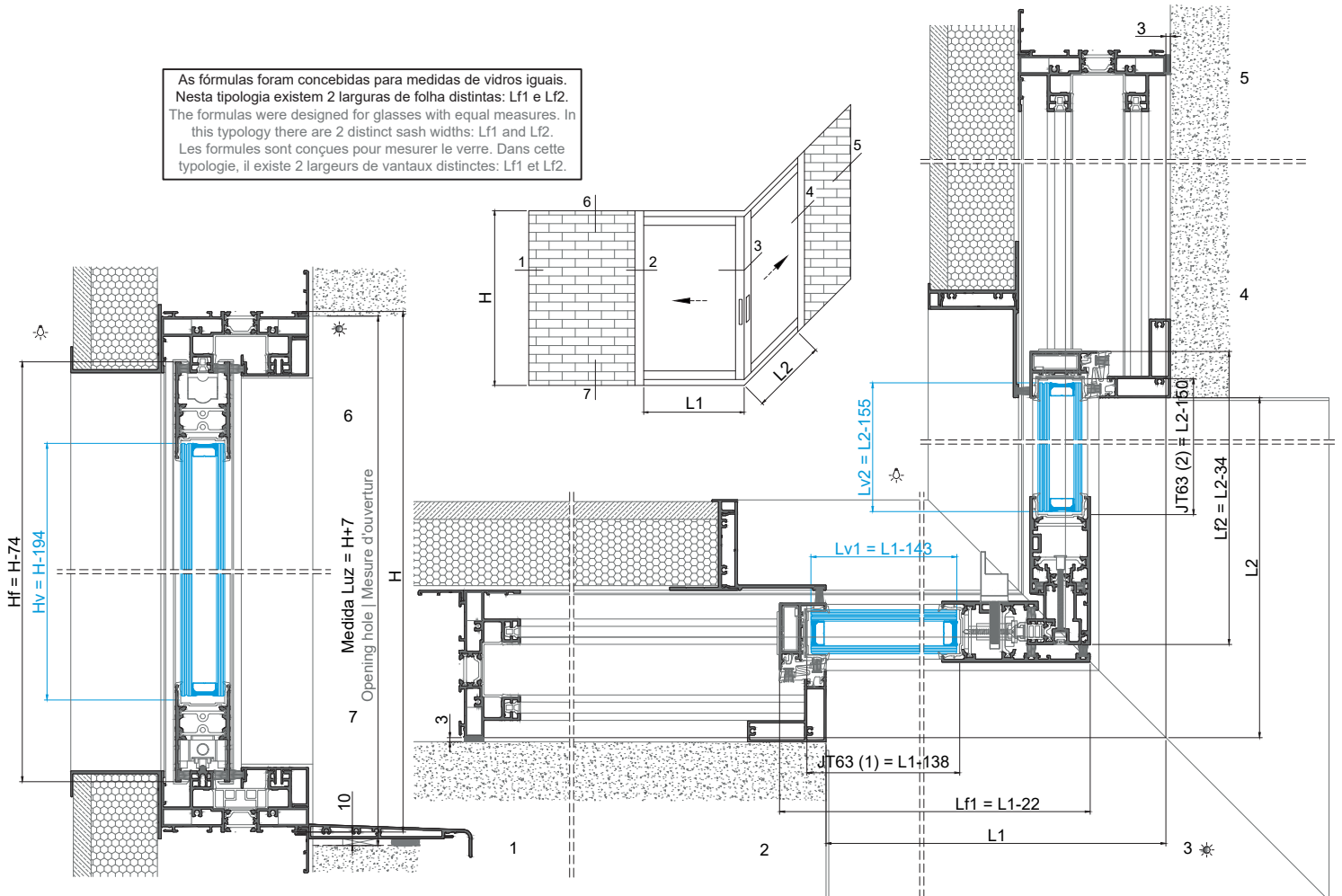
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERT.	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	ARO FIXO   CADRE DORMANT	2L1-80 2L2-94	H	2 2+2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR.   PR. LAT. D'ANGLE À 90°	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSOM   TRAVERSE SUP/INF	L1-138 L2-150	-	2	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE   PROFILÉ DE LIASION	-	H-143	1	
JT 92	CAPA COVER   CAPOT	L1-1 L2-1	-	2	
JT 87	GUIA GUIDE	2L1-199 2L2-213	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-38	2	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1-29 L2-29	-	2	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1+118 L2+118	-	1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	(2xL1)-158 L1-115 (2xL2)-173 L2-129	H+60	1 1+2 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	2L1-126 2L2-140	H-34	2+2	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	L1-148 L1-133 L2-133 L2-162	-	1 1 1 1	

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L1+4H 2L2
208099	JUNTA VDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L1+4H 2L2
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROUSSE	6L1*9H 6L2
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H
208435	JUNTA VD 2415 JOINT   JOINT	H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BROUSSE	2H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROsse CENTRALE D'ETANCHÉITÉ	4
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BROsse D'ETANCHÉITÉ ANGLE 90°	2
212337	CONJ. ESTANO. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROsse CENTRALE D'ETANCHÉITÉ	4
204153	ESQUADRO JT 11x20.5 CORNER CLEAT   LEQUERRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90°	1
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS STEEL CORNER   ANGLE EN ACIER INOXYDABLE 90°	2
213246	CANTO CR S/SB CORNER   ANGLE	8
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIO LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUITS POUR ANGLE 90°	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL BEARING (OPTIONAL)   CLAPETS À BALLE (OPTIONNEL)	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIASION	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT   KIT FIXATION SERRURE MULTIPONT	DIVERSOS DIVERS
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUITS KE71	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures.  
In this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



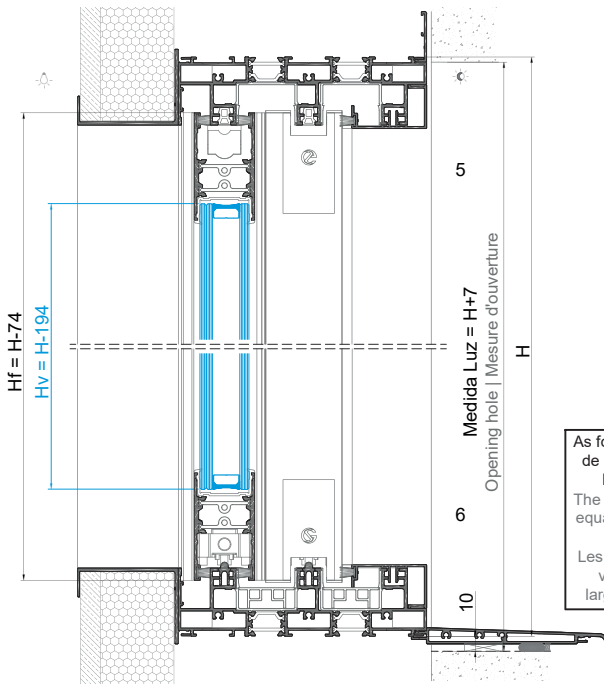
**JANELA DE CORRER 4 FOLHAS DE EMBUTIR 3-RAIL COM LIGAÇÃO CENTRAL - LINHA PT**  
4 SASHES POCKET 3-RAIL SLIDING WINDOW WITH CENTRAL CONNECTION - PT LINE  
FENÊTRE COULISSANT 4 VANTAUX À GALANDAGE 3-RAIL AVEC CONNEXION CENTRALE - LIGNE PT

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 13	ARO FIXO FIXED FRAME   CADRE DORMANT	(3L+244)/2	H	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	4	
JT 53	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	2	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	(L-107)/4 (L-104)/4	-	4 4	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-142	1	
JT 92	CAPA COVER   CAPOT	L-5	-	2	
JT 91	CAPA COVER   CAPOT	(L+71)/2	-	2	
JT 87	GUIA GUIDE   GUIDE	(3L+61)/2 (L-4)/2	-	1 2	
JT 93	PERFIL MONTANTE MULION PROFILE   PROFILÉ DE MENEAU	-	H-38	2	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L+158	-	2	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L-6	-	1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	(3L+364)/2 (L+364)/4	H+60	1 2 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	8	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	(3L+175)/2	H-34	4 + 4	
215303	PERFIL PVC T T PVC PROFILE   PROFILÉ PVC T	(L-54)/2 (L-112)/4 (L-27)/4 L-31	-	2 2 2 1	

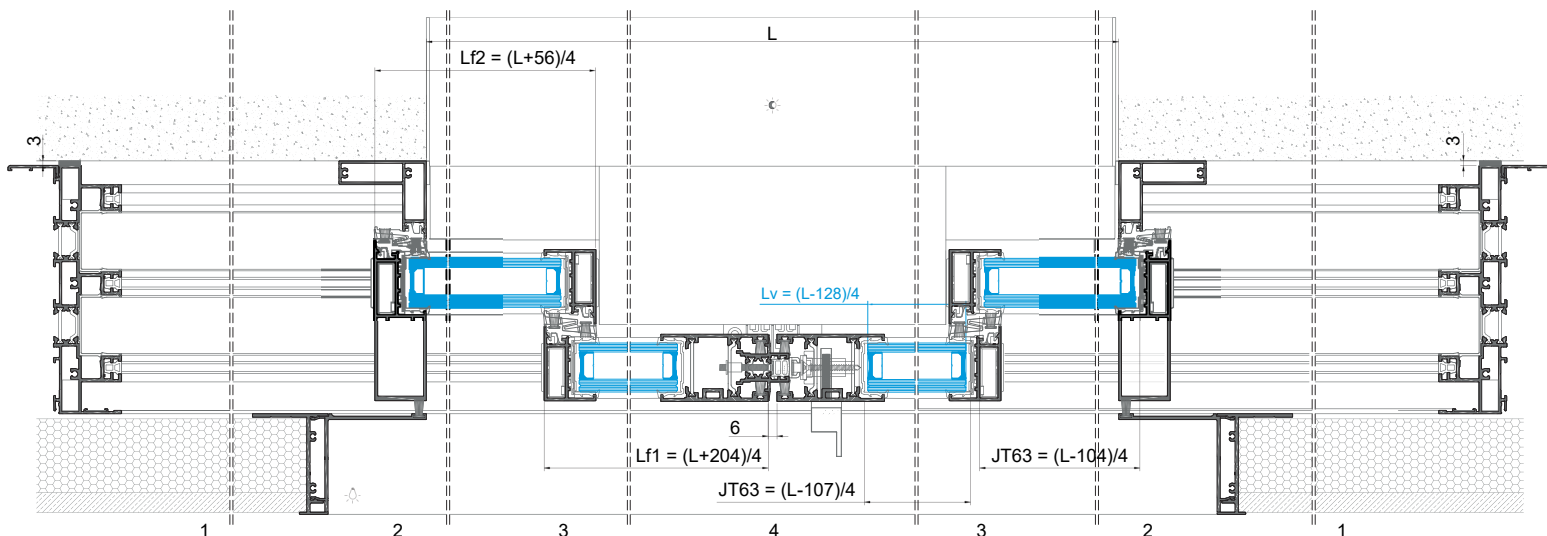
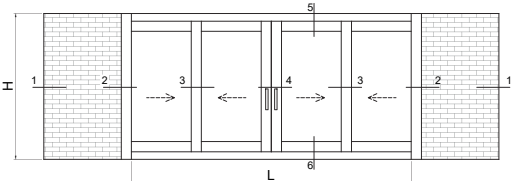
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ETANCHEITÉ	10
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ETANCHEITÉ	5
204164	ESQUADRO JT 12x9.5 CORNER CLEAT   EQUEURRE	8
213014	CANTO ALINHAMENTO JT ALIGNMENT CORNER   ANGLE D'ALIGNEMENT	4
213246	CANTO CR S/SB CORNER   ANGLE	7
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	6
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	6
210241	TOPO CENTRAL REFORÇADO 28MM CENTRAL END-CAP REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	4
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT   KIT D'EMBOUTS CONNEXION 2 VANTAUX	1
210288	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BALLE (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT   KIT FIXATION POUR SERRURE MULTIPONT	DIVERSOS MULTIPLS
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUTS KE71	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 6H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSE	10L+12H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BROSSE	2H

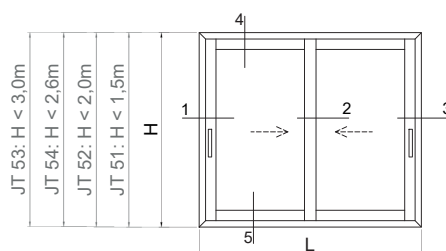


As fórmulas foram concebidas para medidas de vidros iguais. Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.



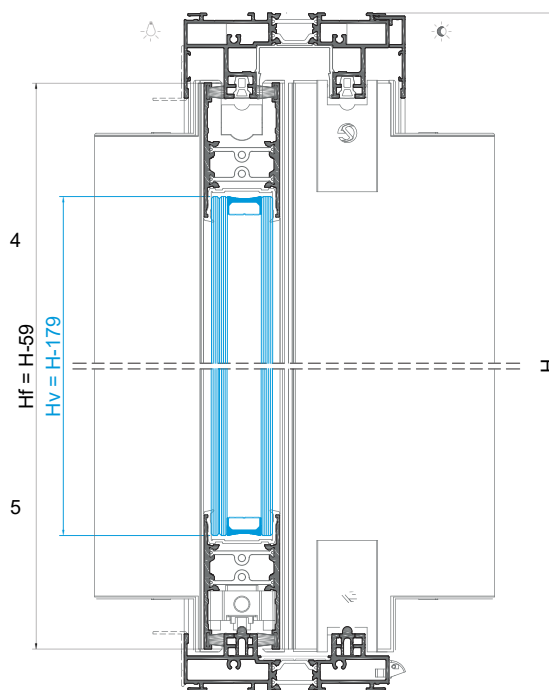
**JANELA DE CORRER 2 FOLHAS 2-RAIL COM OMBREIRA JT18 - LINHA SOLEIRA 30MM**  
2 SASHES 2-RAIL WITH JT18 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 2 VANTAUX 2-RAIL AVEC JAMBAGE JT18 - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADEIRA JAMB   LIMTEAU	L-39	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	2	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSOM   TRAVERSE SUP/INF	(L-169)/2	-	4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-51	-	2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L-74)/2	H	2 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	1	

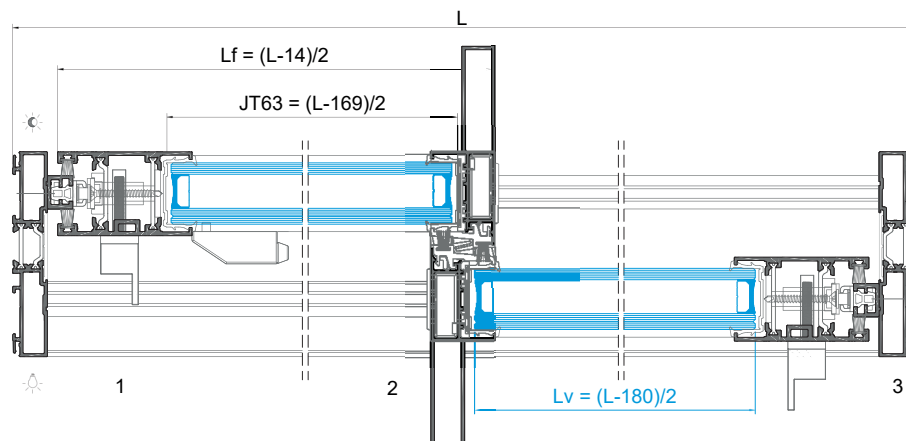


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ BAS	1
223105	KIT JUNTAS ADESIVAS Nº1 JT KIT #1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX RENFORCÉ 28MM	4
210268	GOTEIRA O VALV. SVE OUTSIDE FLAP VALVE   CLAPPE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONTO	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNEE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERS
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

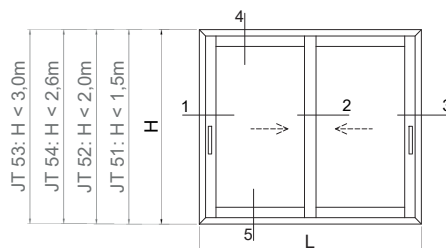


VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 6H



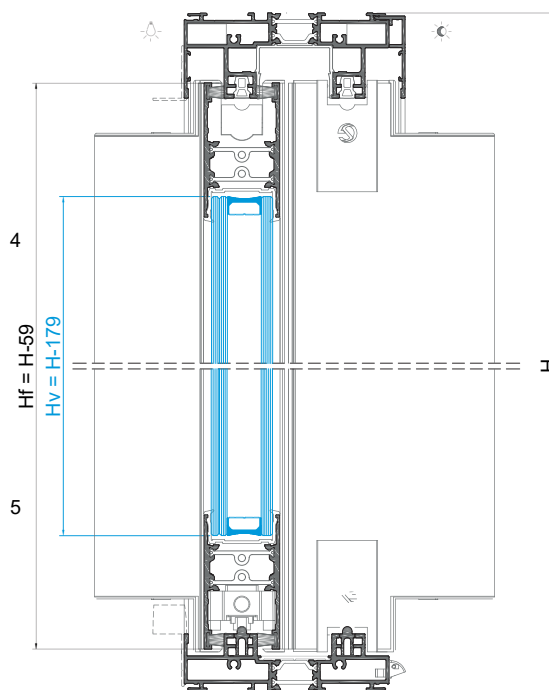
**JANELA DE CORRER 2 FOLHAS 2-RAIL COM OMBREIRAS JT17/JT19 - LINHA SOLEIRA 30MM**  
2 SASHES 2-RAIL WITH JT17/JT19 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 2 VANTAUX 2-RAIL AVEC JAMBAGE JT17/19 - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 12	PADEIRA JAMB   LINTEAU	L-39	-	1	
JT 17	OMBREIRA JAMB   JAMBAGE	-	H	1	
JT 19	OMBREIRA JAMB   JAMBAGE	-	H	1	
JT 22	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	2	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSOM   TRAVERSE SUP/INF	(L-166)/2	-	4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-49	-	2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L-74)/2	H	2 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	2	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	1	

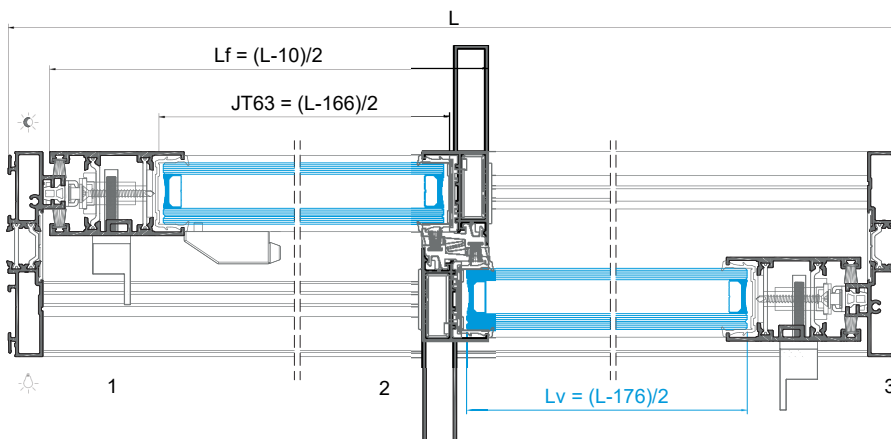


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ BAS	1
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	4
210268	GOTEIRA O VALV. SVE DRAINAGE FLAP VALVE   CLAPPE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONTO	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNEE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITÉUR D'OUVERTURE	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERS
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

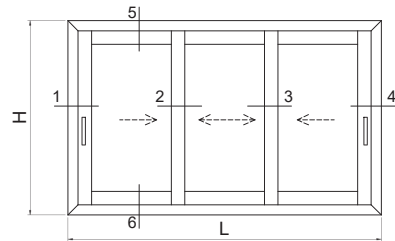


VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 6H



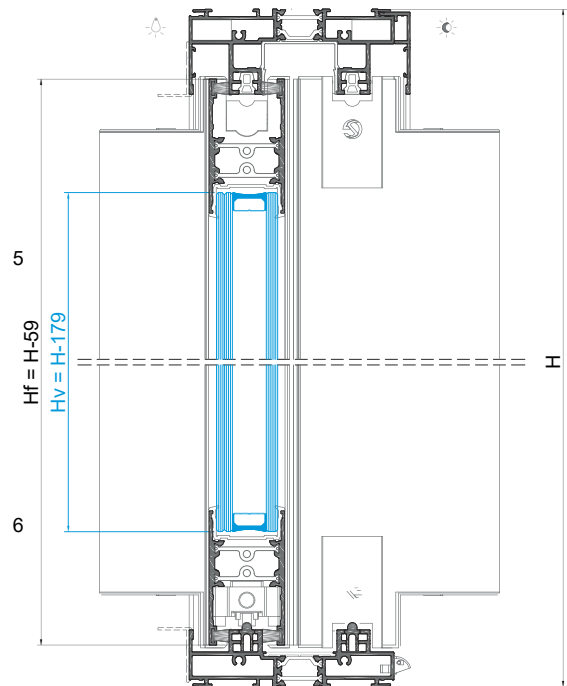
**JANELA DE CORRER 3 FOLHAS 2-RAIL COM OMBREIRA JT18 - LINHA SOLEIRA 30MM**  
3 SASHES 2-RAIL WITH JT18 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 3 VANTAUX 2-RAIL AVEC JAMBAGE JT18 - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADEIRA JAMB   LINTEAU	L-39	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSVERSE SUP/INF	$(L-175)/3$ $(L-173)/3$	-	4 2	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-65 L-38	-	1 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	$(L-33)/3$ $(L-261)/3$	H	2 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	1	



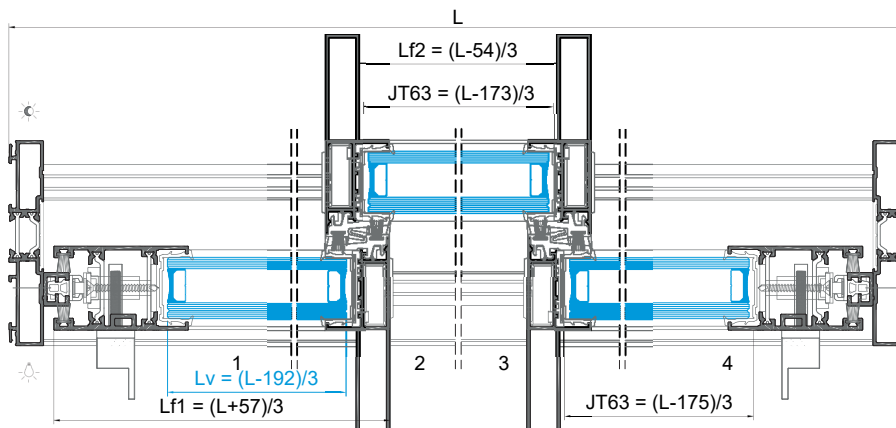
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223105	KIT JUNTAS ADESIVAS Nº1 JT 11 Nº1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATERAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATERAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATERAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUS CENTRAUX RENFORCÉ 28MM	8
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   GÂCHE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNEE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUS LATERAUX POUR REJET D'EAU	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERSÉS
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	24
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
to be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L + 6H
208307	PELÚCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROUSSE	4L + 8H

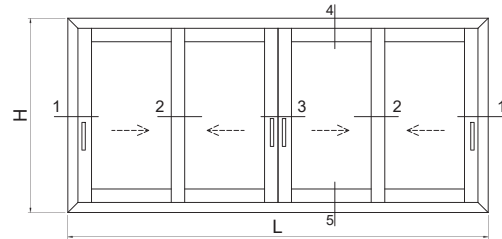
As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.





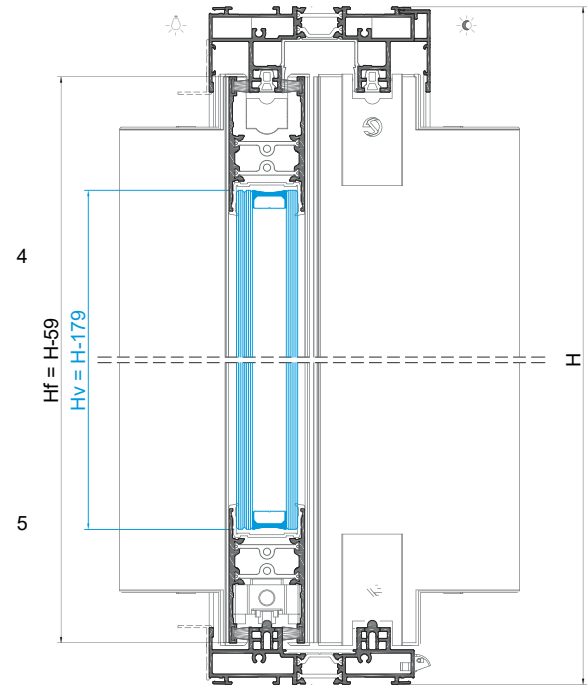
**JANELA DE CORRER 4 FOLHAS 2-RAIL COM OMBREIRA JT18 COM LIGAÇÃO CENTRAL - LINHA SOLEIRA 30MM**  
4 SASHES 2-RAIL AND JT18 JAMB SLIDING WINDOW WITH CENTRAL CONNECTION - 30MM SILL LINE  
FENÊTRE COULISSANT 4 VANTAUX 2-RAIL AVEC JAMBAGE JT18 AVEC CONNEXION CENTRALE - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADEIRA JAMB   LINTEAU	L-39	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	4	
JT 63	TRAVESSA SUP/INF UP/DW TRANSVERSE SUP/INF	(L-297)/4	-	8	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-128	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   LARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-65 L-38	-	1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L-182)/4 (L-105)/4	H	2 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	1	

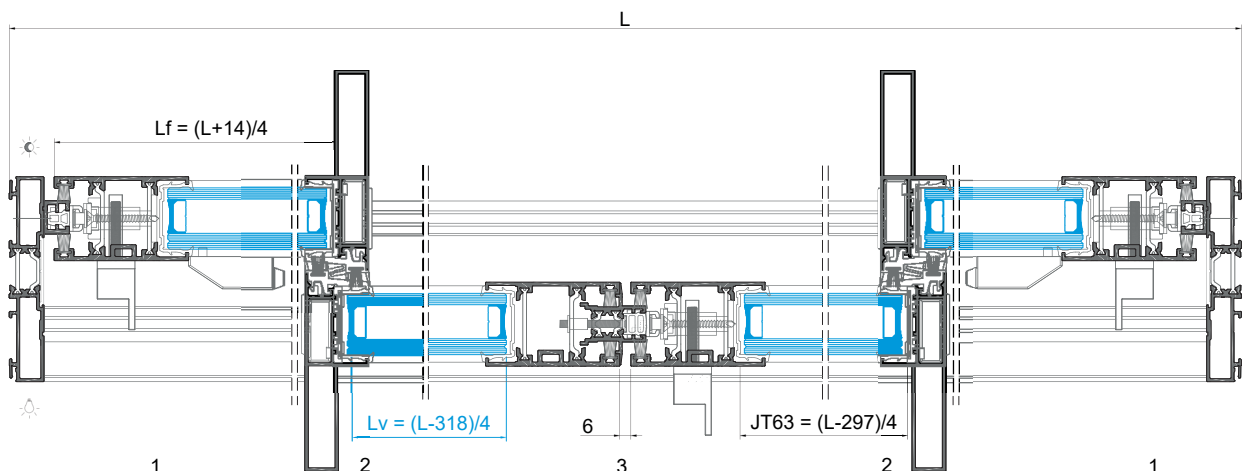


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	3
213288	CORTA-VENTO BAIXO JT LW CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ BAS	3
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210242	TOPO CENTRAL REFORÇADO JTS4 28MM 28MM CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	8
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT   KIT D'EMBOUTS CONNEXION 2 VANTAUX	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPOINT	4
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90º JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPOINT	18
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	18
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT   KIT FIXATION POUR SERRURE MULTIPOINT	DIVERSOS DIVERSES
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	2
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2
290052	PARAF D1N7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	32
290030	PARAFUSO D1N7981 4,2x38 INOX A2 SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes with glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 12H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H



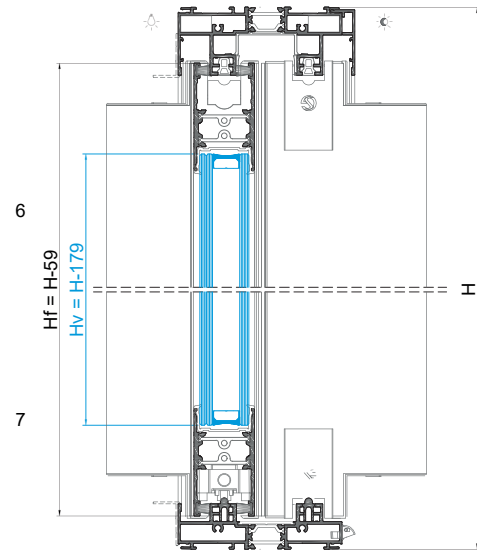
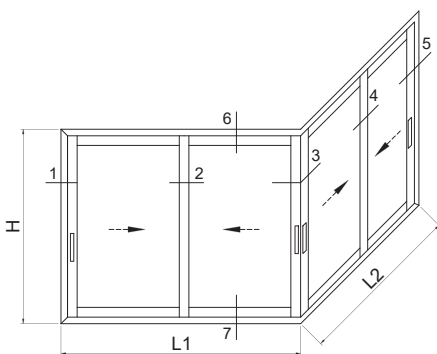
**JANELA DE CORRER 4 FOLHAS 2-RAIL CANTO 90° COM OMBREIRA JT18 - LINHA SOLEIRA 30MM**  
4 SASHES 2-RAIL WITH JT18 JAMB SLIDING WINDOW 90° CORNER - 30MM SILL LINE  
FENÊTRE COULISSANT 4 VANTAUX AVEC JAMBAGE JT18 À ANGLE 90° - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADEIRA JAMB   LINTEAU	L1-19 L2-19	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL	L1-19 L2-19	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 62	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	(L1-238)/2 (L2-251)/2	-	4 4	
JT 72	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-128	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L1+6 L2+6	-	1	
JT 87	GUIA GUIDE   GUIDE	L1-50 L1-83 L2-50 L2-93	-	1 1 1 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L1-144)/2 (L1-27)/2 (L2-15)/2 (L2-156)/2	H	1 1 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L1-19 L2-19	-	1	

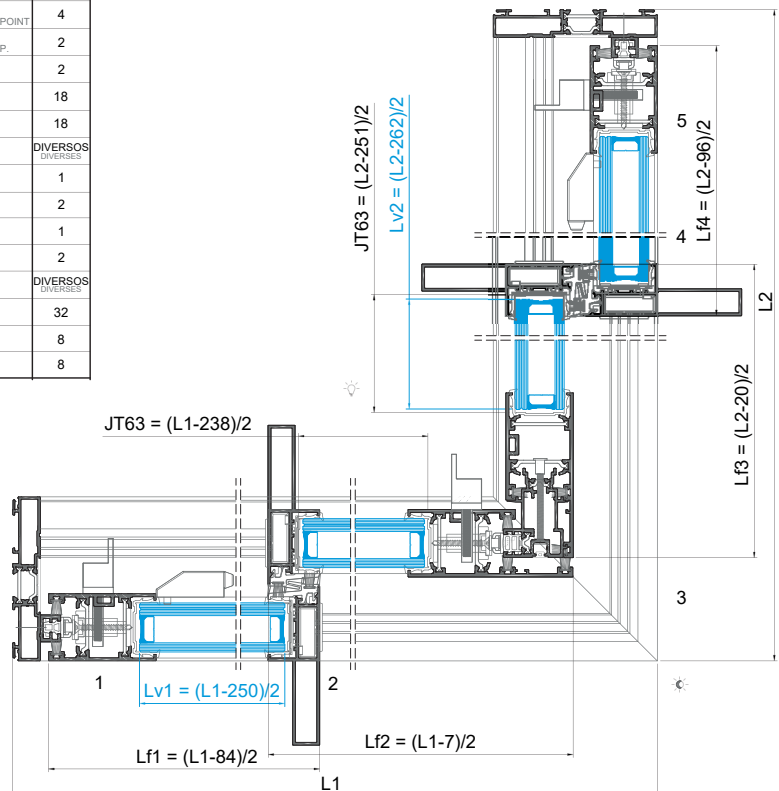
VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L1 + 2H
208099	JUNTA IVURO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVRAGE	2L1 + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BRUSSE	4L1 + 13H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H
208435	JUNTA VD 2415 JOINT   JOINT	H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BRUSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BRUSSE CENTRALE D'ÉTANCHÉITÉ BAS	5
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BRUSSE D'ÉTANCHÉITÉ ANGLE 90°	1
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90°	1
212109	CONJ. UNIÃO CANTO 90° ARO BAIXO JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90° POUR CADRE BAS	1
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS STEEL CORNER   ANGLE EN ACIER INOXYDABLE 90°	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	4
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	4
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	8
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUITS POUR ANGLE 90°	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPOINT	3
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	6
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPOINT	4
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
218198	CALÇO P/ MULTIPONTO SÓS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPOINT	18
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	18
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT   KIT FIXATION SERRURE MULTIPOINT	DIVERSOS DIVERSES
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNEE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNEE DROITE	2
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	32
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALÉ DE RENFORCEMENT HORIZONTALE	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



As fórmulas foram concebidas para medidas de vidros iguais. Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4. The formulas were designed for glasses with equal measures. In this typology there are 4 distinct sash widths: Lf1, Lf2, Lf3 and Lf4. Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 4 largeurs de vantaux distinctes: Lf1, Lf2, Lf3 et Lf4.

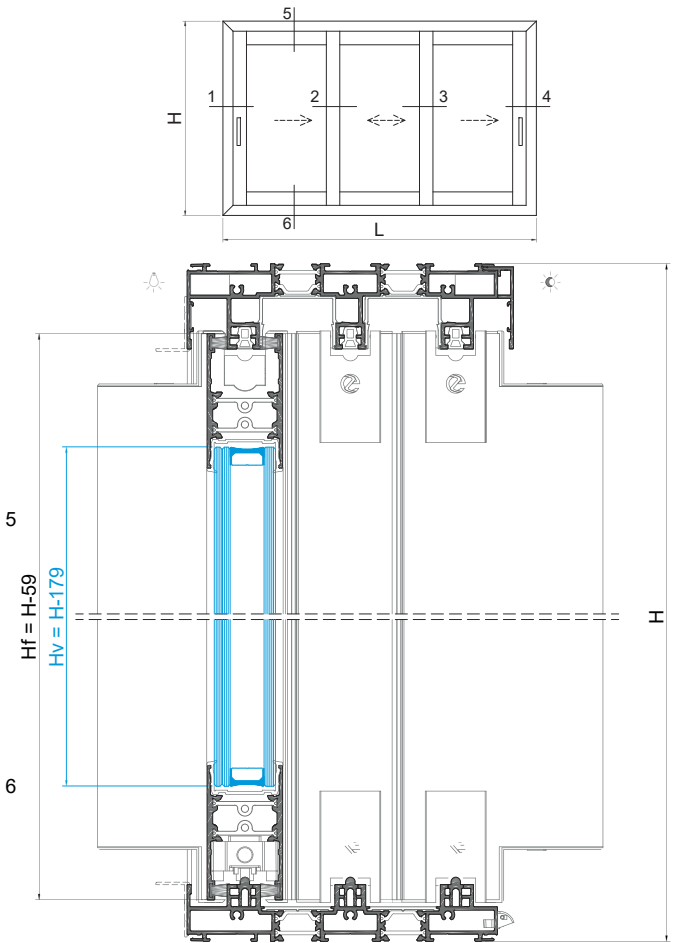


JANELA DE CORRER 3 FOLHAS 3-RAIL COM OMBREIRA JT28 - LINHA SOLEIRA 30MM  
3 SASHES 3-RAIL WITH JT28 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 3 VANTAUX 3-RAIL AVEC JAMBAGE JT28 - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 13	PADEIRA JAMB   LIMTEAU	L-39	-	1	
JT 28	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	2	
JT 23	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSVERSE SUP/INF	(L-176)/3 (L-174)/3	-	4 2	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-51 L-38	-	2 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L-30)/3 (2L-186)/3	H	2 + 4	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	2	

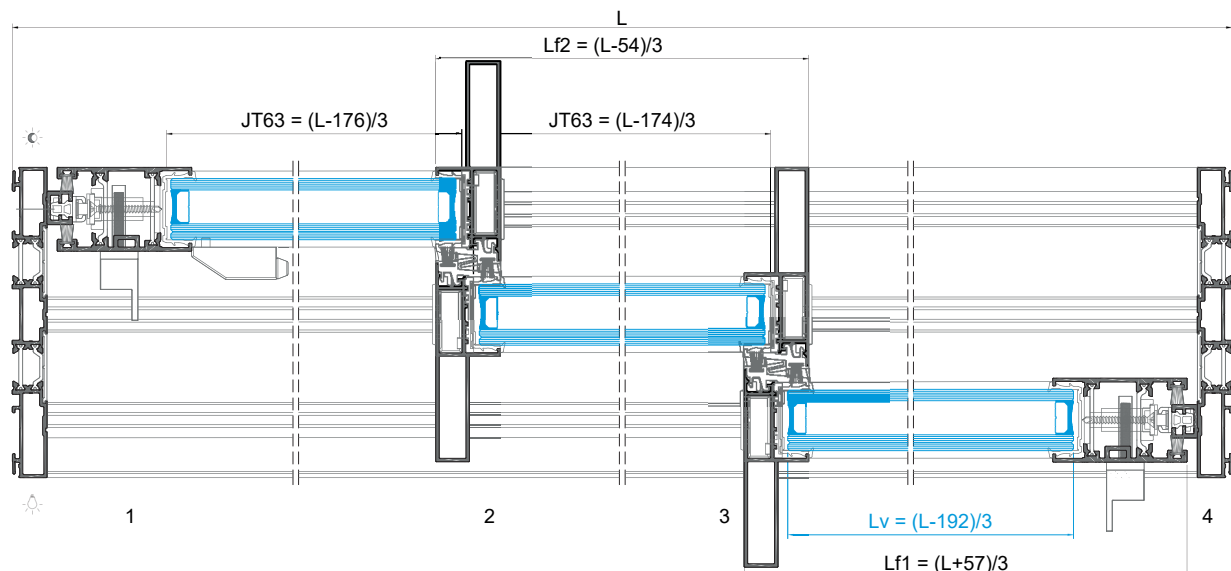
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223106	KIT JUNTAS ADESIVAS Nº2 JT JT Nº2 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº2 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	8
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   GÂCHE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS VARIÉS
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	24
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	12
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	3L + 2H
208099	JUNTA IVURO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 8H

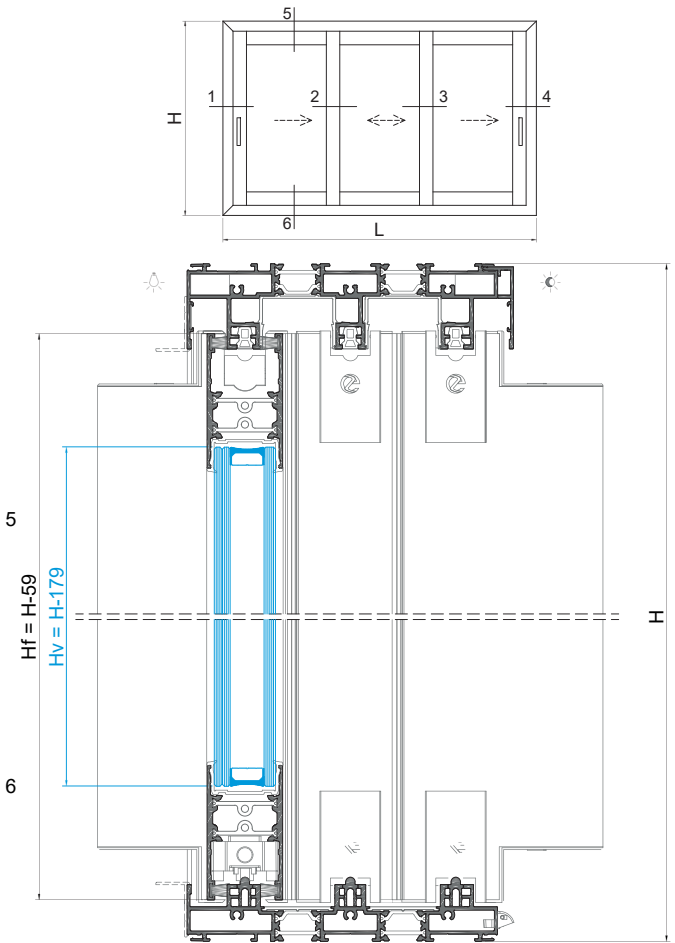


JANELA DE CORRER 3 FOLHAS 3-RAIL COM OMBREIRA JT27/JT29 - LINHA SOLEIRA 30MM  
3 SASHES 3-RAIL WITH JT27/JT29 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 3 VANTAUX 3-RAIL AVEC JAMBAGE JT27/JT29 - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 13	PADEIRA JAMB   LINTEAU	L-39	-	1	
JT 27	OMBREIRA JAMB   JAMBAGE	-	H	1	
JT 29	OMBREIRA JAMB   JAMBAGE	-	H	1	
JT 23	SOLEIRA SILL   SEUIL	L-39	-	1	
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSVERSE SUP/INF	$(L-172)/3$ $(L-170)/3$	-	4 2	
JT 82	PERFIL PINGADEIRA DRIP PROFILE   LARMIER	L-4	-	1	
JT 87	GUIA GUIDE   GUIDE	L-49 L-38	-	2 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	$(L-38)/3$ $(2L-186)/3$	H	2 + 4	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	L-39	-	2	

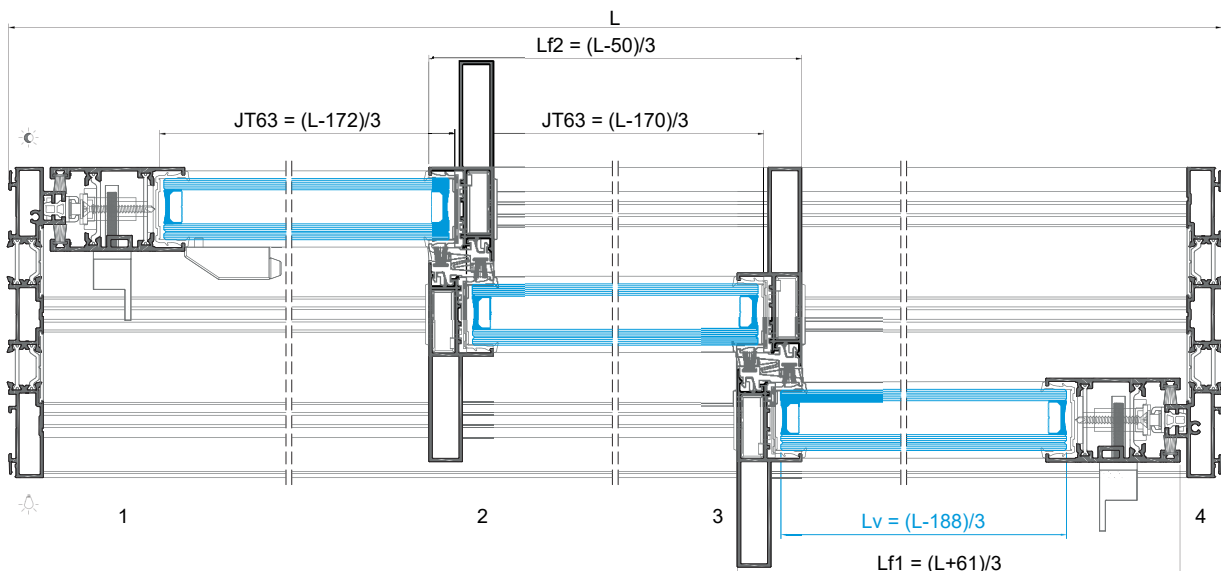
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223106	KIT JUNTAS ADESIVAS Nº2 JT JT Nº2 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº2 JT	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	8
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   GÂCHE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	12
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE   POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS VARIÉS
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	24
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	12
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	6

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In  
this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette  
typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	3L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROSSSE	4L + 8H



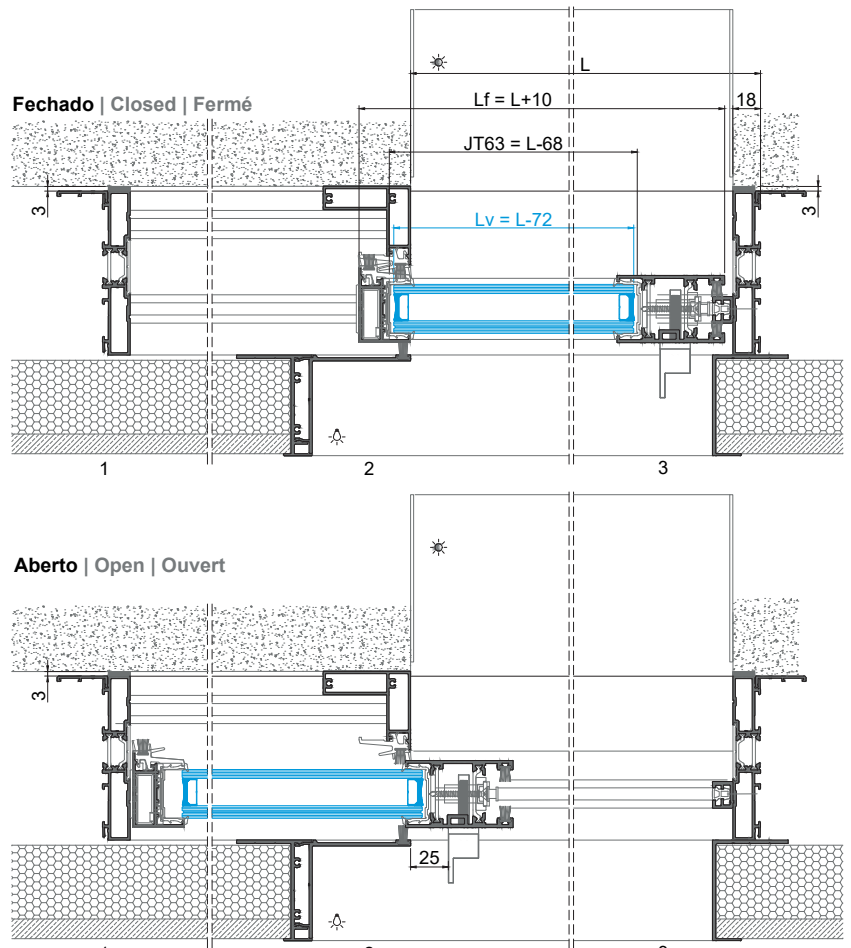
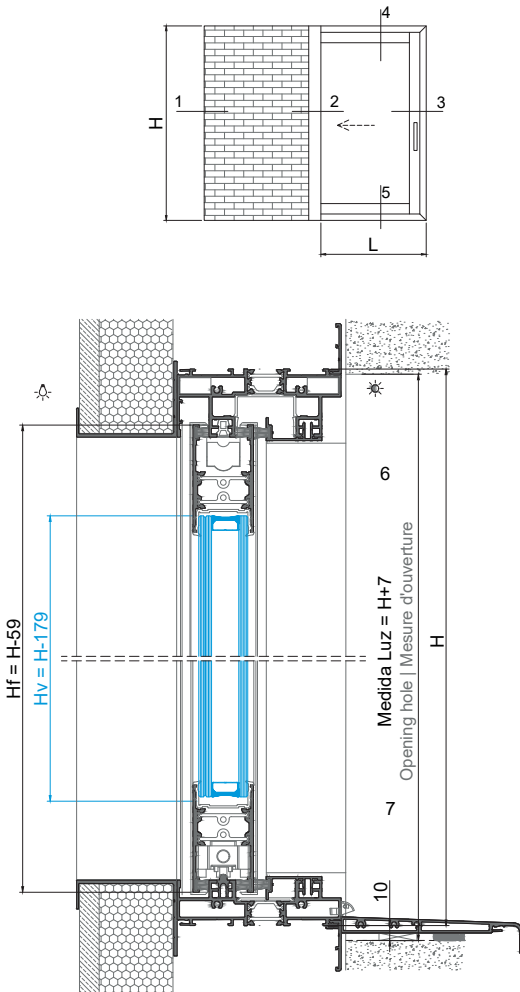
**JANELA DE CORRER 1 FOLHA DE EMBUTIR 2-RAIL COM OMBREIRA JT18 - LINHA SOLEIRA 30MM**  
1 SASH POCKET 2-RAIL WITH JT18 JAMB SLIDING WINDOW - 30MM SILL LINE  
FENÊTRE COULISSANT 1 VANTAIL 2-RAIL AVEC JAMBAGE JT18 À GALANDAGE - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 12	PADEIRA JINTEL   LINTEAU	2L-74	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H-74	1	
JT 22	SOLEIRA SILL   SEUIL	2L-74	-	1	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	1	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-74	1	
JT 63	TRAVESSA SUP/INF UP/LW TRANSOM   TRAVERSE SUP/INF	L-68	-	2	
JT 85	CAPA COVER   CAPOT	L-18	-	2	
JT 87	GUIA GUIDE   GUIDE	2L-88	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-38	1	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-75	1	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-75	1	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L+97	H+25	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L-6	-	1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	2L+23 L-8	H+60	1 + 2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	L-91 L-20	H	1 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-74	2	
215305	PERFIL PVC U PVC PROFILE   PROFILÉ PVC U	2L-74	-	1	

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT / JOINT	2L + H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET / JOINT DE VITRAGE	2L + 2H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL / JOINT BRUSSE	6L + 4H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL / JOINT BRUSSE	H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER / ROULETTE	2
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BRUSSE CENTRALE D'ÉTANCHÉITÉ	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BRUSSE CENTRALE D'ÉTANCHÉITÉ BAS	1
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº1 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº1 JT	1
213246	CANTO CR S/SB CORNER / ANGLE	3
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS LATÉRAUX	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	1
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUITS CENTRAUX	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE / CLAPE À VOLET EXTÉRIEUR	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) / CLAPETS À BILLE (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE / SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO MULTIPOINT HARDWARE / SERRURE MULTIPONT	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM / CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT / KIT FIXATION	6
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE / POIGNÉE GAUCHE	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUITS KE71	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREEN / VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW / VIS	8
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM / CALE DE RENFORCEMENT HORIZONTALE	2

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



**JANELA DE CORRER 2 FOLHAS DE EMBUTIR 2-RAIL COM OMBREIRA JT18 CANTO 90° - LINHA SOLEIRA 30MM**  
**2 SASHES POCKET 2-RAIL WITH JT18 JAMB SLIDING WINDOW 90° CORNER - 30MM SILL LINE**  
**FENÊTRE COULISSANT 2 VANTAUX À GALANDAGE 2-RAIL AVEC JAMBAGE JT18 À ANGLE 90° - LIGNE SEUIL 30MM**

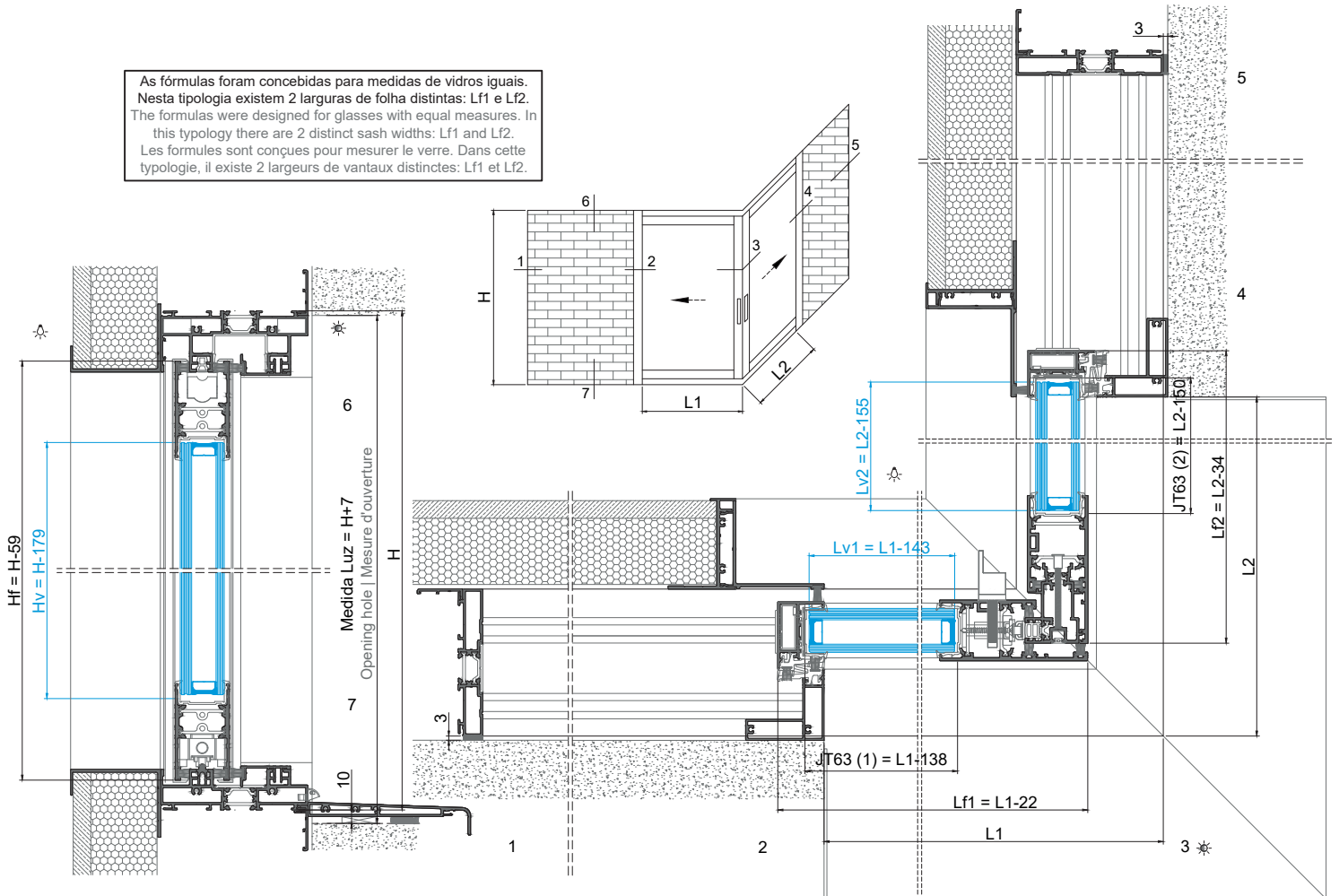
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADEIRA JINTEL   LINTEAU	2L1-80 2L2-94	-	1	
JT 18	OMBREIRA JAMB   JAMBAGE	-	H	2	
JT 22	SOLEIRA SILL   SEUIL	2L1-80 2L2-94	-	1	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-74	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR   PR. LAT. D'ANGLE À 90°	-	H-74	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM   TRAVERSE SUP/INF	L1-138 L2-150	-	2 2	
JT 72	PERFIL LIGAÇÃO CANTO 90° 90° CORNER UNION PROFILE   PROFILÉ DE LIAISON	-	H-143	1	
JT 92	CAPA COVER   CAPOT	L1-1 L2-1	-	2	
JT 87	GUIA GUIDE   GUIDE	2L1-199 2L2-213	-	1	
JT 93	PERFIL MONTANTE MULIJON PROFILE   PROFILÉ DE MENEAU	-	H-38	2	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-90	2	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1-29 L2-29	-	2 2	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L1+118 L2+118	-	1 1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	(2xL1)-158 L1-115 (2xL2)-173 L2-129	H+60	1 1+2 1 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	L1-138 L1-103 L2-172 L2-103	H	1+2 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	2L1-126 2L2-140	-	2 2	

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L1 2L2
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L1 + 4H 2L2 *
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BRASSE	6L1 + 9H 6L2
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT   JOINT	H
208435	JUNTA VD 2415 JOINT   JOINT	H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BRASSE	2H

ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSA CENTRALE D'ETANCHÉITÉ	2
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH   BROSSA D'ETANCHÉITÉ ANGLE 90°	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSA CENTRALE D'ETANCHÉITÉ BAS	5
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº2 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº2 JT	1
213246	CANTO CR S/SB CORNER   ANGLE	4
212243	CONJ. UNIÃO CANTO 90° JT 90° CORNER UNION KIT   KIT D'UNION ANGLE 90°	1
204389	ESQUADRO INOX CANTO 90° 90° STAINLESS STEEL CORNER   ANGLE EN ACIER INOXYDABLE 90°	1
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT   KIT D'EMBOUS POUR ANGLE 90°	1
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL)   CLAPETS À BILLE (OPTIONEL)	6
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO STRIKING PLATE   GÂCHE	2
212458	CONJ. FIX. CONTRA-FECHO MULTIP. 2F/90° JT MULTIPONT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIP.	2
218154	CALÇO P/ C.-FECHO PERF. LIG CONNECTING PROFILE STRIKING PLATE SHIM   CALE POUR GÂCHE PROFILÉ DE LIAISON	2
218196	CALÇO P/ MULTIPONTO SOS JT MULTIPONT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPONT FIXING KIT   KIT FIXATION SERRURE MULTIPONT	DIVERSOS DIVERSES
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUS KE71	1
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

As fórmulas foram concebidas para medidas de vidros iguais.  
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures.  
In this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.

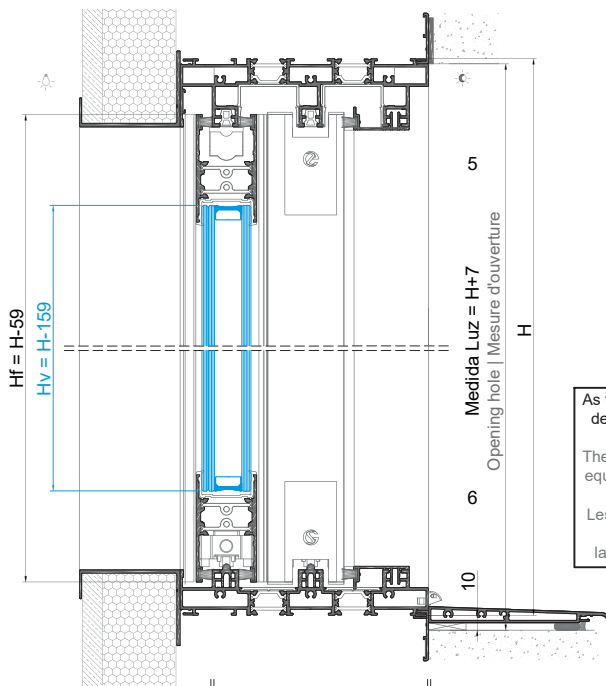


**JANELA DE CORRER 4 FOLHAS DE EMBUTIR 3RAIL COM OMBREIRA JT28 COM LIGAÇÃO CENTRAL - LINHA SOLEIRA 30MM**  
4 SASHES POCKET 3-RAIL WITH JT28 JAMB SLIDING WINDOW WITH CENTRAL CONNECTION - 30MM SILL LINE  
FENÊTRE COULISSANT 4 VANTAUX 3-RAIL AVEC JAMBAGE JT28 À GALANDAGE AVEC CONNEXION CENTRALE - LIGNE SEUIL 30MM

PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 13	PADIEIRA INTER.   L'INTEAU	(3L+62)/2	-	1	
JT 23	SOLEIRA SILL   SEUIL	(3L+62)/2	-	1	
JT 28	GUIA DA OMBREIRA JAMB GUIDE   GUIDE POUR JAMBAGE	-	H	2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	4	
JT 53	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	-	H-59	2	
JT 67	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	-	H-59	2	
JT 63	TRAVESSA SUP/INF UP/LW TRANSV.   TRAVERSE SUP/INF	(L-107)/4 (L-104)/4	-	4 4	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE   PROFILÉ DE LIAISON	-	H-128	1	
JT 85	CAPA COVER   COUVERTURE	(L-75)/4	-	4	
JT 88	CAPA COVER   COUVERTURE	(L+70)/2	-	2	
JT 87	GUIA GUIDE   GUIDE	(3L+62)/2 (L-6)/2	-	1 2	
JT 93	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU	-	H-38	2	
SO 46	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-75	2	
SO 47	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	-	H-75	2	
SO 48	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L+158	-	2	
KE 71	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	L-6	-	1	
KE 60	PERFIL REMATE FINISHING PROFILE   PROFILÉ DE FINITION	(L+257)/4 (3L+259)/2	H+60	2 1 + 2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE   PROFILÉ DE POLYAMIDE	(L-78)/4 L-1 (L-77)/2 (L+10)/4	H	2 1 + 4 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE	-	H-59	8	
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U	(3L+62)/2	-	2	

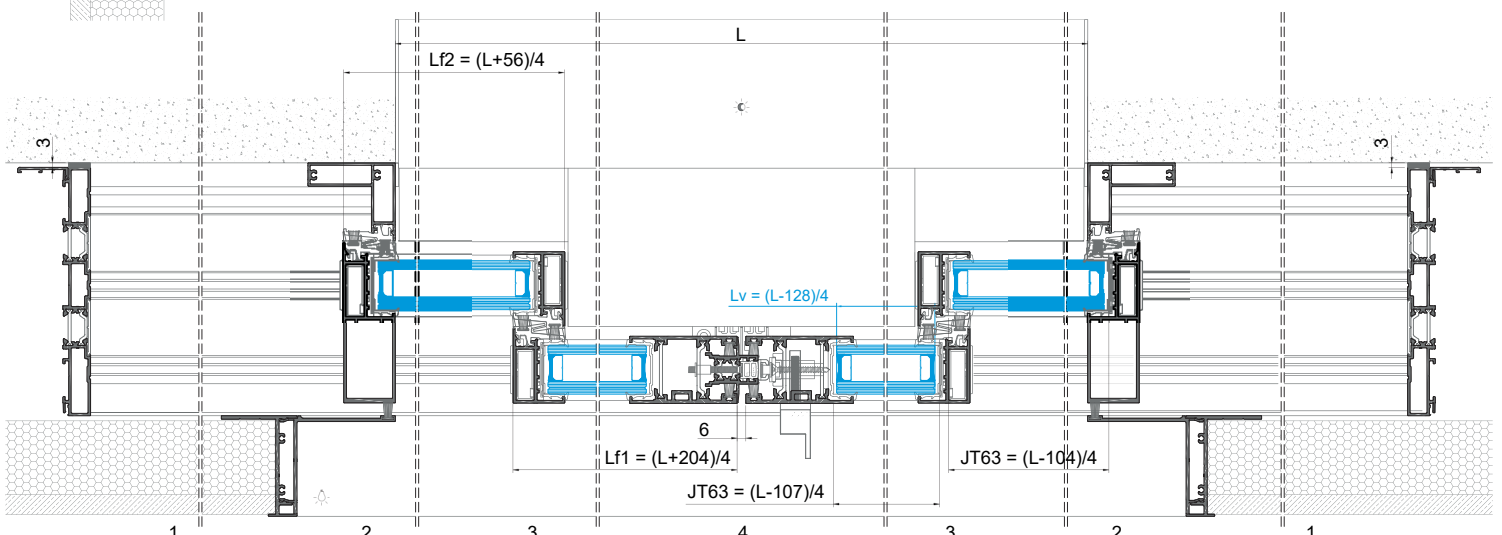
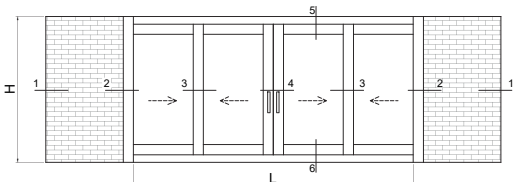
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223106	KIT JUNTAS ADESIVAS Nº2 JT JT Nº2 ADHESIVE JOINTS KIT   KIT DE JOINTS ADHÉSIFS Nº2 JT	1
213246	CANTO CR S/SB CORNER   ANGLE	3
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	1
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	3
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	3
210241	TOPO CENTRAL REFORÇADO 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	2
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO MULTIPOINT STRIKING PLATE   GÂCHE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM   CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE   POIGNÉE DROITE	1
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT   KIT D'EMBOUITS KE71	1
290052	PARAF. DIN7982 PH 3,5x16 A2 SCREW   VIS	DIVERSOS DIVERSES
290262	PARAFUSO PK INOX PH 1 1/2X10 CQ SCREW   VIS	16
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	12
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



As fórmulas foram concebidas para medidas de vidros iguais. Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.  
The formulas were designed for glasses with equal measures. In this typology there are 2 distinct sash widths: Lf1 and Lf2.  
Les formules sont conçues pour mesurer le verre. Dans cette typologie, il existe 2 largeurs de vantaux distinctes: Lf1 et Lf2.

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITE
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	4L
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BRUSSE	6L +12H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL   JOINT BRUSSE	2H
208479	JUNTA TAPA CANAL PERIL LIG. 2117 JT JOINT   JOINT	H



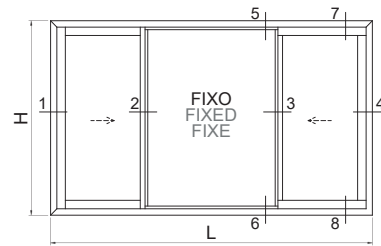




**JANELA DE CORRER 2 FOLHAS + FIXO (COM PERFIL JT 15)**  
2 SASHES + FIXED SLIDING WINDOW (WITH JT 15 PROFILE)  
FENÊTRE COULISSANT 2 VANTAUX + FIXE (AVEC PROFILÉ JT 15)

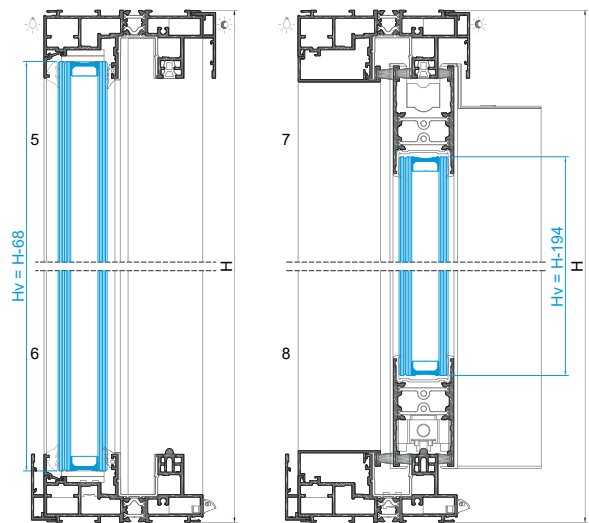
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. COUPE HORIZ.	CORTE VERT. COUPE VERTICALE	QUANT. QUANTITE	CORTE CUT COUPE
JT 15	ARO FIXO FIXED FRAME   CADRE DORMANT				
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL				
JT 64	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL				
JT 63	TRAVESSA SUP/INF UP/DOWN TRANSOM   TRAVERSE SUP/INF				
JT 82	PERFIL PINGADEIRA DRIP PROFILE   L'ARMIER				
JT 89	CAPA COVER   CAPOT				
JT 87	GUIA GUIDE   GUIDE				
JT 94	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU				
JE 95	BITE GLAZING BEAD   PARCLOSE				
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE				
208349	JUNTA CENTRAL 2195 JT FIXO CENTRAL JOINT   JOINT CENTRALE				
215310	PERFIL PVC U JT FIXO U PVC PROFILE   PROFILÉ PVC U				

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CONSULT TECHNICAL DEPARTMENT  
CONSULTER DÉPARTEMENT TECHNIQUE

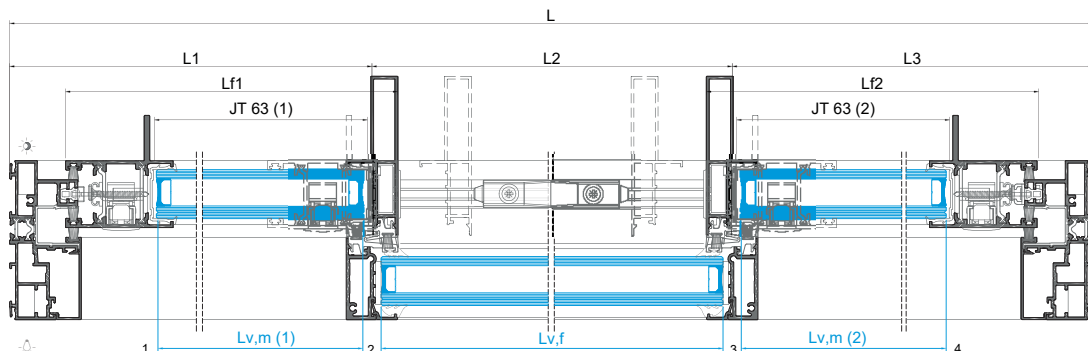


ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITE
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213303	CORTA-VENTO JT FIXO CENTRAL WATERPROOFING BRUSH   BROSSA CENTRALE D'ETANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSA CENTRALE D'ETANCHÉITÉ	2
204153	ESQUADRO JT 11x20,5 CORNER CLEAT   EQUEURSE	8
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX	2
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	2
210239	TOPO JT64/JT65 28MM 28MM JT64/JT65 END-CAP   EMBOUT JT64/JT65 28MM	4
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUITS CENTRAUX	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUITS CENTRAUX RENFORCÉ 28MM	4
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
211180	FERRAGEM MULTIPONTO ALU MFE.1000 MULTIPOINT HARDWARE   SERRURE MULTIPONT	2
202085	CONTRA-FECHO 2070.870 STRIKING PLATE   GÂCHE	4
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONT	4
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	12
201380	FECHO DE EMBUTIR R2511X HANDLE   POIGNÉE	2
204717	GANCHO LIGAÇÃO. MULTIPONTO GMA HOOK   CROUCHET	2
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	2
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM   CALE DE RENFORCEMENT HORIZONTALE	4
212087	CONJ. FIXAÇÃO JT 94 JT 94 FIXING KIT   KIT POUR FIXATION DU PROFILÉ JT 94	2 ou 8
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	8

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.



VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	1L + 2H
208099	JUNTA IVDRO U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	1L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BRASSE	3L + 10H
208350	JUNTA EXTERIOR 2003 JOINT   JOINT	(2xL2) + 2H
	JUNTA INTERIOR CUNHA JOINT   JOINT	(2xL2) + 2H



**Nota | Note | Remarque:**  
As medidas de corte horizontais deverão ser solicitadas ao Departamento Técnico.  
Horizontal cutting measures must be requested from the Technical Department.  
Les mesures de coupe horizontale doivent être demandées au Département Technique.

**JANELA DE CORRER 2 FOLHAS + FIXO (COM PERFIL JT 25)**  
2 SASHES + FIXED SLIDING WINDOW (WITH JT 25 PROFILE)  
FENÊTRE COULISSANT 2 VANTAUX + FIXE (AVEC PROFILÉ JT 25)

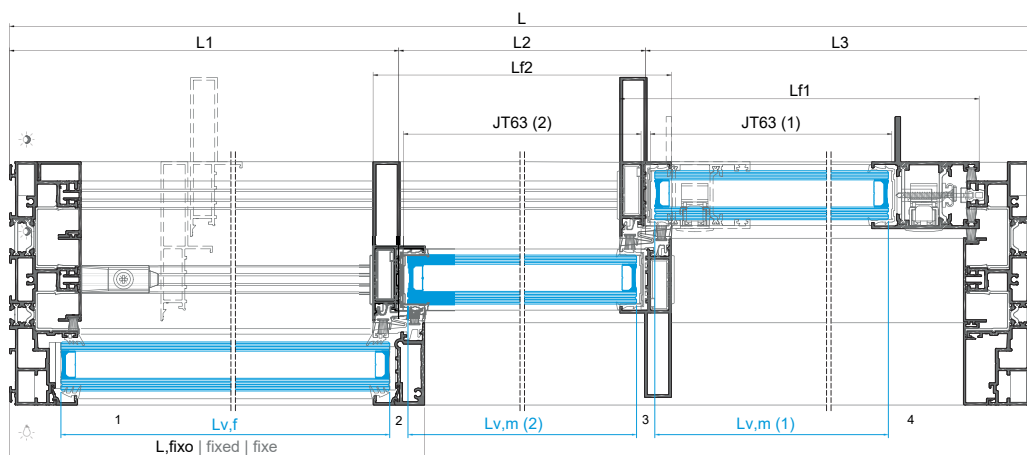
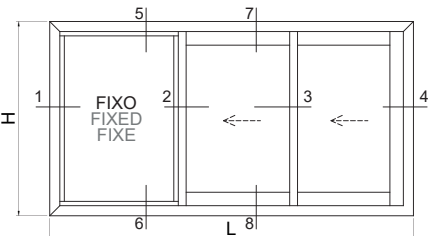
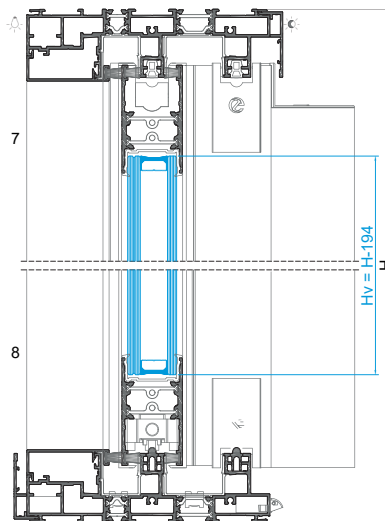
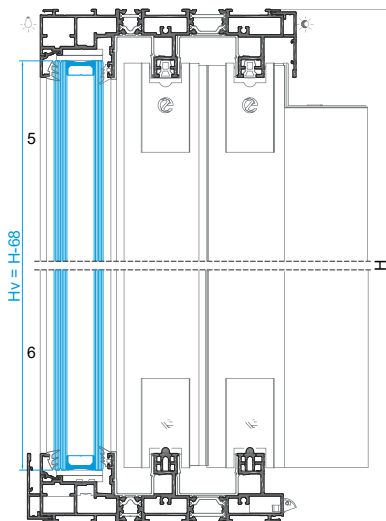
PERFIS   PROFILES   PROFILÉS			
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE
JT 25	ARO FIXO FIXED FRAME   CADRE DORMANT		
JT 54	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL		
JT 64	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL		
JT 63	TRAVESSA SUPINF UPFLOW TRANSOM   TRAVERSE SUPINF		
JT 82	PERFIL PINGADEIRA DRIP PROFILE   LARMIER		
JT 89	CAPA COVER   CAPOT		
JT 91	CAPA COVER   CAPOT		
JT 92	CAPA COVER   CAPOT		
JT 87	GUIA GUIDE   GUIDE		
JT 94	PERFIL MONTANTE MULLION PROFILE   PROFILÉ DE MENEAU		
JE 95	BITE GLAZING BEAD   PARCLOSE		
208346	JUNTA CENTRAL 2196 CENTRAL JOINT   JOINT CENTRALE		
208349	JUNTA CENTRAL 2195 JT FIXO CENTRAL JOINT   JOINT CENTRALE		
215305	PERFIL PVC U U PVC PROFILE   PROFILÉ PVC U		
215310	PERFIL PVC U JT FIXO U PVC PROFILE   PROFILÉ PVC U		

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CONSULTER DÉPARTEMENT TECHNIQUE

VEDANTES   SEALS   JOINTS		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT   JOINT	2L + 1H
208099	JUNTA IVDRU U 1032 CX 32MM JT GLAZING GASKET   JOINT DE IVTRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL   JOINT BROUSSE	3L + 8H
208350	JUNTA EXTERIOR 2003 JOINT   JOINT	(2x L1) + 2H
	JUNTA INTERIOR CUNHA JOINT   JOINT	(2x L1) + 2H

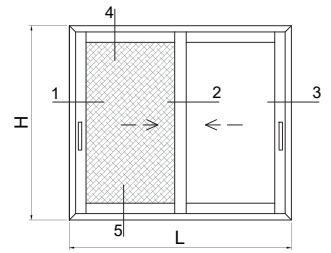
ACESSÓRIOS   ACCESSORIES   ACCESSOIRES		
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER   ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
213303	CORTA-VENTO JT FIXO CENTRAL WATERPROOFING BRUSH   BROSSE CENTRALE D'ÉTANCHÉITÉ	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT   KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	2
204153	ESQUADRO JT 11x20,5 CORNER CLEAT   ÉQUERRE	8
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX	1
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT   KIT D'EMBOUTS INTÉRIEUR LATÉRAUX	1
212201	CONJ. TAMPAS TOPOS LAT. JT LATERAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS LATÉRAUX	1
210239	TOPO JT64/JT65 28MM 28MM JT64/JT65 END-CAP   EMBOUT JT64/JT65 28MM	2
212231	CONJ. TOPOS CENTRAIS JT CENTRAL END-CAPS KIT   KIT D'EMBOUTS CENTRAUX	3
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT   KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	3
210243	TOPO CENTRAL REFORÇADO JT54 28MM 28MM CENTRAL REINFORCED END-CAPS KIT   KIT D'EMBOUTS CENTRAUX RENFORCÉ 28MM	6
210268	GOTEIRA C/ VALV. SVE OUTSIDE FLAP VALVE   CLAPE À VOLET EXTÉRIEUR	3
211180	FERRAGEM MULTIPONTO ALU MFE. 1000 MULTIPOINT HARDWARE   SERRURE MULTIPONTO	1
202085	CONTRA-FECHO 2070.870 STRIKING PLATE   GÂCHE	2
212455	CONJ. FIX. CONTRA-FECHO AL MULTIP. JT MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT   KIT FIXATION GÂCHE SERRURE MULTIPONTO	2
212371	CONJ. FIXAÇÃO JT FIXING KIT   KIT FIXATION	6
201380	FECHO DE EMBUTIR R2511X HANDLE   POIGNÉE	1
204717	GANCHO LIGAÇÃO. MULTIPONTO GMA HOOK   CROUCHET	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL DRIP END-CAPS KIT   KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	2
228107	LIMITADOR ABERT. PO SERIE CORRER OPENING LIMITER   LIMITEUR D'OUVERTURE	1
290262	PARAFUSO PK INOX PH 1 1/2x10 CQ SCREW   VIS	16
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT 39MM   CALE DE RENFORCEMENT HORIZONTALE	4
212087	CONJ. FIXAÇÃO JT 94 JT 94 FIXING KIT   KIT POUR FIXATION DU PROFILÉ JT 94	1 ou 1
290030	PARAFUSO DIN7981 4,2x38 INOX A2 SCREW   VIS	4

\* Usar em folhas com vidros com peso superior a 80kg.  
To be used in sashes which glass weight exceed 80kg.  
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

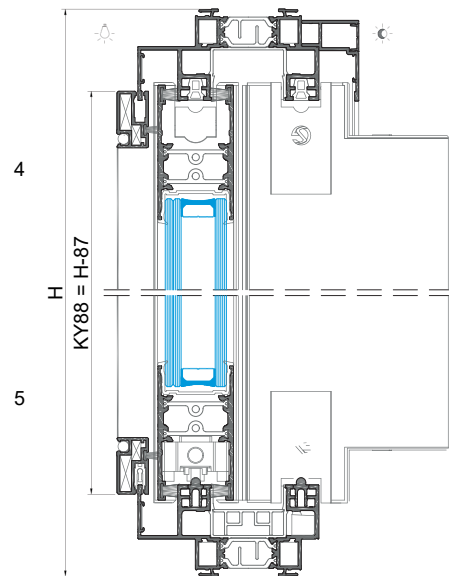
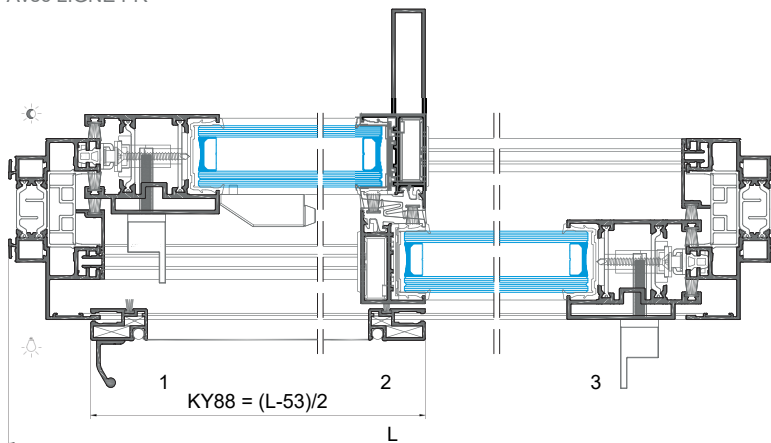


**Nota | Note | Remarque:**  
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Horizontal cutting measures must be requested from the Technical Department.  
Les mesures de coupe horizontale doivent être demandées au Département Technique.

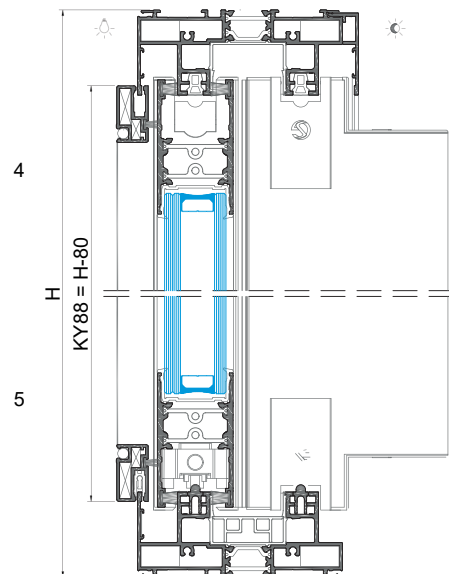
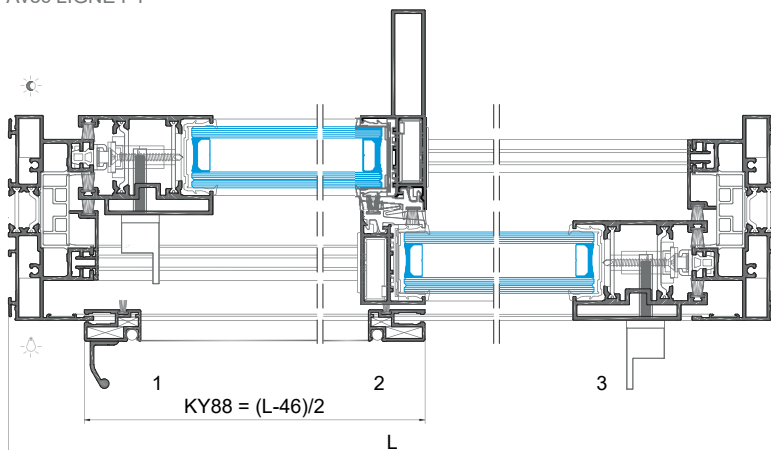
JANELA DE CORRER COM MOSQUITEIRA INTERIOR - 2RAIL  
SLIDING WINDOW WITH INNER MOSQUITO NET - 2RAIL  
FENÊTRE COULISSANT AVEC MOSQUITAIRE INTÉRIEUR - 2RAIL



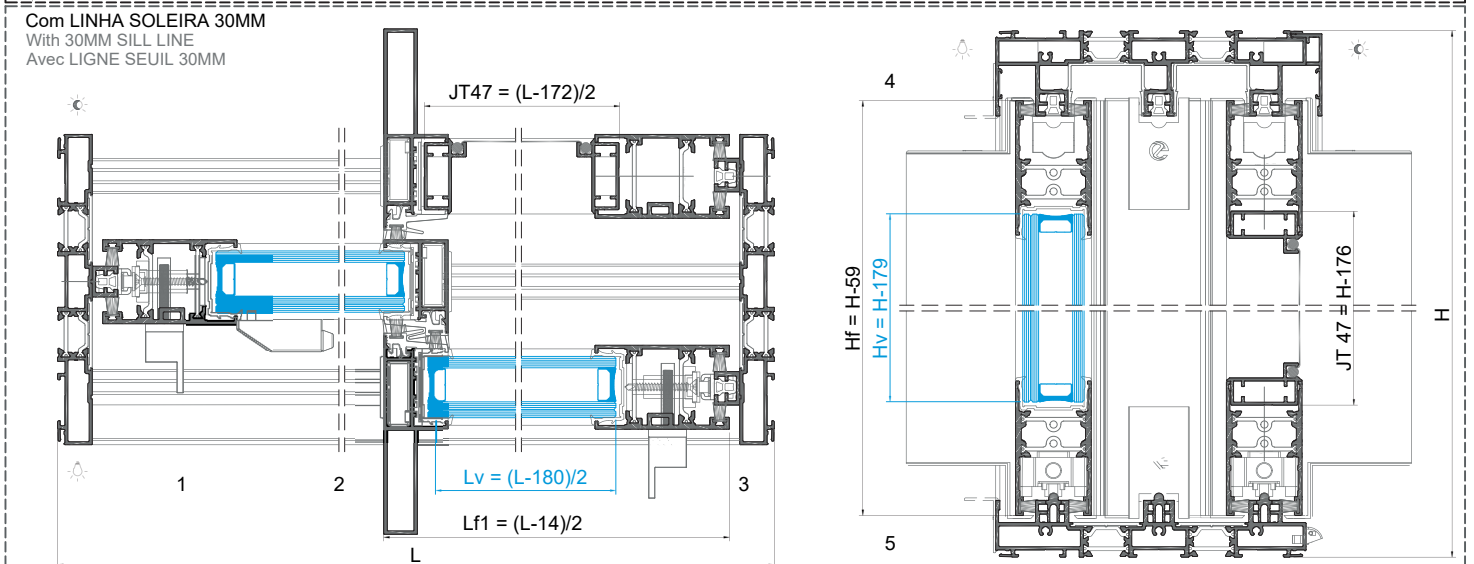
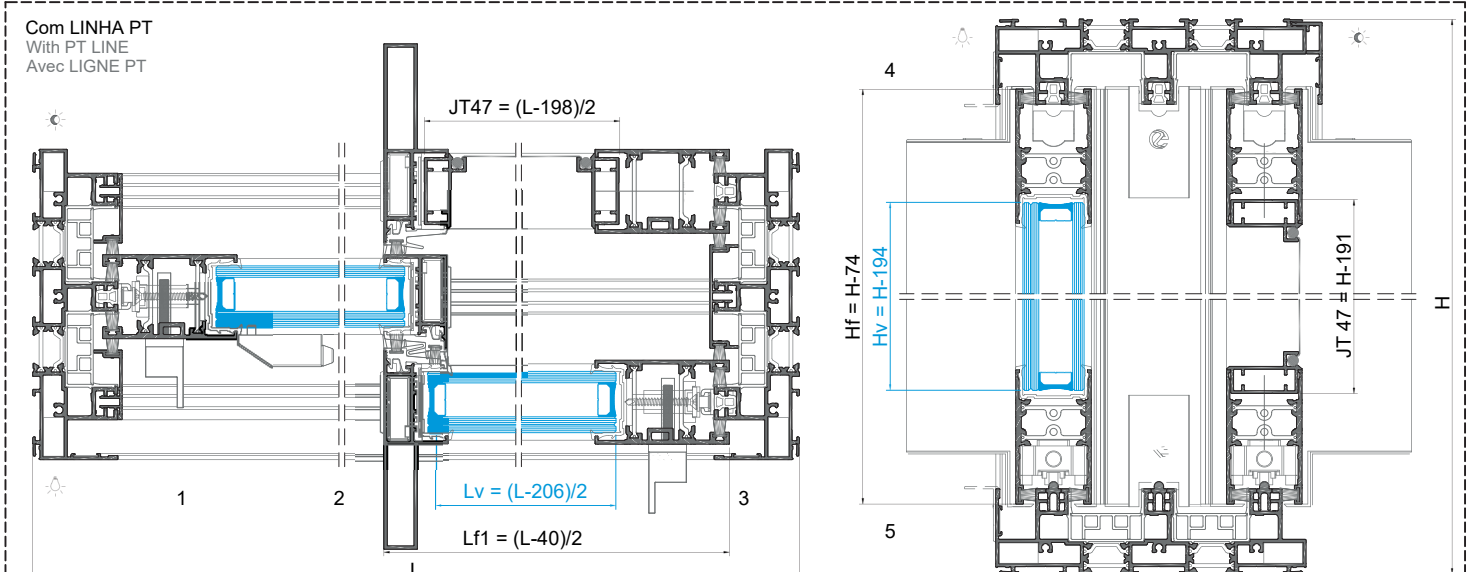
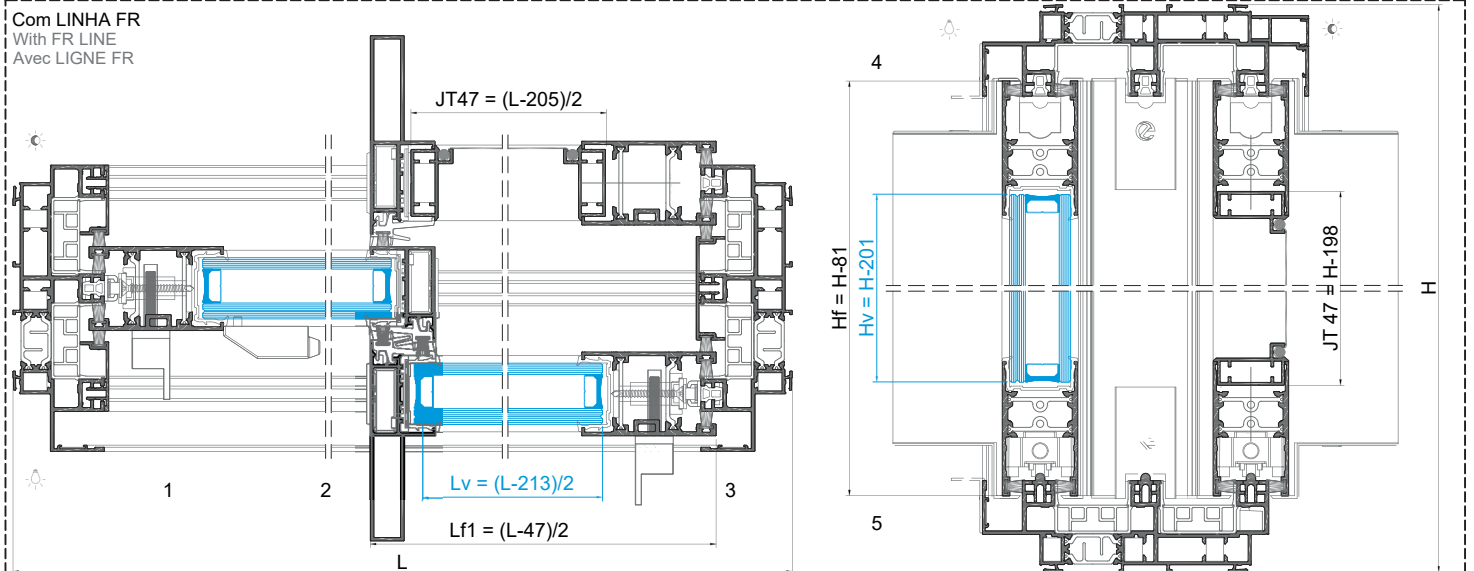
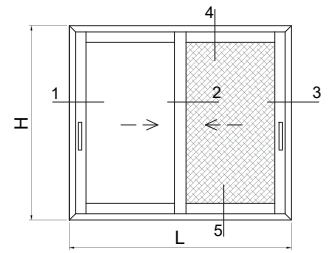
Com LINHA FR  
With FR LINE  
Avec LIGNE FR



Com LINHA PT  
With PT LINE  
Avec LIGNE PT

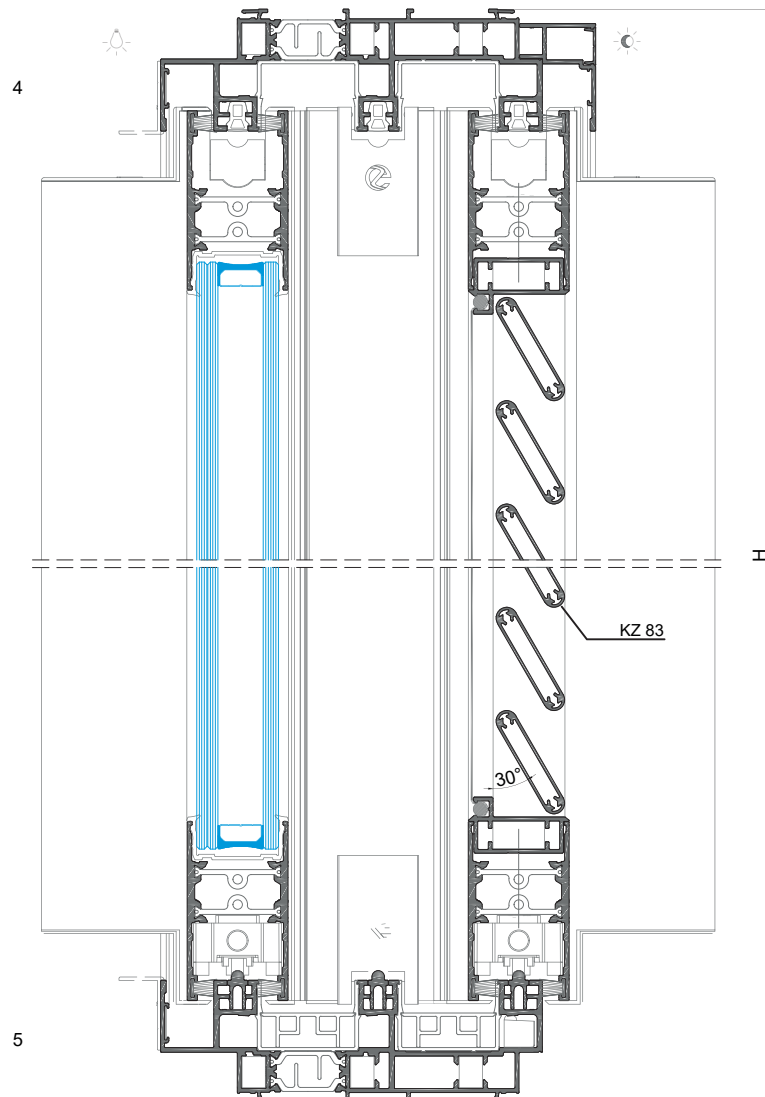
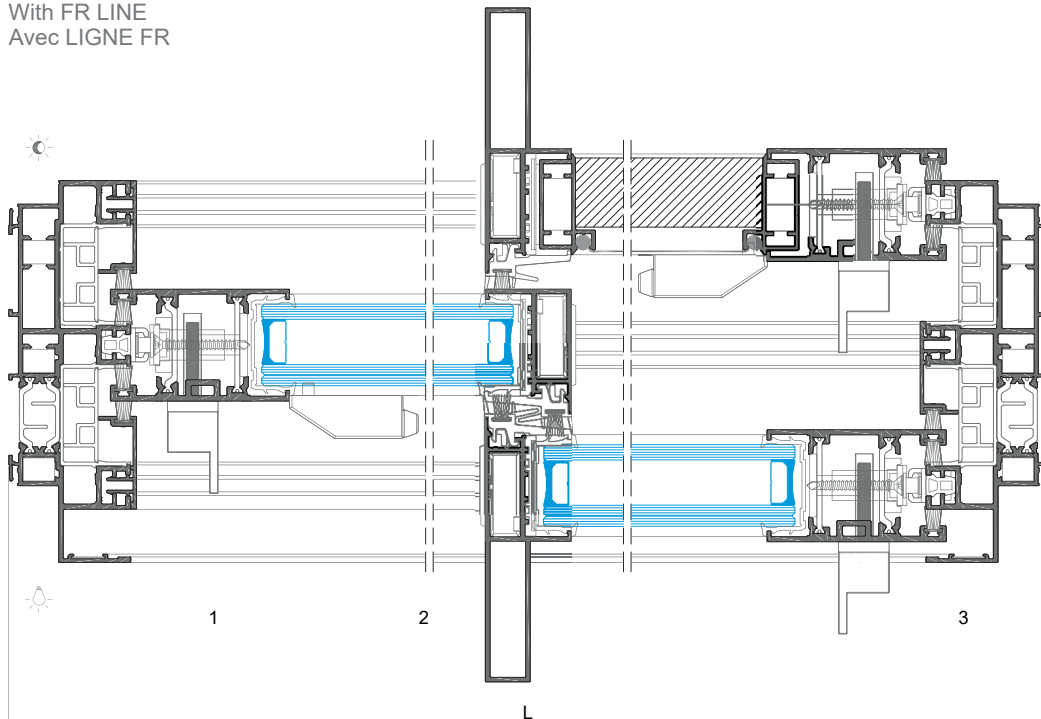


JANELA DE CORRER COM MOSQUITEIRA EXTERIOR - 3RAIL  
SLIDING WINDOW WITH OUTER MOSQUITO NET - 3RAIL  
FENÊTRE COULISSANT AVEC MOSQUITAIRE EXTÉRIEUR - 3RAIL

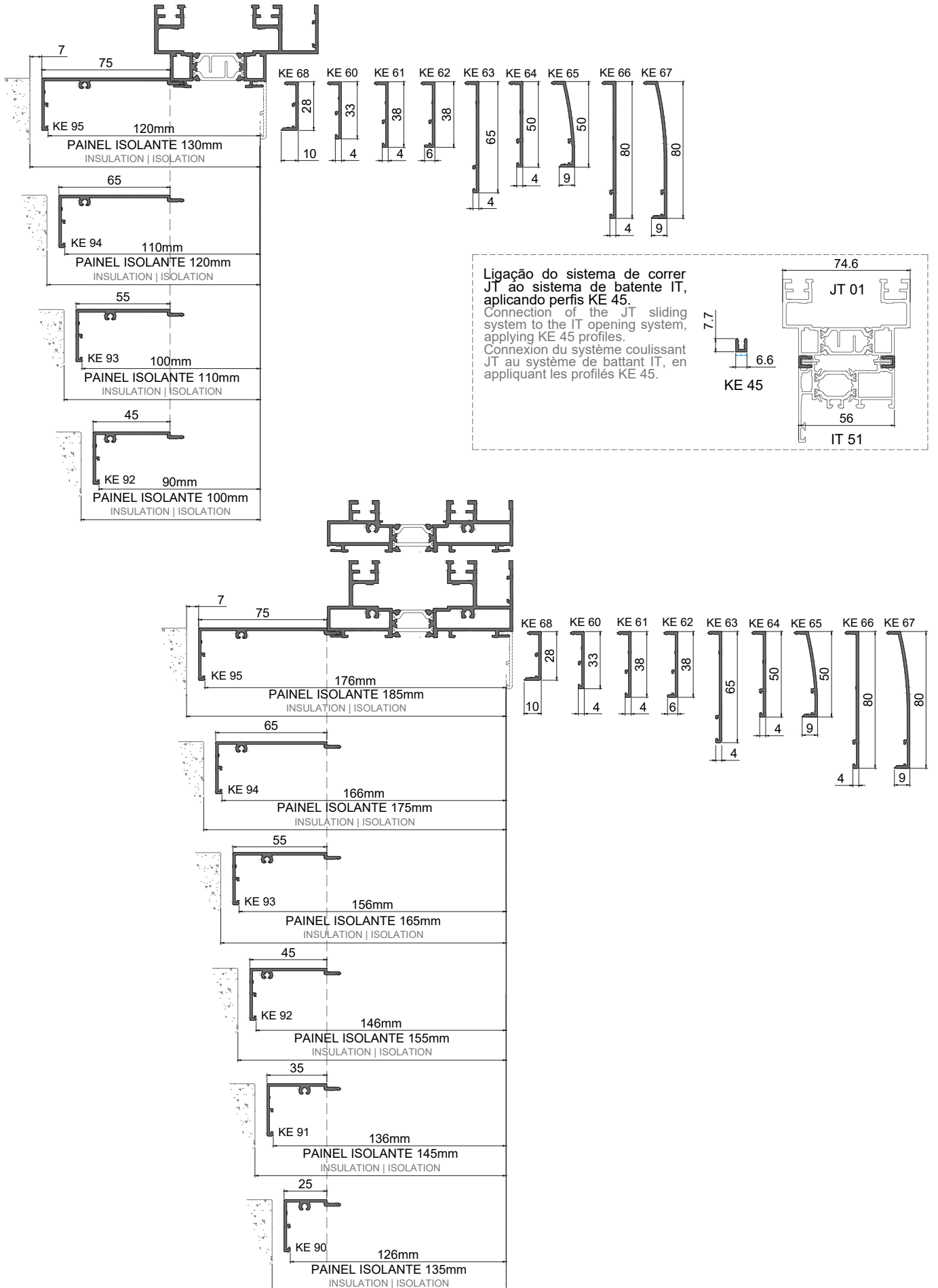


JANELA DE CORRER COM PORTADA EXTERIOR - 3RAIL  
SLIDING WINDOW WITH OUTER SHUTTER - 3RAIL  
FENÊTRE COULISSANT AVEC VOLET EXTÉRIEUR - 3RAIL

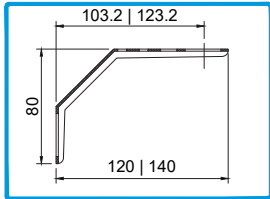
Com LINHA FR  
With FR LINE  
Avec LIGNE FR



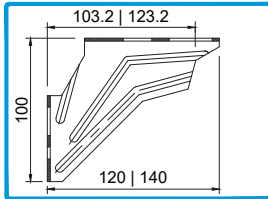
APLICAÇÃO DAS PEÇAS DE FIXAÇÃO **RENOVATIO**  
**RENOVATIO** FIXING PARTS APPLICATION  
 APPLICATION DES PIÈCES DE FIXATION **RENOVATIO**



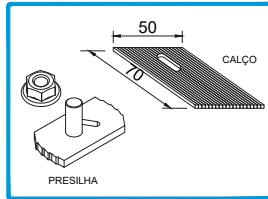
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**RENOVATIO FIXING PARTS APPLICATION**  
**APPLICATION DES PIÈCES DE FIXATION RENOVATIO**



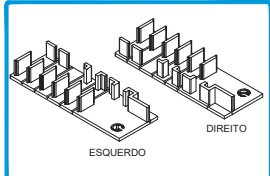
**213240** ÂNGULO DE FIXAÇÃO 120MM  
**213256** ÂNGULO DE FIXAÇÃO 140MM



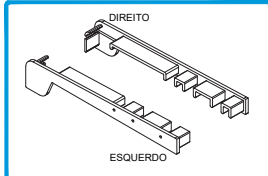
**230019** SUPORTE DE FIXAÇÃO 120MM  
**230308** SUPORTE DE FIXAÇÃO 140MM



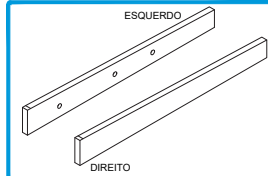
**207220** PRESILHA M6x37MM  
**218116** CALÇO SEPARADOR 50x70MM



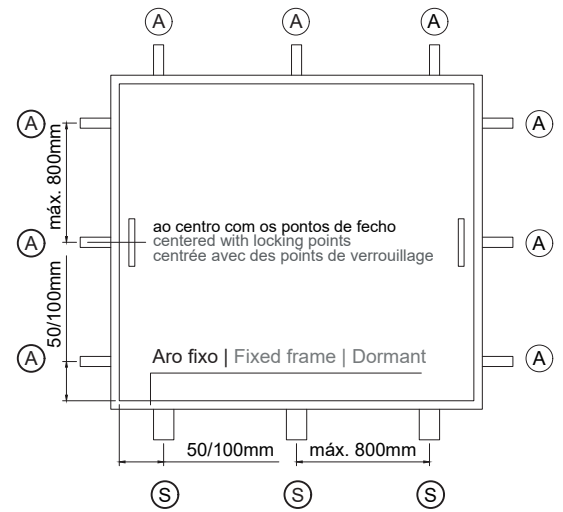
**212223** CONJ. TOPOS INFERIORES RENOVATIO  
 Para os perfis KE90, KE91, KE92, KE93, KE94 e KE95



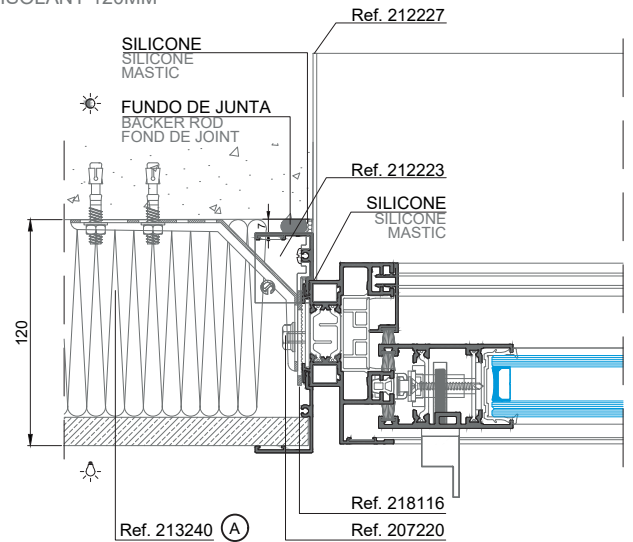
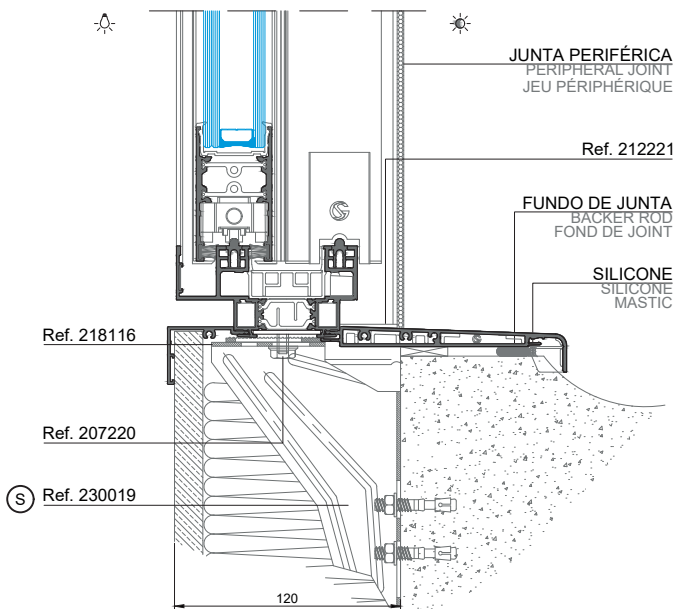
**212221** CONJUNTO TAPA TOPOS KE 71  
 Para o perfil KE71



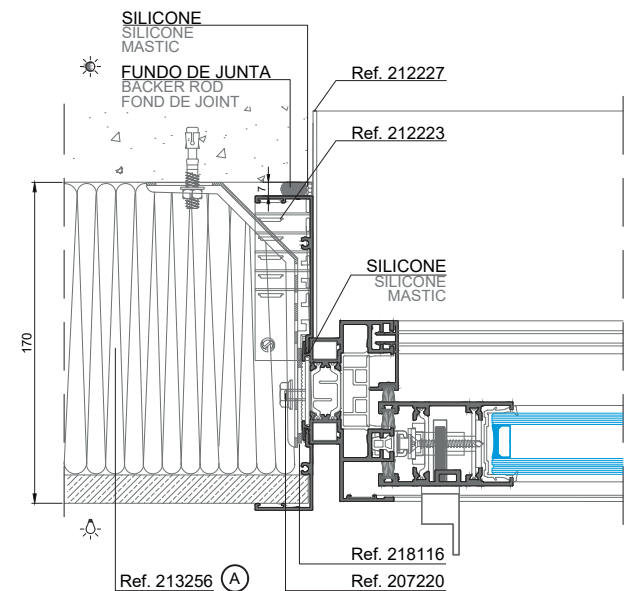
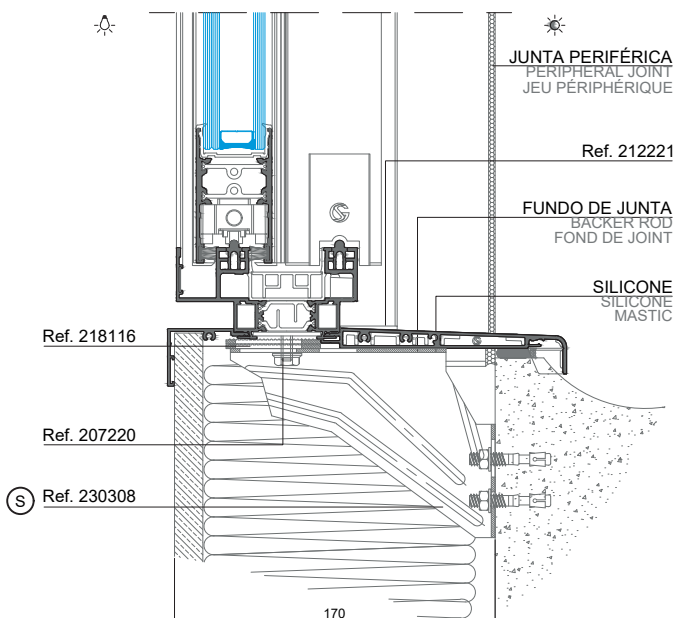
**212227** CONJ. JUNTAS ADESIVAS P/ TOPOS PERFIL SOLEIRA KE71



**A) PAINEL ISOLANTE DE 120MM | 120MM INSULATION PANEL | PANNEAU ISOLANT 120MM**



**B) PAINEL ISOLANTE DE 170MM | 170MM INSULATION PANEL | PANNEAU ISOLANT 170MM**



# V

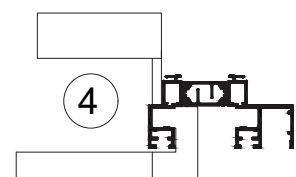
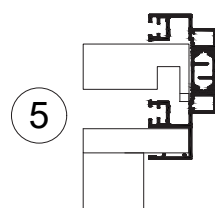
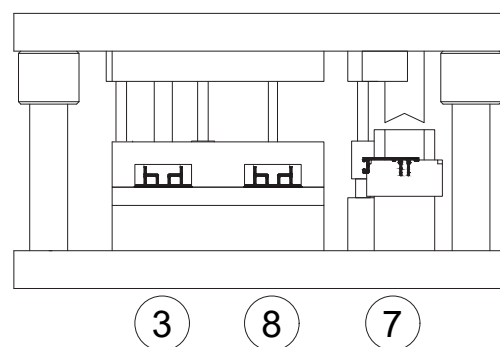
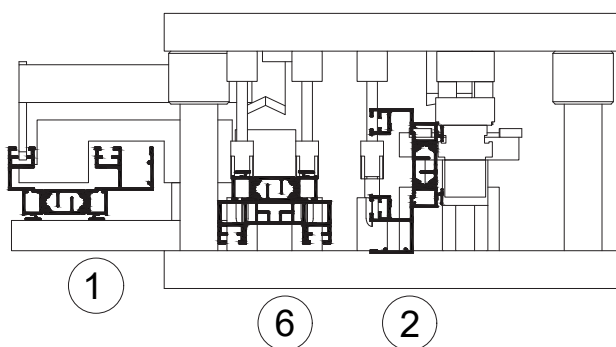
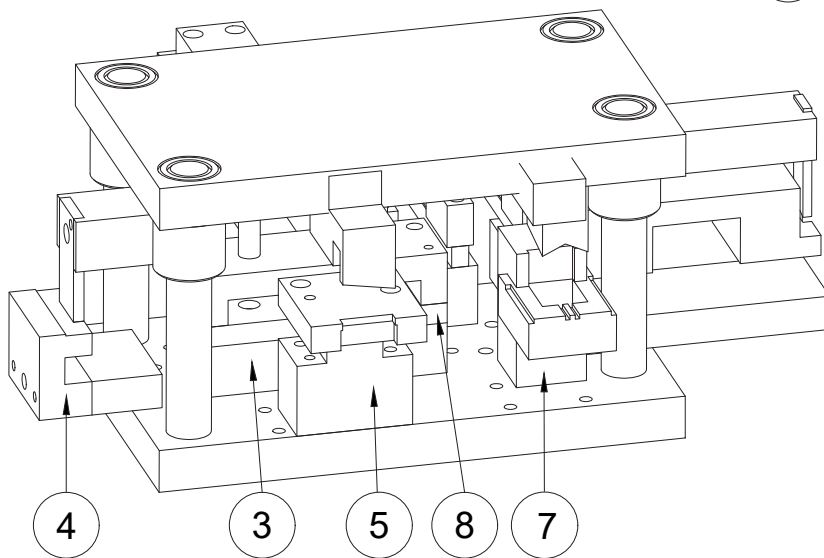
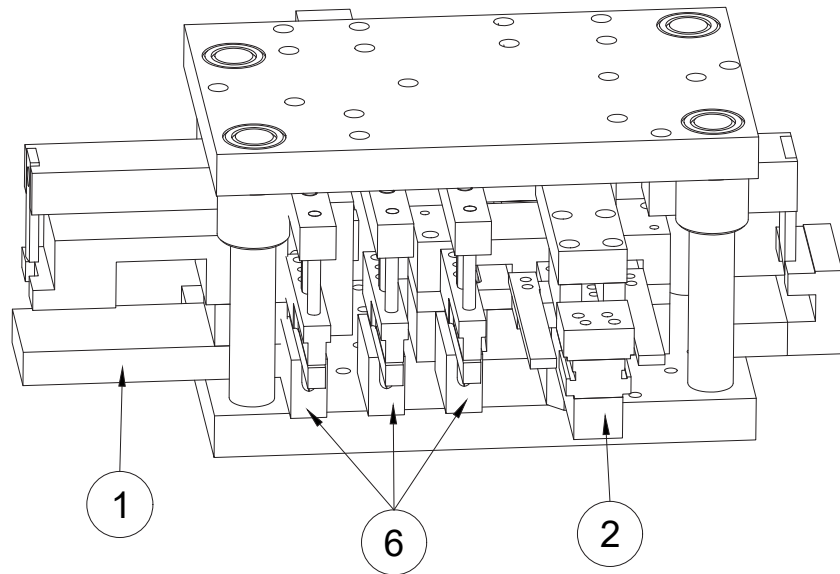
## MAQUINAÇÕES DOS PERFIS PROFILES MACHININGS | USINAGES DES PROFILÉS

MAQUINAÇÕES NOS CORTANTES MACHINING OPERATIONS ON THE PUNCHING TOOLS OPÉRATIONS D'USINAGE POUR OUTILS	V.1
MAQUINAÇÃO DOS PERFIS ARO FIXO FR, PT E TIPOLOGIAS FIXAS (CORTE 45°) FR, PT AND FIXED TYPOLOGIES FIXED FRAME PROFILES MACHINING (45° CUT) USINAGE DES PROFILÉS DORMANT FR, PT E TIPOLOGIAS FIXES (COUPE 45°)	V.2
MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°) FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT) USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)	V.3
MAQUINAÇÃO DOS PERFIS DE CAPA COVER PROFILES MACHINING USINAGE DES PROFILÉS DE CAPOT	V.4
MAQUINAÇÃO DOS PERFIS MONTANTES MULLION PROFILES MACHINING USINAGE DES PROFILÉS MENEAX	V.5
MAQUINAÇÃO DOS PERFIS GUIA E VEDANTE TAPA CANAL 2116 GUIDE PROFILE AND 2116 CHANNEL COVER JOINT MACHINING USINAGE DU PROFILÉ GUIDE ET DE LA JOINT DE COUVERTURE DU CHANNEL 2116	V.6
DRENAGENS POR TIPOLOGIA DRAINAGE BY FRAME TYPOLOGY DRAINAGE PAR TYPOLOGIE	V.7
MAQUINAÇÕES DOS PERFIS ARO MÓVEL MOBILE FRAME PROFILES MACHINING USINAGE DES PROFILÉS OUVRANT	V.8



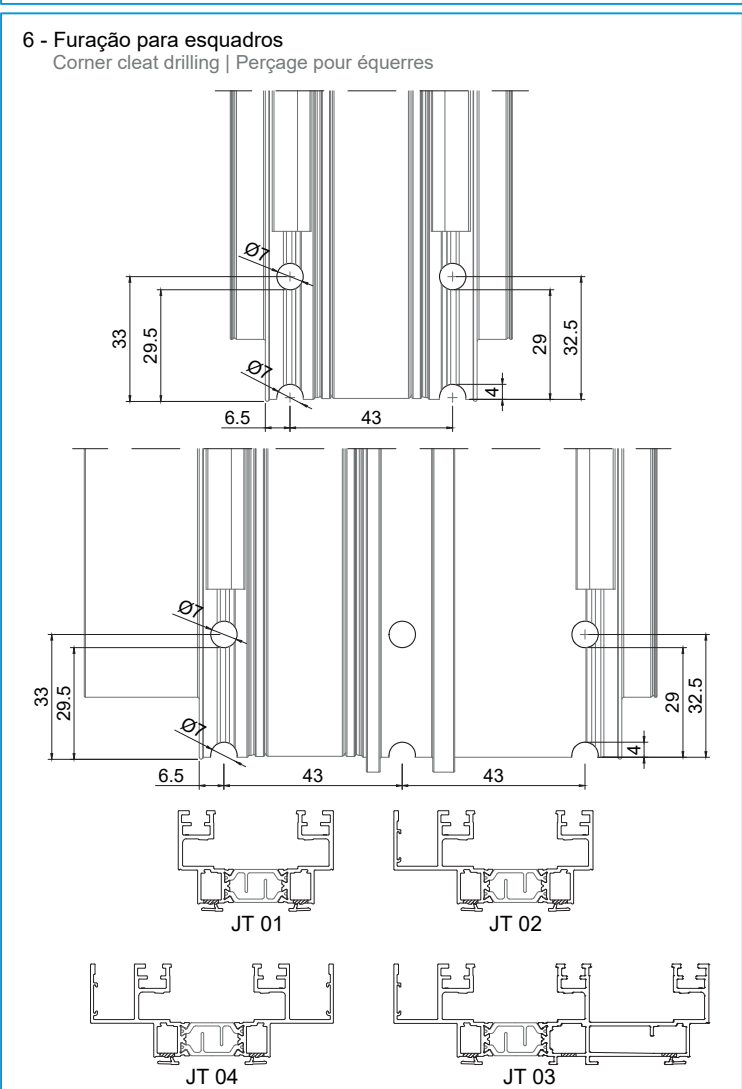
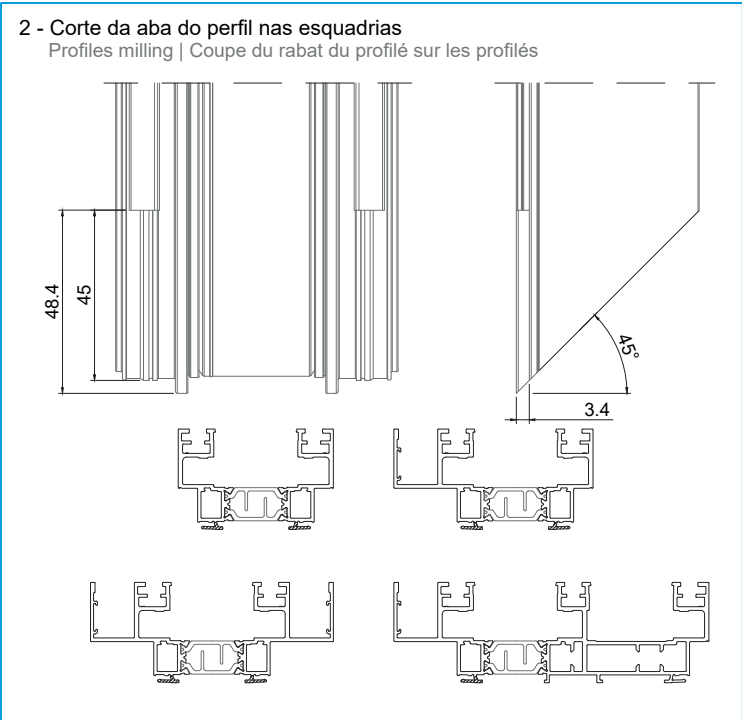
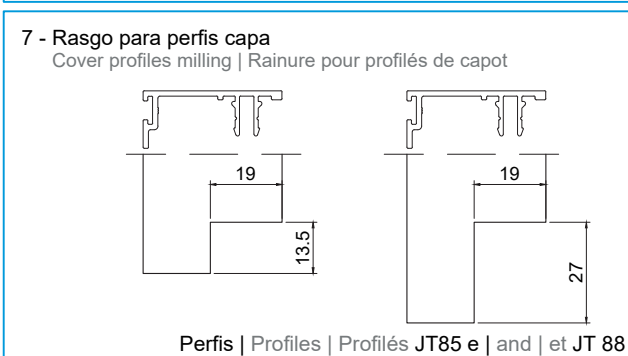
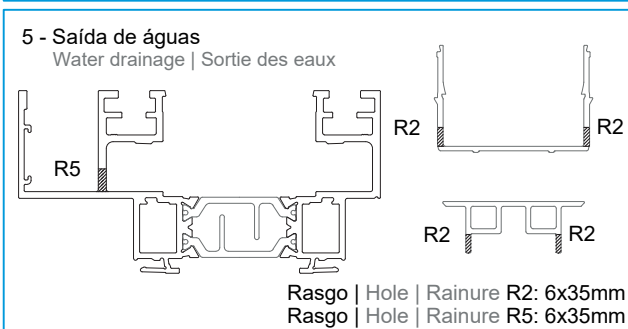
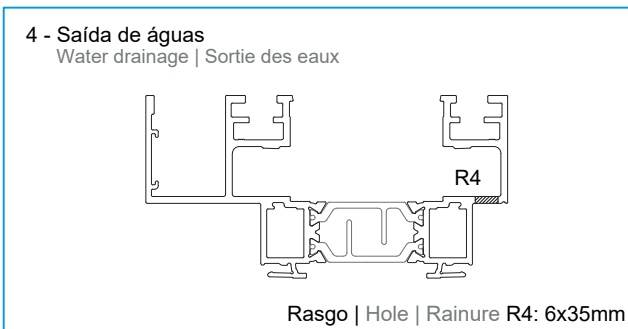
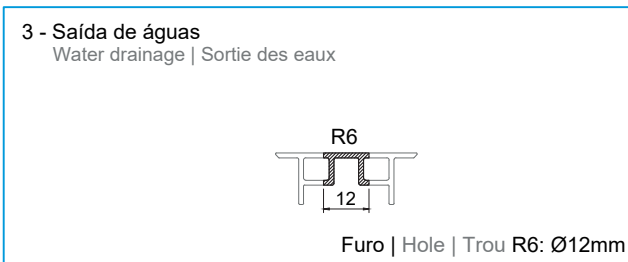
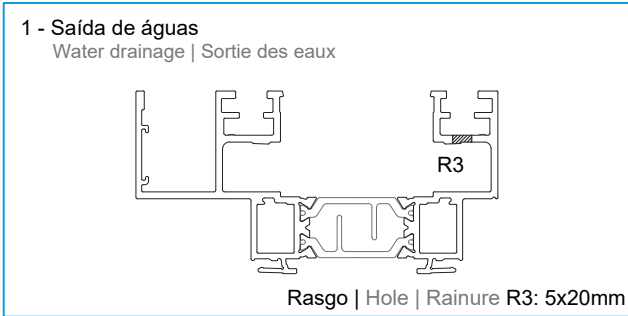
**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

1 - Cortante para aros fixos FR.  
FR fixed frames punching tool.  
Outil pour dormant FR.



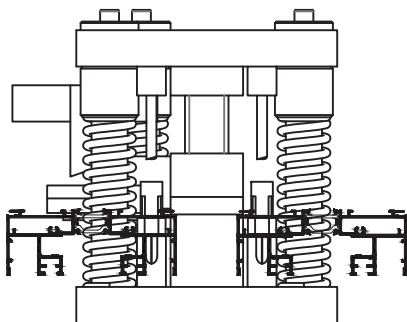
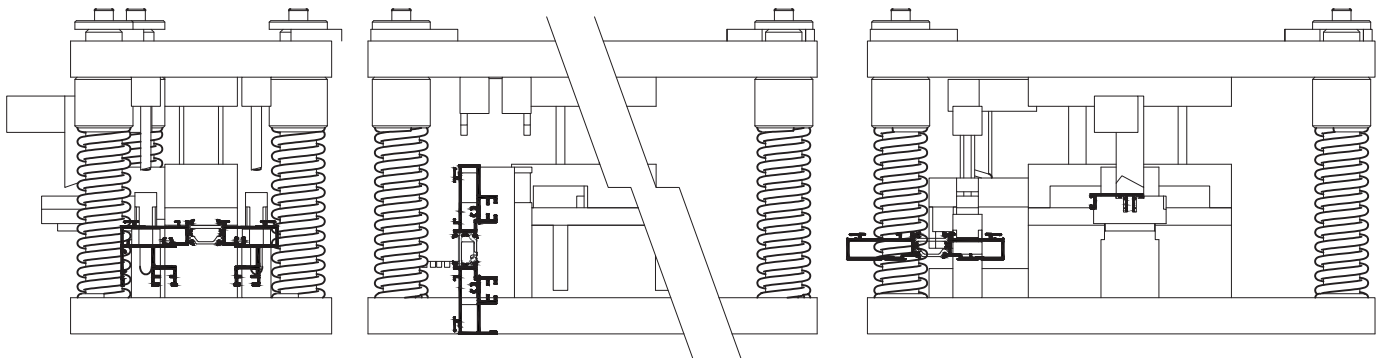
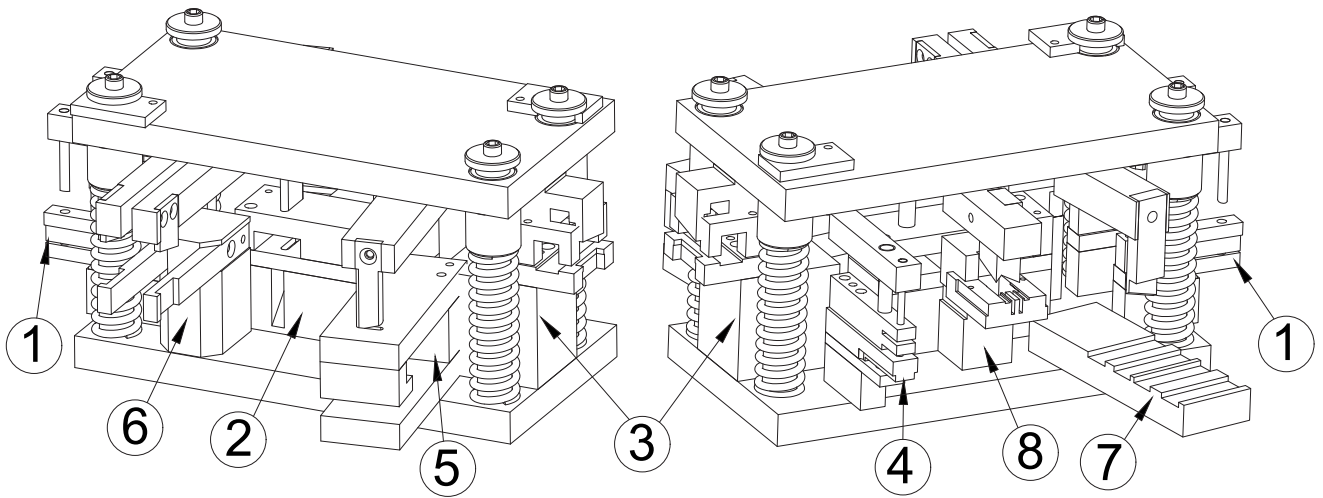
**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

**1 - Cortante para aros fixos FR.**  
FR fixed frames punching tool.  
Outil pour dormant FR.

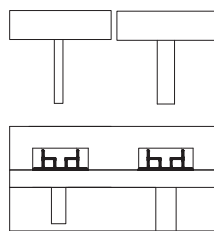


**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

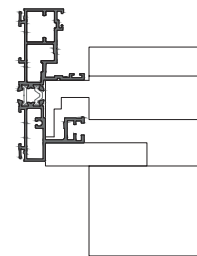
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PT fixed frames punching tool.  
Outil pour dormant PT.



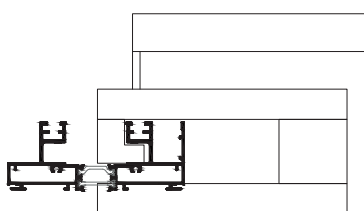
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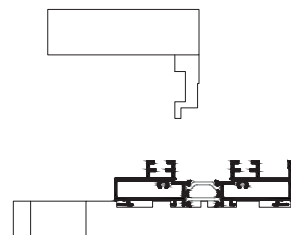
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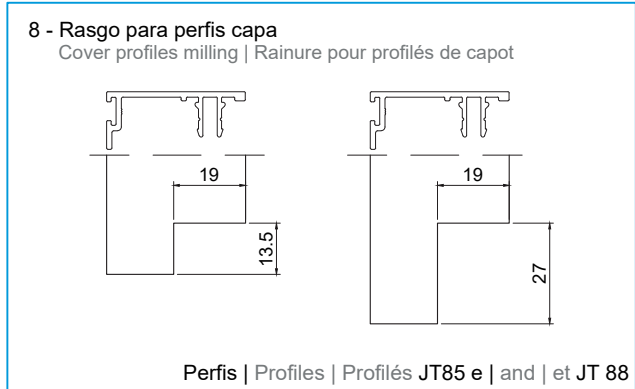
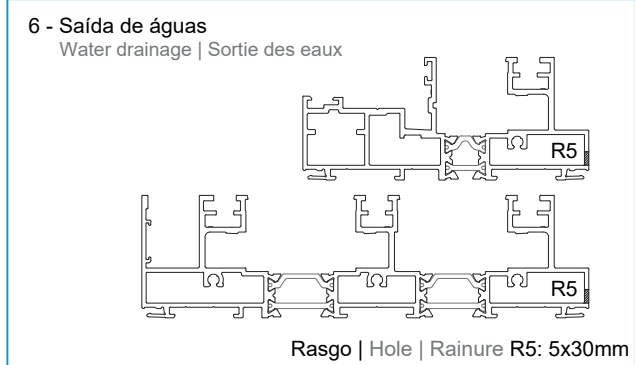
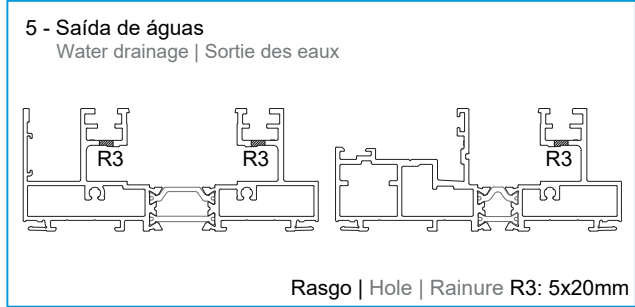
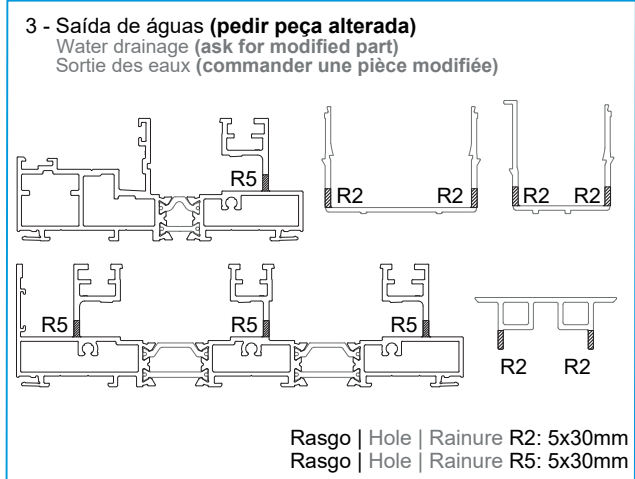
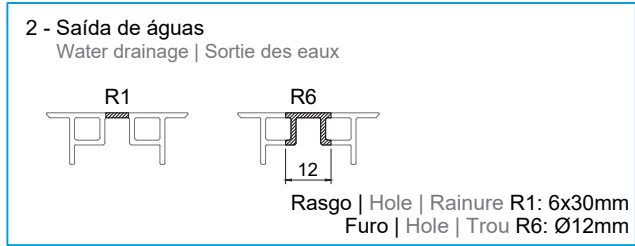
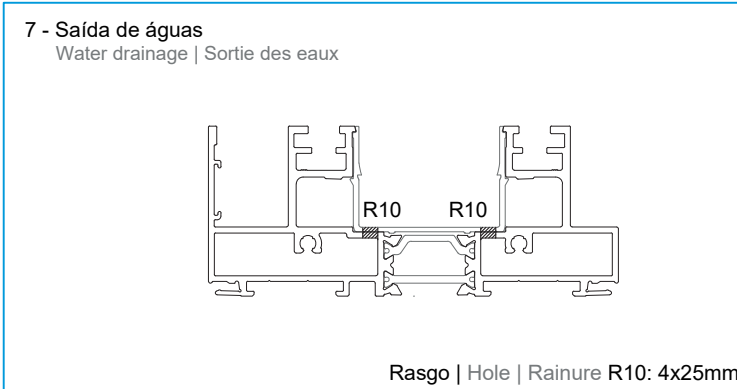
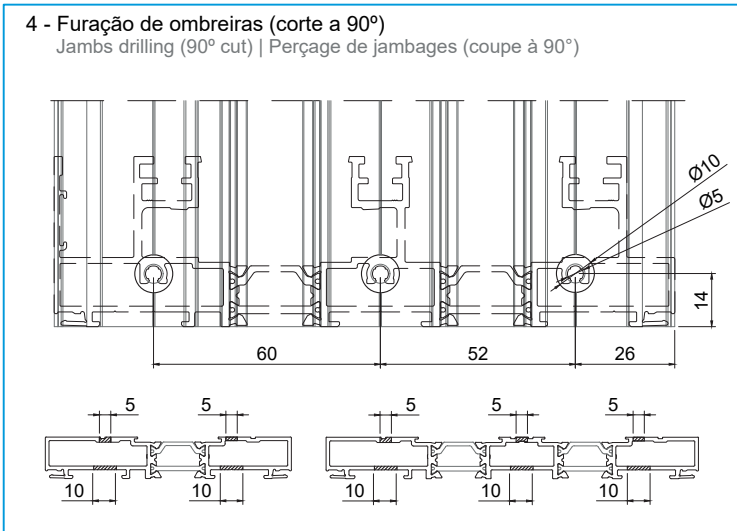
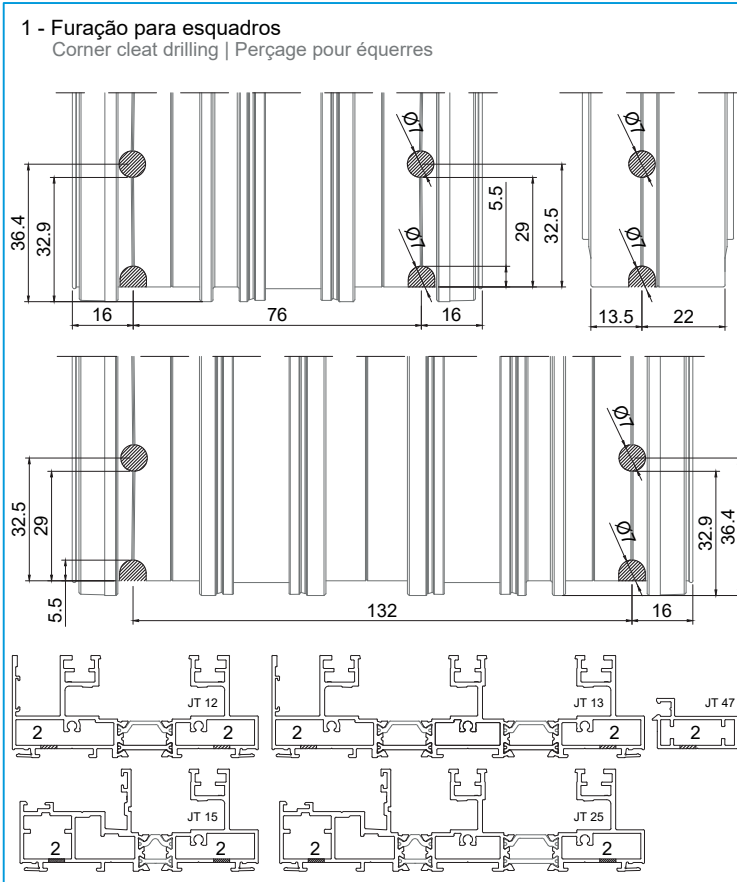
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7

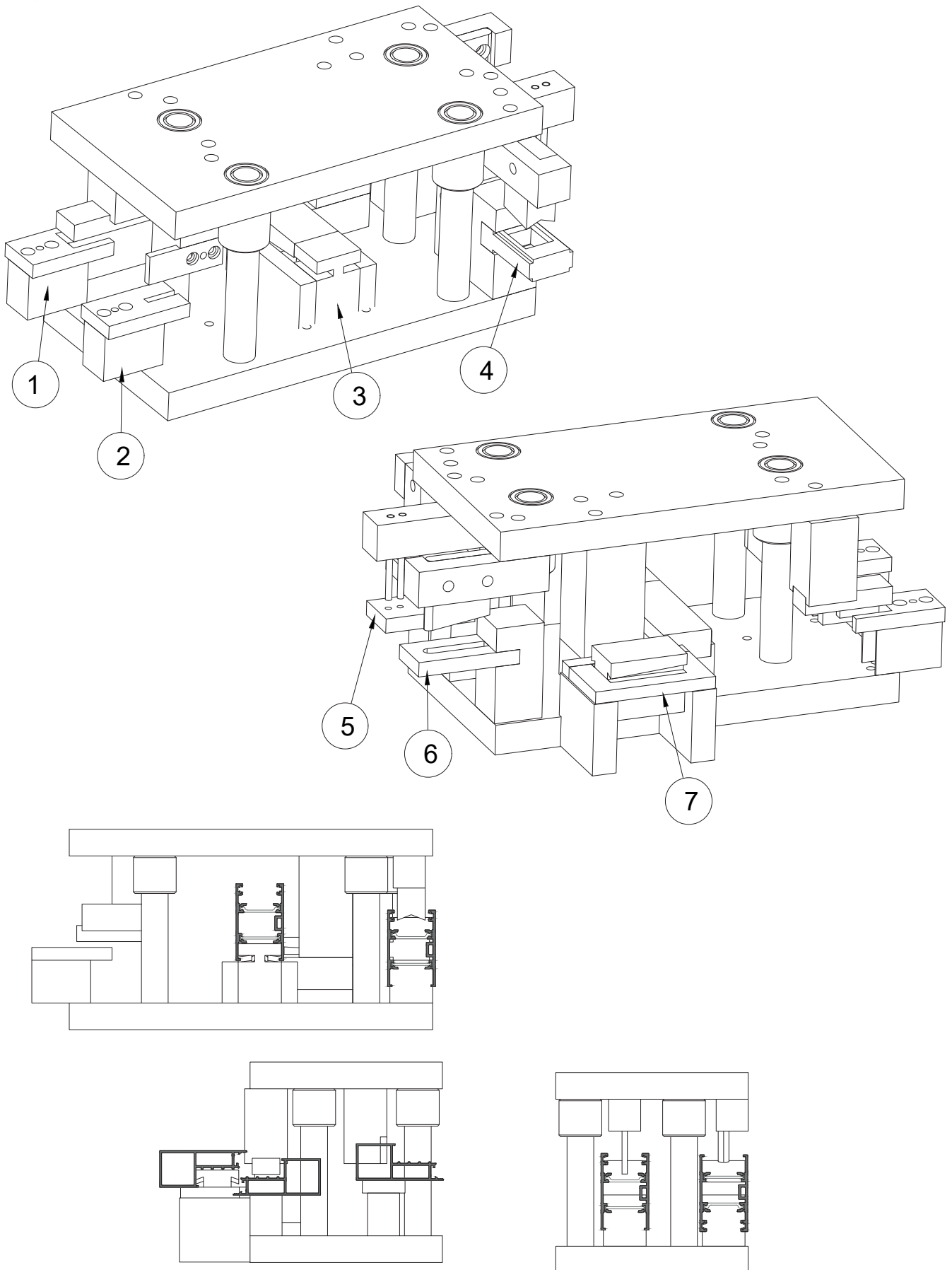
**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

**2 - Cortante para aros fixos PT.**  
PT fixed frames punching tool.  
Outil pour dormant PT.



**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

**3 - Cortante para folhas.**  
Mobile frames punching tool.  
Outil pour cadres ouvrants.



**MAQUINAÇÕES NOS CORTANTES**  
MACHINING OPERATIONS ON THE PUNCHING TOOLS  
OPÉRATIONS D'USINAGE POUR OUTILS

**3 - Cortante para folhas.**  
Mobile frames punching tool.  
Outil pour cadres ouvrants.

**1 - Entalhe para topo central**  
Central end-cap milling | Fraisage pour embout central

Perfis centrais  
Central profiles  
Profils centraux  
JT51 | JT52 | JT53 | JT 54

**2 - Fresagem no tubular de reforço**  
Reinforcement tubular milling | Fraisage dans le tubulaire de renfort

Perfis centrais  
Central profiles  
Profils centraux  
JT52 | JT53 | JT54

**3 - Maquinação para travessa**  
Machining for transom | Usinage pour traverse

Perfis laterais  
Lateral profiles  
Profils latéraux  
JT61 | JT62 | JT67 | JT68

**4 - Entalhe para topo lateral**  
Lateral end-cap milling | Fraisage pour embout lateral

Perfis laterais  
Lateral profiles  
Profils latéraux  
JT61 | JT62 | JT67 | JT68

**5 - Furação para topo lateral**  
Lateral end-cap drilling | Perçage pour embout lateral

Perfis laterais  
Lateral profiles  
Profils latéraux  
JT61 | JT62 | JT67 | JT68

**6 - Entalhe para topo lateral**  
Lateral end-cap milling | Fraisage pour embout lateral

Perfis laterais  
Lateral profiles  
Profils latéraux  
JT61 | JT62 | JT67 | JT68

**7 - Maquinação para travessa**  
Machining for transom | Usinage pour traverse

**MAQUINAÇÃO DOS PERFIS ARO FIXO FR, PT E TIPOLOGIAS FIXAS (CORTE 45°)**

FR, PT AND FIXED TYPOLOGIES FIXED FRAME PROFILES MACHINING (45° CUT)

USINAGE DES PROFILÉS DORMANT FR, PT E TIPOLOGIAS FIXES (COUPE 45°)

**1 - Corte dos perfis para os aros fixos e do perfil PVC U.**

Fixed frame profiles and U PVC profile cutting.  
Découpe des profilés pour dormants et profilé PVC U.

**PASSO | STEP | ÉTAPE 1:**

Cortar os perfis para o aro fixo e o perfil PVC U em simultâneo em barras de 6,5m.

Cut the fixed frame profiles and U PVC profile simultaneously in 6,5m bars.

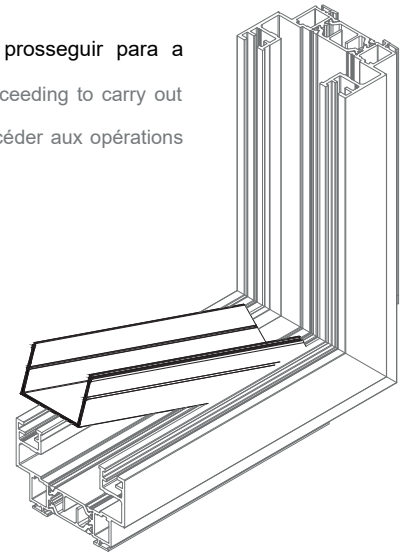
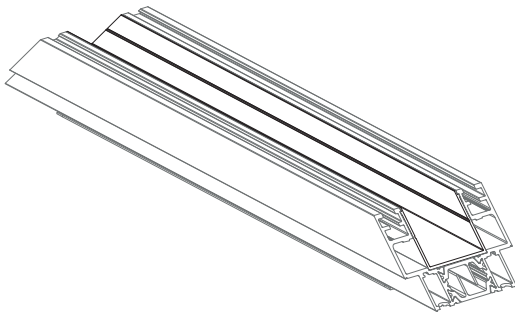
Découper simultanément les profilés pour le dormant et le profilé PVC U en barres de 6,5m.

**PASSO | STEP | ÉTAPE 2:**

Separar o perfil PVC U antes de prosseguir para a realização das operações no aro fixo.

Separate the U PVC profile before proceeding to carry out operations on the fixed frame.

Séparer le profilé PVC U avant de procéder aux opérations sur le dormant.



**2 - Maquinação dos perfis de aro fixo FR. Seguir este procedimento em todos os perfis de aro fixo FR.**

FR fixed frame profiles machining. Follow this procedure in all FR fixed frame profiles.

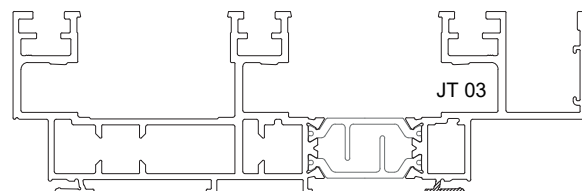
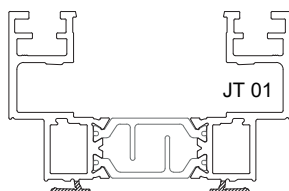
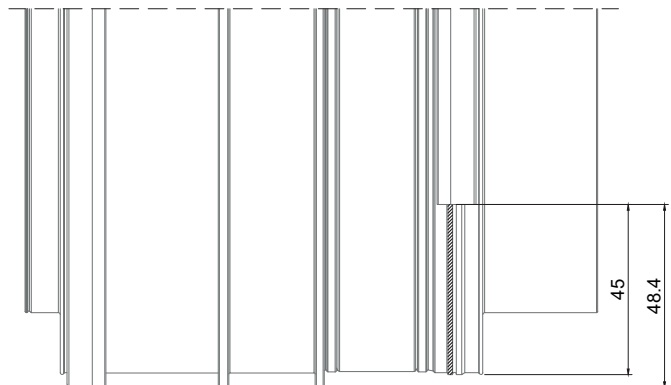
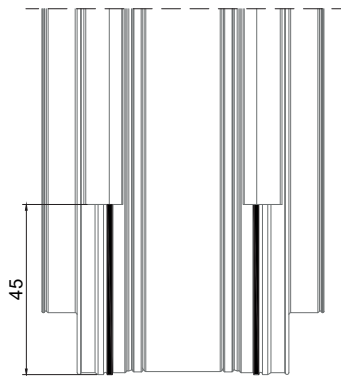
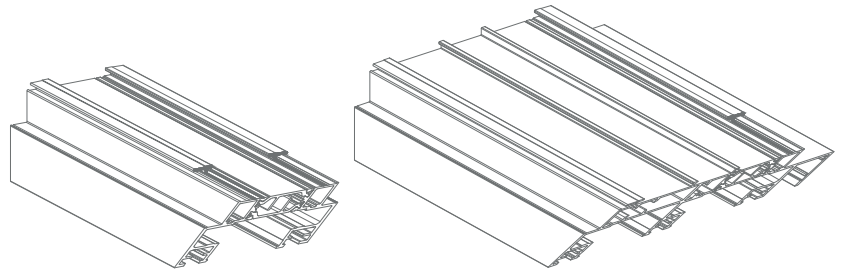
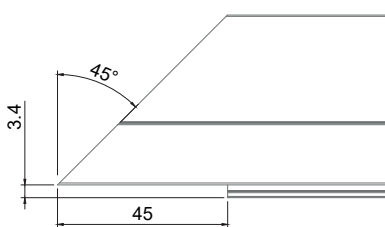
Usinage des profilés dormant. Suivre cette procédure sur tous les profilés dormant FR.

**IMPORTANTE | IMPORTANT | IMPORTANT:**

Esta maquinação não é necessária nos aros fixos PT.

This machining is not necessary in PT fixed frames.

Cet usinage n'est pas nécessaire pour les dormant PT.



**MAQUINAÇÃO DOS PERFIS ARO FIXO FR, PT E TIPOLOGIAS FIXAS (CORTE 45°)**

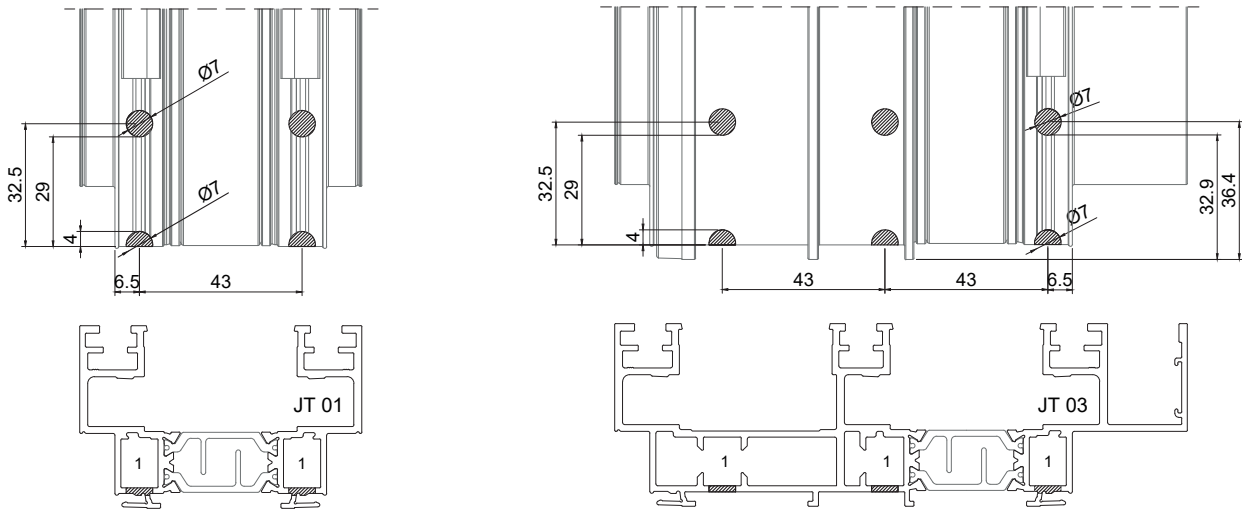
FR, PT AND FIXED TYPOLOGIES FIXED FRAME PROFILES MACHINING (45° CUT)

USINAGE DES PROFILÉS DORMANT FR, PT E TIPOLOGIAS FIXES (COUPE 45°)

**3 - Maquinação de perfis aro fixo FR para aplicação de esquadros. Seguir este procedimento em todos os perfis de aro fixo FR.**

FR fixed frame profiles milling for corner cleat application. Follow this procedure in all FR fixed frame profiles.

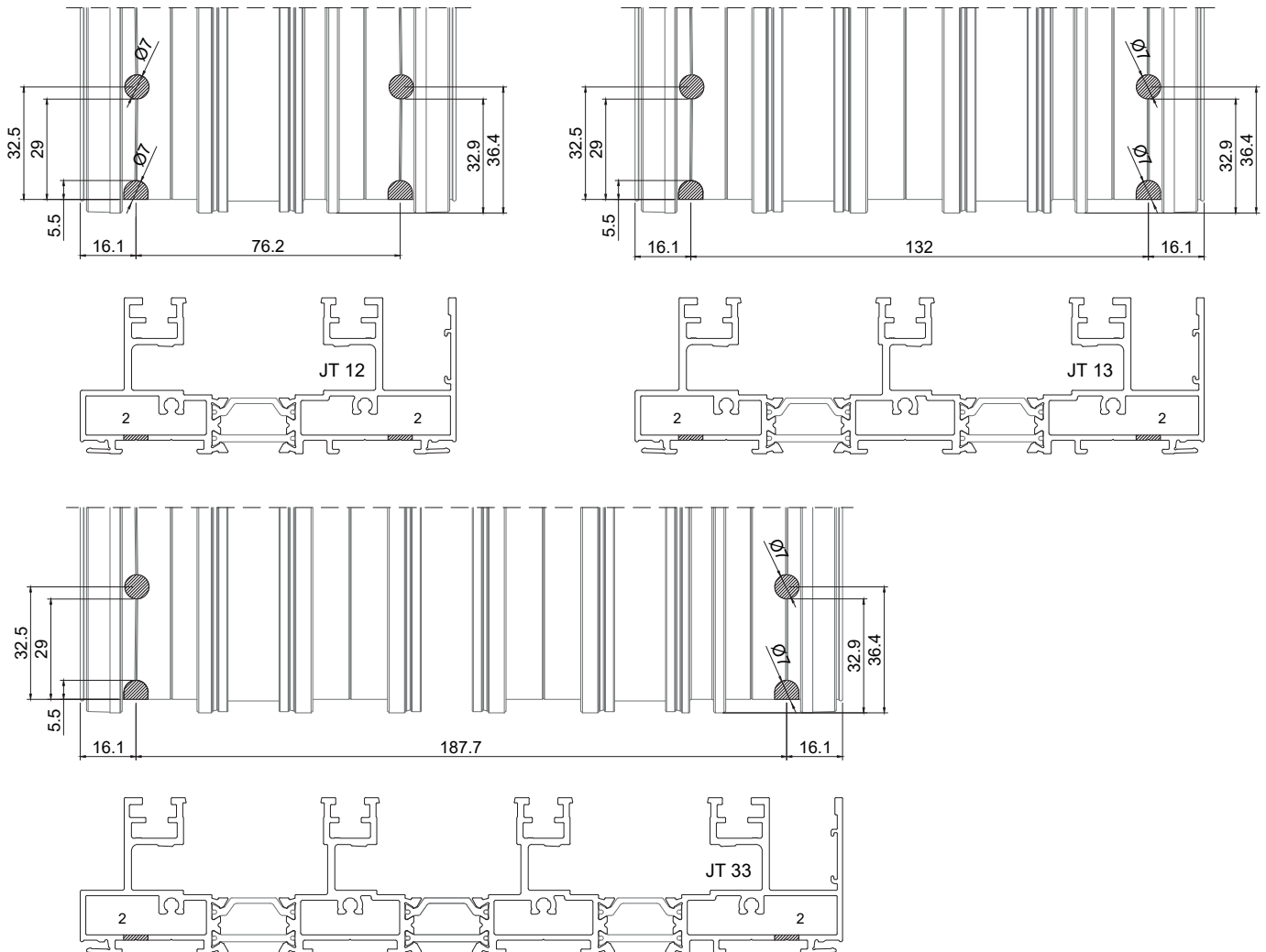
Fraisage des profilés dormant FR pour l'application de équerres. Suivre cette procédure sur tous les profilés dormant FR.



**4 - Maquinação de perfis aro fixo PT para aplicação de esquadros. Seguir este procedimento em todos os perfis de aro fixo PT.**

PT fixed frame profiles milling for corner cleat application. Follow this procedure in all PT fixed frame profiles.

Fraisage des profilés dormant PT pour l'application de équerres. Suivre cette procédure sur tous les profilés dormant PT.



1 - ESQUADRO | CORNER CLEAT | ÉQUERRE JT 12x9.5

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE JT 11x20.5



**MAQUINAÇÃO DOS PERFIS ARO FIXO FR, PT E TIPOLOGIAS FIXAS (CORTE 45°)**

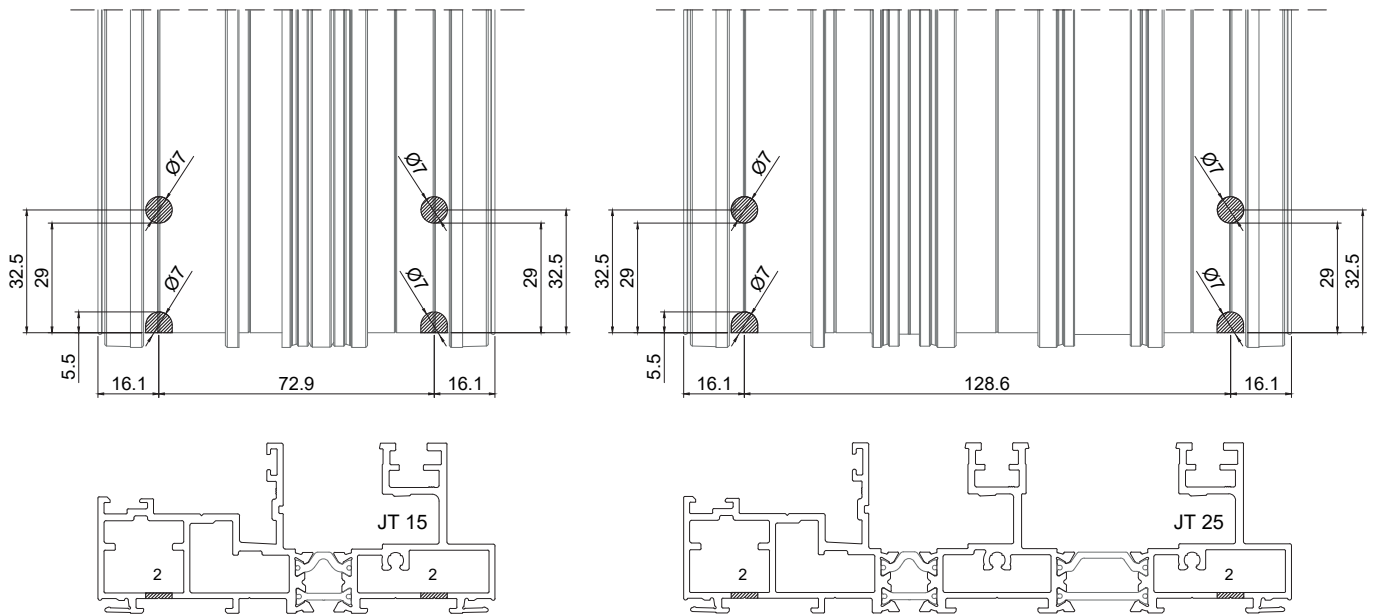
FR, PT AND FIXED TYPOLOGIES FIXED FRAME PROFILES MACHINING (45° CUT)

USINAGE DES PROFILÉS DORMANT FR, PT E TIPOLOGIAS FIXES (COUPE 45°)

**5 - Maquinação dos perfis aro fixo JT 15 e JT 25 para aplicação de esquadros.**

JT 15 and JT 25 fixed frame profiles milling for corner cleat application.

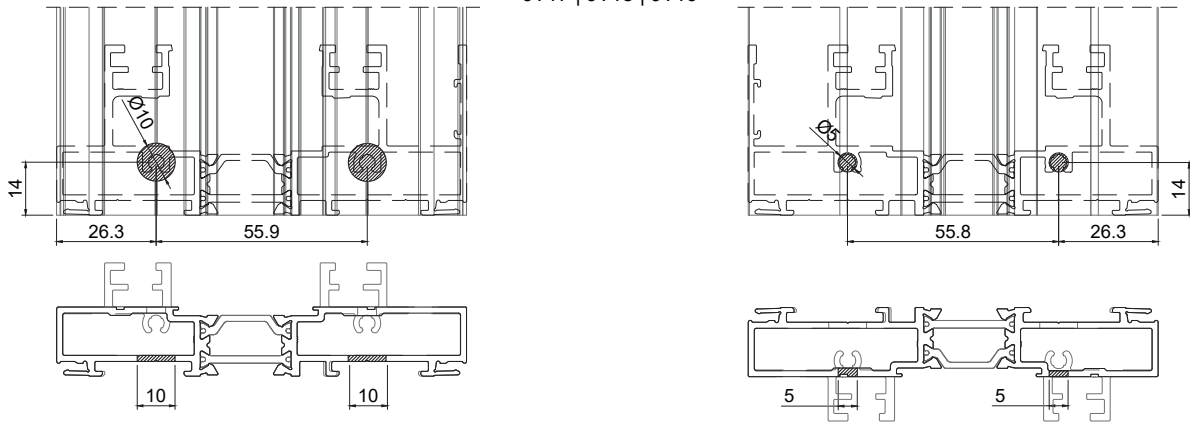
Fraisage des profilés dormant JT 15 et JT 25 pour l'application de équerres.



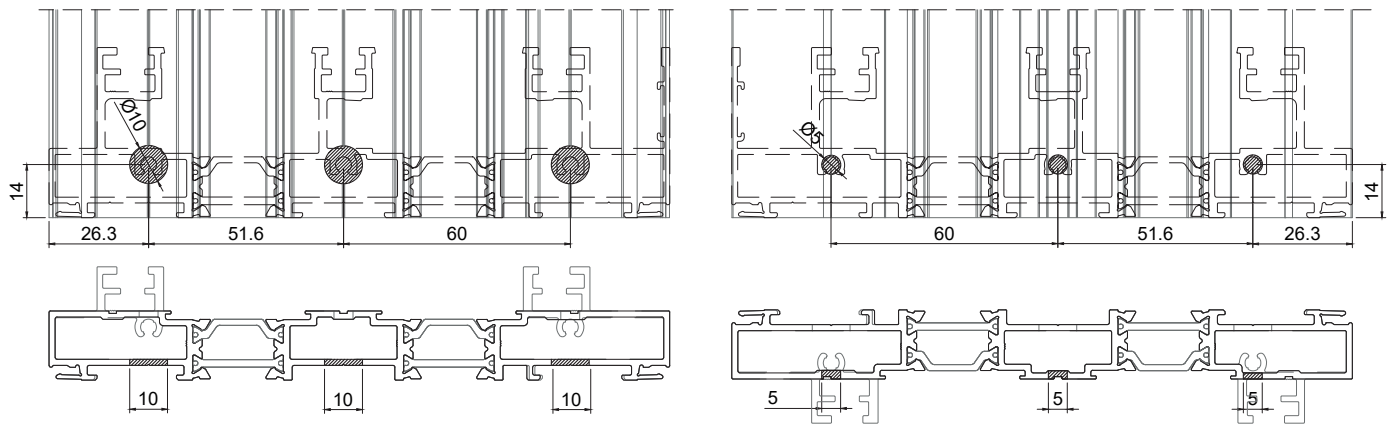
**MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)**  
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)  
USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)

**1 - Furação dos perfis ombreira.**  
Jamb profiles drilling.  
Perçage des profilés de jambage.

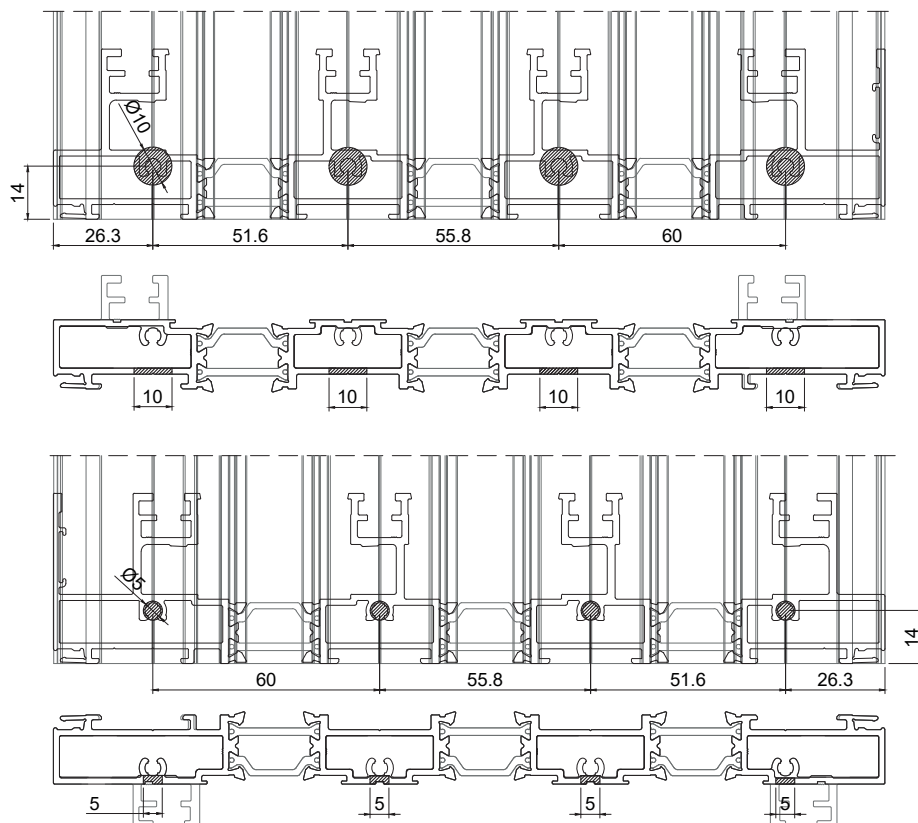
JT17 | JT18 | JT19



JT27 | JT28 | JT29



JT37 | JT38 | JT39 | JT43



**MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)**

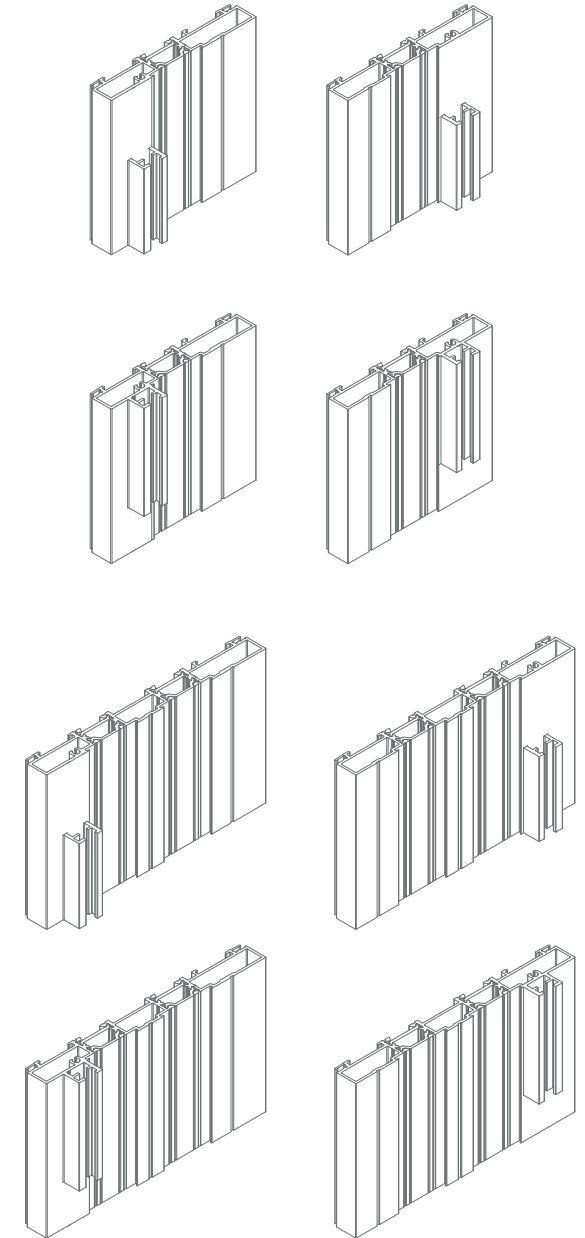
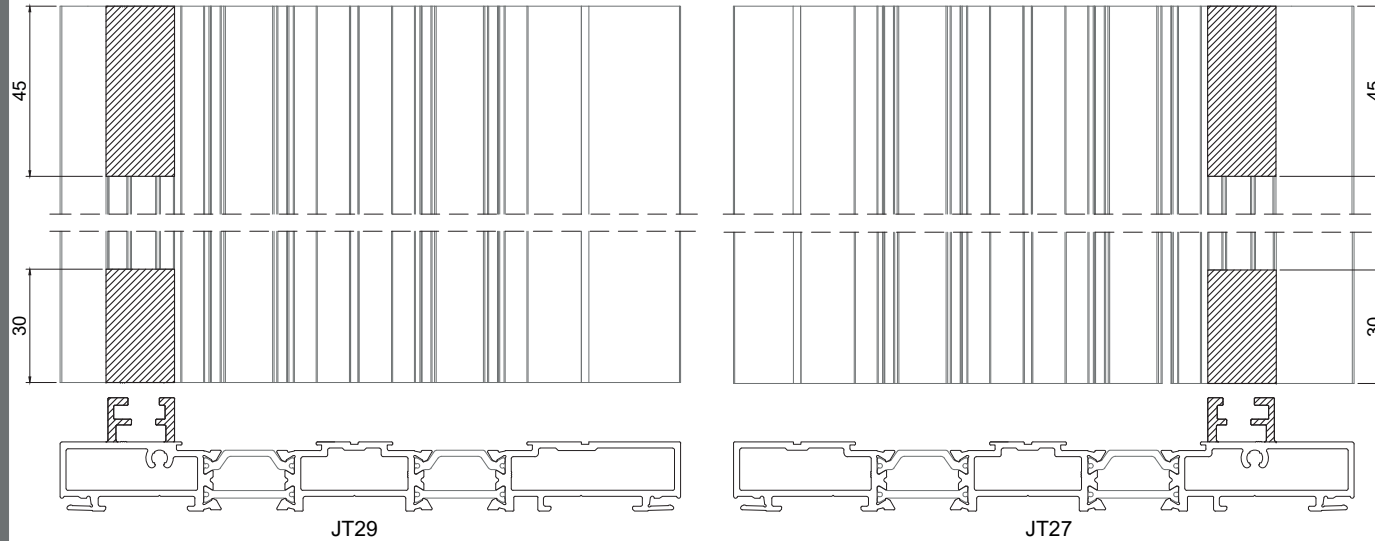
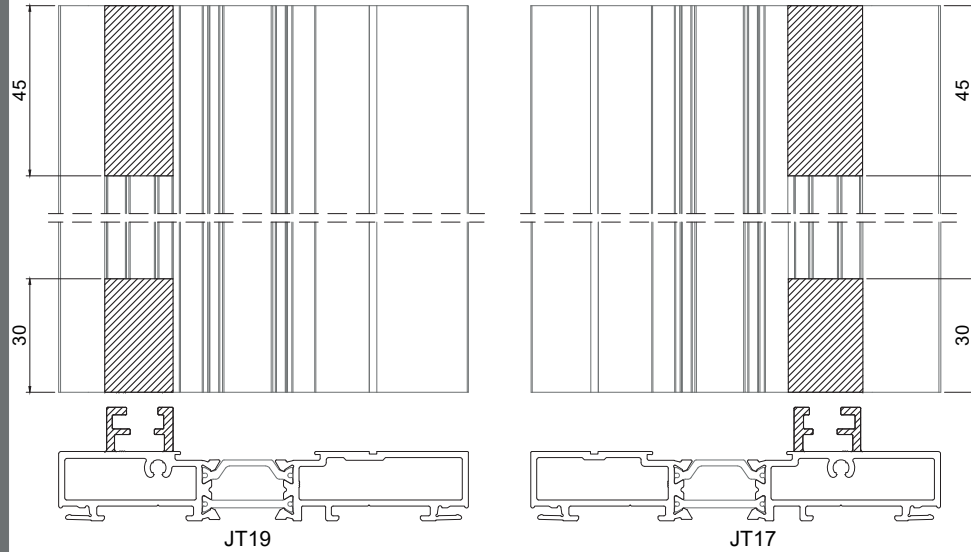
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)

USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)

**2 - Maquinação dos perfis ombreira.**

Jamb profiles machining.

Usinage des profilés jambage.



**MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)**

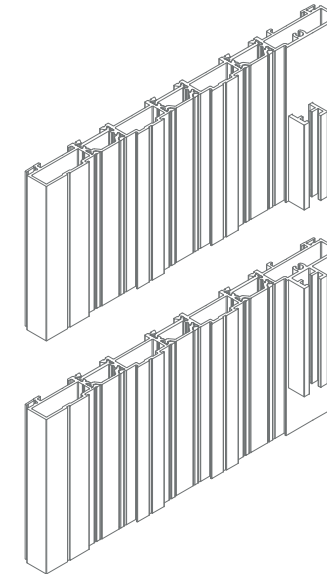
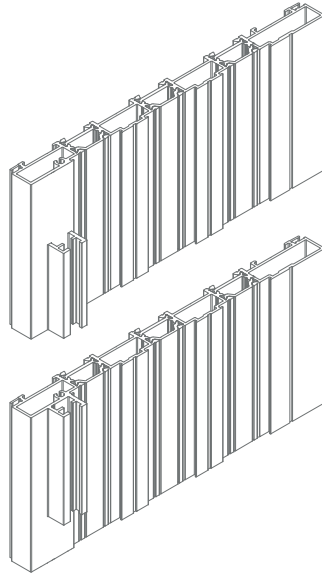
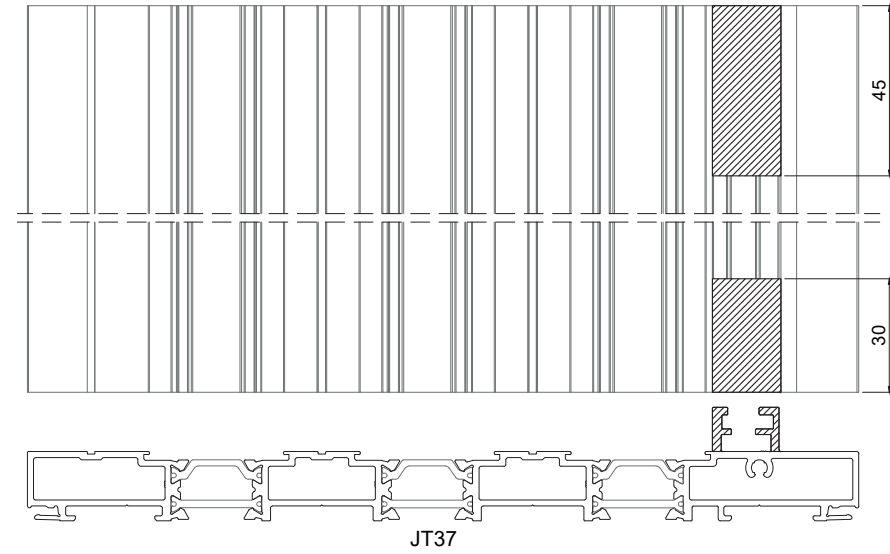
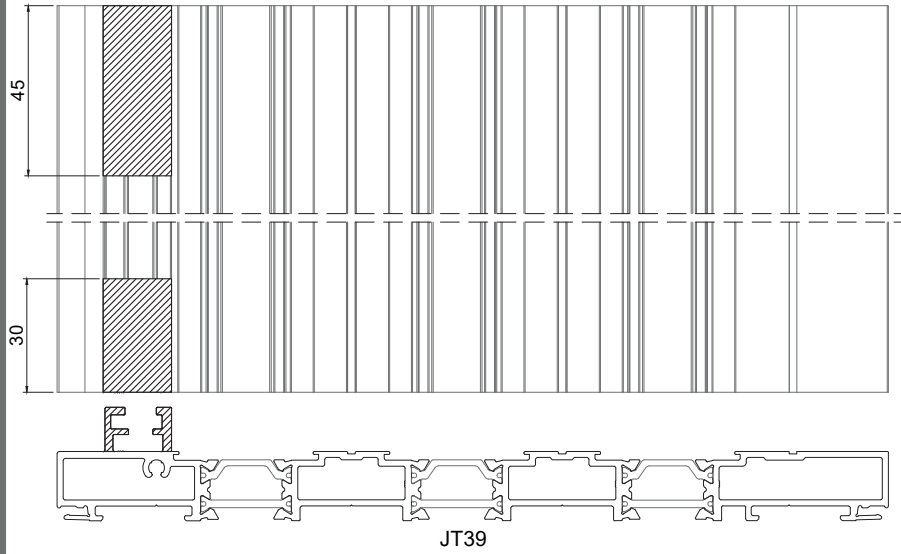
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)

USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)

**2 - Maquinação dos perfis ombreira.**

Jamb profiles machining.

Usinage des profilés jambage.

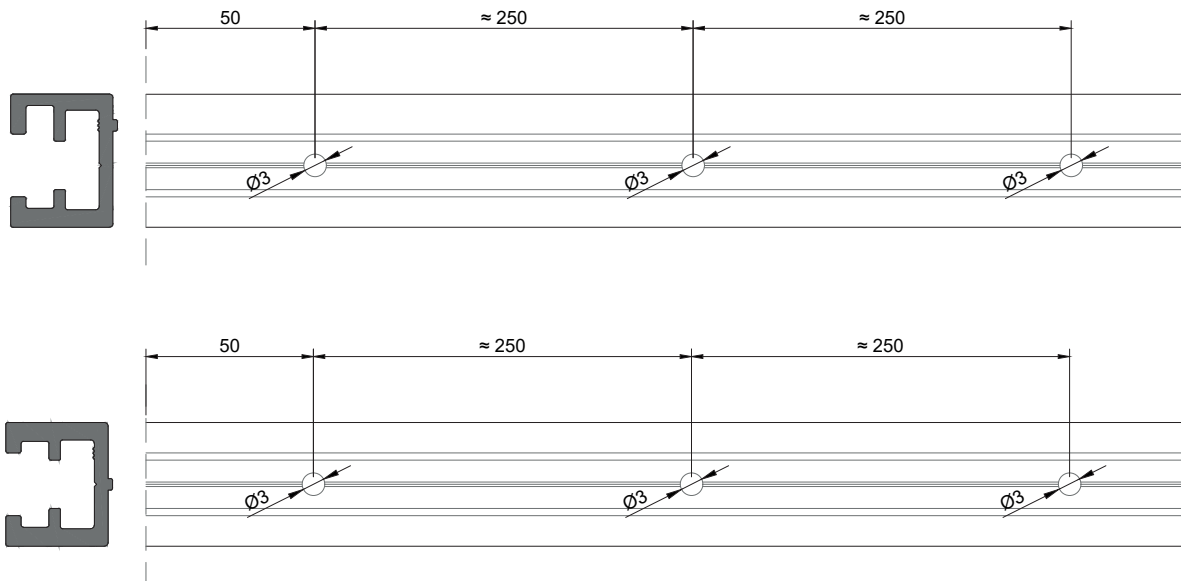


**MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)**  
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)  
USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)

**3 - Furação dos perfis guias laterais JT78 and JT79.**

JT78 and JT79 lateral guides profiles drilling.

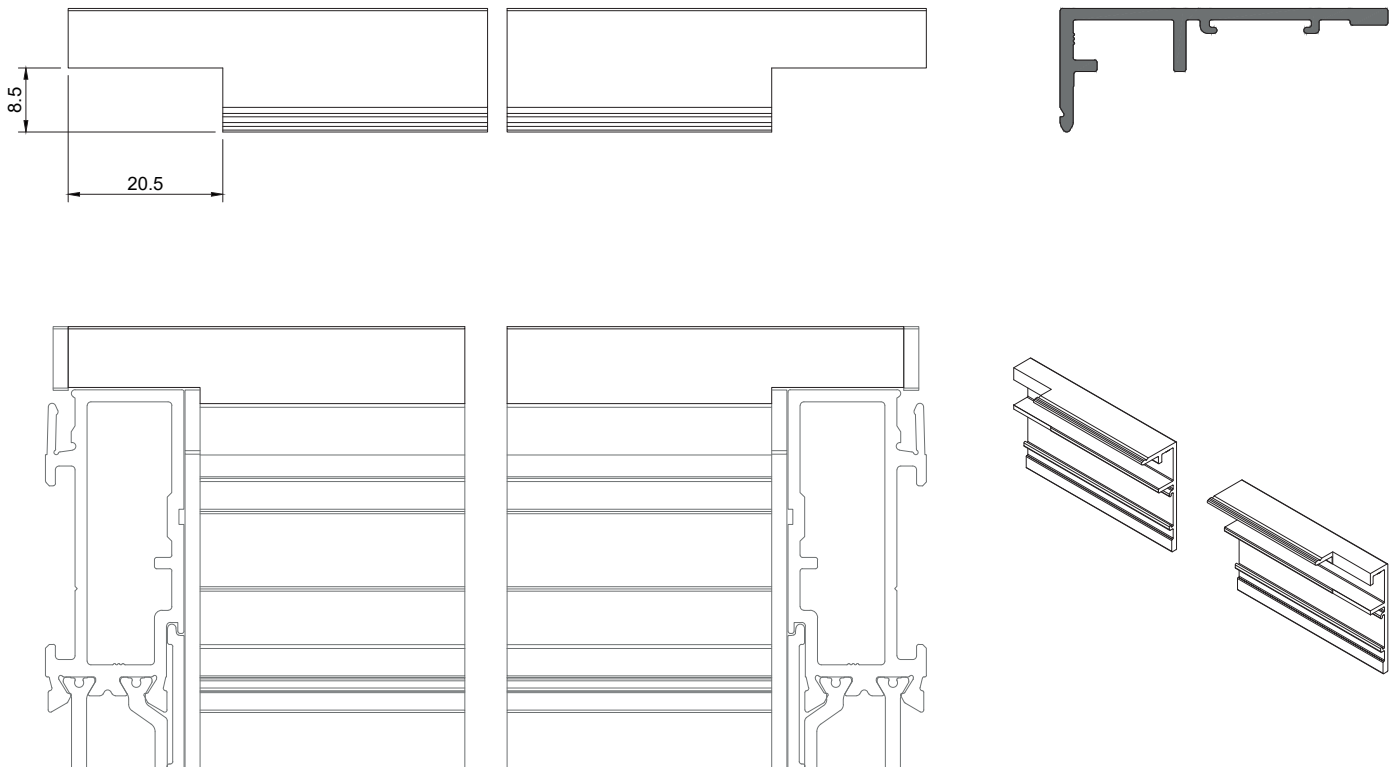
Perçage des profilés de guidage pour jambage JT78 et JT79.



**4 - Maquinação do perfil pingadeira JT82.**

JT82 drip profile machining.

Usinage du profilé larmier JT82.



**MAQUINAÇÕES DE PERFIS DE CAPA**

COVER PROFILES MACHINING

USINAGE DES PROFILÉS DE CAPOT

1- Corte, entalhes e aplicação das capas JT85 e JT88.

Cutting, milling and applying the JT85 and JT88 cover profiles.

Découpe, fraisage et application des capots JT85 et JT88.

1.1 - Medidas de corte. A medida de corte dos perfis de capa varia consoante a aplicação ou não do perfil PVC T:

Cutting measures. Cover profiles cutting measure varies depending on the application or not of the T PVC profile:

Mesures de coupe. La mesure de la coupe du profilés de capot varie selon que le profil PVC T est appliqué ou non:

Situação Situation   Situation	Medidas de Corte Cutting measures   Mesures de coupe		Esquema de aplicação Application scheme   Schéma d'application	
	Aros   Frames   Cadre <b>FR</b>	Aros   Frames   Cadre <b>PT</b>		
Perfis PVC T aplicados: cima <b>e</b> baixo T PVC profiles applied: top <b>and</b> bottom Profilés en PVC T appliqués: haut <b>et</b> bas	H - 72	H - 65		
Perfis PVC T aplicados: cima <b>ou</b> baixo T PVC profiles applied: top <b>or</b> bottom Profilés en PVC T appliqués: haut <b>ou</b> bas	H - 58	H - 51		
Caixilho sem aplicação de perfis PVC T Frame without T PVC profiles applied Cadre sans application de profilés PVC T	H - 45	H - 38		

1.2 - Maquinação dos perfis.

Profiles machining.

Usinage des profilés.

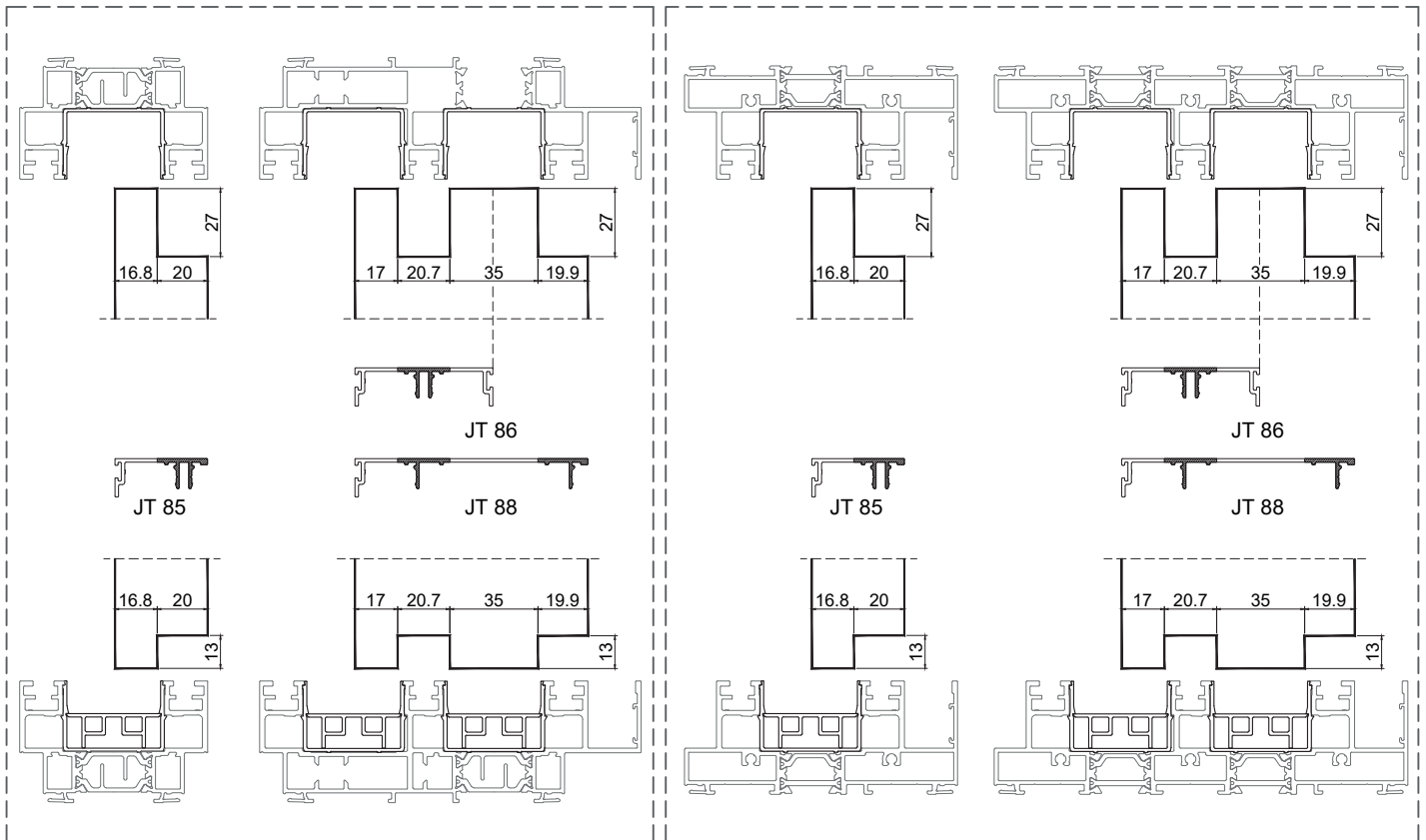
1.2.1- Quando aplicados na vertical, os perfis necessitam de maquinações conforme esquemas abaixo, em ambas as extremidades.

When applied vertically, the profiles require machining according to the diagrams below, at both ends.

Lorsqu'ils sont appliqués verticalement, les profilés nécessitent un usinage selon les schémas ci-dessous, aux deux extrémités.

Aros | Frames | Cadre **FR**

Aros | Frames | Cadre **PT**



1.2.2 - Quando aplicados na horizontal, o corte destes perfis deverá ser reto e sem maquinações.

When applied horizontally, the cut of these profiles should be straight and without machining.

Lorsqu'ils sont appliqués horizontalement, la coupe de ces profilés doit être rectiligne et sans usinage.

**MAQUINAÇÕES DE PERFIS DE CAPA**

COVER PROFILES MACHINING

USINAGE DES PROFILÉS DE CAPOT

**2 - Corte, entalhes e aplicação das capas JT90, JT91 e JT92.**

Cutting, milling and applying the JT90, JT91 and JT92 cover profiles.

Découpe, fraisage et application des capots JT90, JT91 et JT92.

**2.1 - Medidas de corte. A medida de corte dos perfis de capa varia consoante a aplicação ou não do perfil PVC T:**

Cutting measures. Cover profiles cutting measure varies depending on the application or not of the T PVC profile:

Mesures de coupe. La mesure de la coupe du profilés de capot varie selon que le profil PVC T est appliqué ou non:

Situação Situation   Situation	Medidas de Corte Cutting measures   Mesures de coupe			Esquema de aplicação Application scheme   Schéma d'application
	Aros   Frames   Cadre <b>PT</b>			
	JT 90	JT 91	JT 92	
Perfis PVC T aplicados: cima <b>e</b> baixo T PVC profiles applied: top <b>and</b> bottom Profilés en PVC T appliqués: haut <b>et</b> bas		H - 65		
Perfis PVC T aplicados: cima <b>ou</b> baixo T PVC profiles applied: top <b>or</b> bottom Profilés en PVC T appliqués: haut <b>ou</b> bas	H - 38	H - 51	H - 38	
Caixilho sem aplicação de perfis PVC T Frame without T PVC profiles applied Cadre sans application de profilés PVC T		H - 38		

**2.2 - Maquinação dos perfis.**

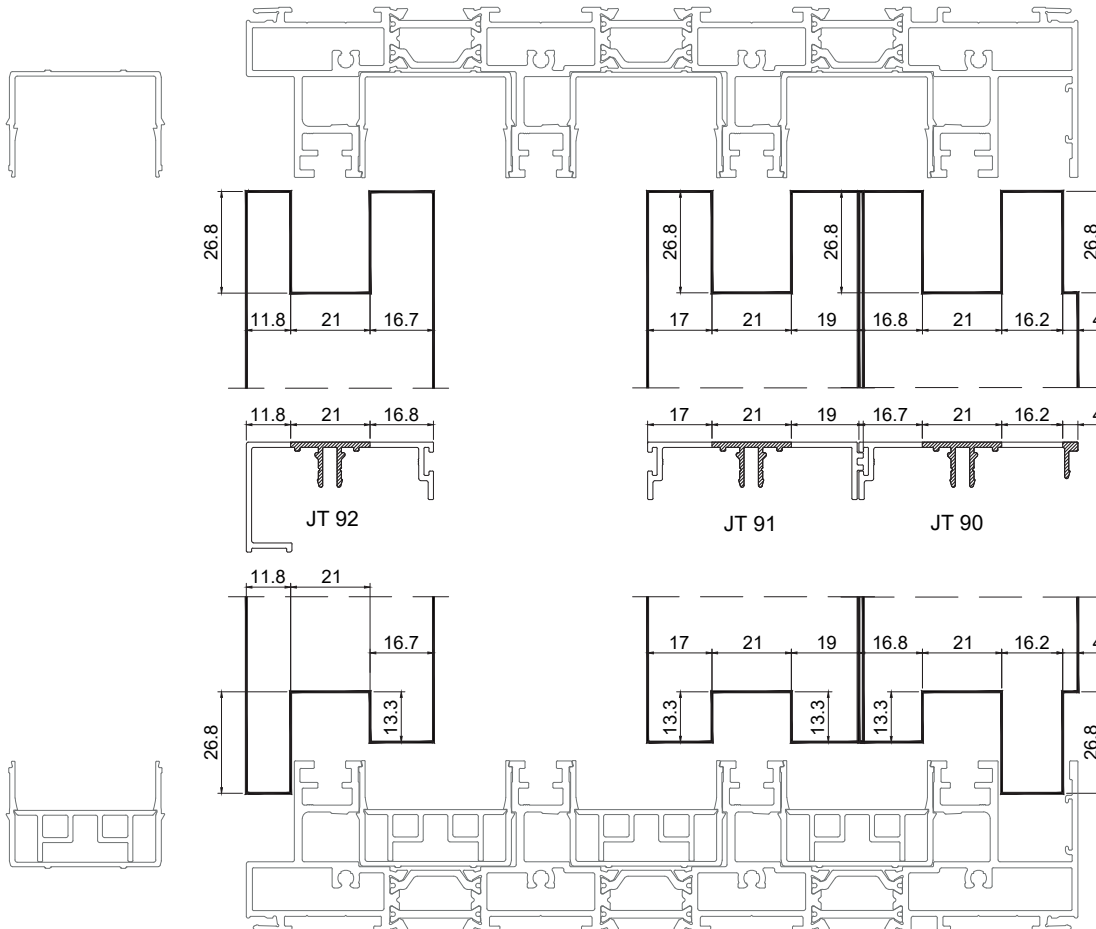
Profiles machining.

Usinage des profilés.

**2.2.1- Quando aplicados na vertical, os perfis necessitam de maquinações conforme esquemas abaixo, em ambas as extremidades.**

When applied vertically, the profiles require machining according to the diagrams below, at both ends.

Lorsqu'ils sont appliqués verticalement, les profilés nécessitent un usinage selon les schémas ci-dessous, aux deux extrémités.



**2.2.2 - Quando aplicados na horizontal, o corte destes perfis deverá ser reto e sem maquinações.**

When applied horizontally, the cut of these profiles should be straight and without machining.

Lorsqu'ils sont appliqués horizontalement, la coupe de ces profilés doit être rectiligne et sans usinage.

## MAQUINAÇÕES DE PERFIS DE CAPA

### COVER PROFILES MACHINING

### USINAGE DES PROFILÉS DE CAPOT

#### 3 - Corte, entalhes e aplicação das capas JT89 e JT 91 (tipologias fixas).

Cutting, milling and applying the JT89 and JT91 cover profiles (fixed typologies).

Découpe, fraisage et application des capots JT89 et JT91 (typologies fixes).

#### 3.1 - Medidas de corte.

Cutting measures.

Mesures de coupe.

Situação Situation   Situation	Medidas de Corte Cutting measures   Mesures de coupe
Corte horizontal Horizontal cut Coupe horizontal	Conforme tipologia According typologie Selon le typologie
Corte vertical Vertical cut Coupe vertical	H - 62

#### 3.2 - Maquinação dos perfis.

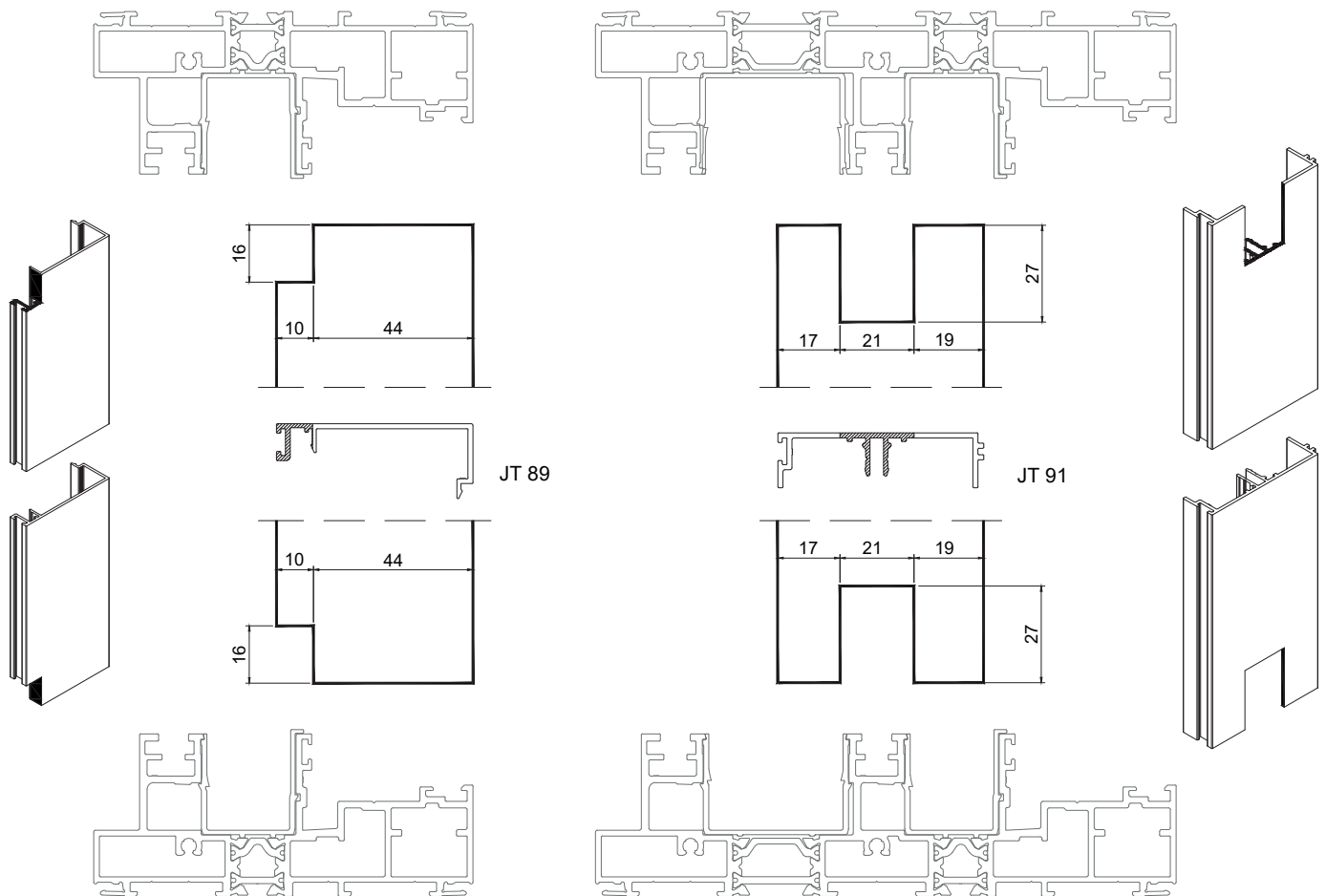
Profiles machining.

Usinage des profilés.

#### 3.2.1- Quando aplicados na vertical, os perfis necessitam de maquinações conforme esquemas abaixo, em ambas as extremidades.

When applied vertically, the profiles require machining according to the diagrams below, at both ends.

Lorsqu'ils sont appliqués verticalement, les profilés nécessitent un usinage selon les schémas ci-dessous, aux deux extrémités.



#### 3.2.2 - Quando aplicados na horizontal, o corte destes perfis deverá ser reto e sem maquinações.

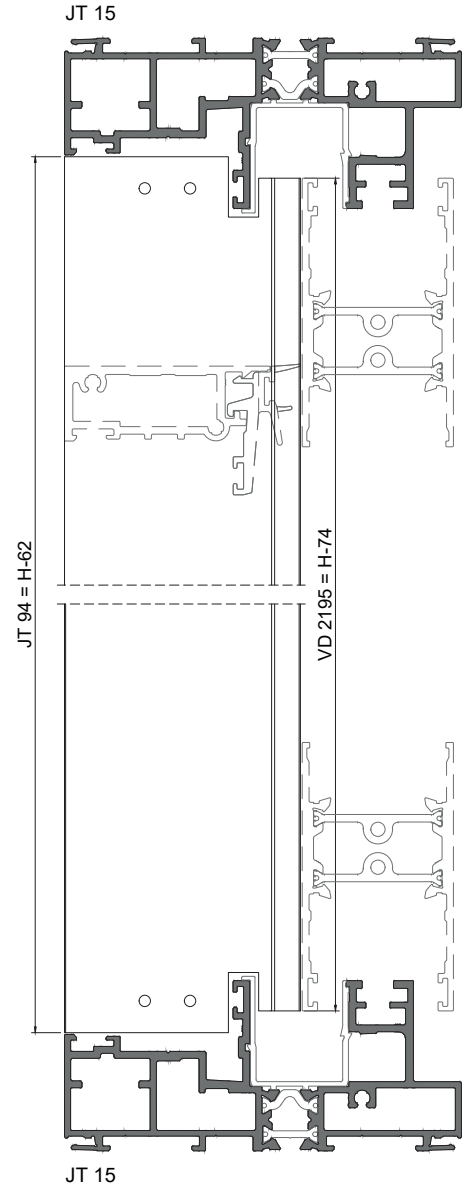
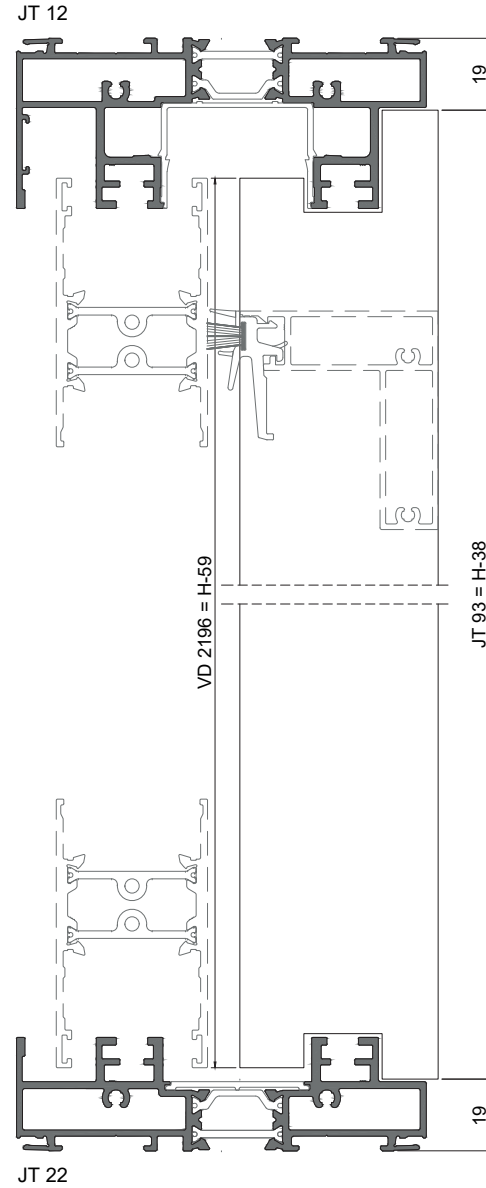
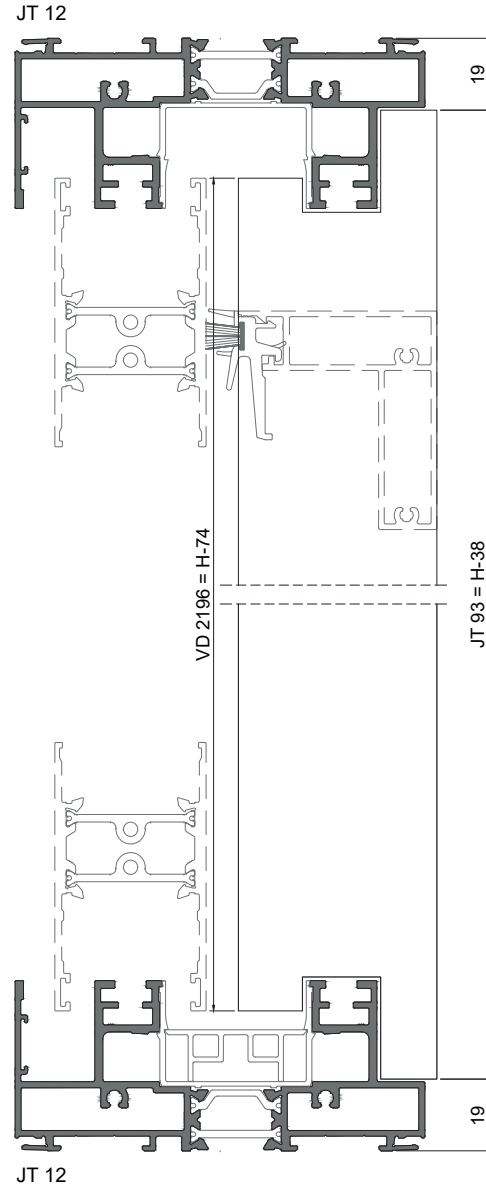
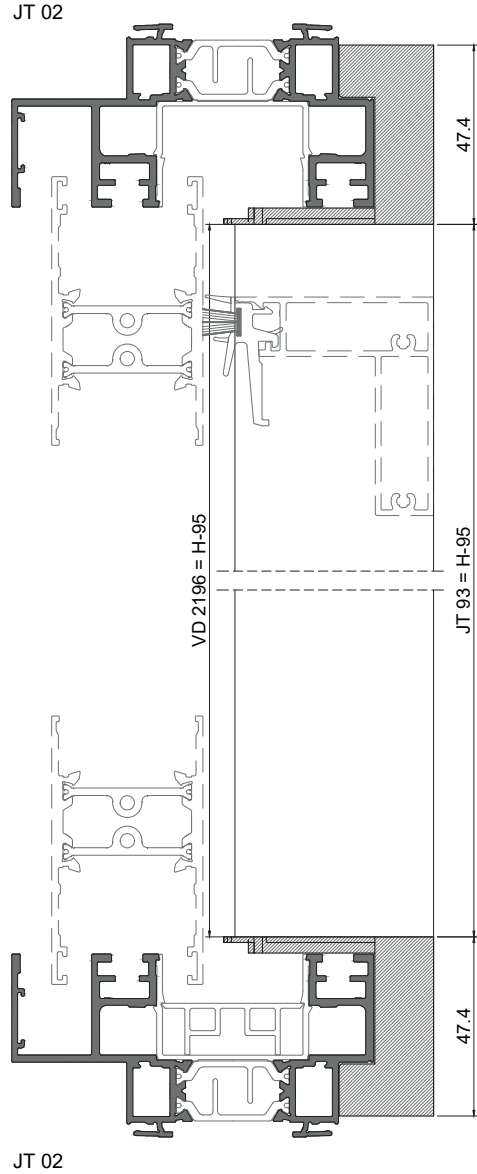
When applied horizontally, the cut of these profiles should be straight and without machining.

Lorsqu'ils sont appliqués horizontalement, la coupe de ces profilés doit être rectiligne et sans usinage.



MAQUINAÇÕES DE PERFIS MONTANTES  
 MULLION PROFILES MACHINING  
 USINAGE DES PROFILÉS MENEAX

1 - Medidas de corte dos Perfis montantes e das Juntas Centrais.  
 Mullion profiles and Central Joints cutting measures.  
 Mesures de coupe des Profilés meneaux et des Joint Centraux.



# MAQUINAÇÕES DE PERFIS MONTANTES

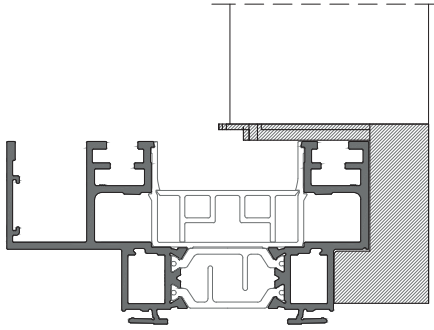
MULLION PROFILES MACHINING

USINAGE DES PROFILÉS MENEUX

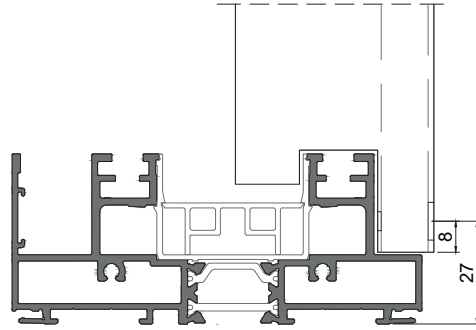
## 2 - Maquinação dos perfis montantes.

Mullion profiles milling.

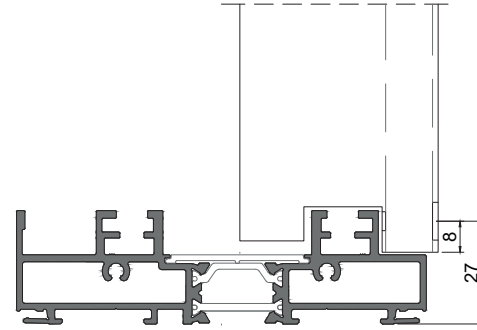
Fraisage des profilés meneaux.



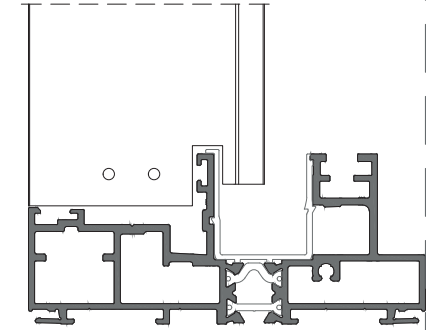
JT 02



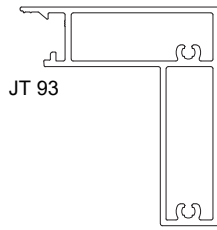
JT 12



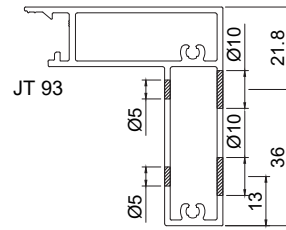
JT 22



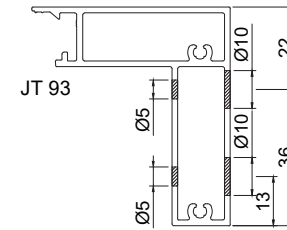
JT 15



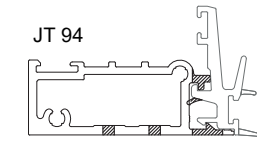
JT 93



JT 93



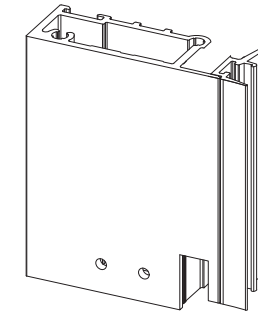
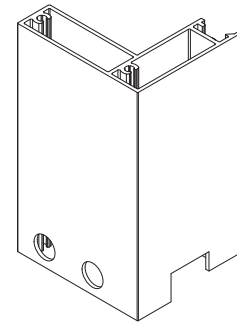
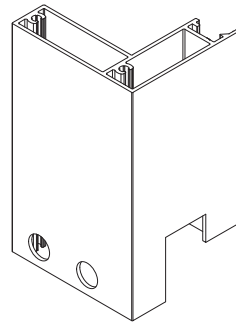
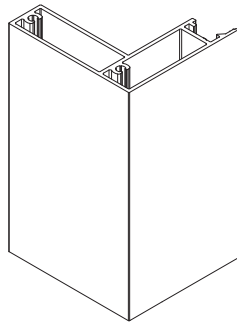
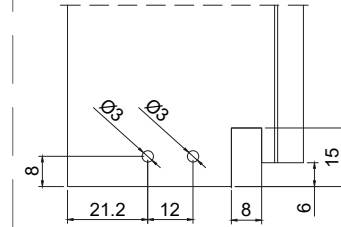
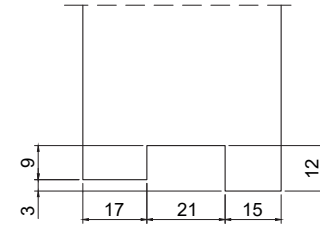
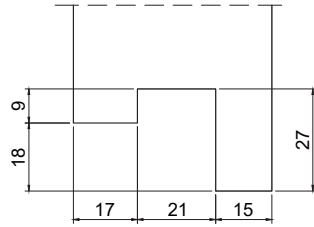
JT 93



JT 94



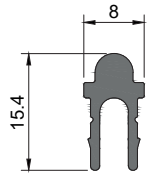
Sem maquinações  
Without milling  
Sans usinages



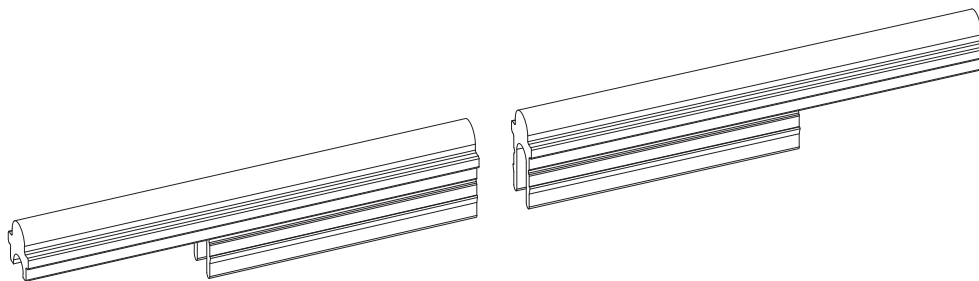
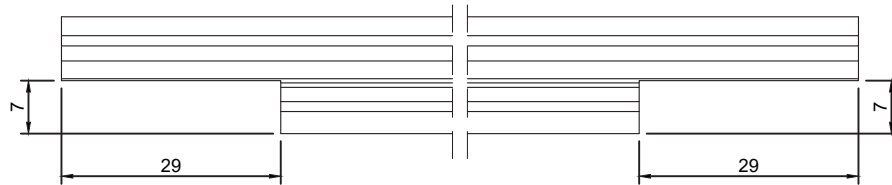
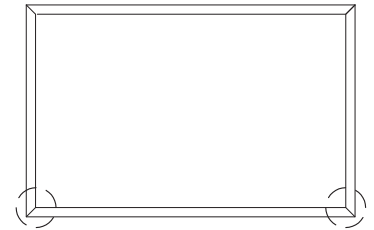
**Nota | Note | Remarque:**  
Esta operação deverá ser feita com os 2 perfis juntos.  
This operation must be done with the 2 profiles together.  
Cette opération doit se faire avec les 2 profilés ensemble.

**MAQUINAÇÃO DOS PERFIS GUIA E VEDANTE TAPA CANAL 2116**  
GUIDE PROFILE AND 2116 CHANNEL COVER JOINT MACHINING  
USINAGE DU PROFILÉ GUIDE ET DE LA JOINT DE COUVERTURE DU CHANNEL 2116

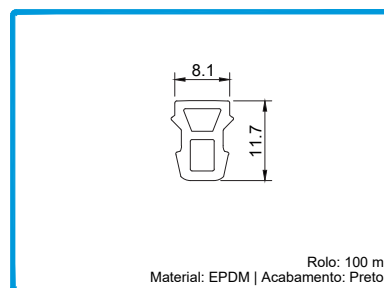
**1 - Perfil guia JT 87.**  
JT 87 Guide profile.  
Profilé guide JT 87.



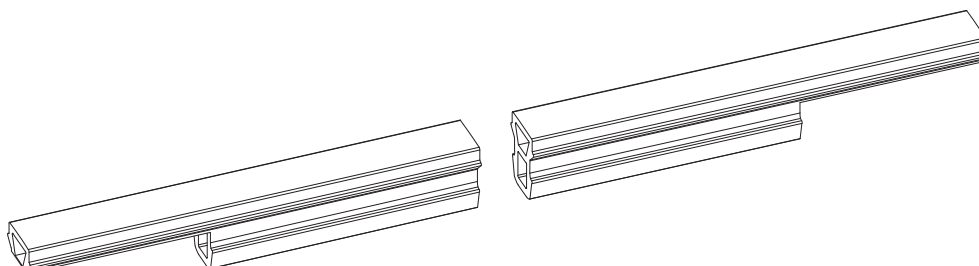
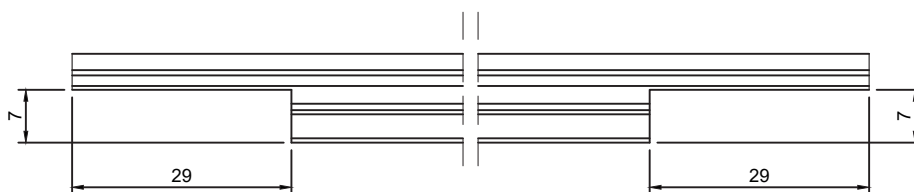
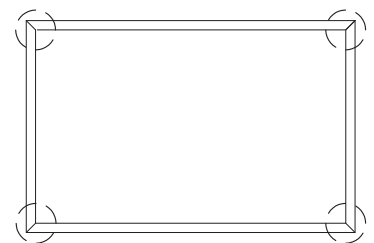
**JT 87**  
Guia  
Guide | Guide



**2 - Junta tapa canal 2116.**  
2116 Channel cover joint.  
Joint de couverture du channel 2116.



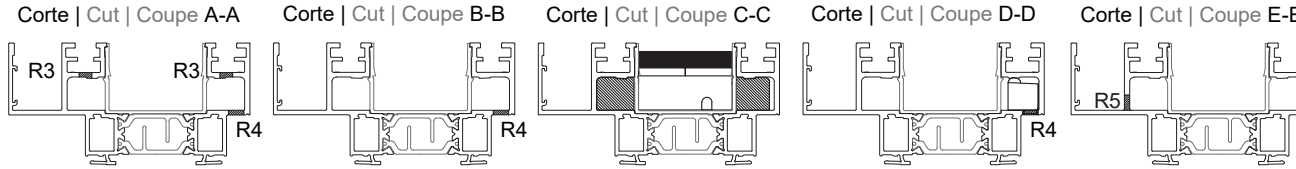
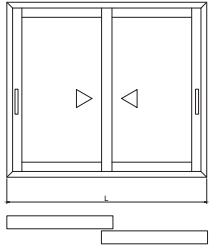
208348 JUNTA TAPA CANAL 2116 JT



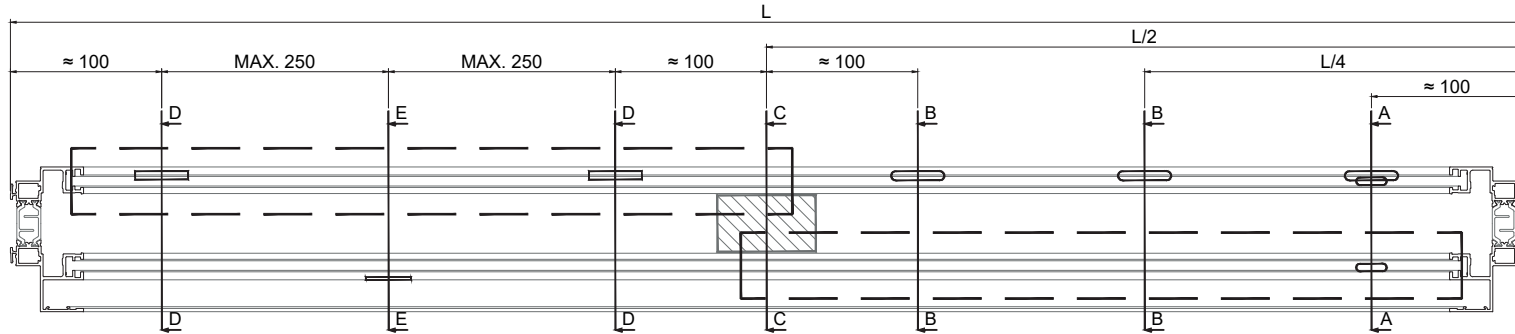
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

1 - Pormenores de drenagem para os perfis de aro fixo **FR 2rail** e perfis de PVC, para tipologias de 2 folhas. **Seguir este procedimento em todos os perfis aro fixo FR 2rail.**  
 Drainage details of fixed 2rail **FR** frame profiles and PVC profiles, for 2 sashes typologies. **Follow this procedure in all 2rail FR fixed frame profiles.**  
 Détails de drainage pour profilés dormant **FR 2rail** et profilés PVC, pour les typologies à 2 vantaux. **Suivre cette procédure sur tous les profilés dormant FR 2rail.**

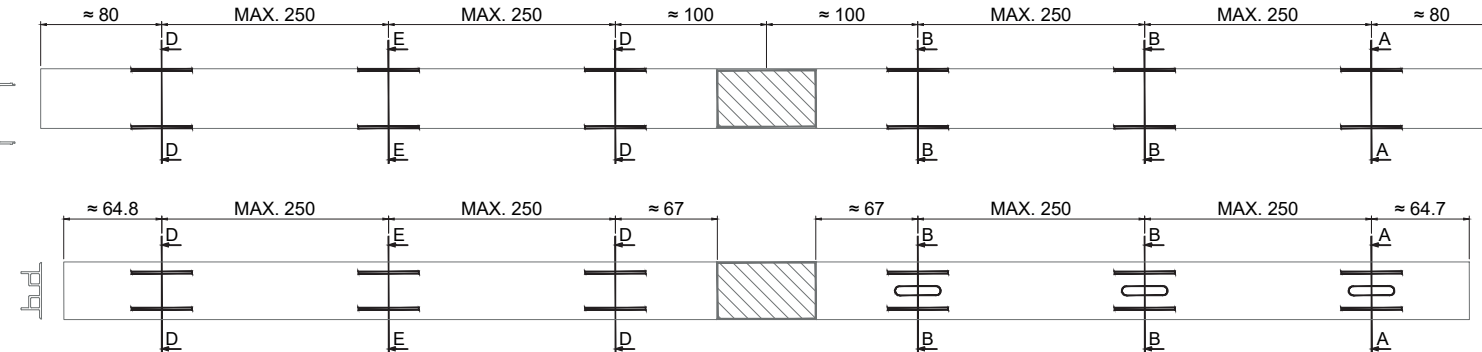
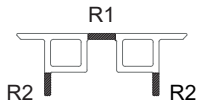
<b>R1:</b> Rasgo   Hole   Rainure 6x30mm
<b>R2:</b> Rasgo   Hole   Rainure 6x35mm
<b>R3:</b> Rasgo   Hole   Rainure 5x20mm
<b>R4:</b> Rasgo   Hole   Rainure 6x35mm
<b>R5:</b> Rasgo   Hole   Rainure 6x35mm



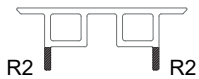
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



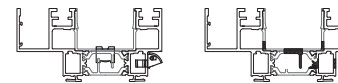
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B



Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



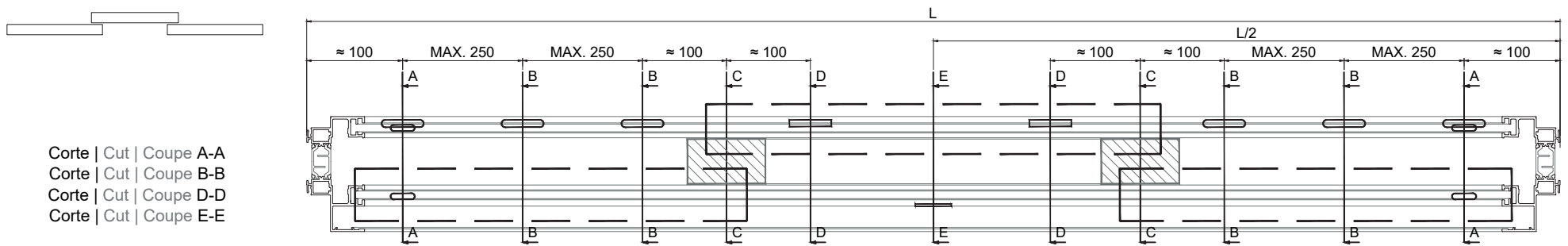
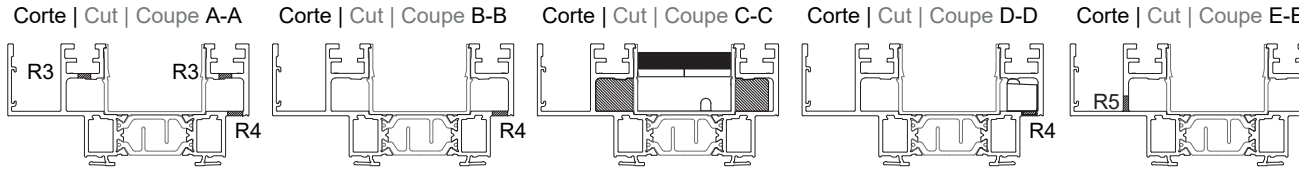
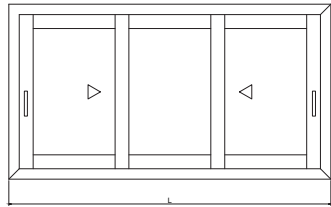
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

2 - Pormenores de drenagem para os perfis de aro fixo **FR 2rail** e perfis de PVC, para tipologias de 3 folhas. **Seguir este procedimento em todos os perfis aro fixo FR 2rail.**

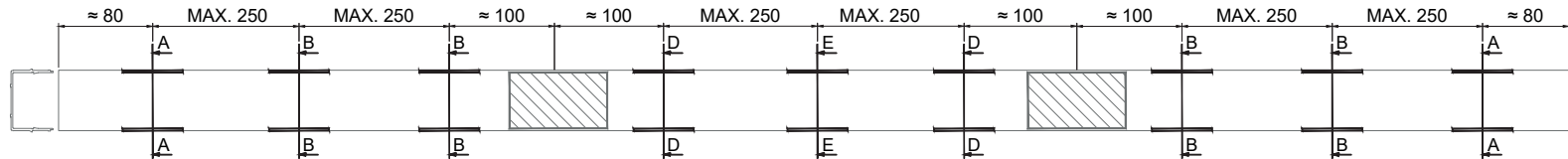
Drainage details of fixed 3rail **FR** frame profiles and PVC profiles, for 3 sashes typologies. **Follow this procedure in all 2rail FR fixed frame profiles.**

Détails de drainage pour profilés dormant **FR 2rail** et profilés PVC, pour les typologies à 3 vantaux. **Suivre cette procédure sur tous les profilés dormant FR 2rail.**

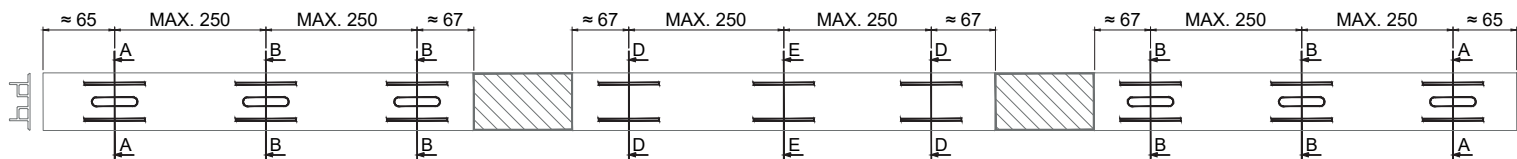
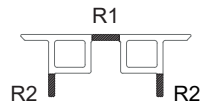
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 6x35mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R4:** Rasgo | Hole | Rainure 6x35mm
- R5:** Rasgo | Hole | Rainure 6x35mm



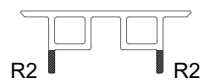
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B



Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E

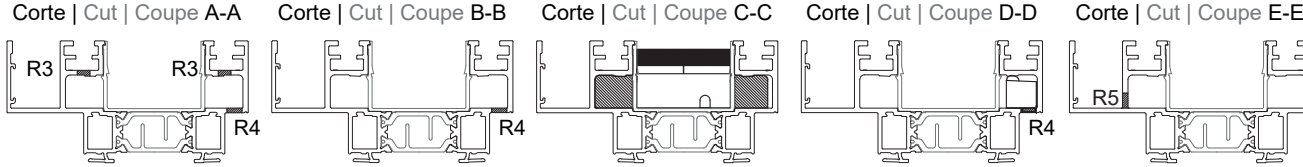
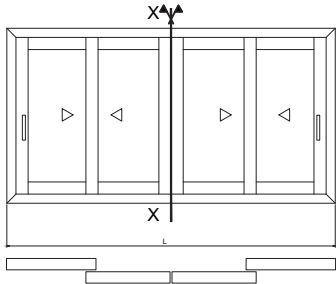


Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.

**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**3 - Pormenores de drenagem para os perfis de aro fixo FR 2rail e perfis de PVC, para tipologias de 4 folhas. Seguir este procedimento em todos os perfis aro fixo FR 2rail.**  
 Drainage details of fixed 2rail FR frame profiles and PVC profiles, for 4 sashes typologies. Follow this procedure in all 2rail FR fixed frame profiles.  
 Détails de drainage pour profilés dormant FR 2rail et profilés PVC, pour les typologies à 4 vantaux. Suivre cette procédure sur tous les profilés dormant FR 2rail.

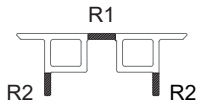
<b>R1:</b> Rasgo   Hole   Rainure 6x30mm
<b>R2:</b> Rasgo   Hole   Rainure 6x35mm
<b>R3:</b> Rasgo   Hole   Rainure 5x20mm
<b>R4:</b> Rasgo   Hole   Rainure 6x35mm
<b>R5:</b> Rasgo   Hole   Rainure 6x35mm



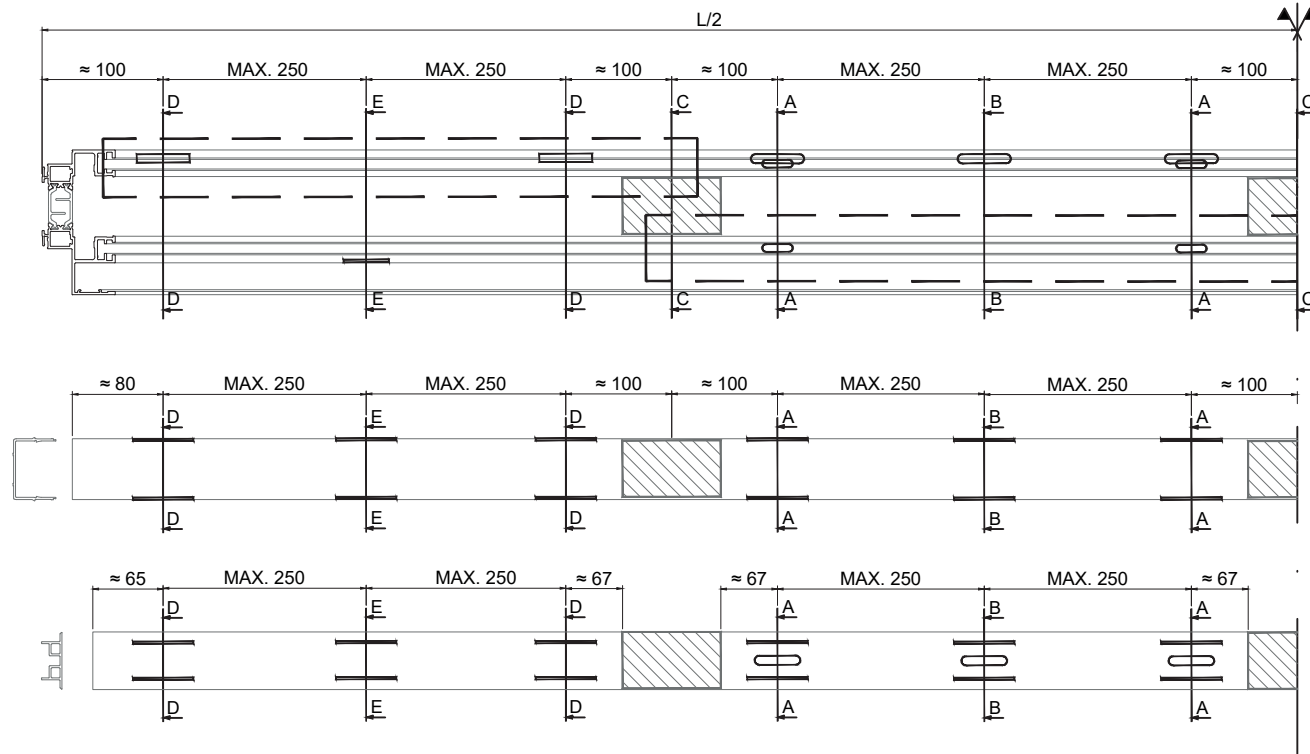
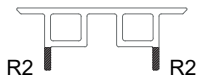
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



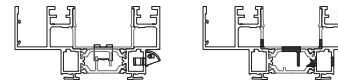
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B



Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



# DRENAGENS POR TIPOLOGIA

## DRAINAGE BY FRAME TYPOLOGY

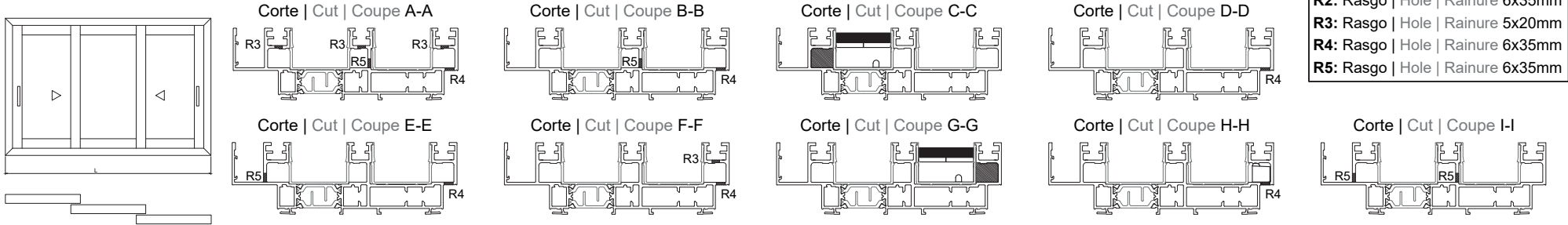
### DRAINAGE PAR TYPOLOGIE

4 - Pormenores de drenagem para os perfis de aro fixo **FR 3rail** e perfis de PVC, para tipologias de 3 vãos.

Drainage details of fixed 3rail **FR** frame profiles and PVC profiles, for 3 sashes typologies.

Détails de drainage pour profilés dormant **FR 3rail** et profilés PVC, pour les typologies à 3 vantaux.

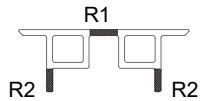
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 6x35mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R4:** Rasgo | Hole | Rainure 6x35mm
- R5:** Rasgo | Hole | Rainure 6x35mm



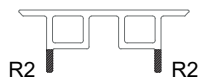
Cortes | Cuts | Coupes A-A | B-B  
 Cortes | Cuts | Coupes D-D | F-F  
 Cortes | Cuts | Coupes H-H | I-I



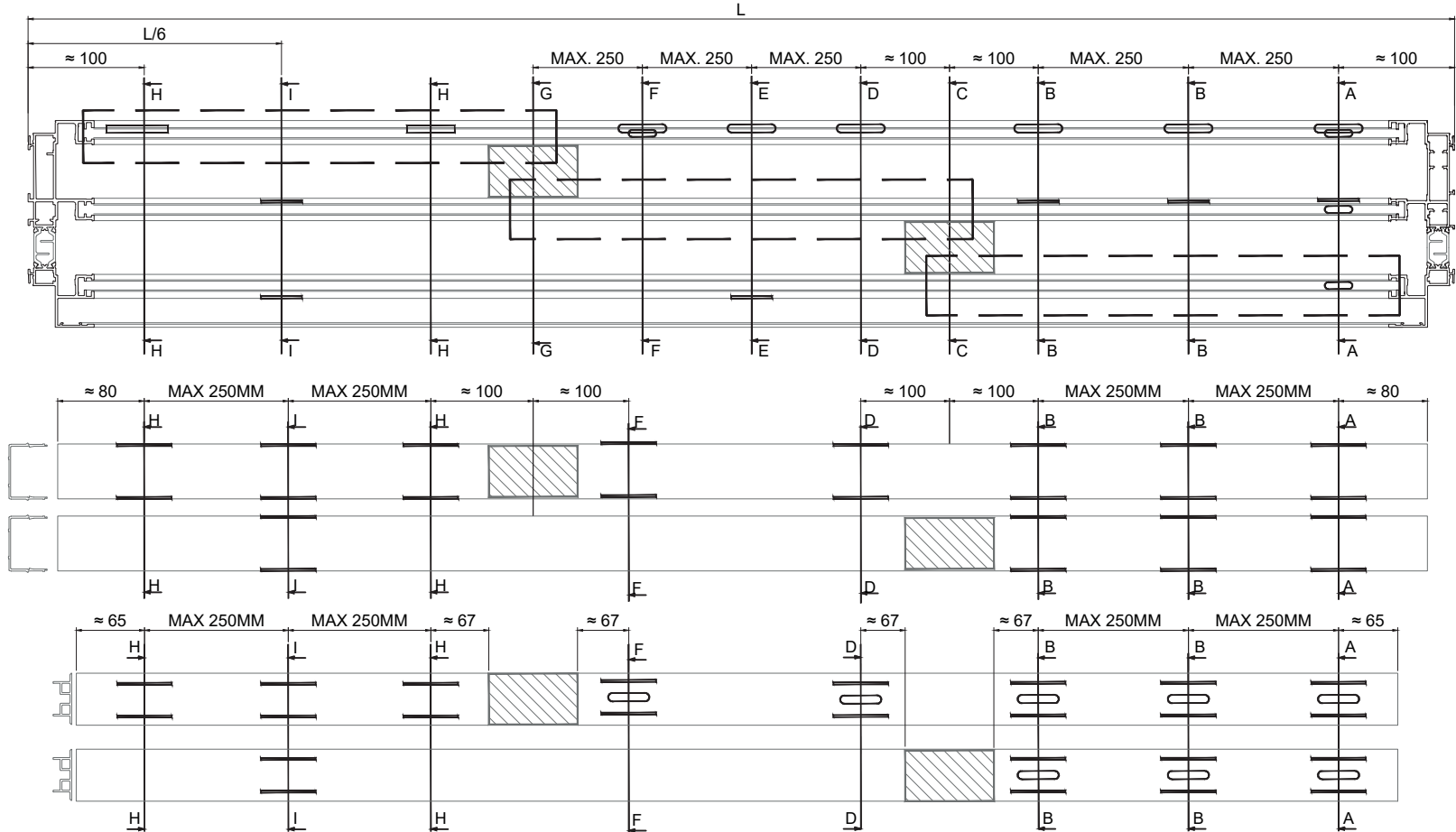
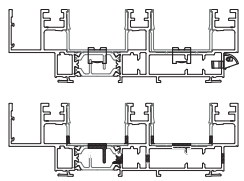
Cortes | Cuts | Coupes A-A | B-B  
 Cortes | Cuts | Coupes D-D | F-F



Cortes | Cuts | Coupes H-H | I-I



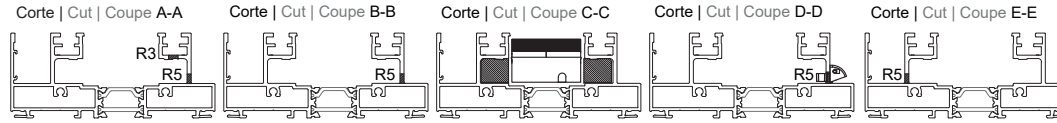
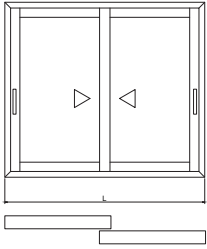
Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



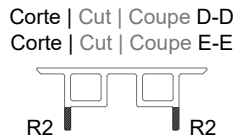
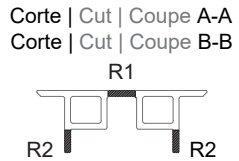
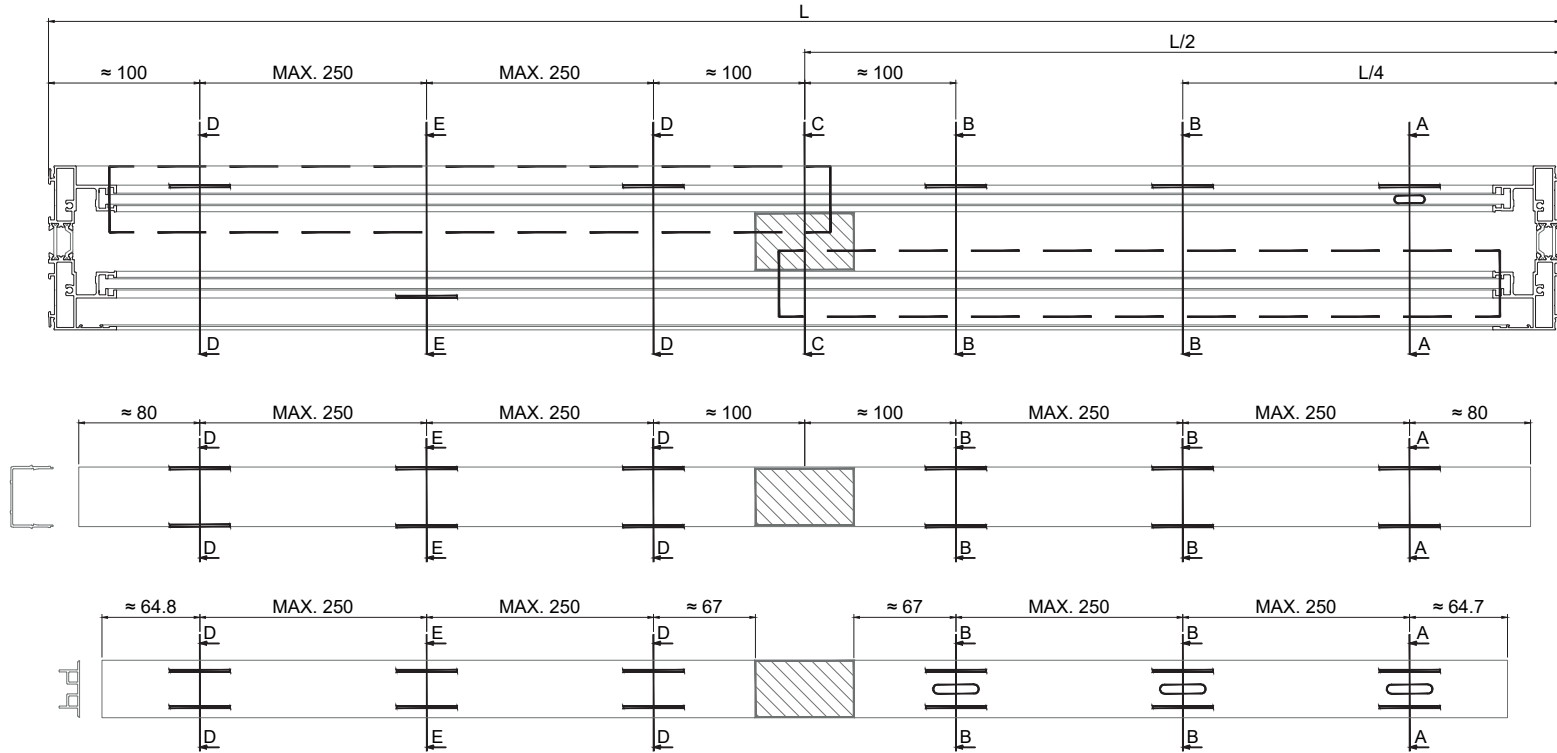
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

5 - Pormenores de drenagem para os perfis de aro fixo **PT 2rail** e perfis de PVC, para tipologias de 2 folhas. **Seguir este procedimento em todos os perfis aro fixo PT 2rail.**  
 Drainage details of fixed 2rail **PT** frame profiles and PVC profiles, for 2 sashes typologies. **Follow this procedure in all 2rail PT fixed frame profiles.**  
 Détails de drainage pour profilés dormant **PT 2rail** et profilés PVC, pour les typologies à 2 vantaux. **Suivre cette procédure sur tous les profilés dormant PT 2rail.**

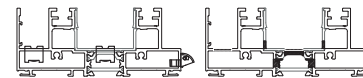
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm



Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.

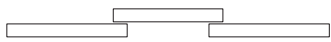
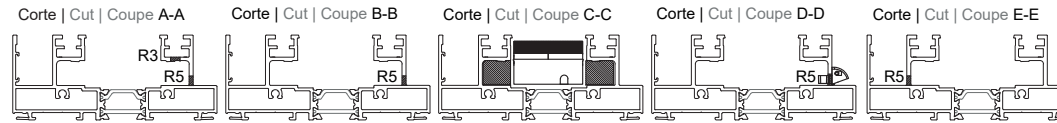
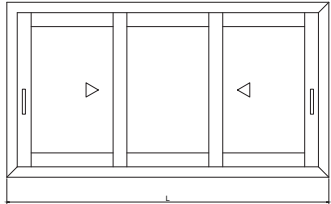




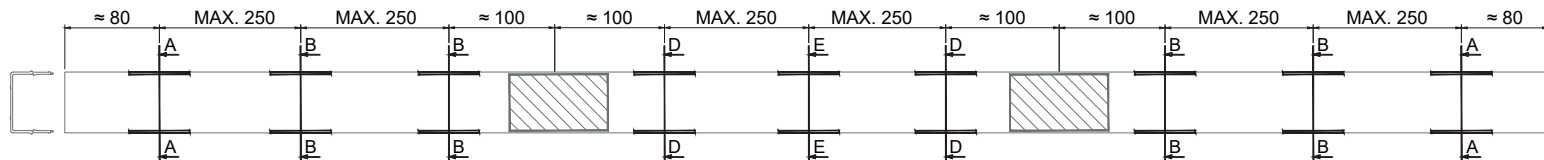
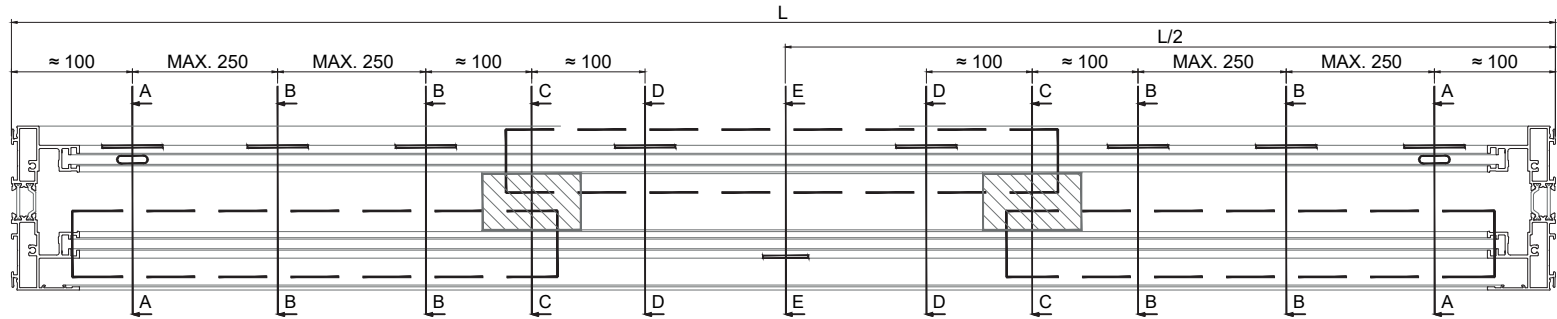
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

6 - Pormenores de drenagem para os perfis de aro fixo **PT 2rail** e perfis de PVC, para tipologias de 3 folhas. **Seguir este procedimento em todos os perfis aro fixo PT 2rail.**  
 Drainage details of 2rail fixed **PT** frame profiles and PVC profiles, for 3 sashes typologies. **Follow this procedure in all 2rail PT fixed frame profiles.**  
 Détails de drainage pour profilés dormant **PT** 2rail et profilés PVC, pour les typologies à 3 vantaux. **Suivre cette procédure sur tous les profilés dormant PT 2rail.**

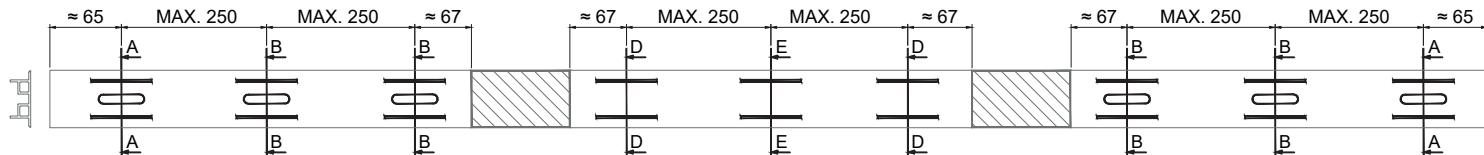
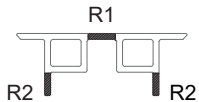
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm



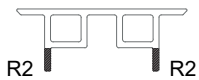
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B



Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E

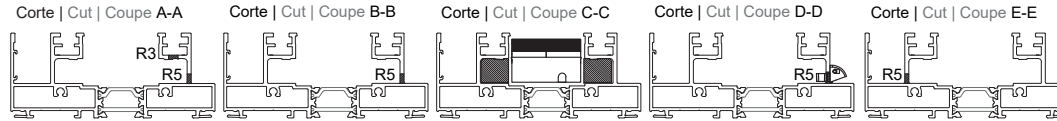
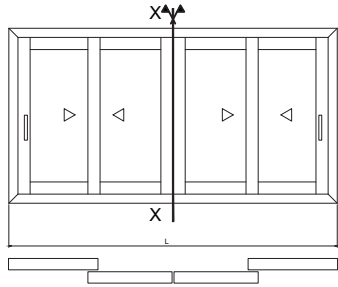


Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



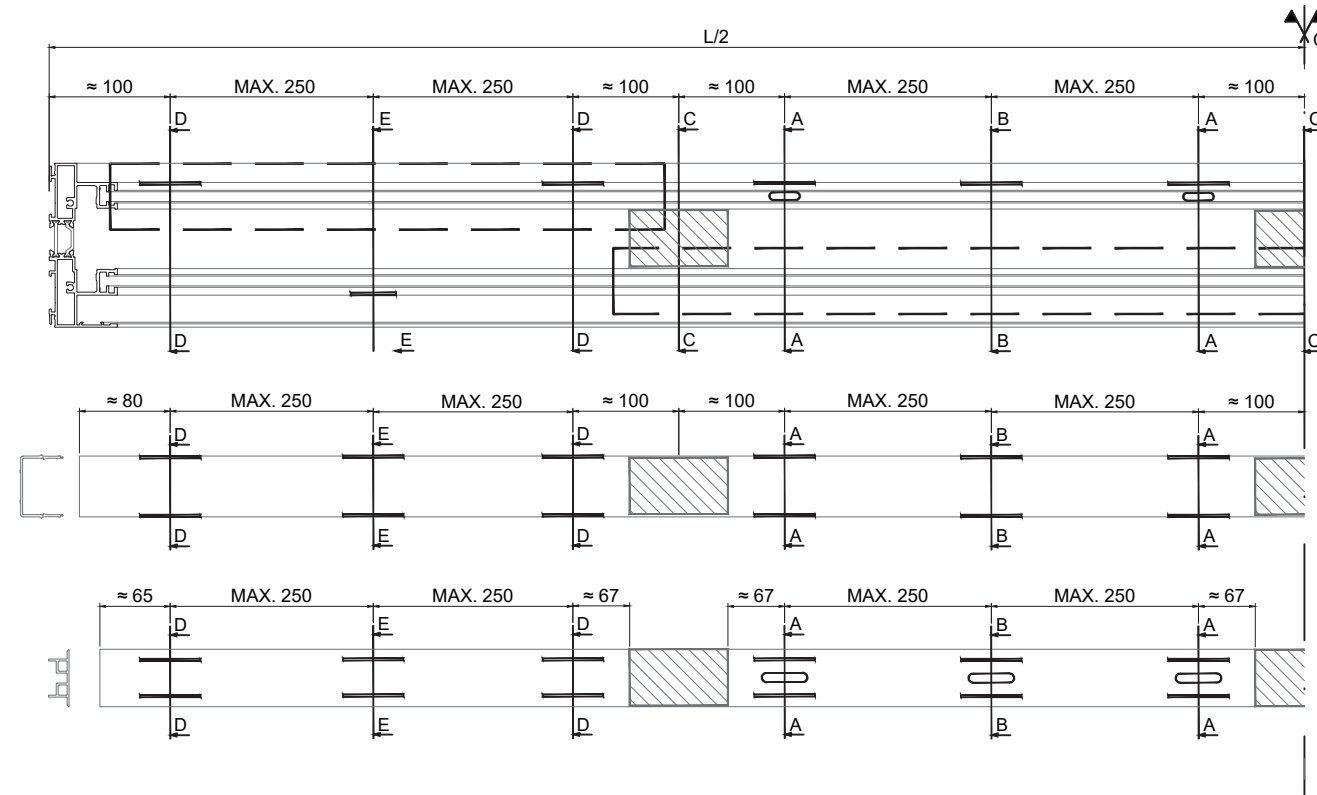
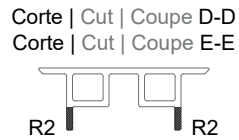
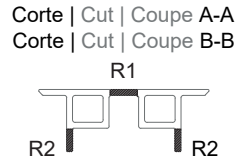
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**7 - Pormenores de drenagem para os perfis de aro fixo PT 2rail e perfis de PVC, para tipologias de 4 folhas. Seguir este procedimento em todos os perfis aro fixo PT 2rail.**  
 Drainage details of 2rail fixed PT frame profiles and PVC profiles, for 4 sashes typologies. **Follow this procedure in all 2rail PT fixed frame profiles.**  
 Détails de drainage pour profilés dormant PT 2rail et profilés PVC, pour les typologies à 4 vantaux. **Suivre cette procédure sur tous les profilés dormant PT 2rail.**



- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm

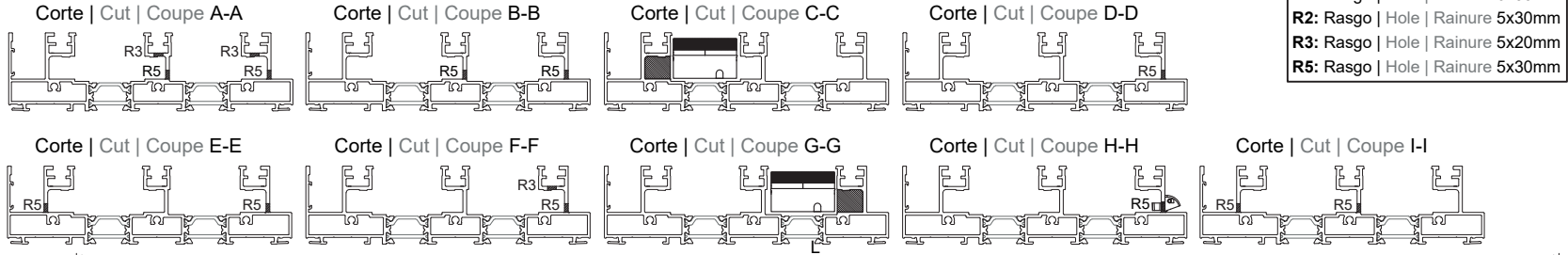
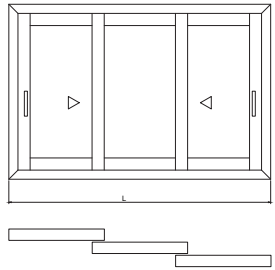
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe E-E



Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.

**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**8 - Pormenores de drenagem para os perfis de aro fixo PT 3rail e perfis de PVC, para tipologias de 3 folhas.**  
 Drainage details of fixed 3rail PT frame profiles and PVC profiles, for 3 sashes typologies.  
 Détails de drainage pour profilés dormant PT 3rail et profilés PVC, pour les typologies à 3 vantaux.

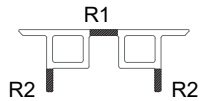


**R1:** Rasgo | Hole | Rainure 6x30mm  
**R2:** Rasgo | Hole | Rainure 5x30mm  
**R3:** Rasgo | Hole | Rainure 5x20mm  
**R5:** Rasgo | Hole | Rainure 5x30mm

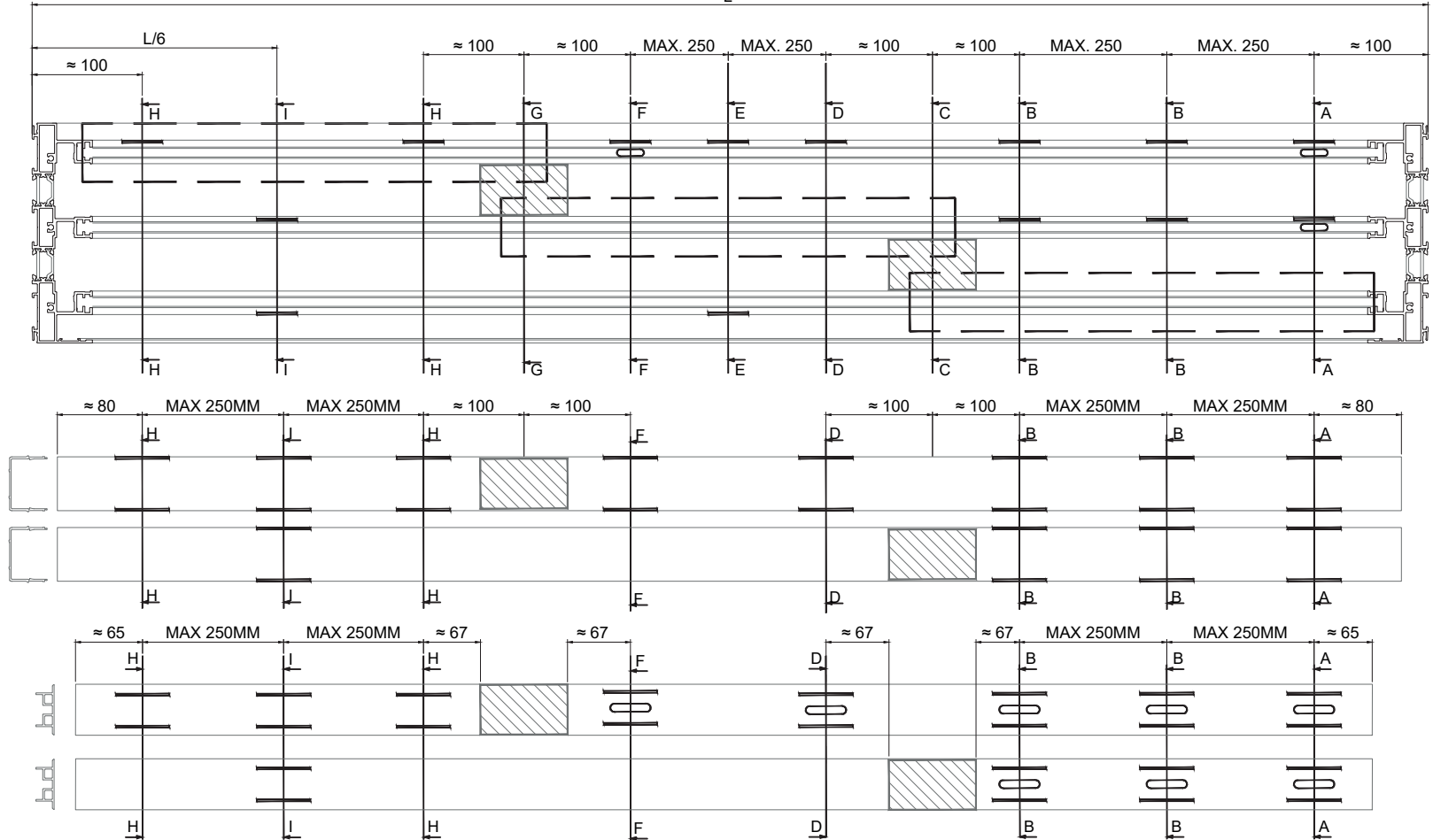
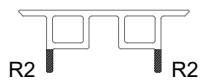
Cortes | Cuts | Coupes A-A | B-B  
 Cortes | Cuts | Coupes D-D | F-F  
 Cortes | Cuts | Coupes H-H | I-I



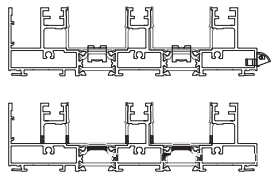
Cortes | Cuts | Coupes A-A | B-B  
 Cortes | Cuts | Coupes D-D | F-F



Cortes | Cuts | Coupes H-H | I-I



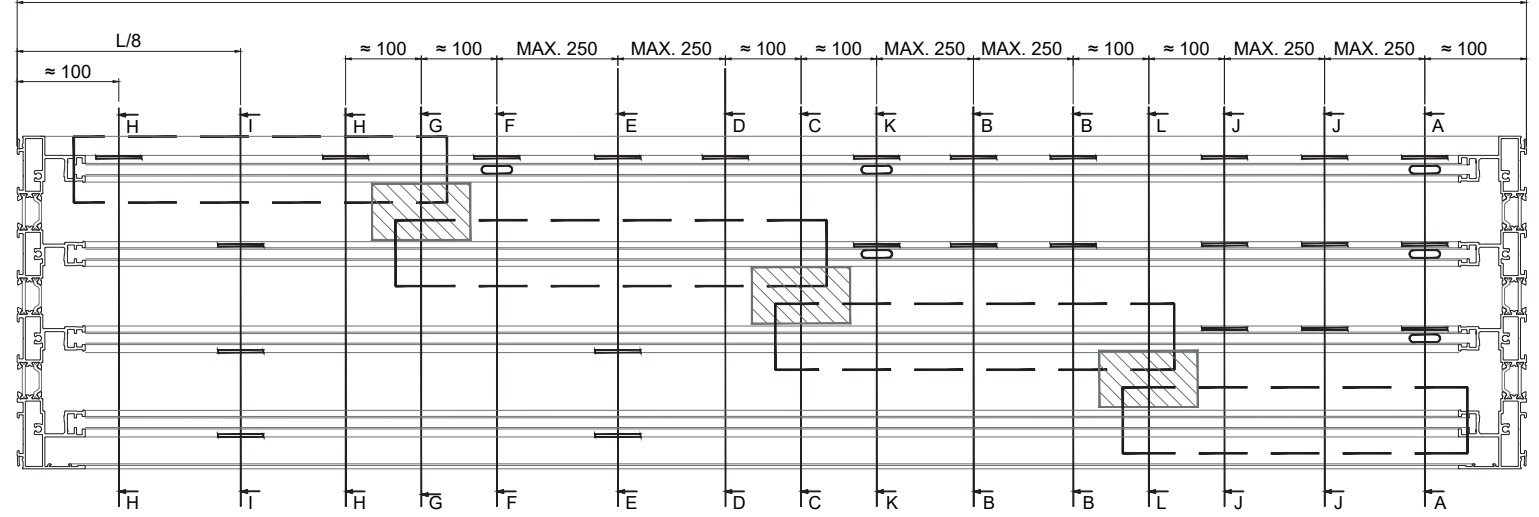
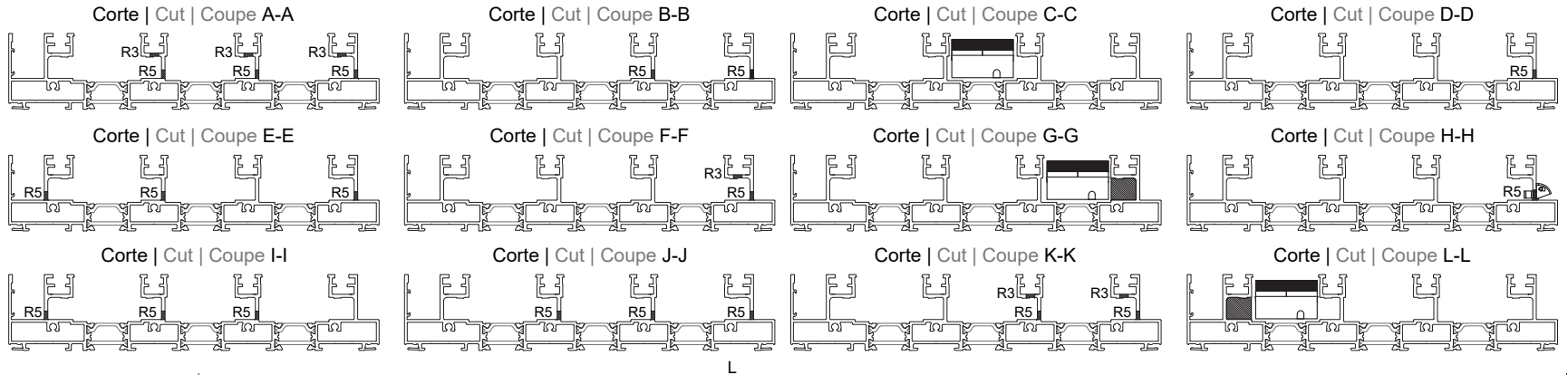
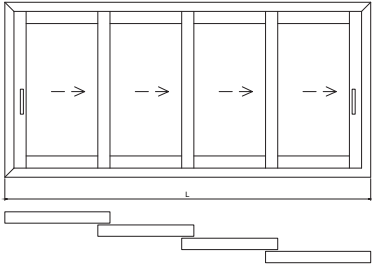
Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



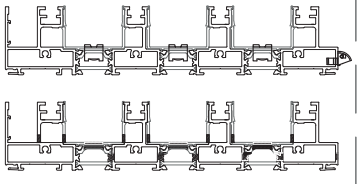
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

9 - Pormenores de drenagem para os perfis de aro fixo **PT 4rail** e perfis de PVC, para tipologias de 4 folhas.  
 Drainage details of fixed 4rail **PT** frame profiles and PVC profiles, for 4 sashes typologies.  
 Détails de drainage pour profilés dormant **PT** 4rail et profilés PVC, pour les typologies à 4 vantaux.

**R1:** Rasgo | Hole | Rainure 6x30mm  
**R2:** Rasgo | Hole | Rainure 5x30mm  
**R3:** Rasgo | Hole | Rainure 5x20mm  
**R5:** Rasgo | Hole | Rainure 5x30mm

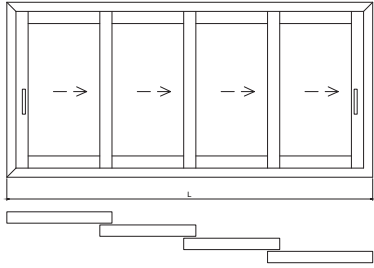


Para drenagem alternativa inferior, consultar o Departamento Técnico.  
 For alternative bottom drainage, consult the Technical Department.  
 Pour un drainage alternatif inférieur, consulter le Département Technique.



**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

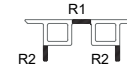
9 - Pormenores de drenagem para os perfis de aro fixo **PT 4rail** e perfis de PVC, para tipologias de 4 folhas.  
 Drainage details of fixed 4rail **PT** frame profiles and PVC profiles, for 4 sashes typologies.  
 Détails de drainage pour profilés dormant **PT** 4rail et profilés PVC, pour les typologies à 4 vantaux.



Corte | Cut | Coupe A-A    Corte | Cut | Coupe F-F  
 Corte | Cut | Coupe B-B    Corte | Cut | Coupe I-I  
 Corte | Cut | Coupe D-D    Corte | Cut | Coupe H-H



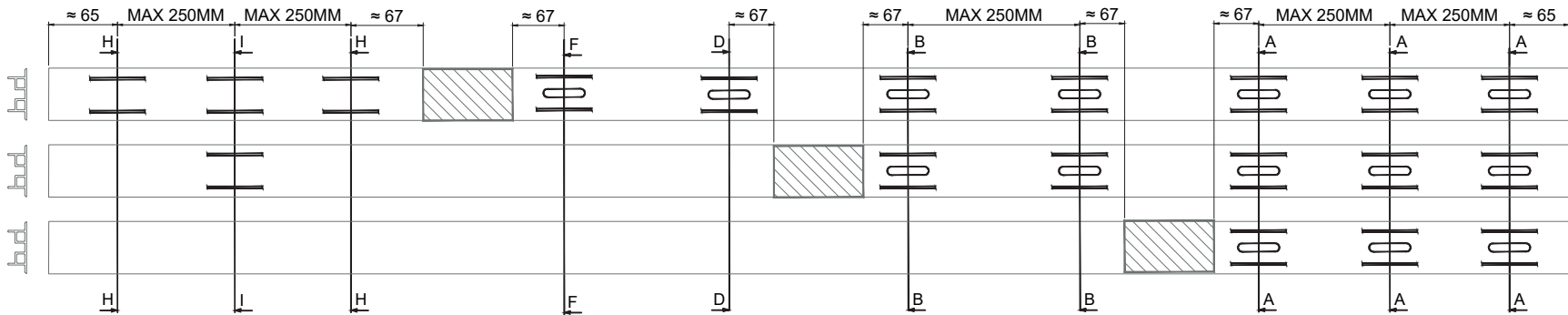
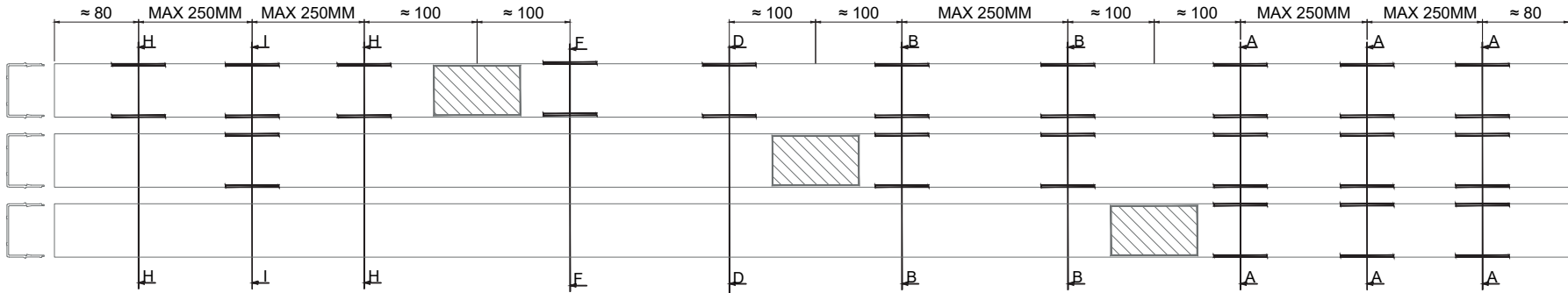
Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe B-B  
 Corte | Cut | Coupe D-D  
 Corte | Cut | Coupe F-F



Corte | Cut | Coupe H-H  
 Corte | Cut | Coupe I-I



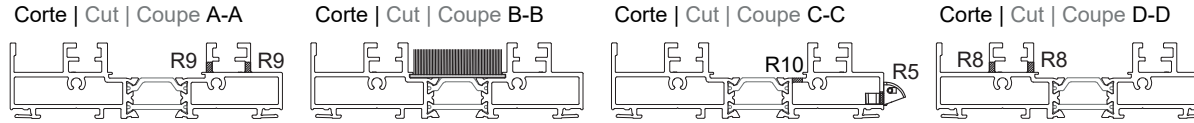
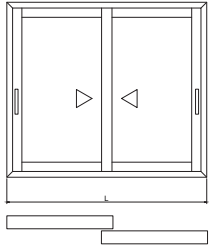
**R1:** Rasgo | Hole | Rainure 6x30mm  
**R2:** Rasgo | Hole | Rainure 5x30mm  
**R3:** Rasgo | Hole | Rainure 5x20mm  
**R5:** Rasgo | Hole | Rainure 5x30mm



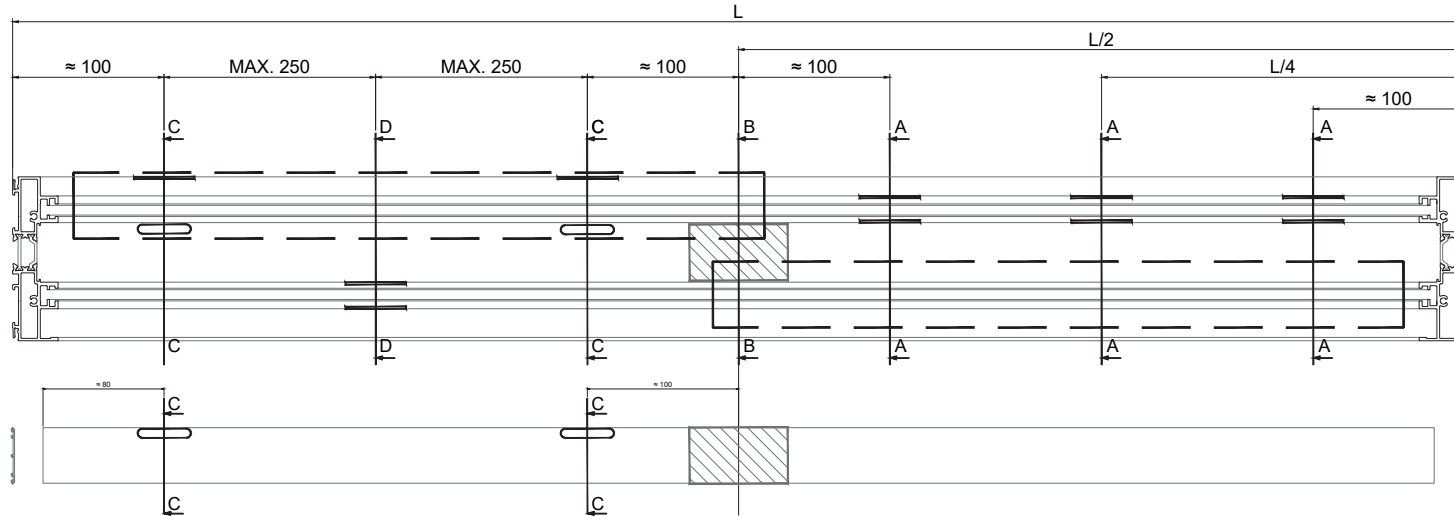
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**10 - Pormenores de drenagem para perfil soleira 30mm 2rail e perfil poliamida, para tipologias de 2 folhas.**  
 Drainage details of 2rail 30mm sill profile and polyamide profile, for 2 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les typologies à 2 vantaux.

<b>R5:</b>	Rasgo   Hole   Rainure	5x30mm
<b>R8:</b>	Rasgo   Hole   Rainure	6x30mm
<b>R9:</b>	Rasgo   Hole   Rainure	6x30mm
<b>R10:</b>	Rasgo   Hole   Rainure	4x25mm
<b>R11:</b>	Rasgo   Hole   Rainure	5x40mm



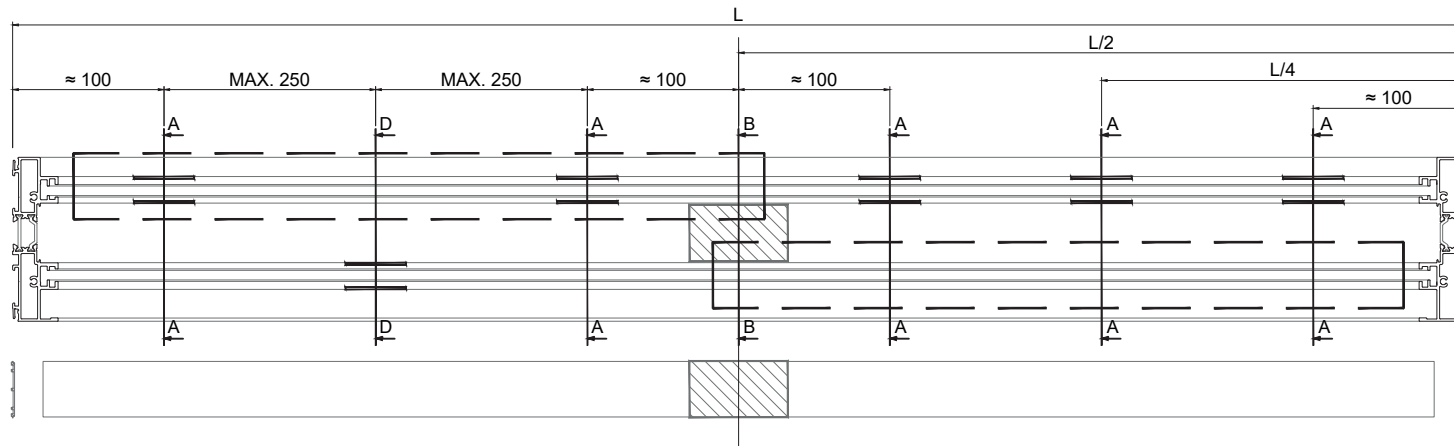
**10.1 - Com goteira frontal SV-E.**  
 With SV-E frontal drip.  
 Avec gouttière avant SV-E.



Corte | Cut | Coupe C-C



**10.2 - Sem goteira frontal SV-E.**  
 Without SV-E frontal drip.  
 Sans gouttière avant SV-E.

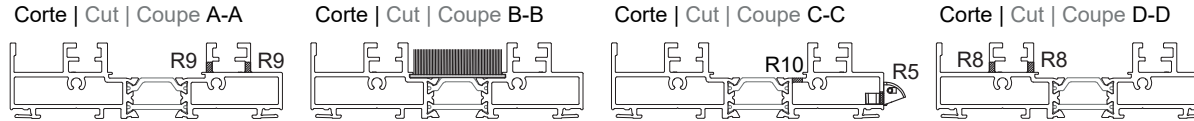
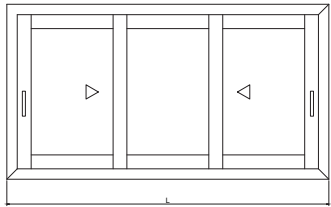


**Para caixilhos abrigados da chuva**  
 For frames sheltered from the rain  
 Pour les cadres à l'abri de la pluie

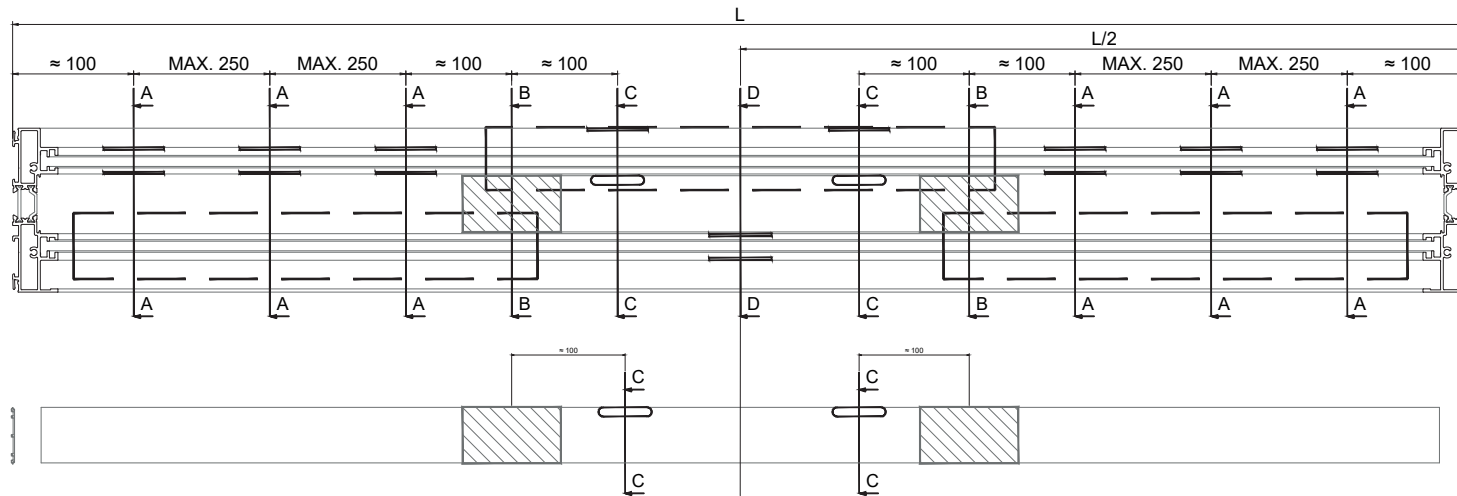
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**11 - Pormenores de drenagem para o perfil soleira 30mm 2rail e perfil poliamida, para tipologias de 3 folhas.**  
 Drainage details of 2rail 30mm sill profile and polyamide profile, for 3 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les typologies à 3 vantaux.

<b>R5:</b>	Rasgo   Hole   Rainure	5x30mm
<b>R8:</b>	Rasgo   Hole   Rainure	6x30mm
<b>R9:</b>	Rasgo   Hole   Rainure	6x30mm
<b>R10:</b>	Rasgo   Hole   Rainure	4x25mm
<b>R11:</b>	Rasgo   Hole   Rainure	5x40mm



**11.1 - Com goteira frontal SV-E.**  
 With SV-E frontal drip.  
 Avec gouttière avant SV-E.

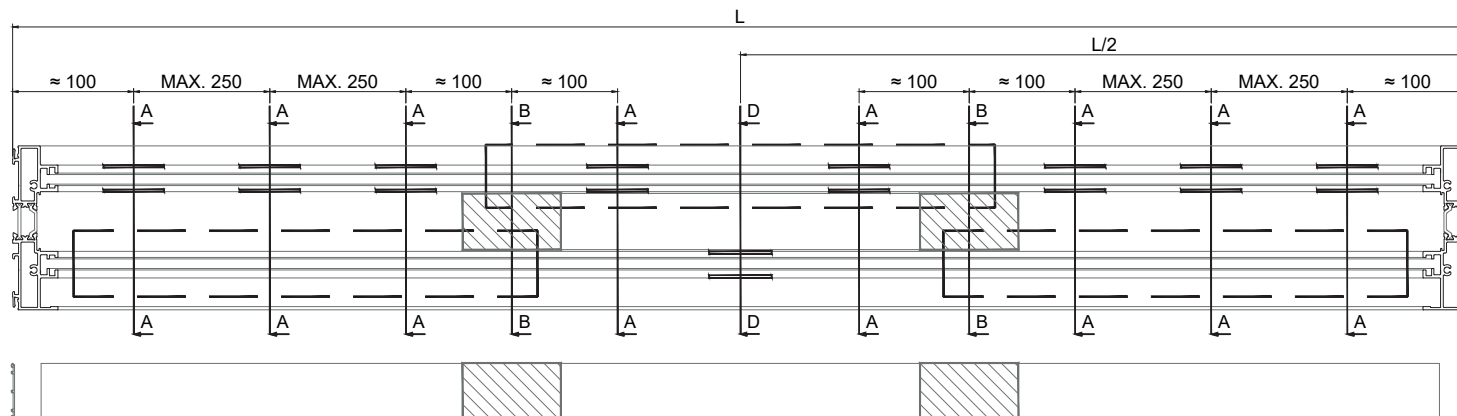


Corte | Cut | Coupe C-C



**11.2 - Sem goteira frontal SV-E.**  
 Without SV-E frontal drip.  
 Sans gouttière avant SV-E.

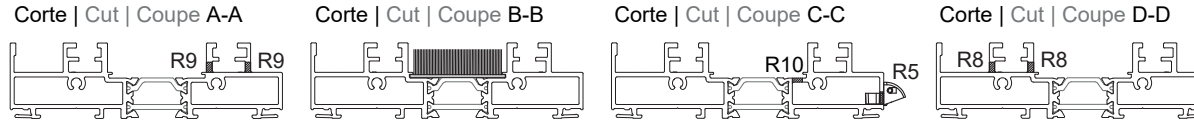
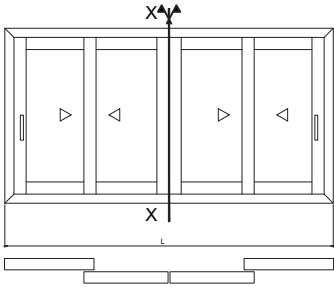
**Para caixilhos abrigados da chuva**  
 For frames sheltered from the rain  
 Pour les cadres à l'abri de la pluie



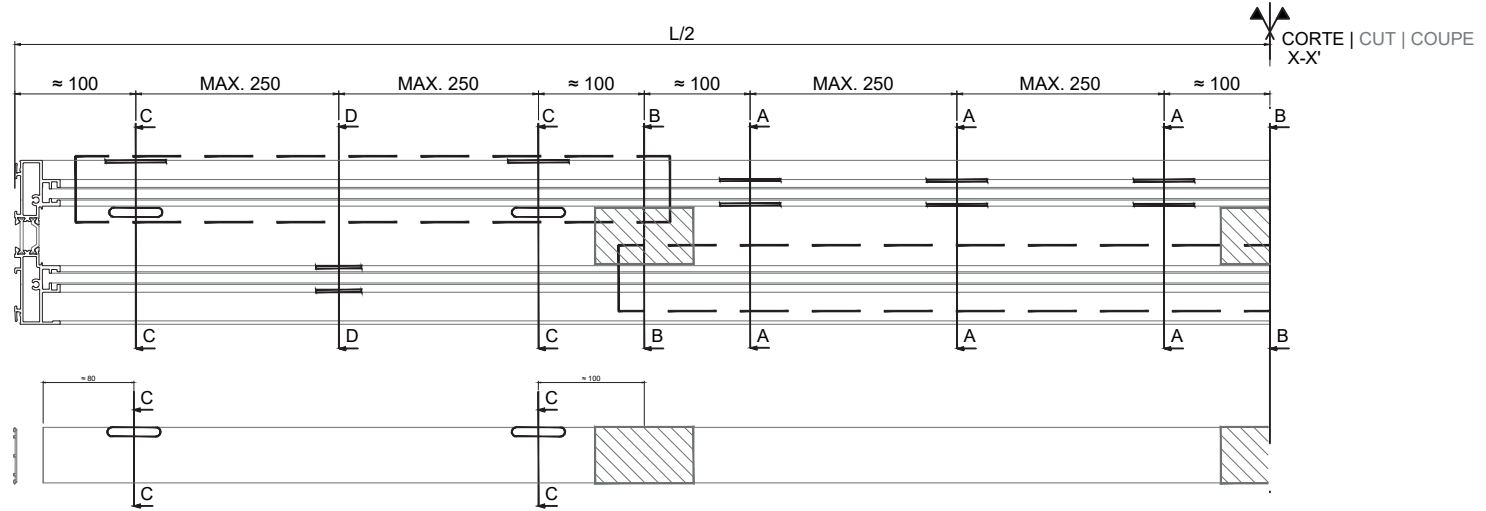
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**12 - Pormenores de drenagem para o perfil soleira 30mm 2rail e perfil poliamida, para tipologias de 4 folhas.**  
 Drainage details of 2rail 30mm sill profile and polyamide profile, for 4 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les typologies à 4 vantaux.

**R5:** Rasgo | Hole | Rainure 5x30mm  
**R8:** Rasgo | Hole | Rainure 6x30mm  
**R9:** Rasgo | Hole | Rainure 6x30mm  
**R10:** Rasgo | Hole | Rainure 4x25mm  
**R11:** Rasgo | Hole | Rainure 5x40mm



**12.1 - Com goteira frontal SV-E.**  
 With SV-E frontal drip.  
 Avec gouttière avant SV-E.

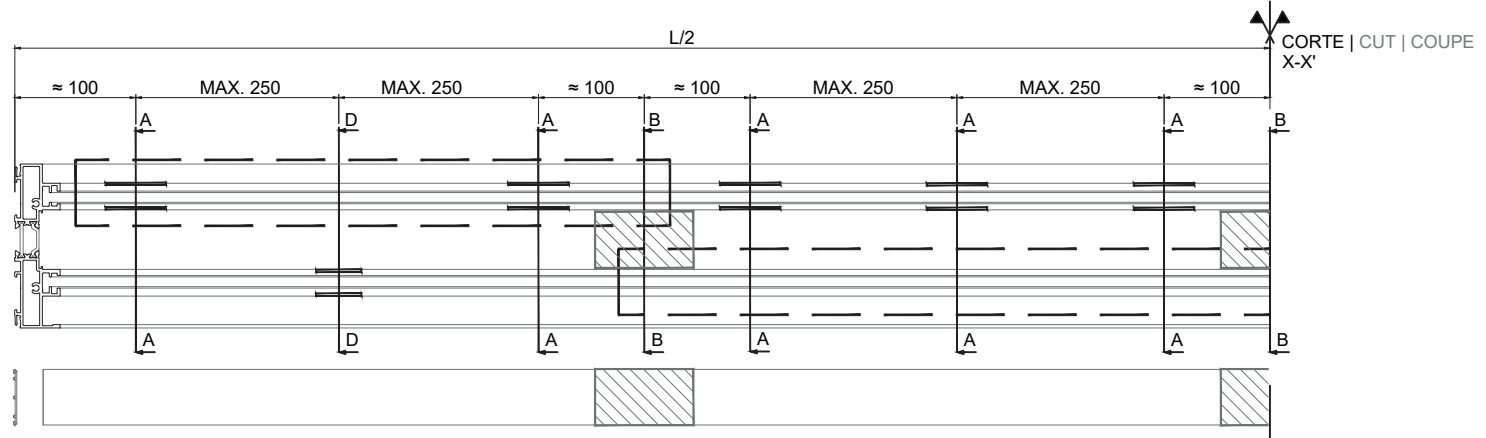


Corte | Cut | Coupe C-C



**12.2 - Sem goteira frontal SV-E.**  
 Without SV-E frontal drip.  
 Sans gouttière avant SV-E.

**Para caixilhos abrigados da chuva**  
 For frames sheltered from the rain  
 Pour les cadres à l'abri de la pluie

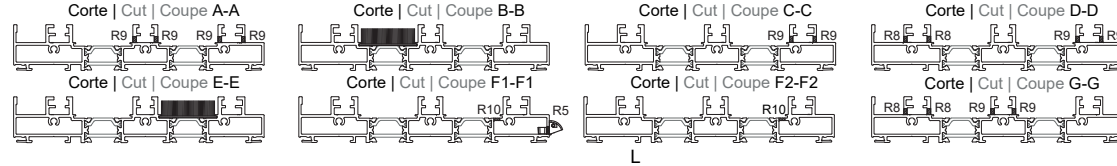
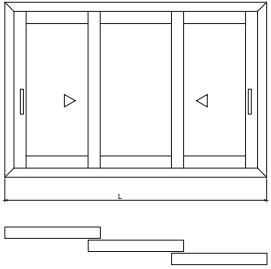




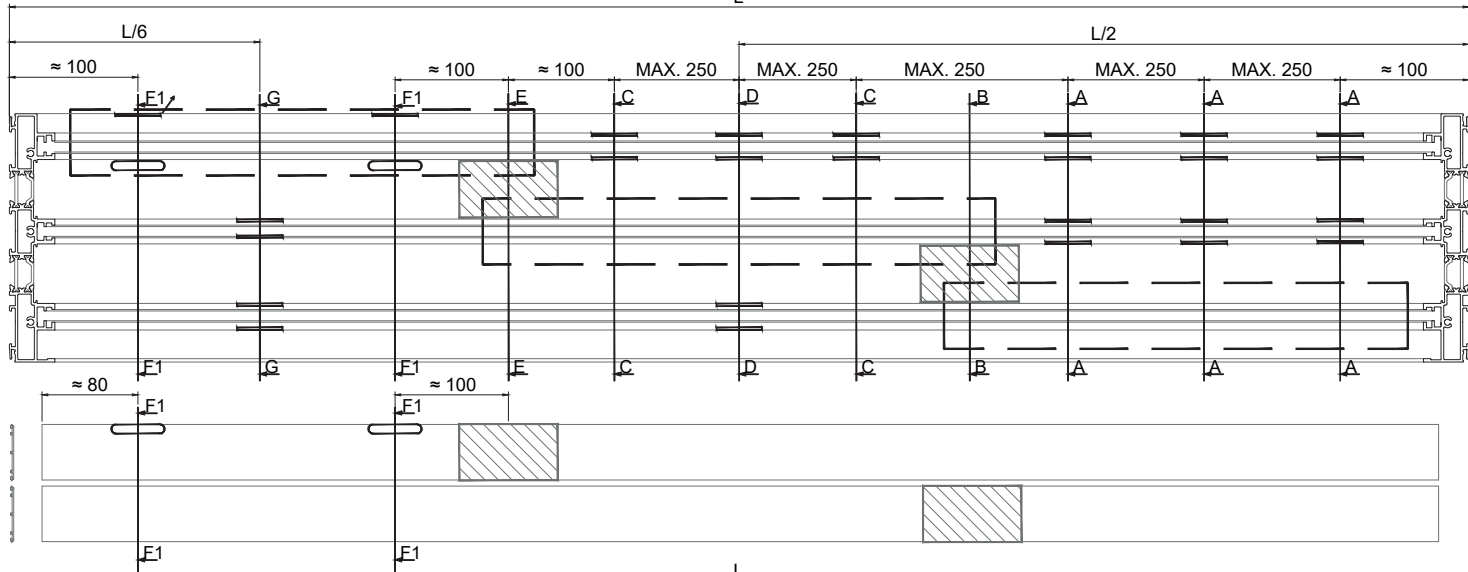
**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**13 - Pormenores de drenagem para o perfil soleira 30mm 3rail e perfis poliamida, para tipologias de 3 folhas.**  
 Drainage details of 3rail 30mm sill profile and polyamide profiles, for 3 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 3rail et profilés polyamide, pour les typologies à 3 vantaux.

- R5:** Rasgo | Hole | Rainure 5x30mm
- R8:** Rasgo | Hole | Rainure 6x30mm
- R9:** Rasgo | Hole | Rainure 6x30mm
- R10:** Rasgo | Hole | Rainure 4x25mm
- R11:** Rasgo | Hole | Rainure 5x40mm



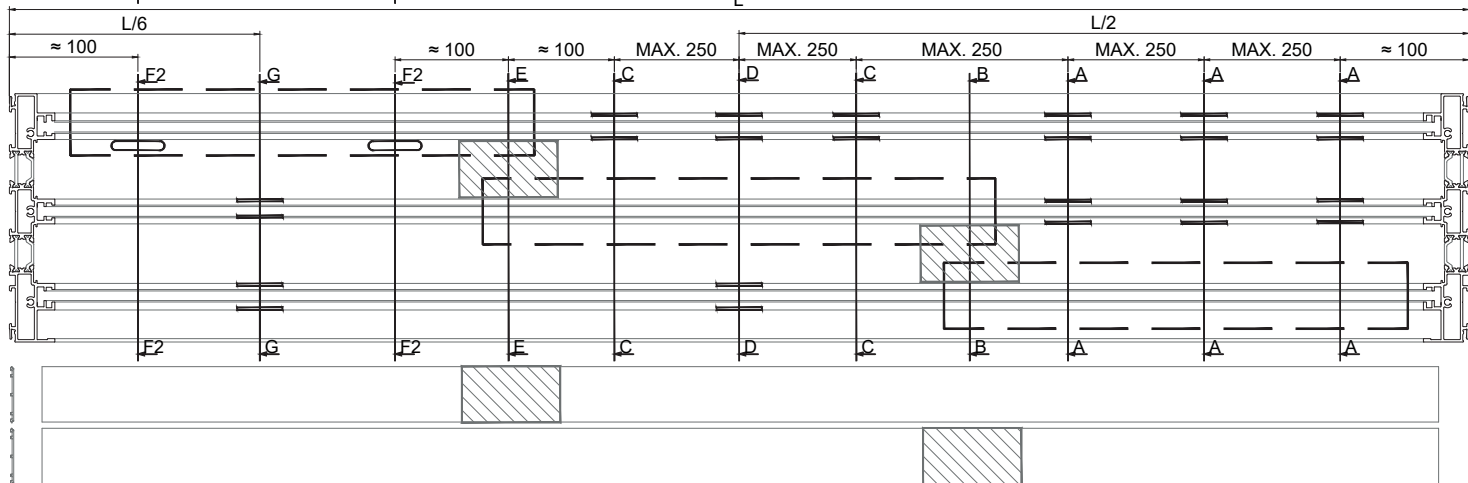
**13.1 - Com goteira frontal SV-E.**  
 With SV-E frontal drip.  
 Avec gouttière avant SV-E.



Corte | Cut | Coupe F-F



**13.2 - Sem goteira frontal SV-E.**  
 Without SV-E frontal drip.  
 Sans gouttière avant SV-E.

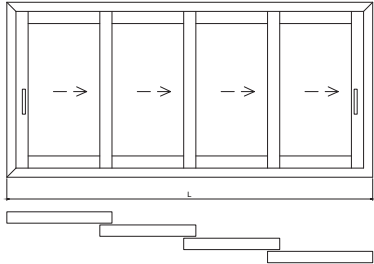


**Para caixilhos abrigados da chuva**  
 For frames sheltered from the rain  
 Pour les cadres à l'abri de la pluie

**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**14 - Pormenores de drenagem para o perfil soleira 30mm 4rail e perfis poliamida, para tipologias de 4 folhas.**  
 Drainage details of 4rail 30mm sill profile and polyamide profiles, for 4 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 4rail et profilés polyamide, pour les typologies à 4 vantaux.

- R5:** Rasgo | Hole | Rainure 5x30mm
- R8:** Rasgo | Hole | Rainure 6x30mm
- R9:** Rasgo | Hole | Rainure 6x30mm
- R10:** Rasgo | Hole | Rainure 4x25mm
- R11:** Rasgo | Hole | Rainure 5x40mm



**14.1 - Com goteira frontal SV-E.**  
 With SV-E frontal drip.  
 Avec gouttière avant SV-E.

Corte | Cut | Coupe F-F



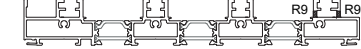
Corte | Cut | Coupe A-A



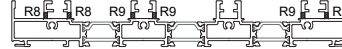
Corte | Cut | Coupe B-B



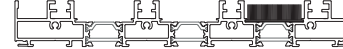
Corte | Cut | Coupe C-C



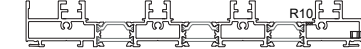
Corte | Cut | Coupe D-D



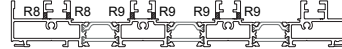
Corte | Cut | Coupe E-E



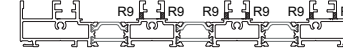
Corte | Cut | Coupe F-F



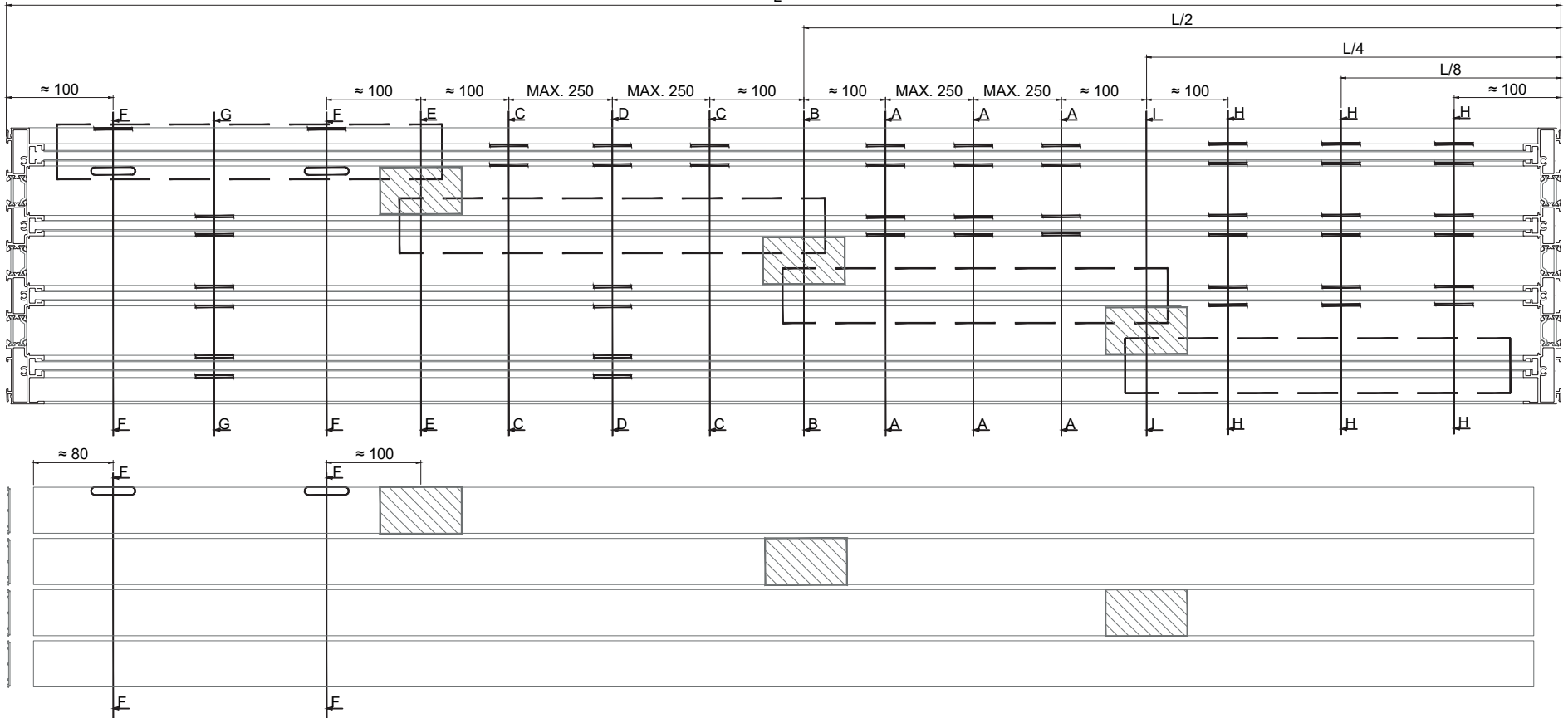
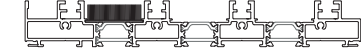
Corte | Cut | Coupe G-G



Corte | Cut | Coupe H-H



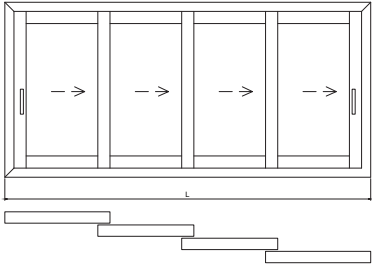
Corte | Cut | Coupe I-I



**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

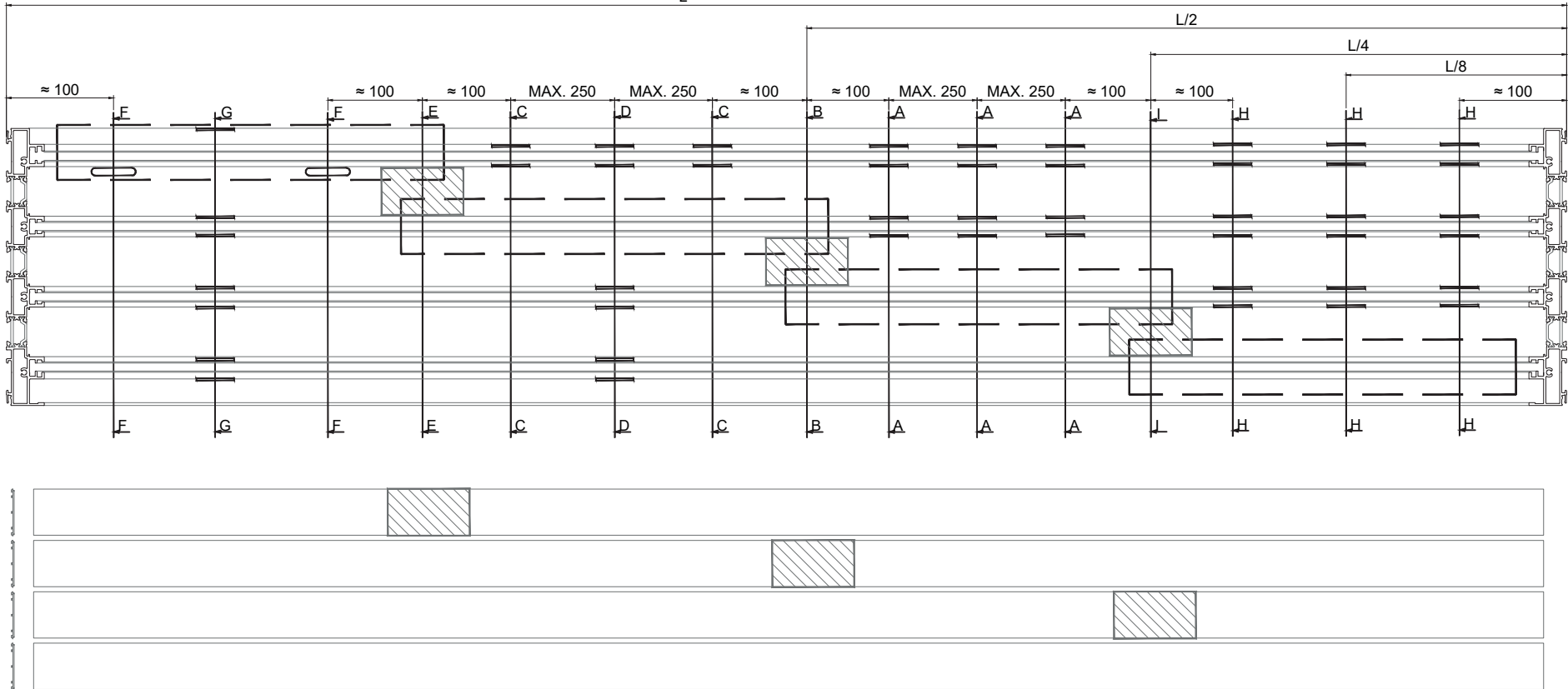
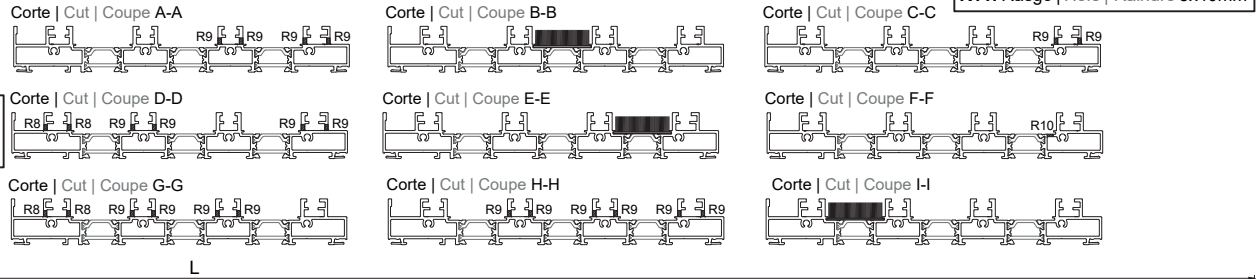
**14 - Pormenores de drenagem para o perfil soleira 30mm 4rail e perfis poliamida, para tipologias de 4 folhas.**  
 Drainage details of 4rail 30mm sill profile and polyamide profiles, for 4 sashes typologies.  
 Détails de drainage pour seuil profilé 30mm 4rail et profilés polyamide, pour les typologies à 4 vantaux.

**R5:** Rasgo | Hole | Rainure 5x30mm  
**R8:** Rasgo | Hole | Rainure 6x30mm  
**R9:** Rasgo | Hole | Rainure 6x30mm  
**R10:** Rasgo | Hole | Rainure 4x25mm  
**R11:** Rasgo | Hole | Rainure 5x40mm



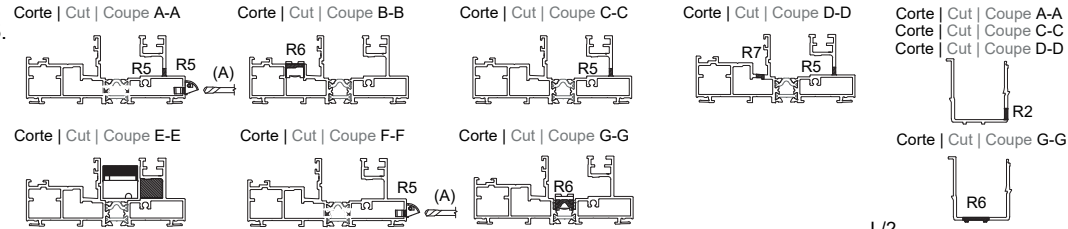
**14.2 - Sem goteira frontal SV-E.**  
 Without SV-E frontal drip.  
 Sans gouttière avant SV-E.

**Para caixilhos abrigados da chuva**  
 For frames sheltered from the rain  
 Pour les cadres à l'abri de la pluie

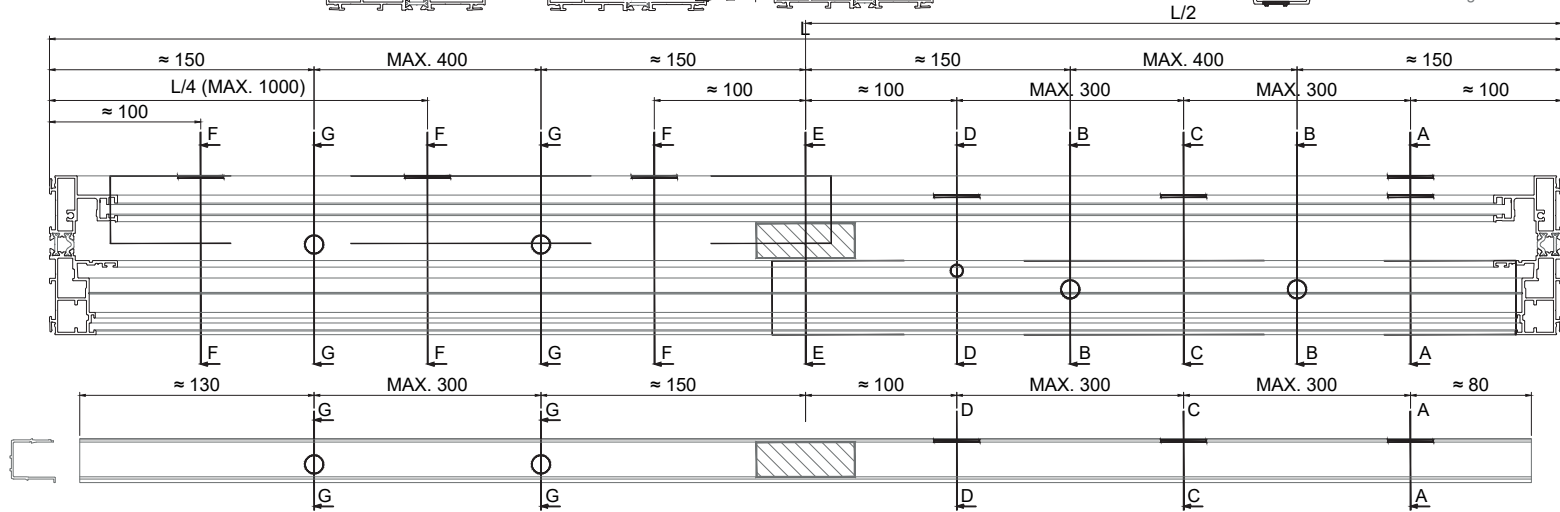


**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

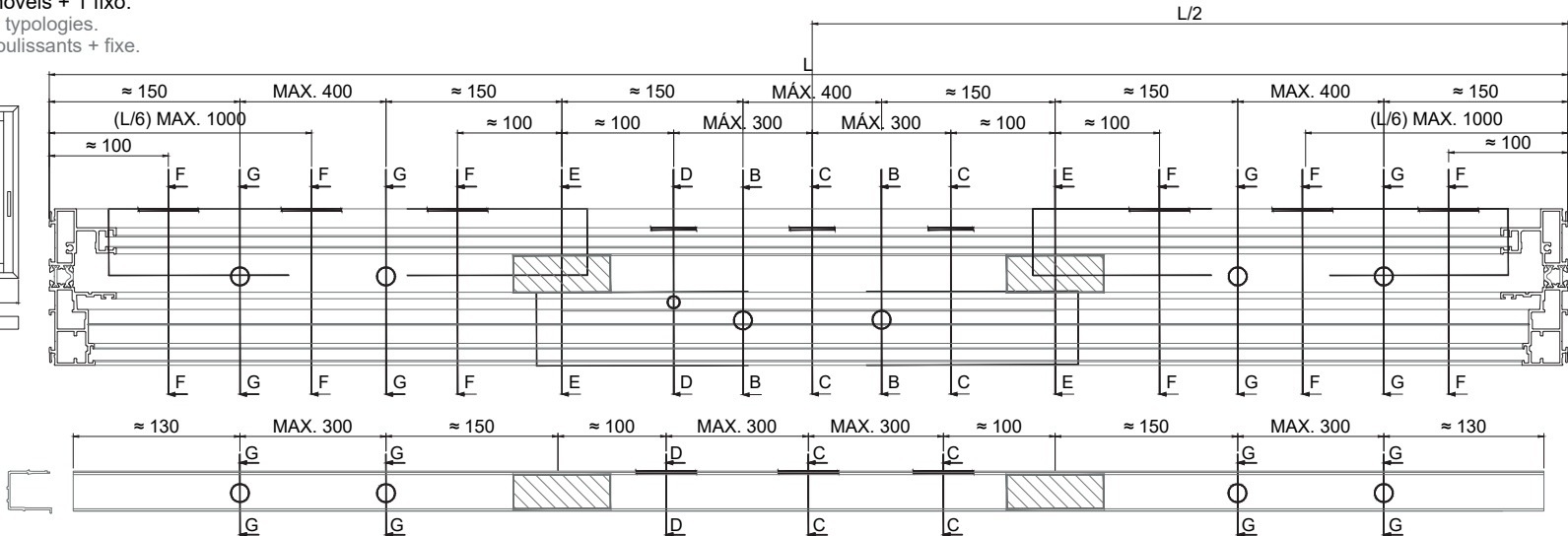
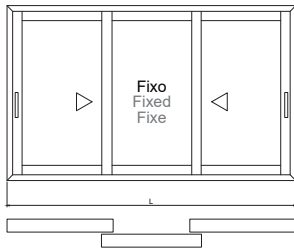
**15 - Pormenores de drenagem para os perfis de aro fixo JT 15.**  
 Drainage details for JT 15 frame profiles.  
 Détails de drainage pour profilés dormant JT 15.



**15.1 - Tipologias de 1 folha móvel + 1 fixo.**  
 1 mobile sash + 1 fixed typologies.  
 Typologies à 1 vantail coulissant + fixe.



**15.2 - Tipologias de 2 folhas móveis + 1 fixo.**  
 2 mobile sashes + 1 fixed typologies.  
 Typologies à 2 vantaux coulissants + fixe.

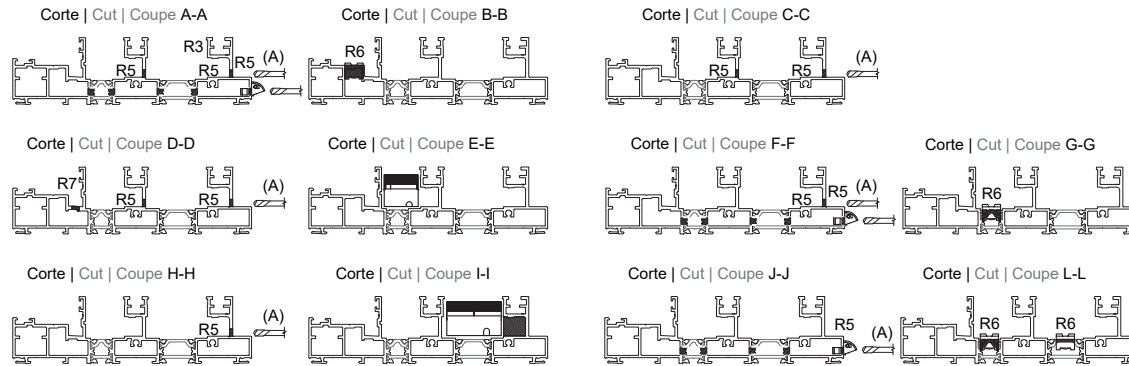


**DRENAGENS POR TIPOLOGIA**  
**DRAINAGE BY FRAME TYPOLOGY**  
**DRAINAGE PAR TYPOLOGIE**

**16 - Pormenores de drenagem para os perfis de aro fixo JT 25, para tipologias de 2 folhas móveis + 1 fixo.**  
 Drainage details for JT 25 frame profiles, for 2 mobile sashes + 1 fixed typologies.  
 Détails de drainage pour profilés dormant JT 25, pour les typologies à 2 vantaux coulissants + fixe.

  
 (A) Rasgo realizado com fresa 5mm  
 Hole made by 5mm milling machine  
 Rainure réalisée avec machine de fraiseage 5mm

- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm
- R7:** Furo | Hole | Trou Ø8mm



Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe C-C  
 Corte | Cut | Coupe D-D

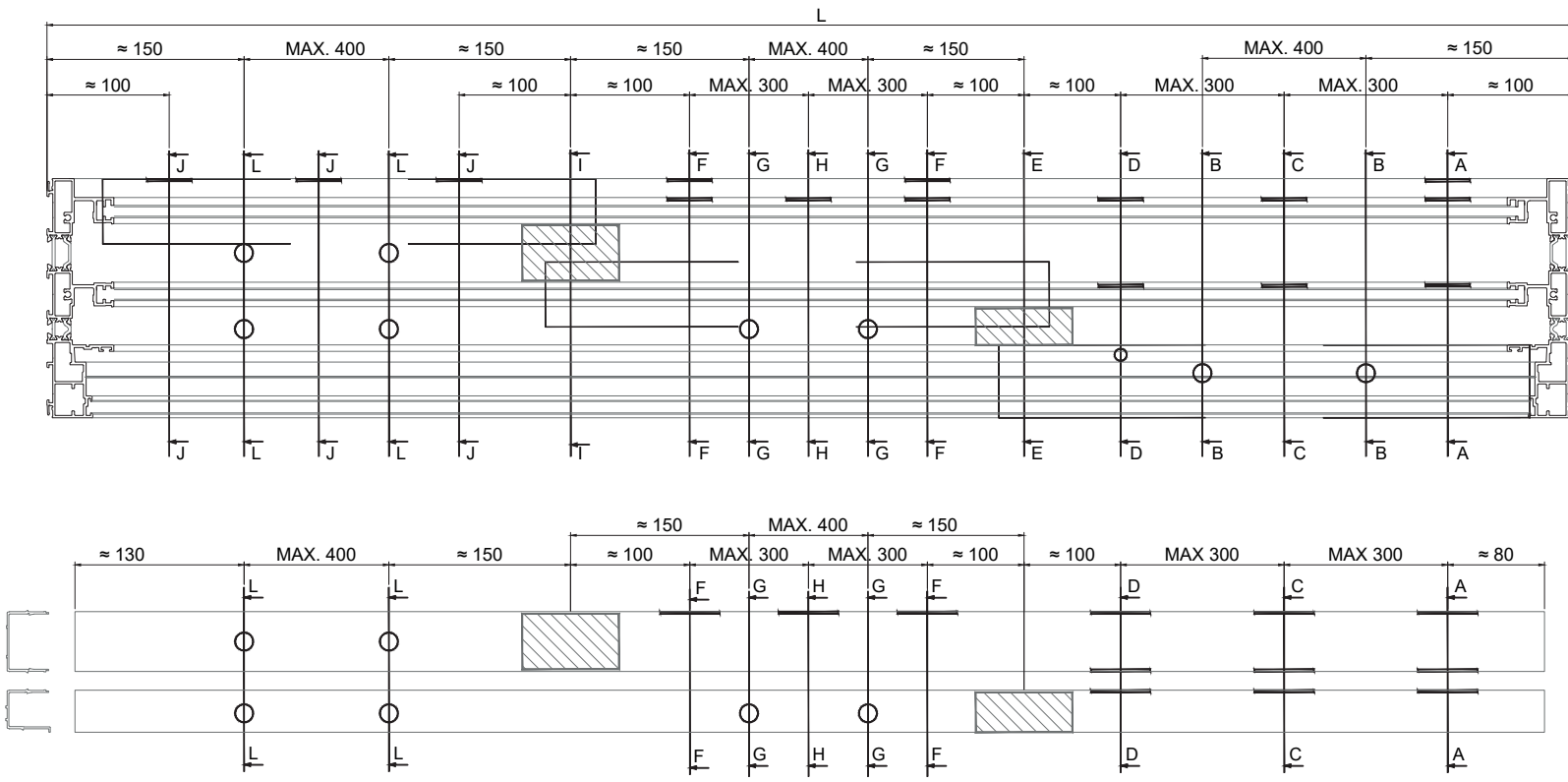
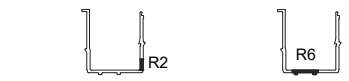
Corte | Cut | Coupe F-F  
 Corte | Cut | Coupe H-H



Corte | Cut | Coupe L-L

Corte | Cut | Coupe A-A  
 Corte | Cut | Coupe C-C  
 Corte | Cut | Coupe D-D

Corte | Cut | Coupe G-G  
 Corte | Cut | Coupe L-L



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

**1 - Fresagem dos perfis laterais para colocação dos topos laterais inferiores e superiores.**

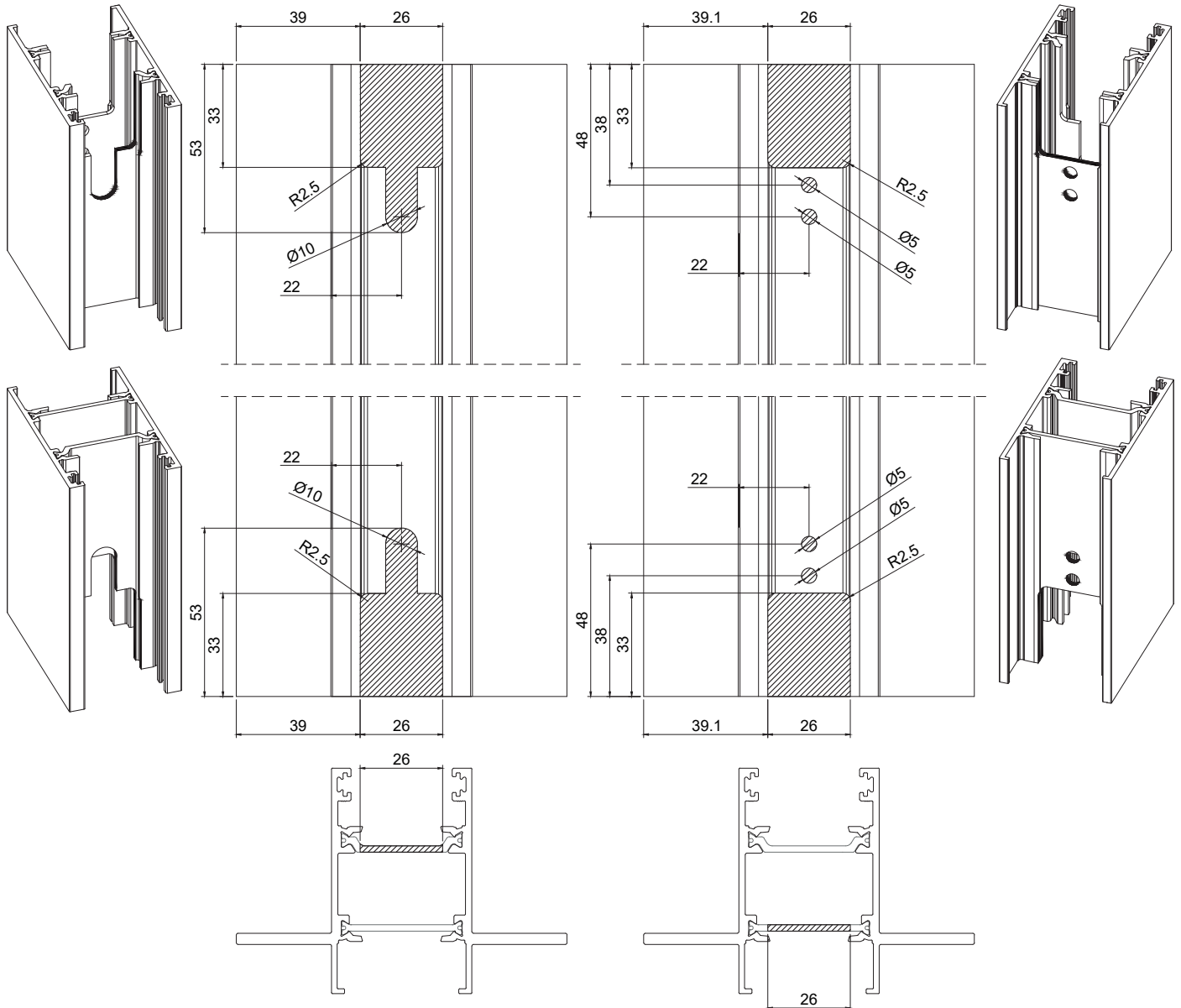
Lateral profiles milling for placing the lateral upper and lower end-caps.

Fraisage des profilés latéraux pour placer les embouts latéraux inférieurs et supérieurs.

Maquinação realizada no Cortante

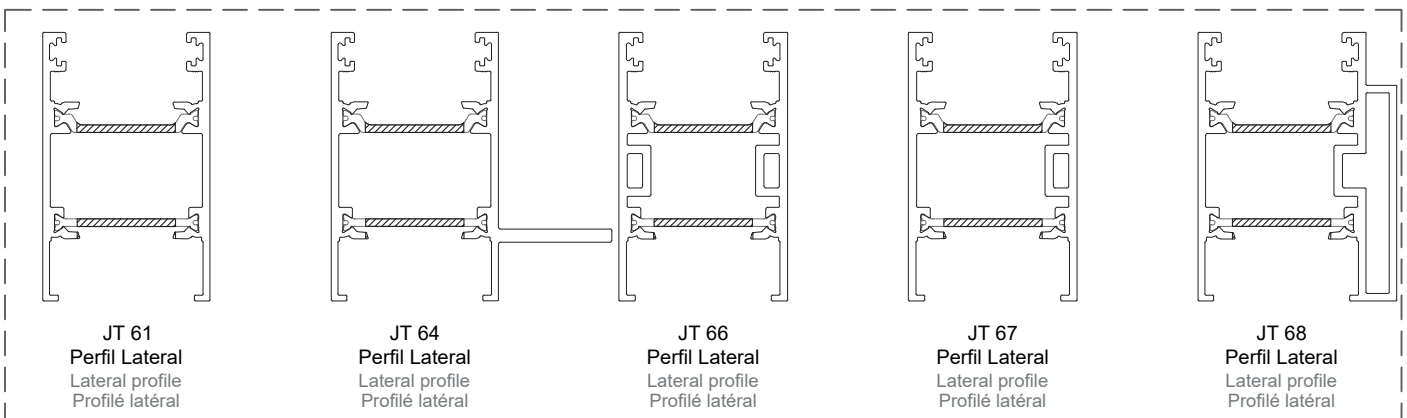
Machining performed on Punching tool

Usinage réalisée dans l'Outil



**JT 65**  
**Perfil Lateral**  
Lateral profile | Profilé latéral

**JT 65**  
**Perfil Lateral**  
Lateral profile | Profilé latéral



**JT 61**  
**Perfil Lateral**  
Lateral profile  
Profilé latéral

**JT 64**  
**Perfil Lateral**  
Lateral profile  
Profilé latéral

**JT 66**  
**Perfil Lateral**  
Lateral profile  
Profilé latéral

**JT 67**  
**Perfil Lateral**  
Lateral profile  
Profilé latéral

**JT 68**  
**Perfil Lateral**  
Lateral profile  
Profilé latéral

**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

**2 - Fresagem dos perfis laterais para colocação das travessas superior e inferior.**

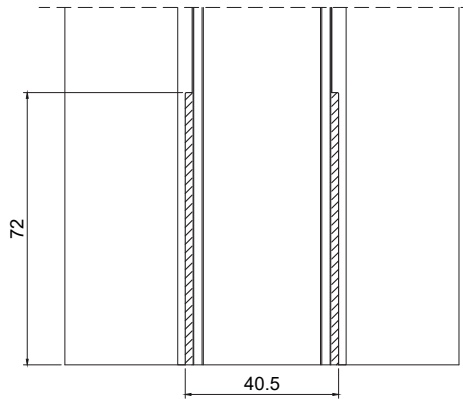
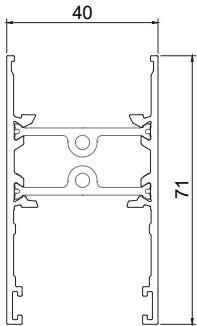
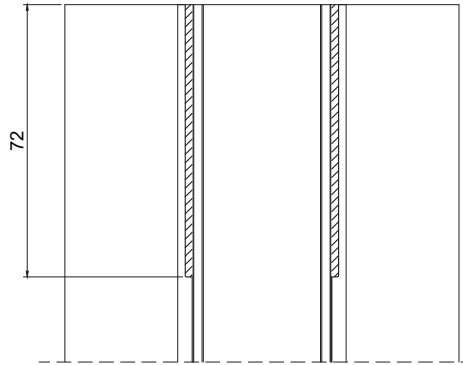
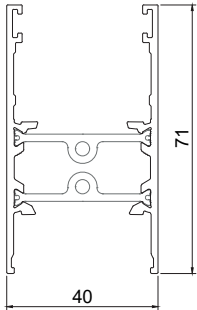
Lateral profiles milling for placing the upper and lower transoms.

Fraisage des profilés latéraux pour la mise en place des traverses supérieures et inférieures.

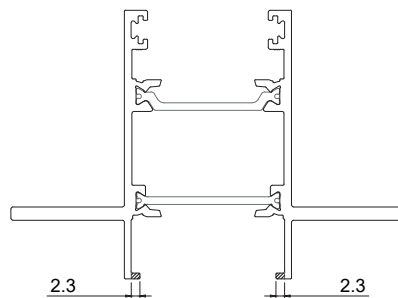
**Maquinação realizada no Cortante**

Machining performed on Punching tool  
Usinage réalisée dans l'Outil

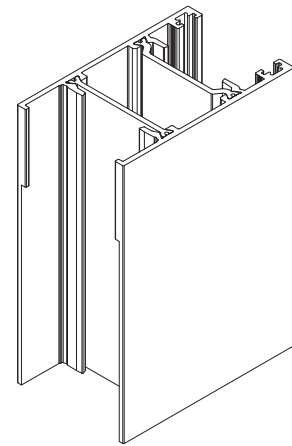
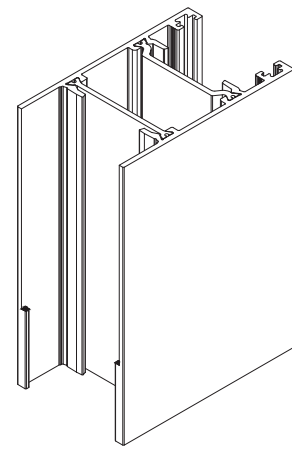
**JT 63**  
**Travessa superior**  
Upper transom | Traverse supérieur



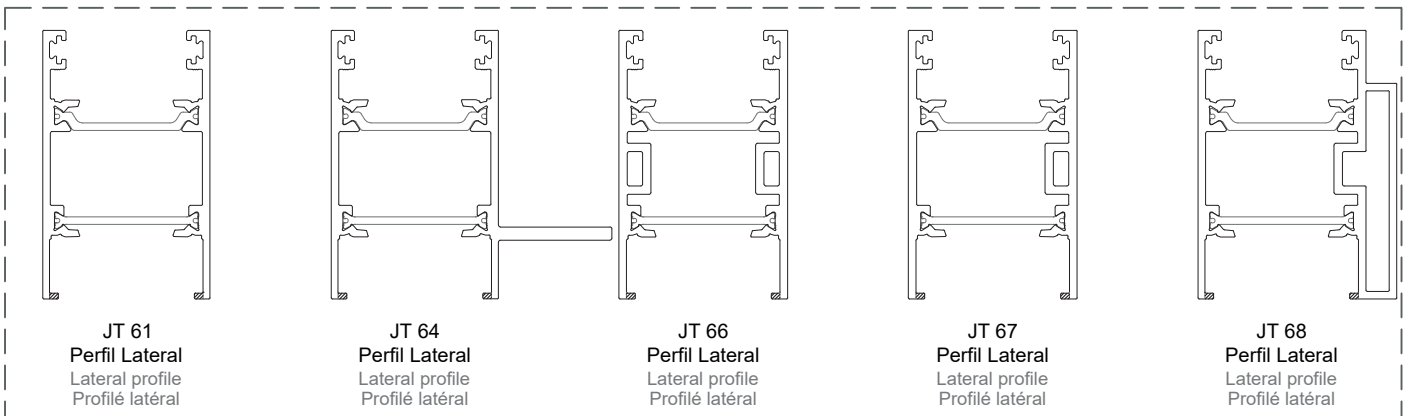
**JT 63**  
**Travessa inferior**  
Lower transom | Traverse inférieur



**JT 65**  
**Perfil Lateral**  
Lateral profile | Profilé latéral



**É muito importante que esta  
maquinação seja feita depois da  
maquinação para os topos.**  
It is very important that this machining is done  
after the end-caps machining.  
Il est très important que cet usinage se fasse  
après l'usinage des embouts.



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

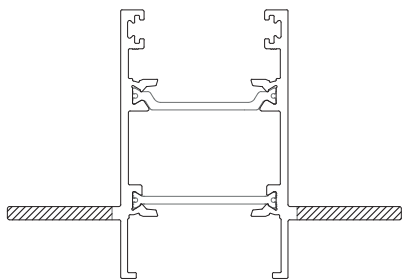
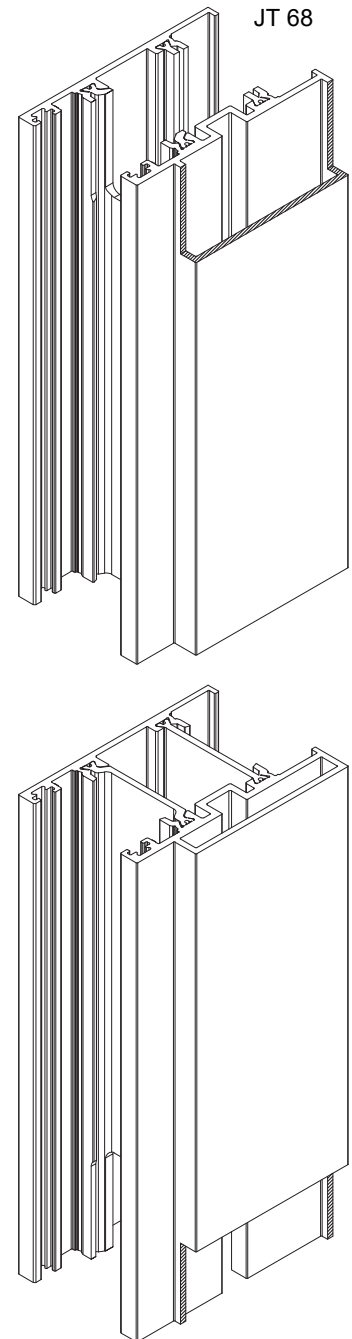
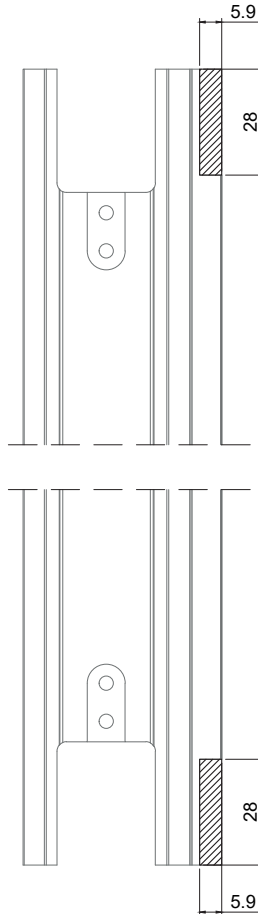
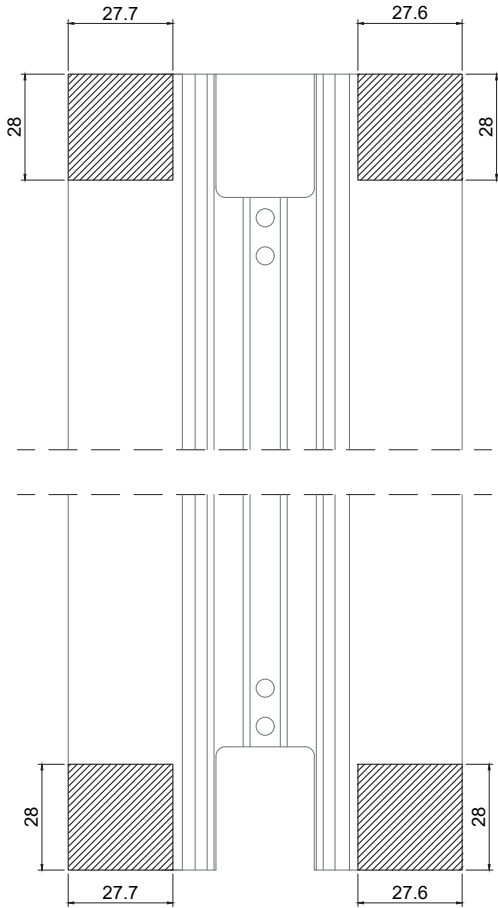
MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

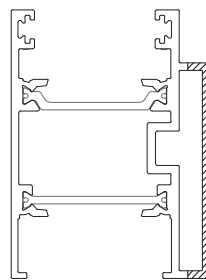
**3 - Fresagem dos perfis laterais JT64, JT65 e JT 68.**

JT64, JT 65 and JT 68 lateral profiles milling.

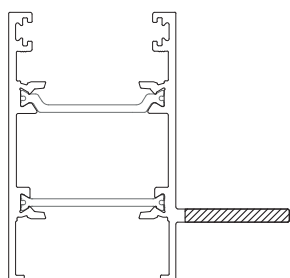
Fraisage des profilés laterales JT64, JT65 et JT68.



**JT 65**  
**Perfil Lateral**  
Lateral profile | Profilé latéral



**JT 68**  
**Perfil Lateral**  
Lateral profile | Profilé latéral



**JT 64**  
**Perfil Lateral**  
Lateral profile | Profilé latéral

Maquinação **não** realizada no Cortante  
Machining **not** performed on Punching tool  
Usinage **non** réalisée dans l'Outil



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

4 - Fresagem de perfil central e junta central para colocação das travessas superior e inferior.

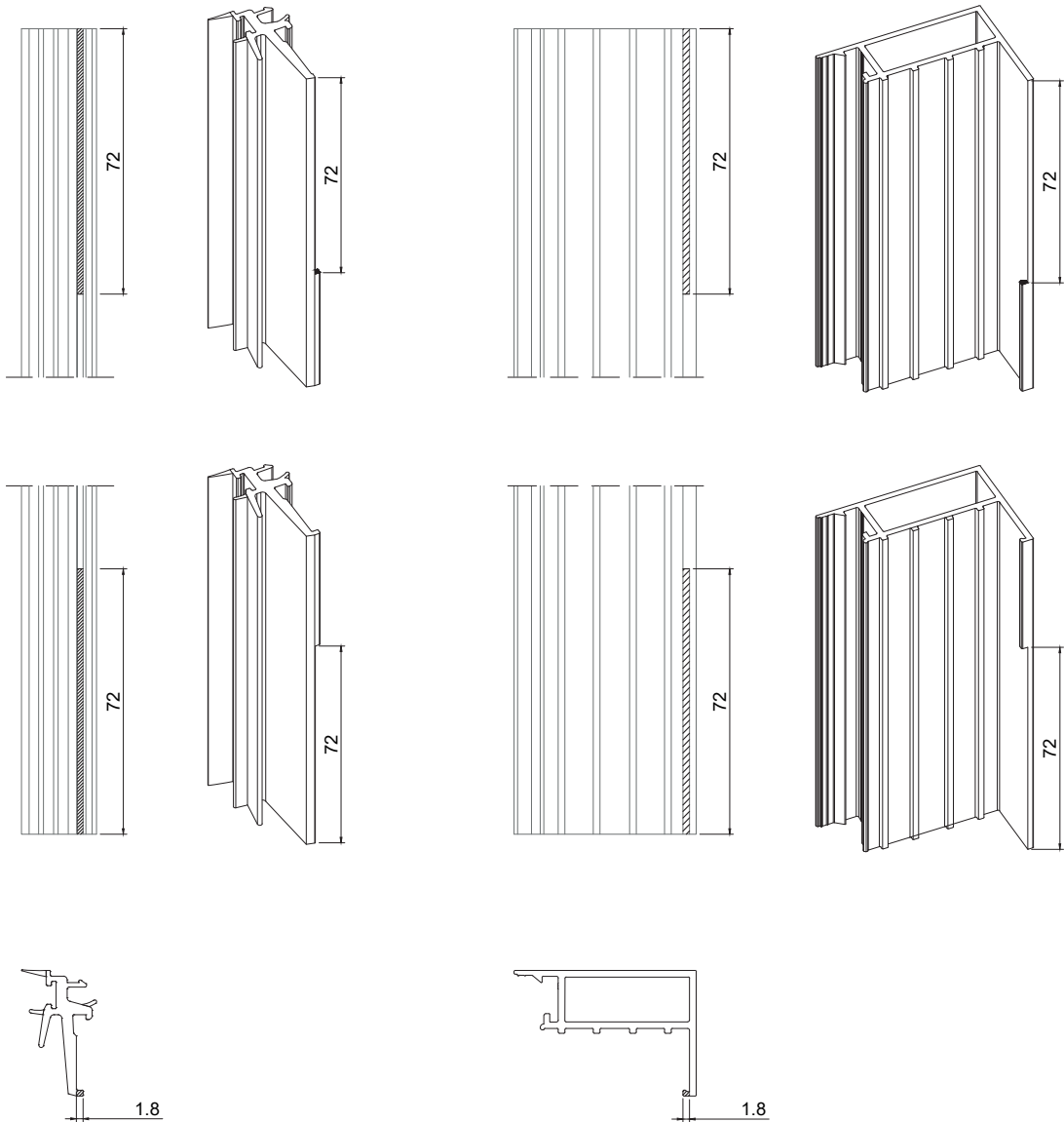
**Seguir este procedimento em todos os perfis centrais.**

Central profile and joint milling for placing the upper and lower transoms.

**Follow this procedure in all central profiles.**

Fraisage du profilé central et du joint central pour la mise en place des traverses supérieure et inférieure.

**Suivre cette procédure sur tous les profilés centraux.**



JUNTA CENTRAL 2196 JT  
JT 2196 CENTRAL JOINT  
JOINT CENTRALE 2196 JT

JT 51

Maquinação realizada no Cortante

Machining performed on Punching tool  
Usinage réalisée dans l'Outil

## MAQUINAÇÕES DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

5 - Fresagem do perfil central para colocação dos topos centrais superiores e inferiores.

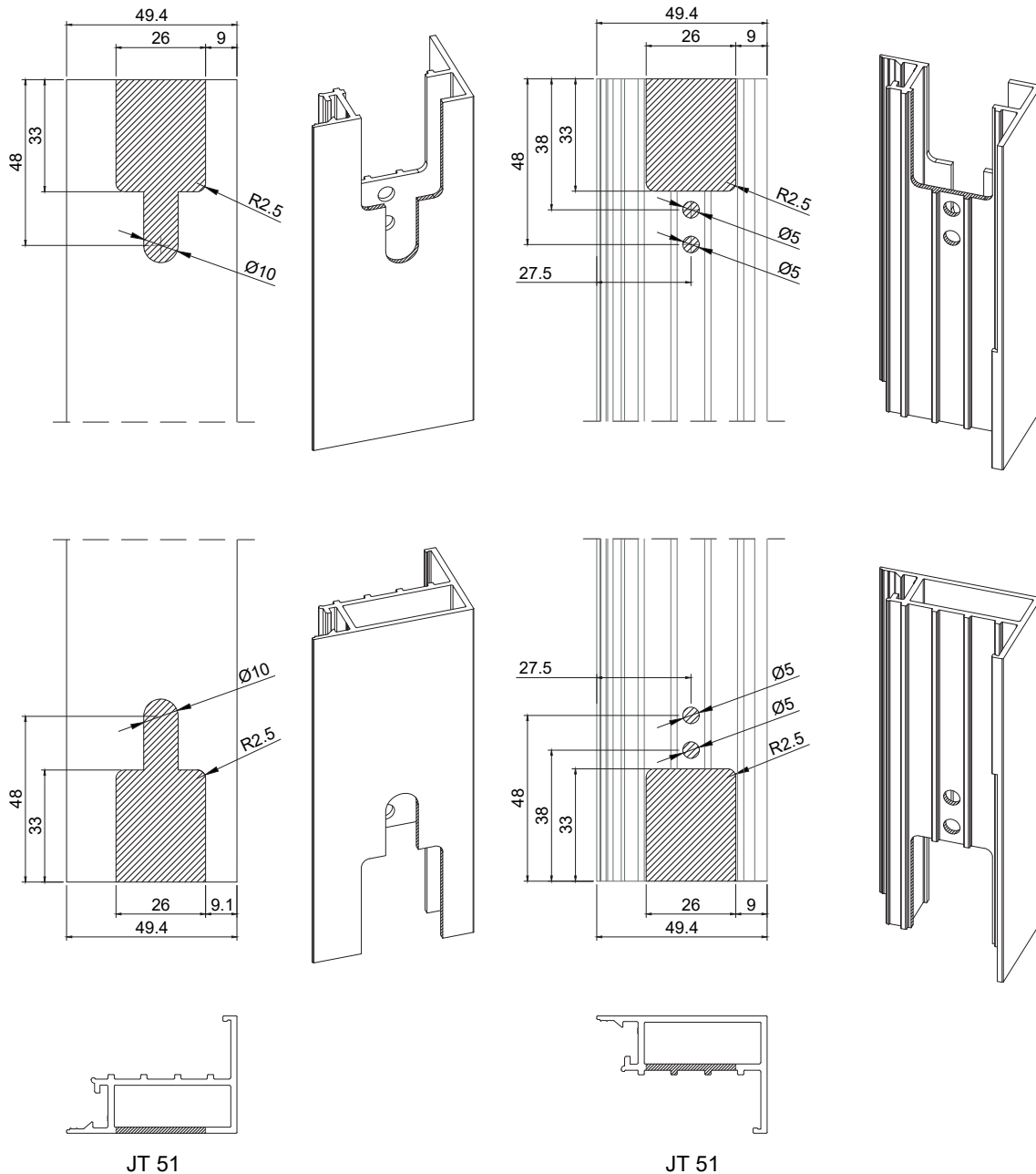
**Seguir este procedimento em todos os perfis centrais.**

Central profile milling for placing the central upper and lower end-caps.

**Follow this procedure in all central profiles.**

Fraisage du profilé central pour la mise en place des plateaux centraux supérieur et inférieur.

Suivre cette procédure sur tous les profilés centraux.



Maquinação realizada no Cortante

Machining performed on Punching tool  
Usinage réalisée dans l'Outil

**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

6 - Fresagem dos perfis centrais de reforço.

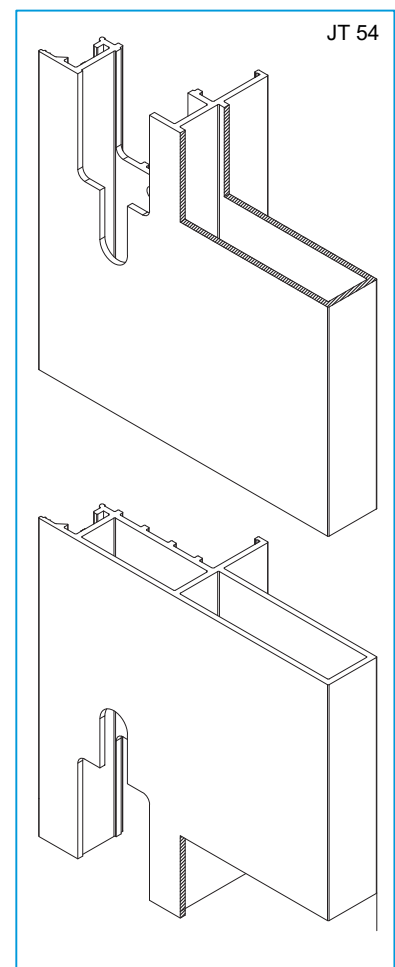
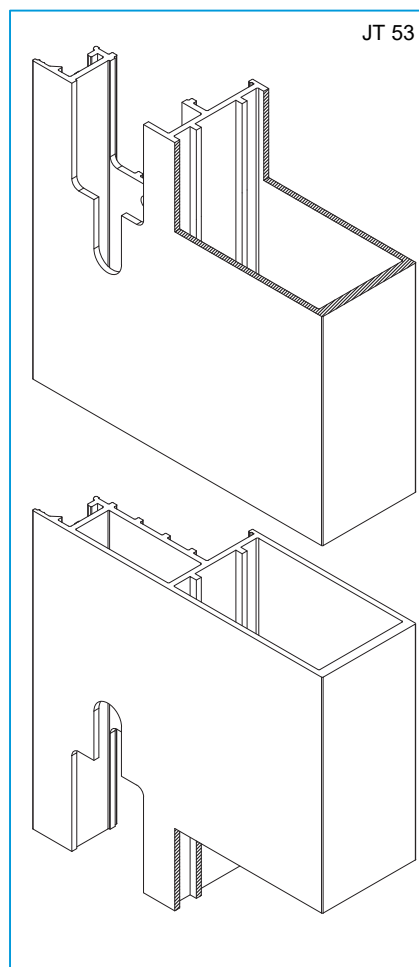
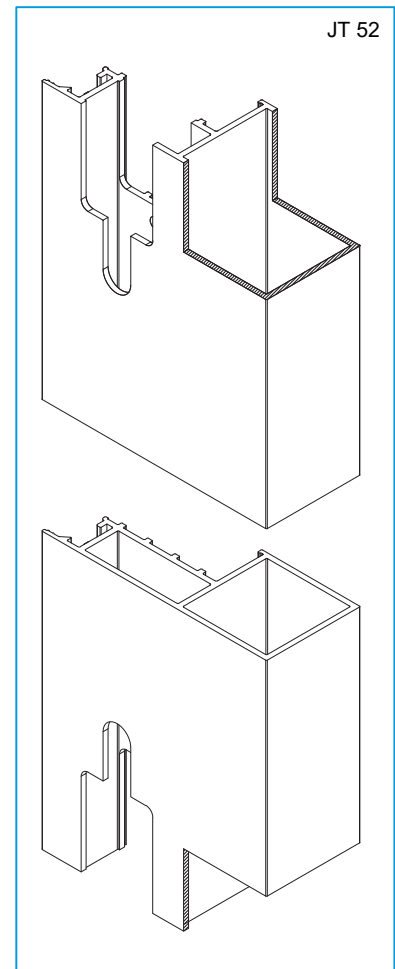
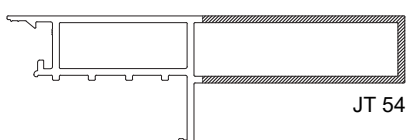
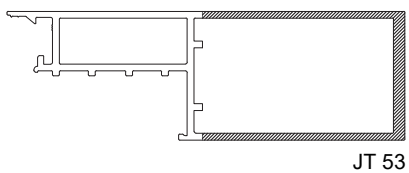
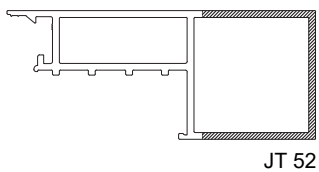
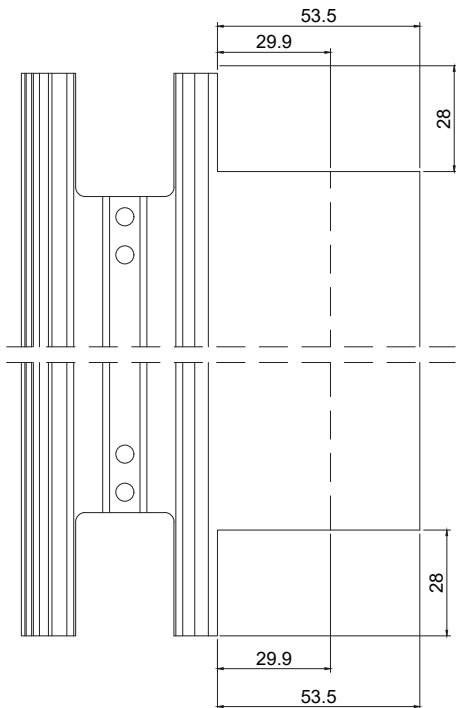
**Seguir este procedimento em todos os perfis centrais.**

Reinforcement central profile milling.

**Follow this procedure in all central profiles.**

Fraisage des profilés de renfort centraux.

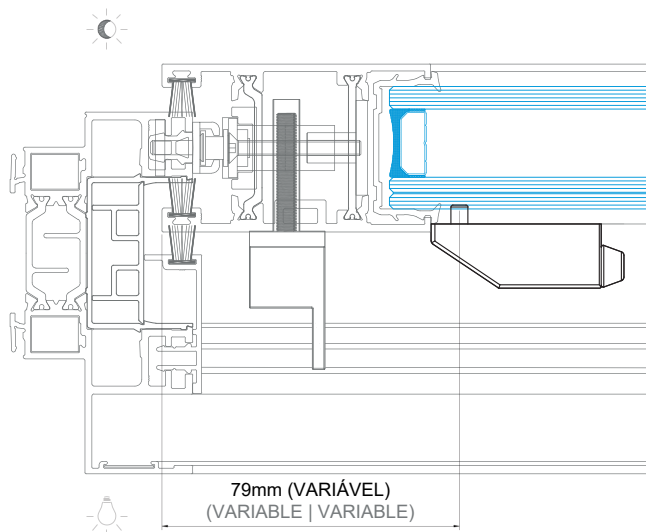
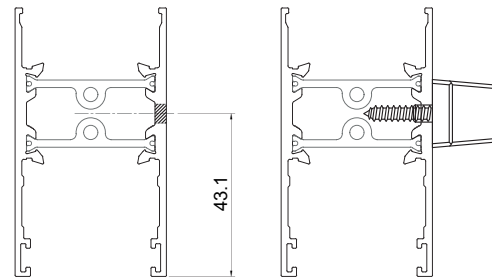
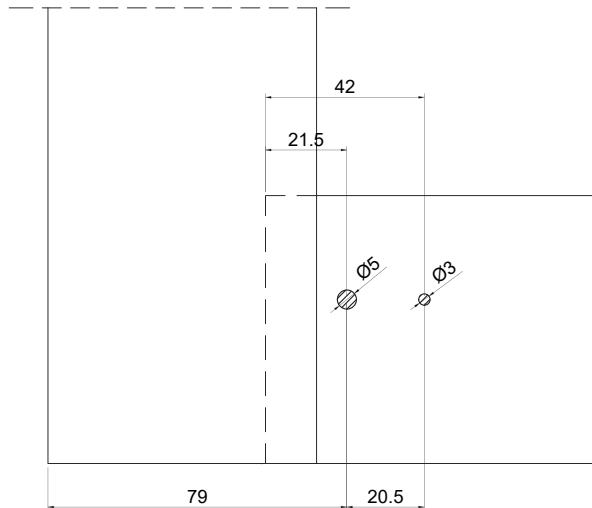
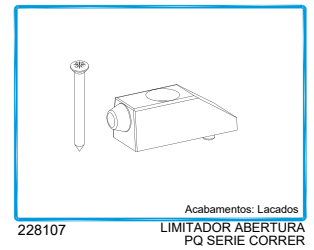
**Suivre cette procédure sur tous les profilés centraux.**



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

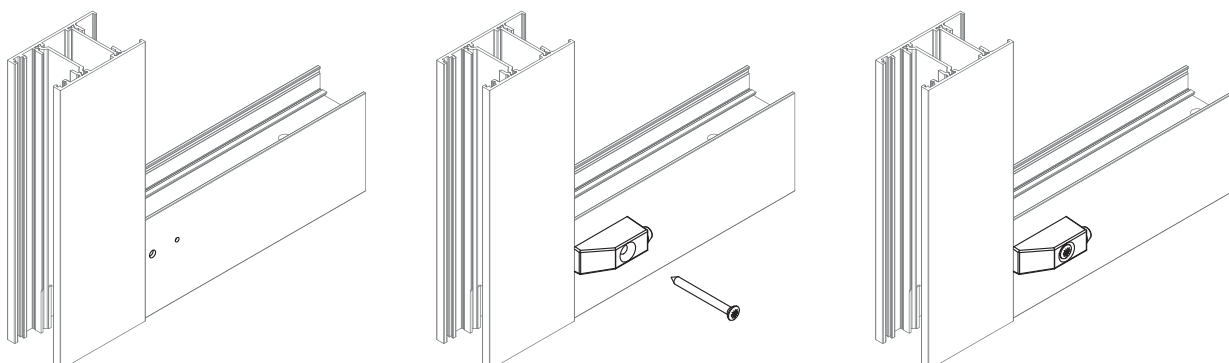
**7 - Aplicação do limitador de abertura na travessa inferior JT 63.**  
Opening limiter application on the lower transom JT 63.  
Application du limiteur d'ouverture sur la traverse inférieure JT 63.

**7.1 - Furação para a fixação do limitador de abertura.**  
Drilling for fixing the opening limiter.  
Perçage pour fixation du limiteur d'ouverture.



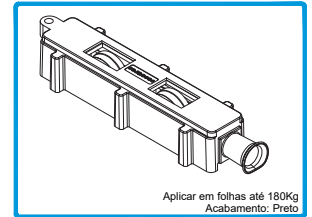
**Medida variável mediante cremone a aplicar.**  
Variable measure by means of handle to be applied.  
Mesure variable utilisant la crémonne à appliquer.

**6.2 - Aparafusar o limitador de abertura à travessa.**  
Screw the opening limiter to the transom.  
Visser le limiteur d'ouverture sur la traverse.

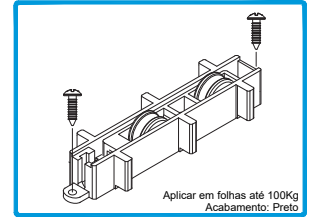


**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

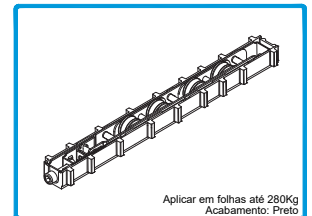
**8 - Furação para drenagens e decompressão e aplicação dos carrinhos.**  
Drainage and decompression drilling and rollers application.  
Perçage pour drainage et décompression et application des roulettes.



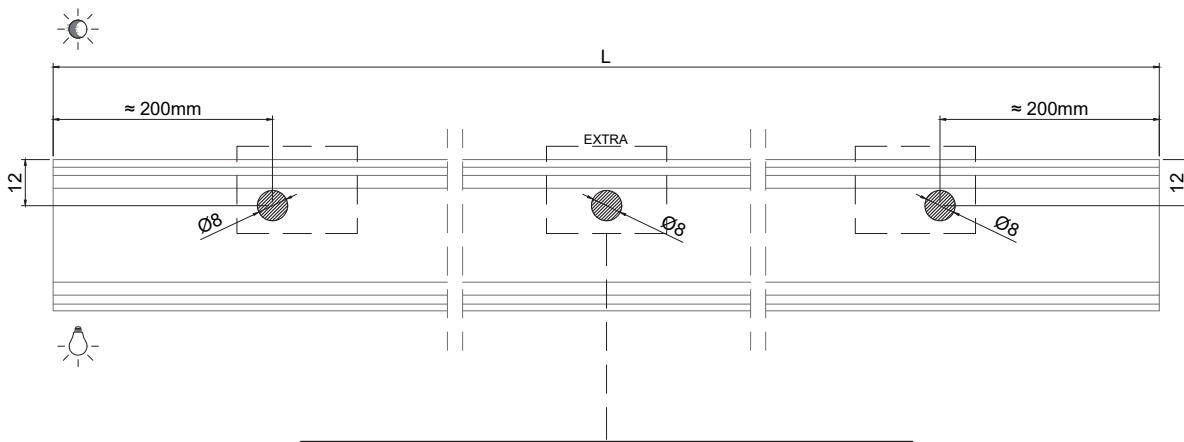
205129 CARRINHO JT 180KG  
Aplicar em folhas até 180Kg  
Acabamento: Preto



205108 CARRINHO JT 100KG  
Aplicar em folhas até 100Kg  
Acabamento: Preto



205201 CARRINHO JT HEAVY DUTY  
Aplicar em folhas até 280Kg  
Acabamento: Preto



Se  $L \geq 1m$ , fazer um furo adicional ao centro da travessa inferior  
If  $L \geq 1m$ , drill an additional hole in the center of the lower transom  
Si  $L \geq 1m$ , percer un trou supplémentaire au centre de la traverse inférieure

**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**9 - Ferragens 1 Ponto e Multiponto.**  
1 Point and Multipoint Hardware.  
Serres 1 Point and Multipoint.

**9.1 - Altura do furo do cremone no perfil lateral, com aro fixo FR.**  
Handle's hole height in the side profile, with FR fixed frame.  
Hauteur du trou de crémonne dans le profilé latéral, avec dormant FR.

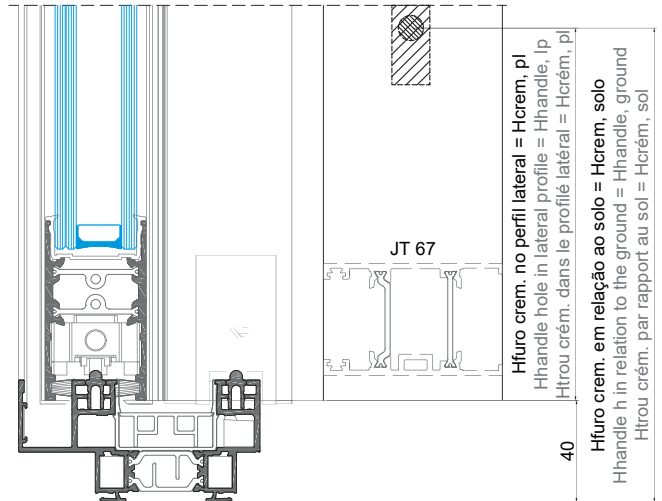
**Hcrem, pl = Hcrem, solo - 40mm**  
**Hhandle, lp = Hhandle, ground - 40mm**  
**Hcrem, pl = Hcrem, sol - 40mm**

**Exemplo | Example | Exemple:**

Para colocação do mecanismo de fecho a 1000mm relativamente ao solo, o centro da maquinação deverá ser feito no perfil lateral a uma altura de 1000-40=960mm.

For placing the closing mechanism at 1000mm in relation to the ground, the machining center should be made in the lateral profile at a height of 1000-40=960mm.

Pour placer le mécanisme de fermeture à 1000mm par rapport au sol, le centre d'usinage doit être réalisé dans le profilé latéral à une hauteur de 1000-40=960mm.



**9.2 - Altura do furo do cremone no perfil lateral, com aro fixo PT.**  
Handle's hole height in the side profile, with PT fixed frame.  
Hauteur du trou de crémonne dans le profilé latéral, avec dormant PT.

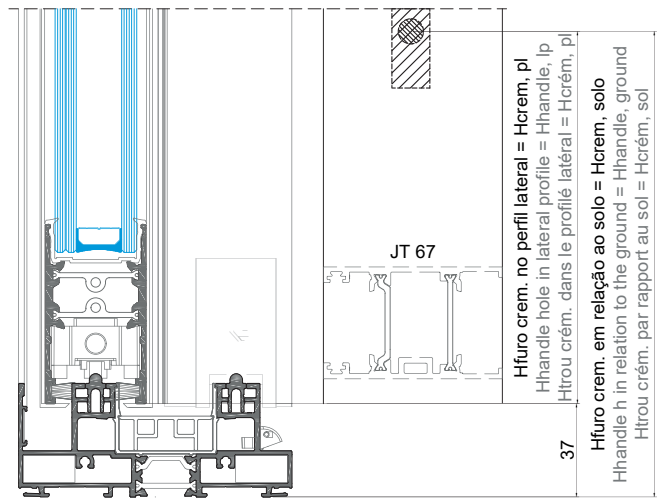
**Hcrem, pl = Hcrem, solo - 37mm**  
**Hhandle, lp = Hhandle, ground - 37mm**  
**Hcrem, pl = Hcrem, sol - 37mm**

**Exemplo | Example | Exemple:**

Para colocação do mecanismo de fecho a 1000mm relativamente ao solo, o centro da maquinação deverá ser feito no perfil lateral a uma altura de 1000-37=963mm.

For placing the closing mechanism at 1000mm in relation to the ground, the machining center should be made in the lateral profile at a height of 1000-37=963mm.

Pour placer le mécanisme de fermeture à 1000mm par rapport au sol, le centre d'usinage doit être réalisé dans le profilé latéral à une hauteur de 1000-37=963mm.



**9.3 - Altura do furo do cremone no perfil lateral, com soleira 30mm.**  
Handle's hole height in the side profile, with 30mm sill.  
Hauteur du trou de crémonne dans le profilé latéral, avec seuil 30mm.

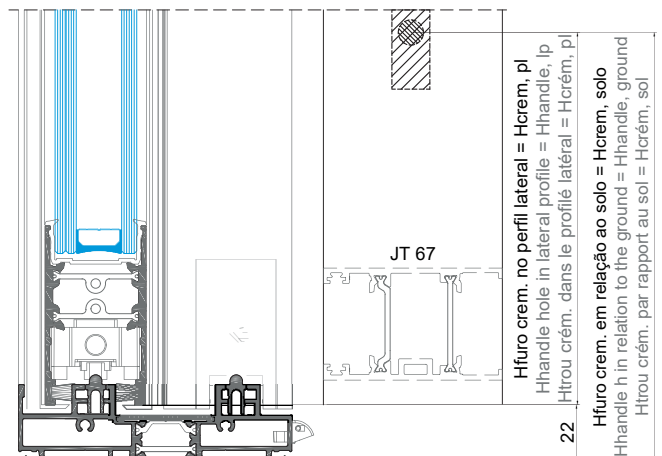
**Hcrem, pl = Hcrem, solo - 22mm**  
**Hhandle, lp = Hhandle, ground - 22mm**  
**Hcrem, pl = Hcrem, sol - 22mm**

**Exemplo | Example | Exemple:**

Para colocação do mecanismo de fecho a 1000mm relativamente ao solo, o centro da maquinação deverá ser feito no perfil lateral a uma altura de 1000-22=978mm.

For placing the closing mechanism at 1000mm in relation to the ground, the machining center should be made in the lateral profile at a height of 1000-22=978mm.

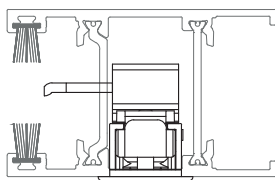
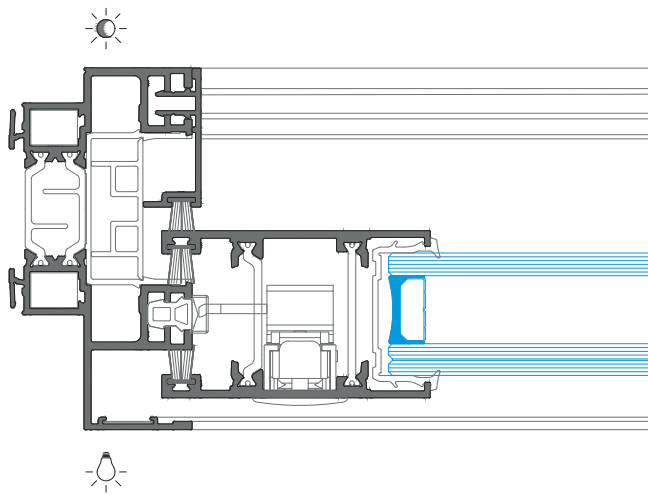
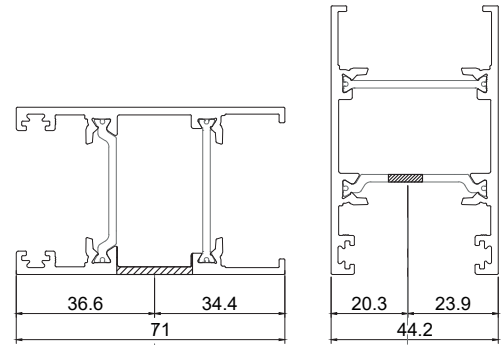
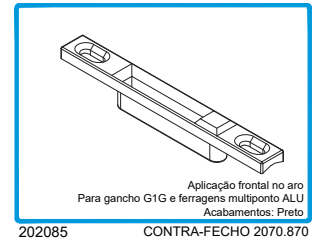
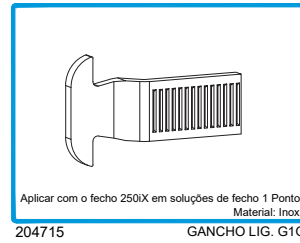
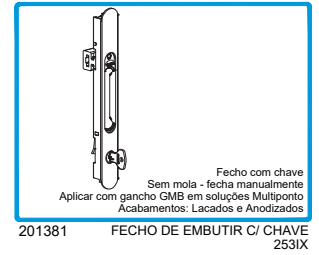
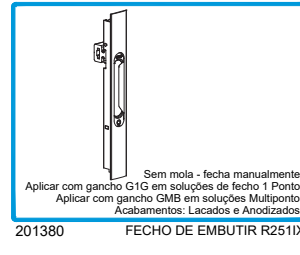
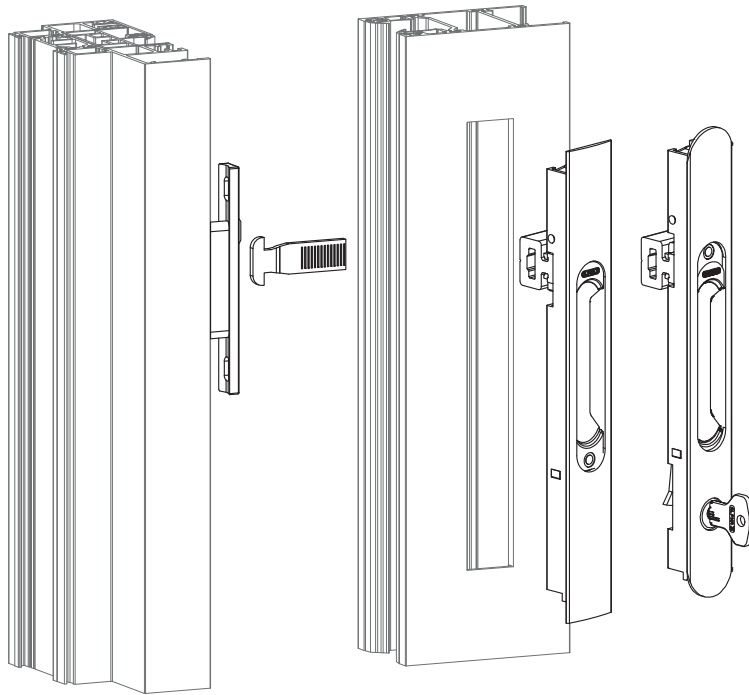
Pour placer le mécanisme de fermeture à 1000mm par rapport au sol, le centre d'usinage doit être réalisé dans le profilé latéral à une hauteur de 1000-22=978mm.



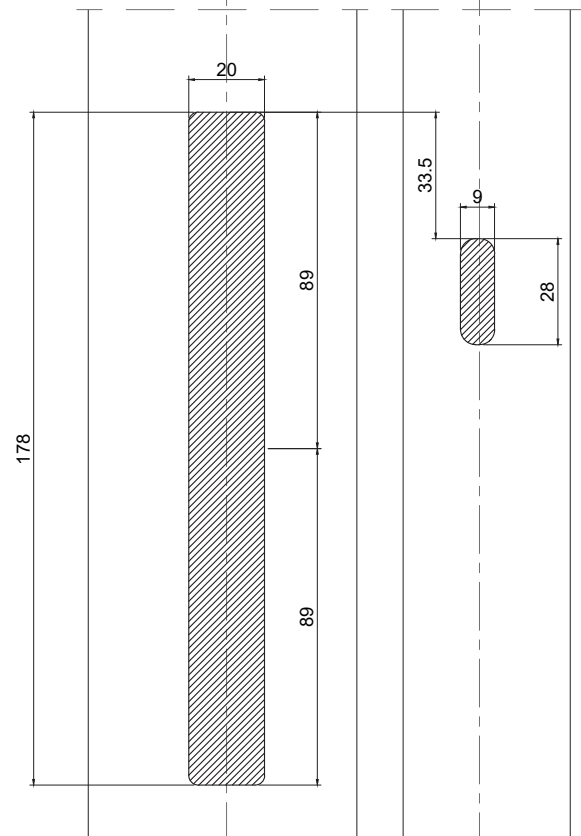
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**10 - Ferragem 1 ponto ALU.**  
ALU 1 point Hardware.  
Serrure 1 point ALU.

**10.1 - Maquinações e esquema de aplicação.**  
Machining and application scheme.  
Usinage et schéma d'application.



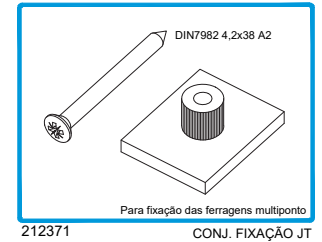
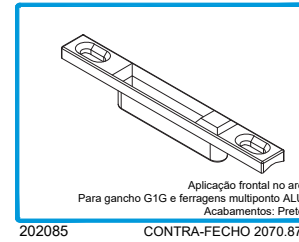
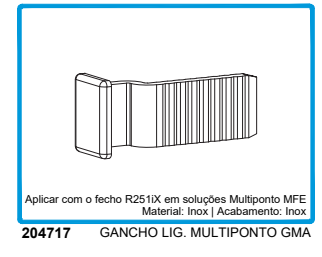
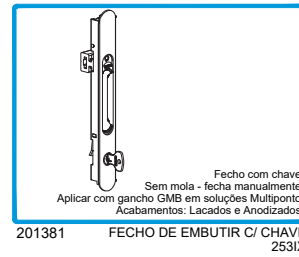
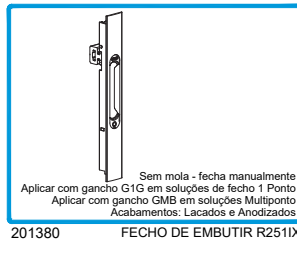
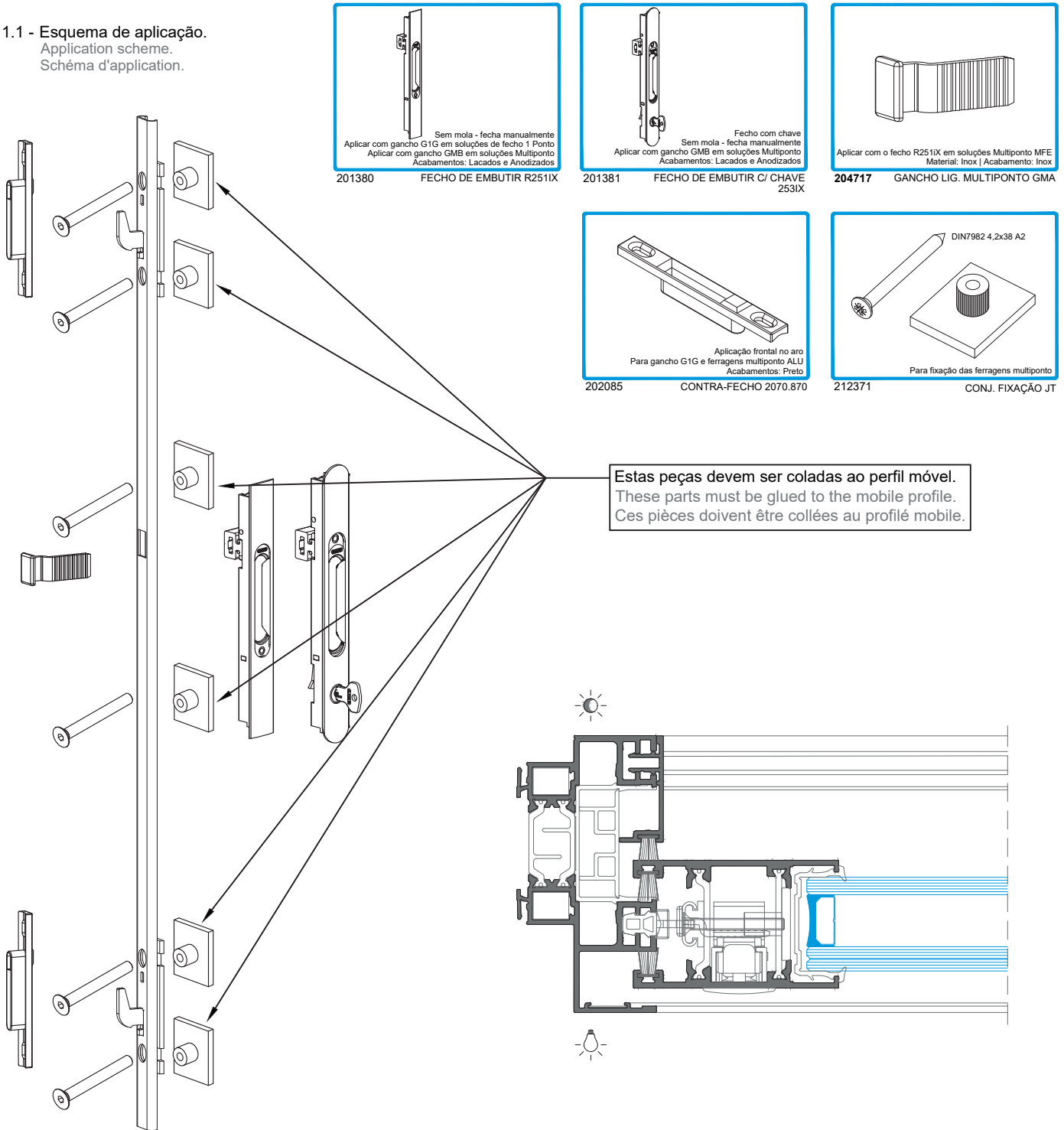
**JT 61**  
Perfil Lateral  
Lateral profile | Profilé latéral



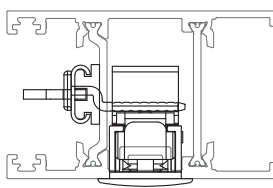
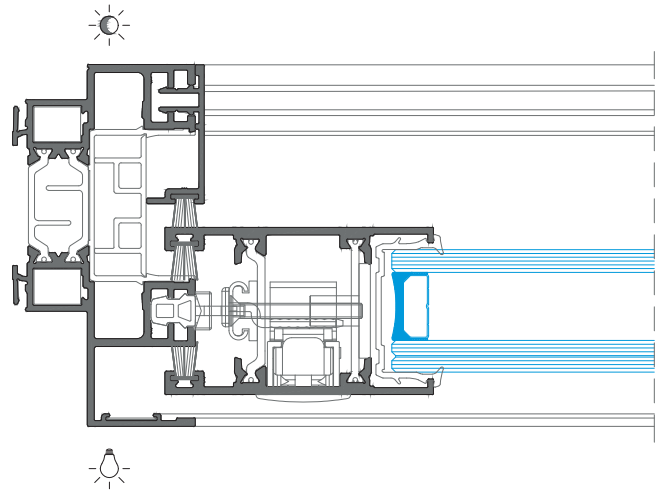
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**11 - Ferragem Multiponto MFE ALU.**  
ALU MFE Multipoint Hardware.  
Serrure Multipoint MFE ALU.

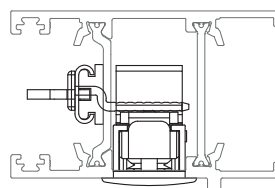
**11.1 - Esquema de aplicação.**  
Application scheme.  
Schéma d'application.



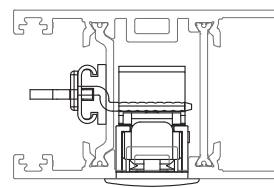
Estas peças devem ser coladas ao perfil móvel.  
These parts must be glued to the mobile profile.  
Ces pièces doivent être collées au profilé mobile.



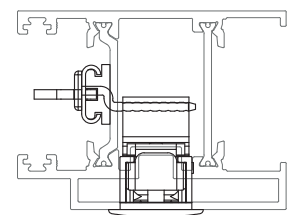
**JT 61**  
Perfil Lateral  
Lateral profile | Profilé latéral



**JT 64**  
Perfil Lateral  
Lateral profile | Profilé latéral



**JT 66**  
Perfil Lateral  
Lateral profile | Profilé latéral



**JT 68**  
Perfil Lateral  
Lateral profile | Profilé latéral



## MAQUINAÇÕES DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

### 11 - Ferragem Multiponto MFE ALU.

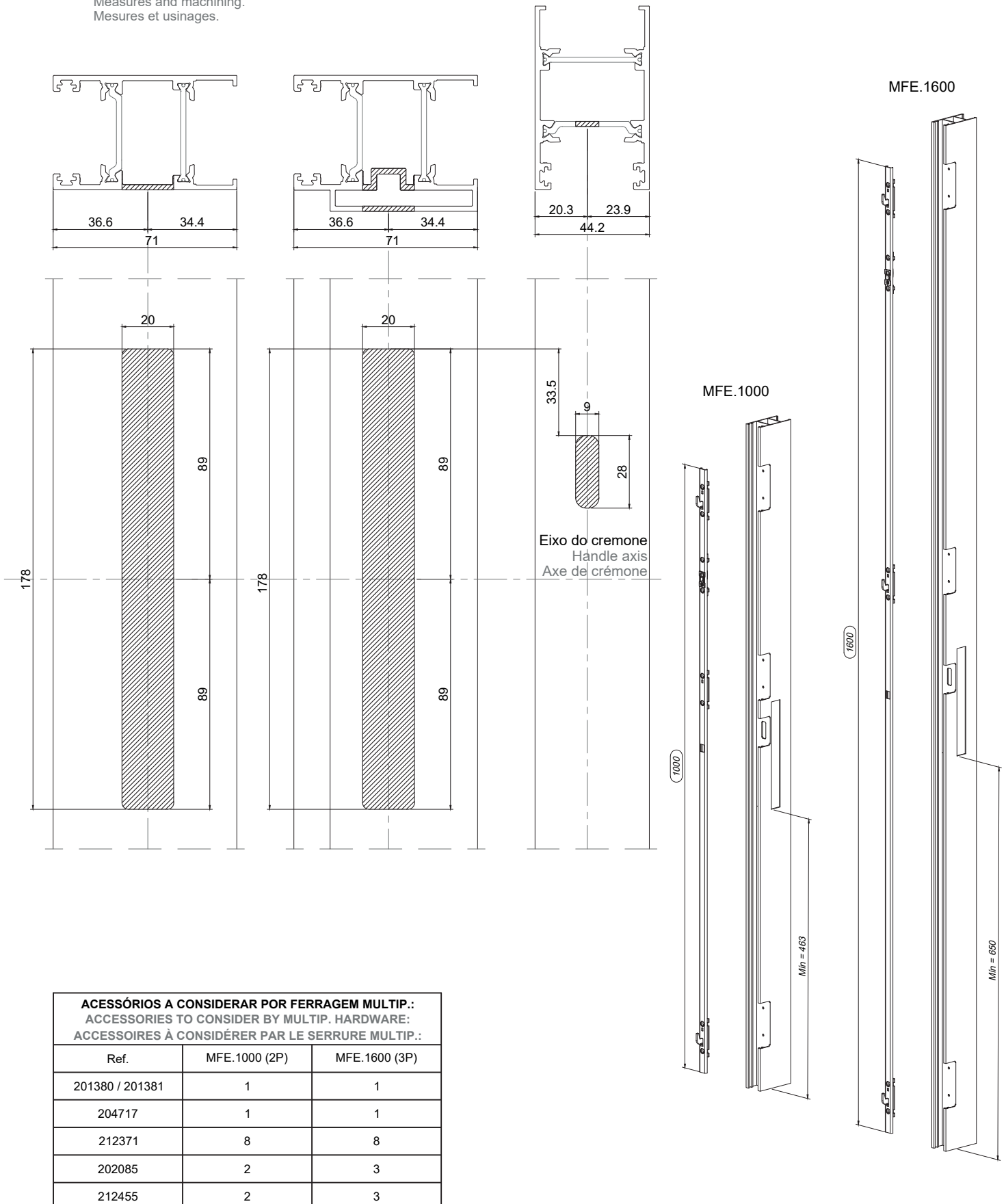
ALU MFE Multipoint Hardware.

Serrure Multipoint MFE ALU.

### 11.2 - Medidas e maquinações.

Measures and machining.

Mesures et usinages.



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

MOBILE FRAME PROFILES MACHINING

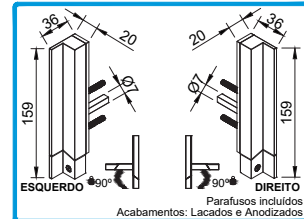
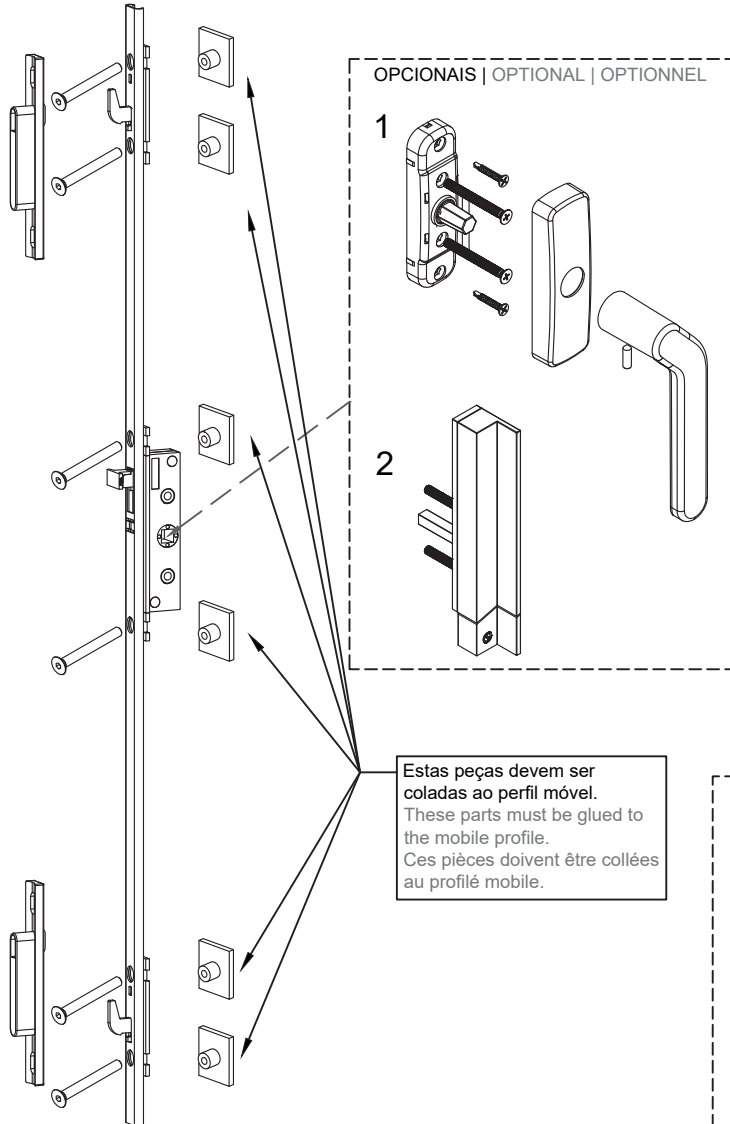
USINAGE DES PROFILÉS OUVRANT

**12 - Ferragem Multiponto MFCK ALU.**

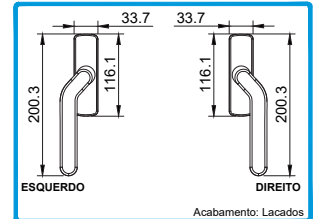
ALU MFCK Multipoint Hardware.  
Serrure Multipoint MFCK ALU.

**12.1 - Esquema de aplicação.**

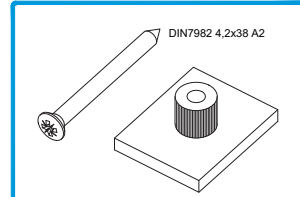
Application scheme.  
Schéma d'application.



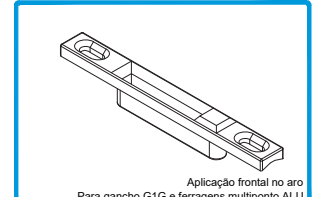
200817 PUXADOR SLIM XS (Direito)  
200819 PUXADOR SLIM XS (Esquerdo)



200959 CREMONE MULT. DESVIADO DIR  
200939 CREMONE MULT. DESVIADO ESQ

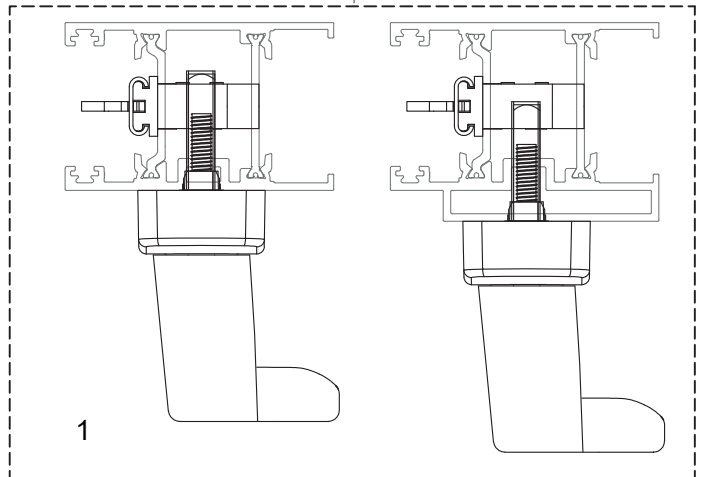


212371 CONJ. FIXAÇÃO JT



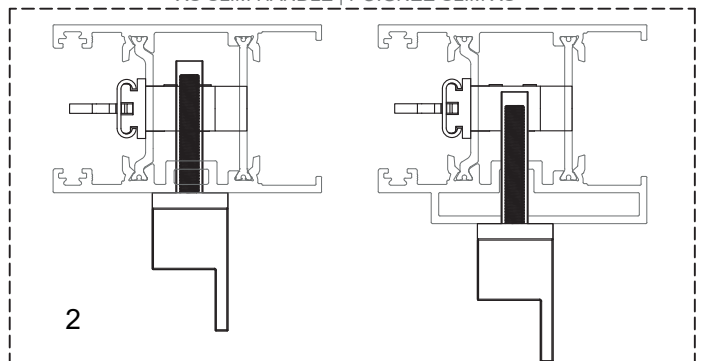
202085 CONTRA-FECHO 2070.870

**CREMONE MULTIPONTO DESVIADO**  
DEVIATED MULTIPOINT HANDLE | CRÉMONE MULTIPOINT DÉVIÉ

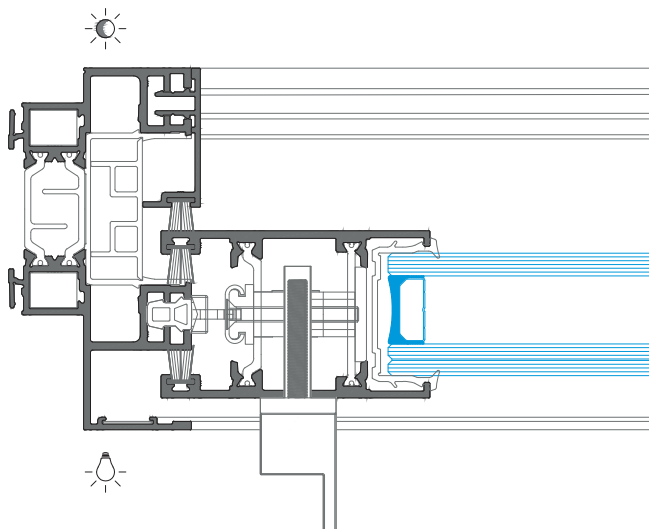


1

**PUXADOR SLIM XS**  
XS SLIM HANDLE | POIGNÉE SLIM XS



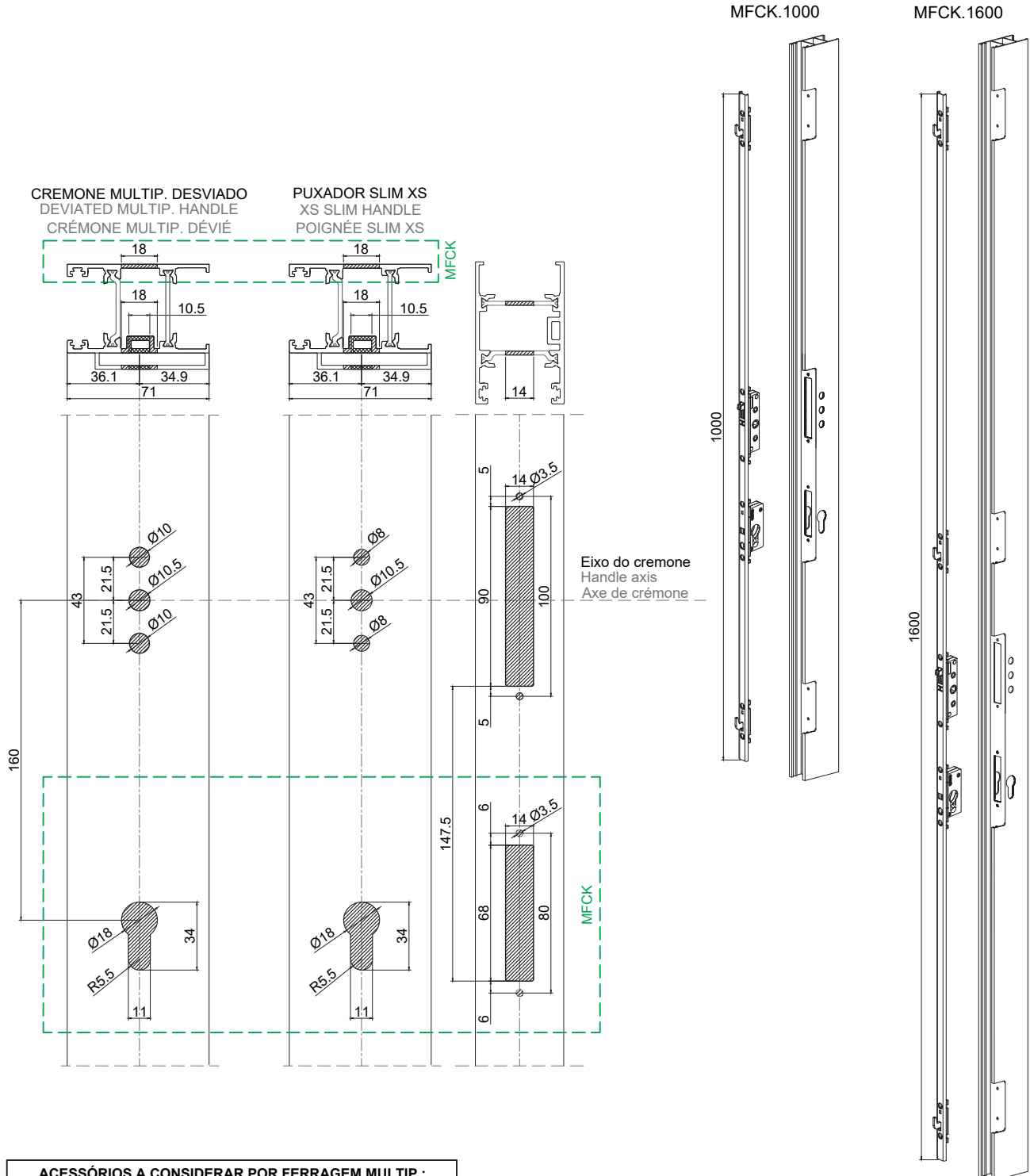
2



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**12 - Ferragem Multiponto MFCK ALU.**  
ALU MFCK Multipoint Hardware.  
Serrure Multipoint MFCK ALU.

**12.2 - Medidas e maquinações.**  
Measures and machining.  
Mesures et usinages.

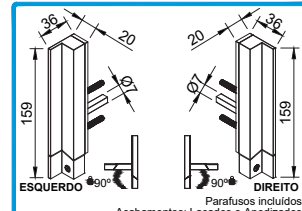
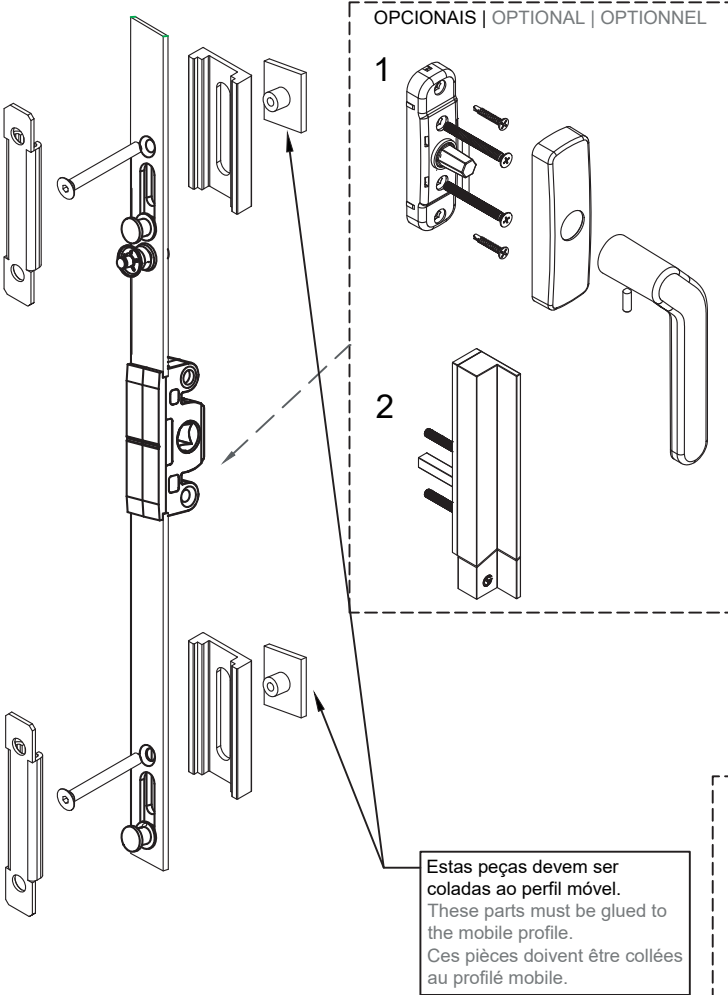


ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.:		
ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE:		
ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:		
Ref.	MFCK.1000 (2P)	MFCK.1600 (3P)
200817   200819 200959   200939	1	1
212371	8	10
202085	2	3

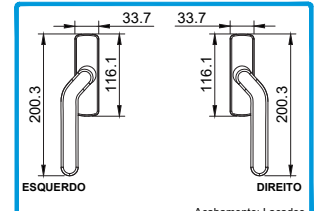
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**13 - Ferragem Multiponto SOS.**  
SOS Multipoint Hardware.  
Serrure Multipoint SOS.

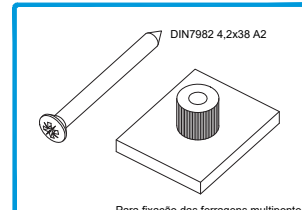
**13.1 - Esquema de aplicação.**  
Application scheme.  
Schéma d'application.



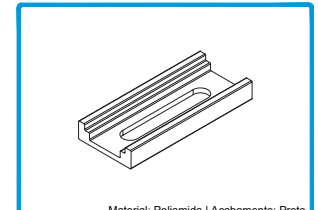
200817 PUXADOR SLIM XS (Direito)  
200819 PUXADOR SLIM XS (Esquerdo)



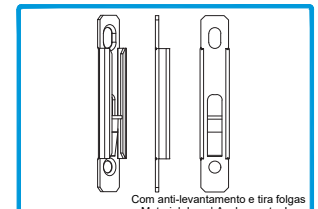
200959 CREMONE MULT. DESVIADO DIR  
200939 CREMONE MULT. DESVIADO ESQ



212371 CONJ. FIXAÇÃO

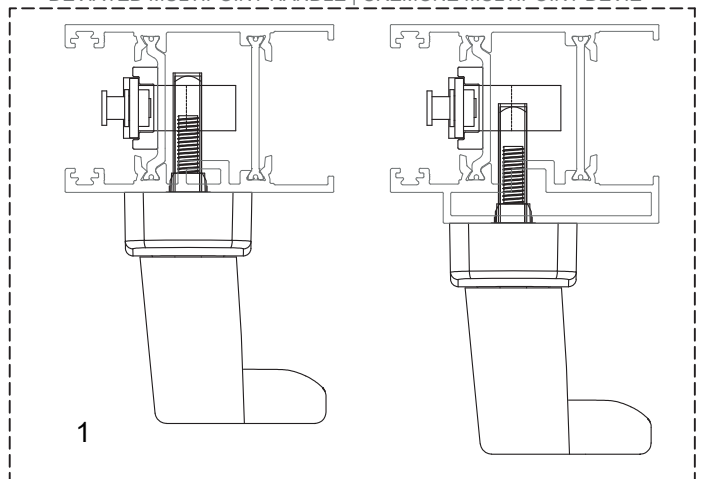


218198 CALÇO P/ MULTIPONTO SOS JT

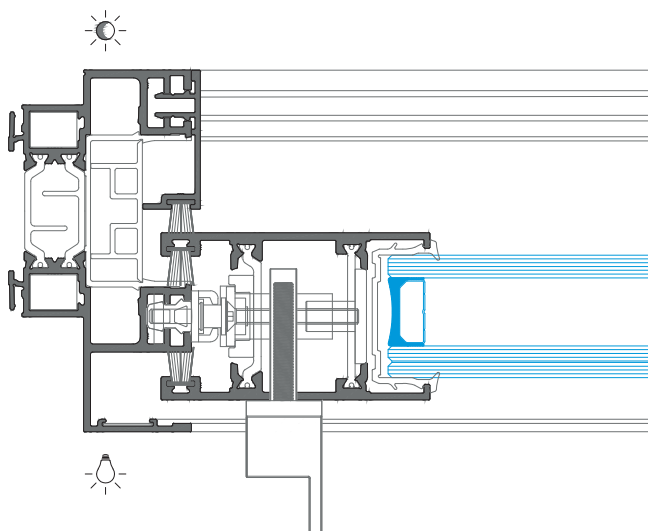
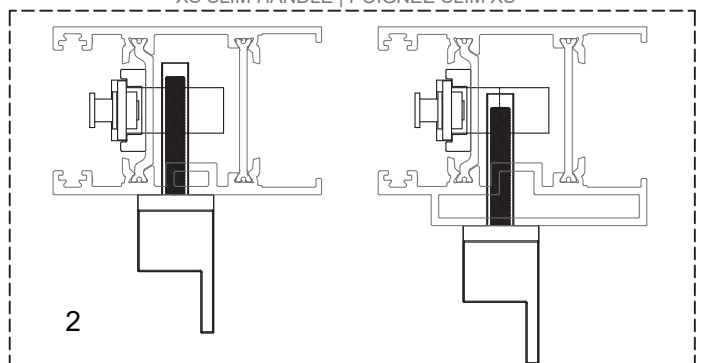


202491 CONTRA-FECHO ANTI-LEVANT. MULT.

**CREMONE MULTIPONTO DESVIADO**  
DEVIATED MULTIPOINT HANDLE | CRÉMONE MULTIPOINT DÉVIÉ



**PUXADOR SLIM XS**  
XS SLIM HANDLE | POIGNÉE SLIM XS



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**13 - Ferragem Multiponto SOS.**  
SOS Multipoint Hardware.  
Serrure Multipoint SOS.

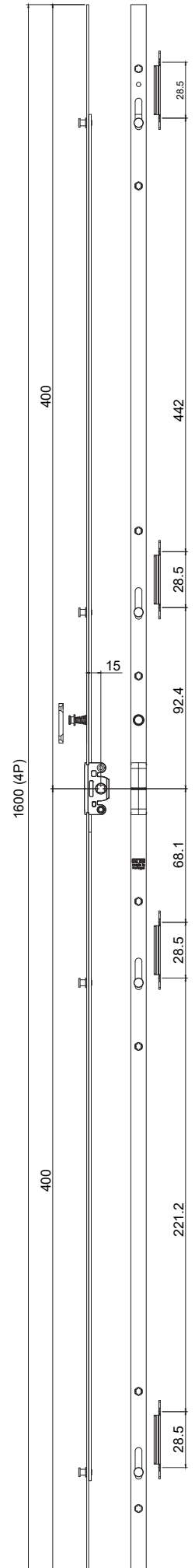
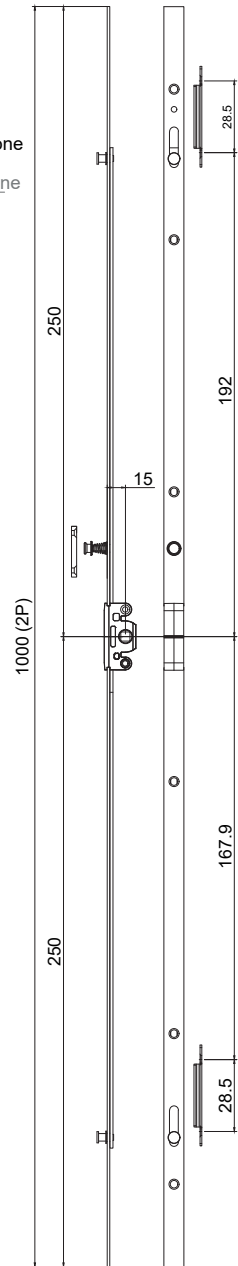
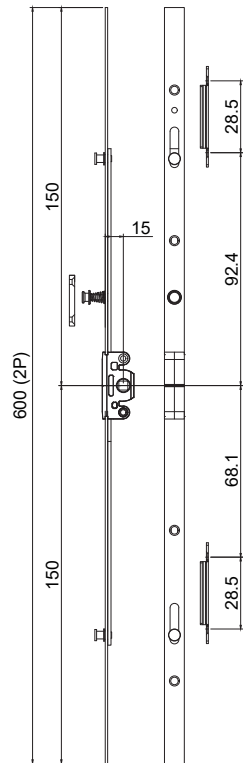
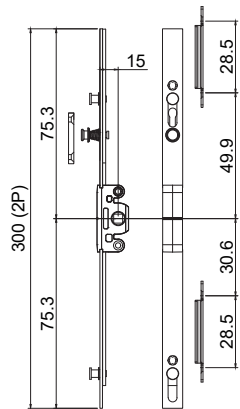
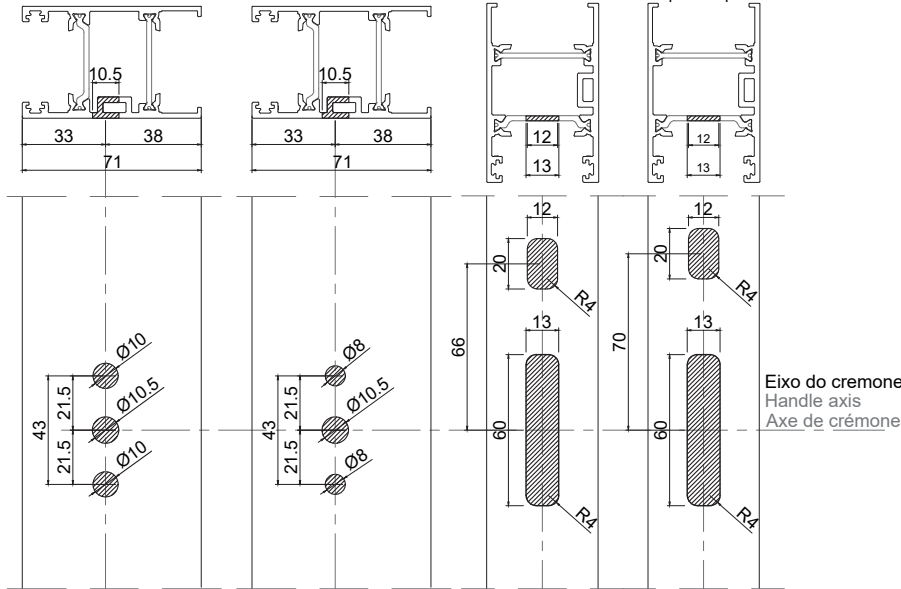
**13.2 - Medidas e maquinações.**  
Measures and machining.  
Mesures et usinages.

CREM. MULTIP. DESVIADO  
DEVIATED MULTIP. HANDLE  
CRÉMONE MULTIP. DÉVIÉ

PUXADOR SLIM XS  
XS SLIM HANDLE  
POIGNÉE SLIM XS

FERRAGEM  
HARDWARE  
SERRURE  
300

FERRAGEM  
HARDWARE  
SERRURE  
600 | 1000 | 1600



ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.: ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE: ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:				
Ref.	300 (2P)	600 (2P)	1000 (2P)	1600 (4P)
200817   200819 200959   200939	1	1	1	1
218198	2	4	6	8
212371	2	4	6	8
202491	2	2	2	4

**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

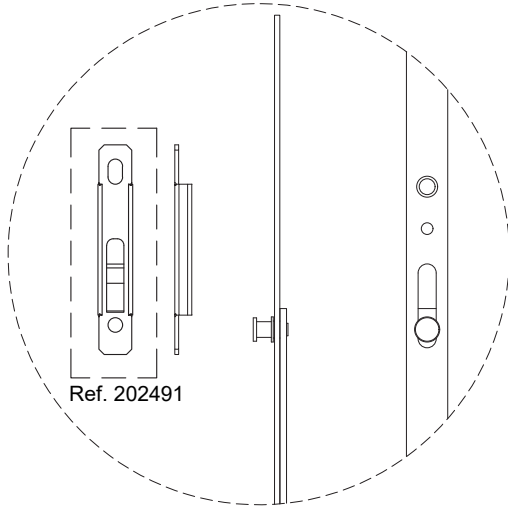
**13 - Ferragem Multiponto SOS.**

SOS Multipoint Hardware.  
Serrure Multipoint SOS.

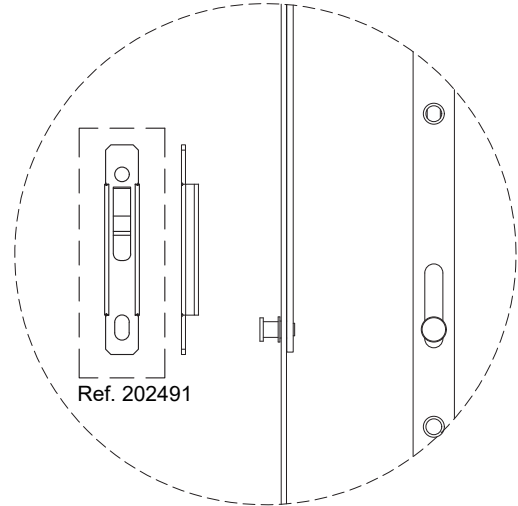
**13.3 - Caraterísticas dos pontos de fecho e batente anti-falsa manobra.**

Locking points and anti-false maneuver stopper characteristics.  
Caractéristiques des points de fermeture et arrêt anti-fausse manœuvre.

**PONTO DE FECHO SUPERIOR**  
TOP LOCKING POINT  
POINT DE VERROUILLAGE SUPÉRIEUR



**PONTO DE FECHO CENTRAL OU INFERIOR**  
CENTRAL OR BOTTOM LOCKING POINT  
POINT DE VERROUILLAGE CENTRAL OU INFÉRIEUR



**CONTRA-FECHO COM FUNÇÃO ANTI-LEVANTAMENTO**

(Rampa na zona inferior do contra-fecho)  
**LOCKING PLATE WITH ANTI-LEAF FUNCTION**

(Ramp in the lower zone of the locking plate)  
**CONTRE-FERMETURE AVEC FONCTION ANTI-LIFTING**  
(Rampe en bas de la contre-serrure)

**CONTRA-FECHOS SEM FUNÇÃO DE ANTI-LEVANTAMENTO**

(Rampas nas zonas superiores dos contra-fechos)  
**LOCKING PLATE WITHOUT ANTI-LEAF FUNCTION**

(Ramps in the lower zones of the locking plate)  
**FERMETURE SANS FONCTION ANTI-LEVAGE**  
(Rampes dans les zones supérieures des casiers)

Anti-falsa manobra de extração simples com a utilização de um alicate.

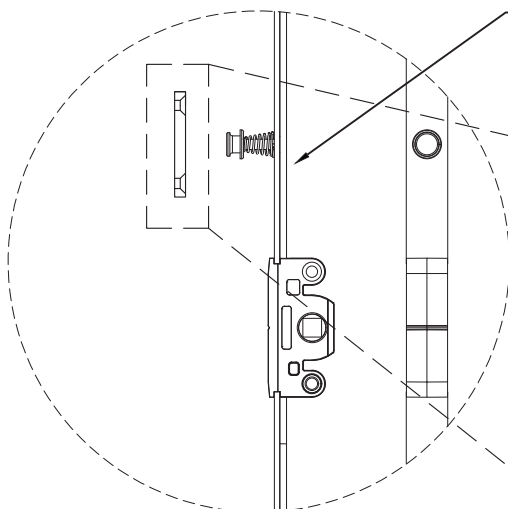
Evita-se duplicação de stock.

Simple extraction anti-false maneuver with the use of a pliers.

It avoids duplication of stock.

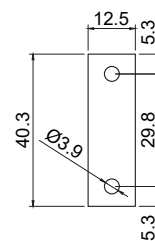
Manœuvre d'extraction simple anti-fausse avec l'utilisation de pinces.

La duplication du stock est évitée.



**BATENTE DE ANTI-FALSA MANOBRA**

ANTI-FALSE MANEUVER STOPPER  
BOUCHON DE MANŒVRE ANTI-FAUX



Material: PVC Rígido

Material: Rigid PVC

Matériel: PVC rigide

Acabamento: Preto

Finishing: Black

Finition: Noir

Fixar com paraf. auto-roscante

Secure with self-tapping screws

Fixer avec vis autotaraudeuse

**APLICAÇÃO DO BATENTE P/ MECANISMO ANTI-FALSA MANOBRA**

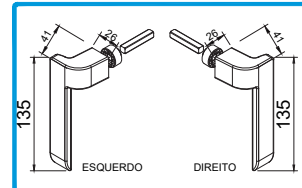
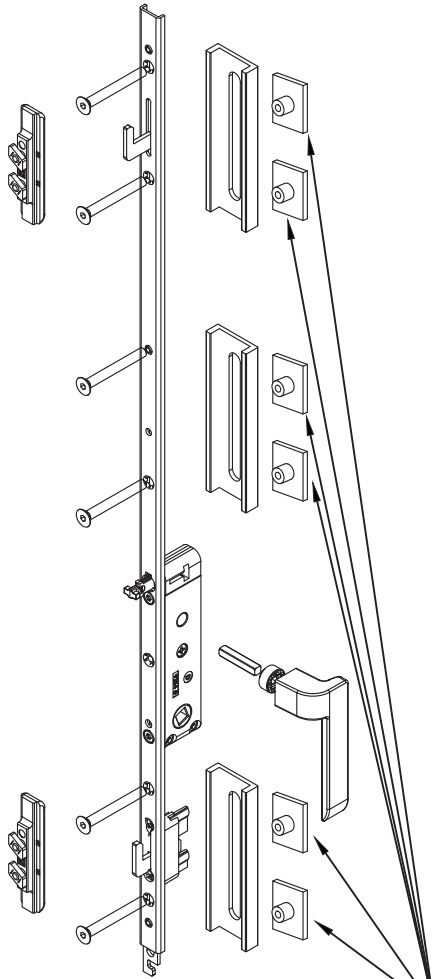
**STOPPER APPLICATION FOR ANTI-FALSE MANEUVERING MECHANISM**  
**DEMANDE DE BOUCHON POUR MÉCANISME DE MANŒVRE ANTI-FAUX**  
(Este acessório é entregue com a ferragem e deverá ser aplicado no aro fixo para evitar danos nos perfis aquando do fecho da folha móvel)

(This accessory is delivered with the hardware and should be applied in the fixed frame in order to prevent damage the profiles when closing the mobile leaf)  
(Cet accessoire est livré avec le matériel et doit être appliqué dans le cadre fixe afin d'éviter d'endommager les profilés lors de la fermeture du vantail mobile)

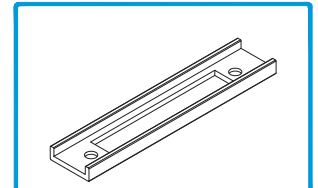
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**14 - Ferragem Multiponto SOT.**  
SOT Multipoint Hardware.  
Serrure Multipoint SOT.

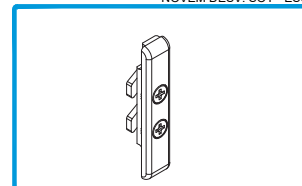
**14.1 - Esquema de aplicação.**  
Application scheme.  
Schéma d'application.



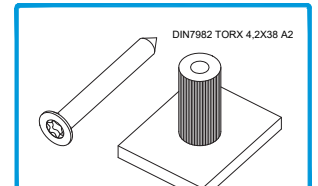
Compatível com ferragem multip. Chronos Evo  
Acabamentos: Lacados  
200238 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - DIR  
200239 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - ESQ



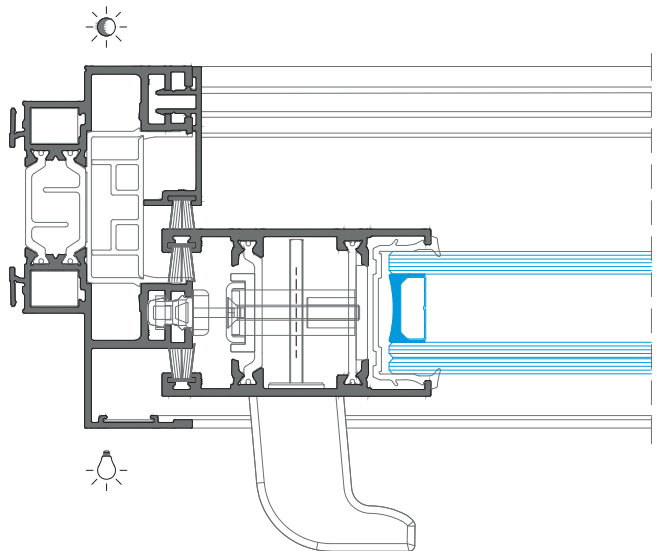
Material: Poliamida | Acabamento: Preto  
218197 CALÇO P1 MULTIPONTO SOT JT



Material: Zamak | Acabamento: Prata  
202492 CONTRA-FECHO SOT



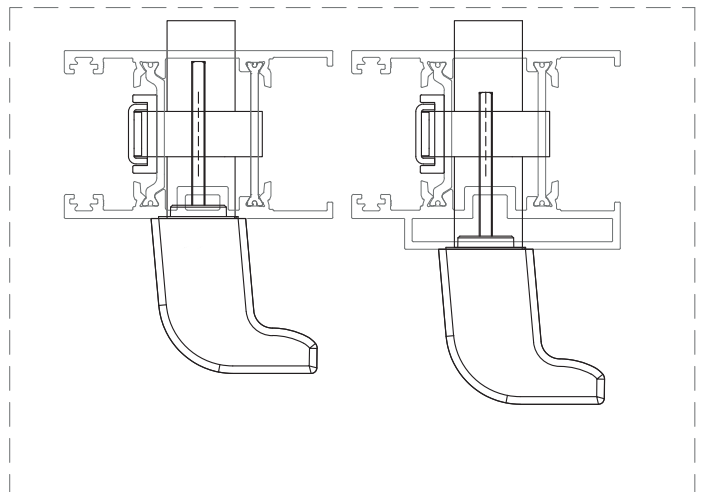
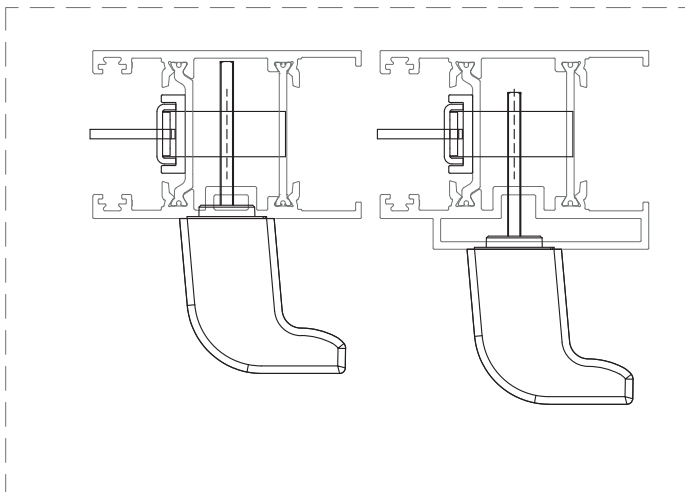
Para fixação das ferragens multipointo  
212371 CONJ. FIXAÇÃO JT



Estas peças devem ser coladas ao perfil móvel.  
These parts must be glued to the mobile profile.  
Ces pièces doivent être collées au profilé mobile.

**ESQUEMA FERRAGEM MULTIPONTO SEM CILINDRO**  
MULTIPOINT HARDWARE SCHEME WITHOUT CYLINDER  
SCHÉMA DE SERRURE MULTIPONTO SANS CYLINDRE

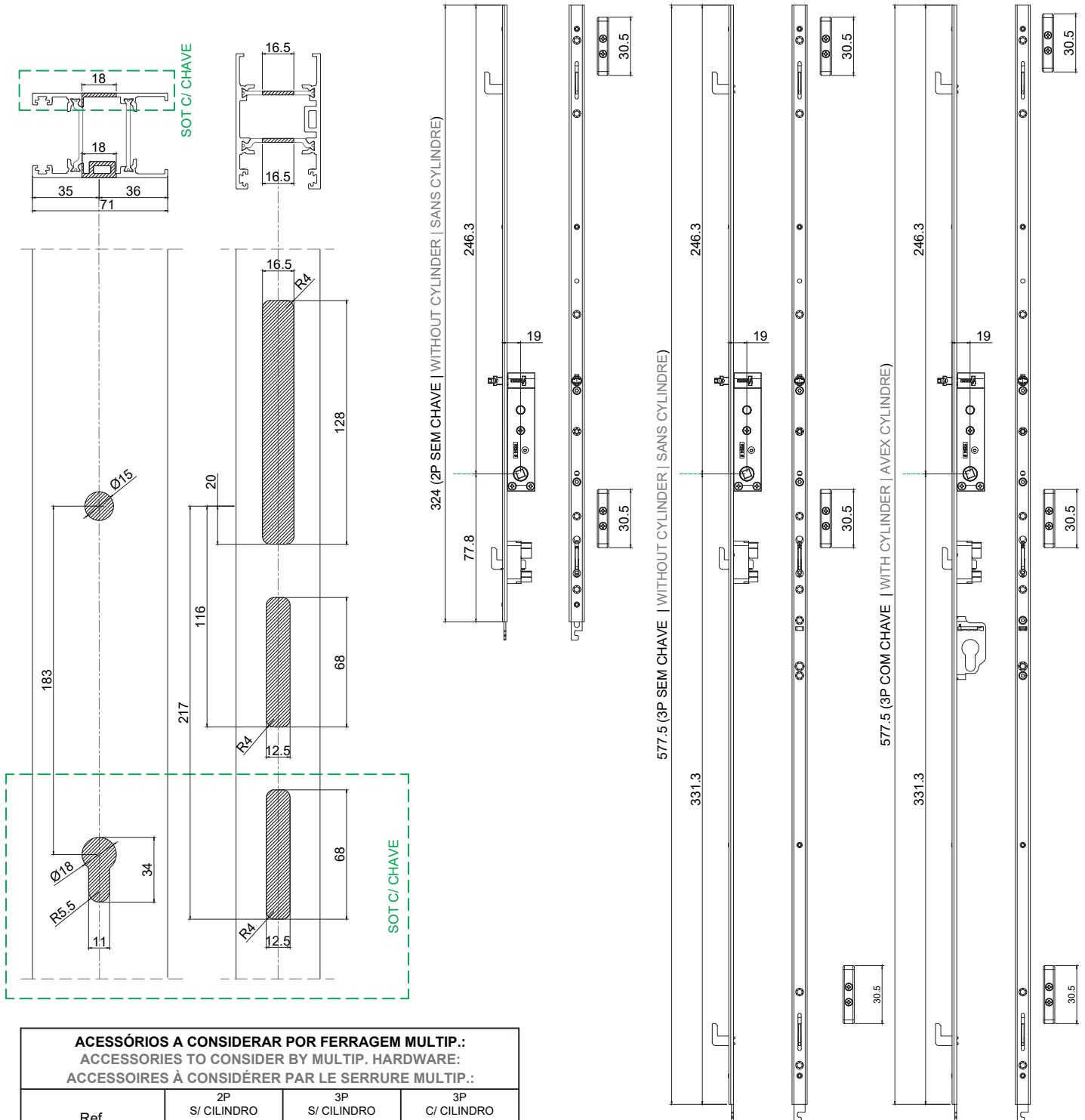
**ESQUEMA FERRAGEM MULTIPONTO COM CILINDRO**  
MULTIPOINT HARDWARE SCHEME WITH CYLINDER  
SCHÉMA DE SERRURE MULTIPONTO AVEC CYLINDRE



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

**14 - Ferragem Multiponto SOT.**  
SOT Multipoint Hardware.  
Serrure Multipoint SOT.

**14.2 - Medidas e maquinações.**  
Measures and machining.  
Mesures et usinages.



**ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.:**  
**ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE:**  
**ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:**

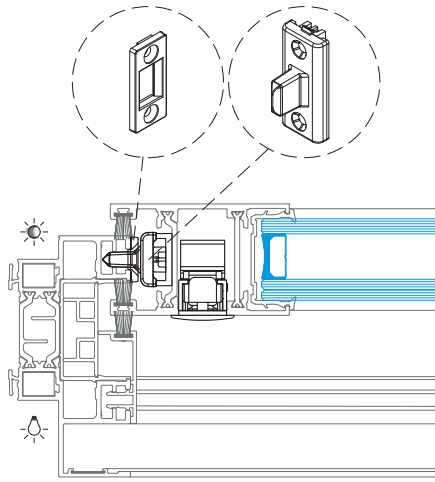
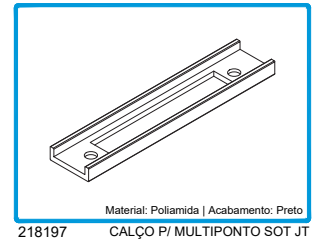
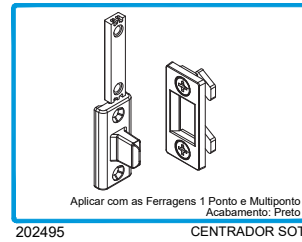
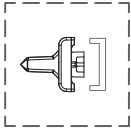
Ref.	2P S/ CILINDRO WITHOUT CYLINDER SANS CYLINDRE	3P S/ CILINDRO WITHOUT CYLINDER SANS CYLINDRE	3P C/ CILINDRO WITH CYLINDER AVEC CYLINDRE
200238   2008239	1	1	1
218197	3	5	5
212371	5	10	10
202492	2	3	3



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

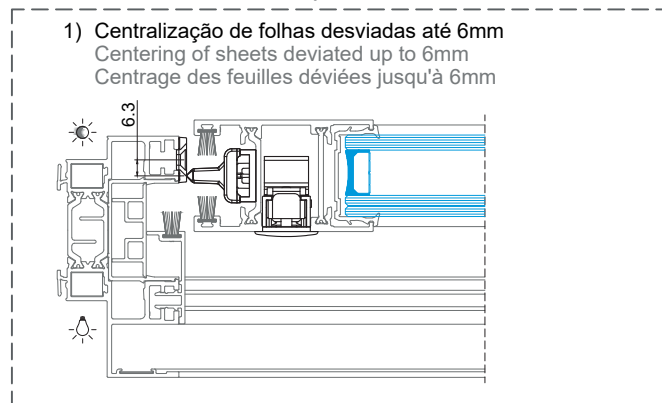
**15 - Aplicação do centrador SOT.**  
SOT centering application.  
Application de centrage SOT.

**15.1 - Janela de correr com fecho 1 ponto.**  
Sliding window with 1 locking point.  
Fenêtre coulissant avec serrure 1 point.

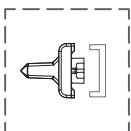


**SITUAÇÕES QUE CORRIGE**  
CORRECTING SITUATIONS | CORRECTION DES SITUATIONS

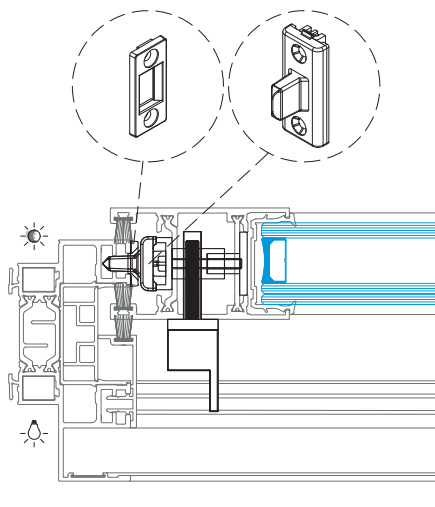
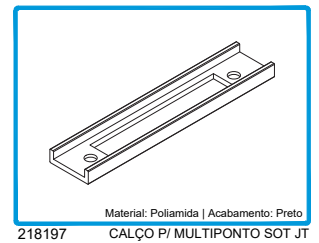
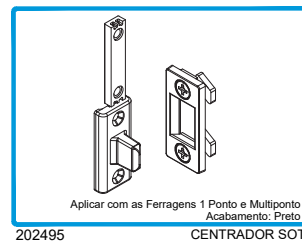
1) Centralização de folhas desviadas até 6mm  
Centering of sheets deviated up to 6mm  
Centrage des feuilles déviées jusqu'à 6mm



**15.2 - Janela de correr com fecho multipontos SOS, MFE ou MFCK.**  
Sliding window with SOS, MFE or MFCK multipoint locking point.  
Fenêtre coulissant avec serrure multipoint SOS, MFE ou MFCK.

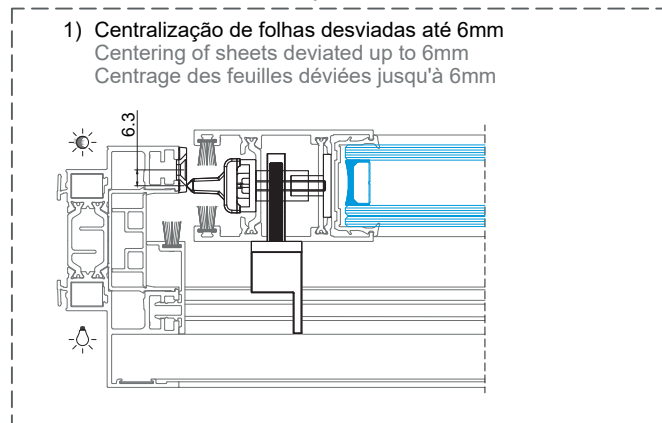


**Aplicação de centrador fora do multiponto**  
Applied outside multipoint  
Application aux extrémités du multipoint



**SITUAÇÕES QUE CORRIGE**  
CORRECTING SITUATIONS | CORRECTION DES SITUATIONS

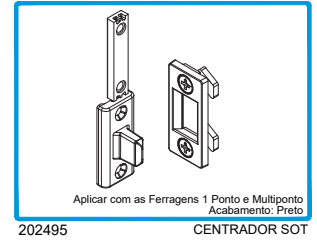
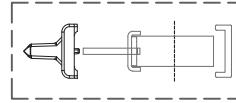
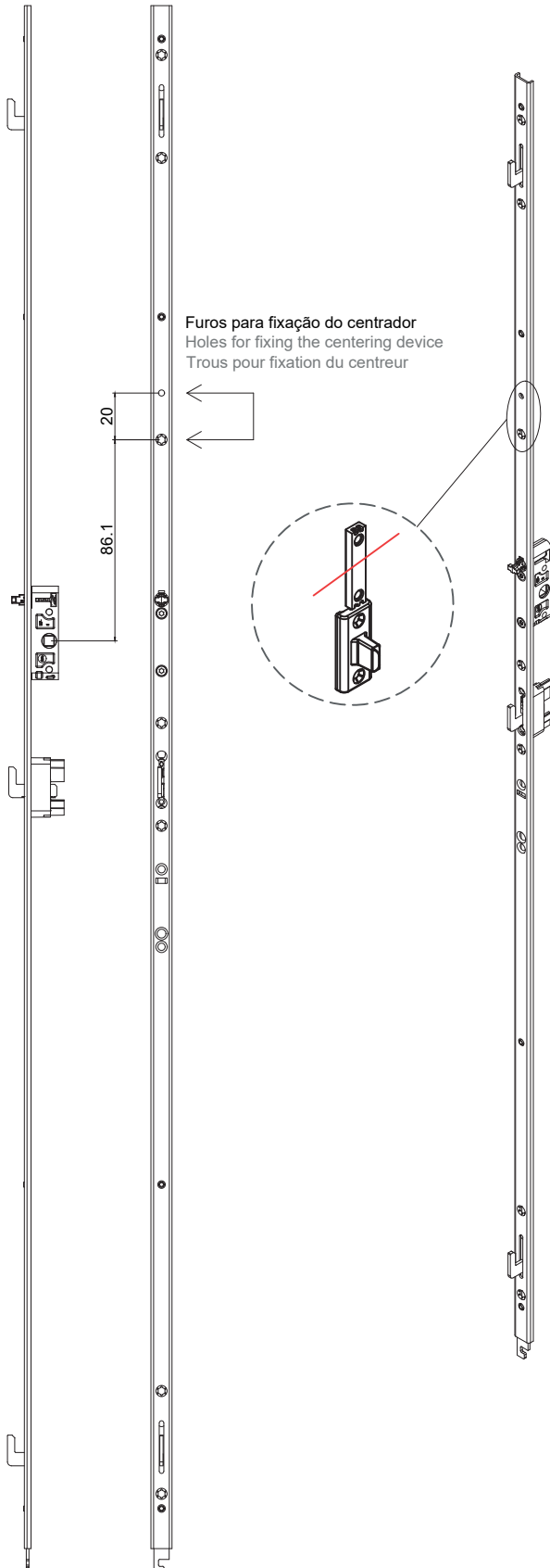
1) Centralização de folhas desviadas até 6mm  
Centering of sheets deviated up to 6mm  
Centrage des feuilles déviées jusqu'à 6mm



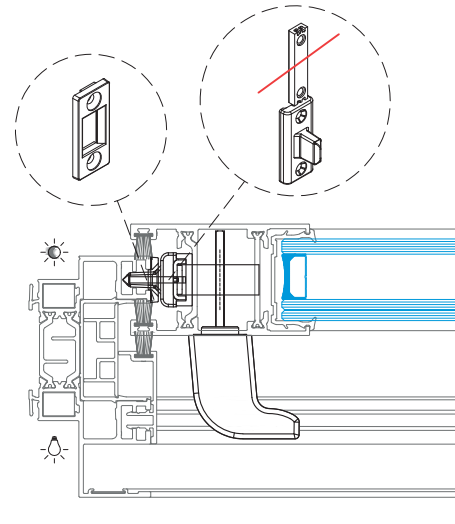
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

15 - Aplicação do centrador SOT.  
SOT centering application.  
Application de centrage SOT.

15.3 - Janela de correr com fecho multipontos SOT.  
Sliding window with SOT multipoint locking point.  
Fenêtre coulissant avec serrure multipoint SOT.

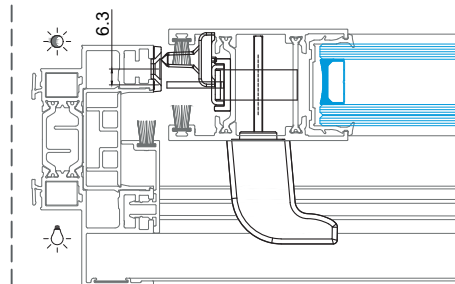


Na situação de 1 ponto de fecho, o centrador pode ser colocado em qualquer altura do perfil lateral.  
In 1 locking point situations, the centerer can be placed at any height of the lateral profile.  
Dans le cas de 1 point de fermeture, le centreur peut être placé à n'importe quelle hauteur du profilé latéral.



**SITUAÇÕES QUE CORRIGE**  
CORRECTING SITUATIONS  
CORRECTION DES SITUATIONS

- 1) Centralização de folhas desviadas até 6mm  
Centering of sheets deviated up to 6mm  
Centrage des feuilles déviées jusqu'à 6 mm



**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

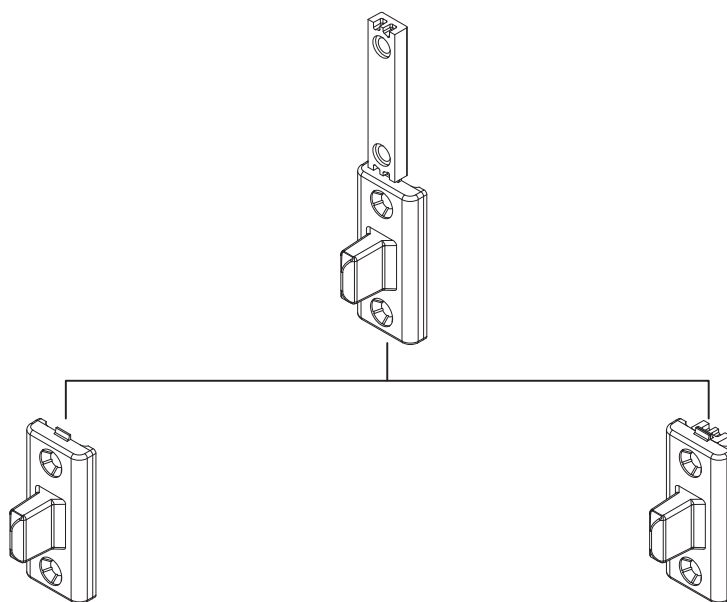
**15 - Aplicação do centrador SOT.**  
SOT centering application.  
Application de centrage SOT.

**15.4 - Número de centradores a aplicar.**  
Number of concentrators to be applied.  
Nombre de concentrateurs à appliquer.

	EXPOSIÇÃO 1 EXPOSURE 1   EXPOSITION 1		EXPOSIÇÃO 2 EXPOSURE 2   EXPOSITION 2	
	COR COLOR   COULEUR		COR COLOR   COULEUR	
ALTURA HIGH   HAUTEUR	CLARO BRIGHT   CLAIRE	ESCURO DARK   FONCÉE	CLARO BRIGHT   CLAIRE	ESCURO DARK   FONCÉE
H≤1500	0	0	0	1
1500<H≤1750	0	1	1	2
1750<H≤2000	1	2	2	2
H>2000	2	2	2	2

**Exposição 1 = Norte, Noroeste, Nordeste**  
Exposure 1 = North, North-West, North-East  
Exposition 1 = Nord, Nord-Ouest, Nord-Est

**Exposição 2 = Sul, Sudeste, Sudoeste**  
Exposure 2 = South, South-East, South-West  
Exposition 2 = Sud, Sud-Est, Sud-Ouest



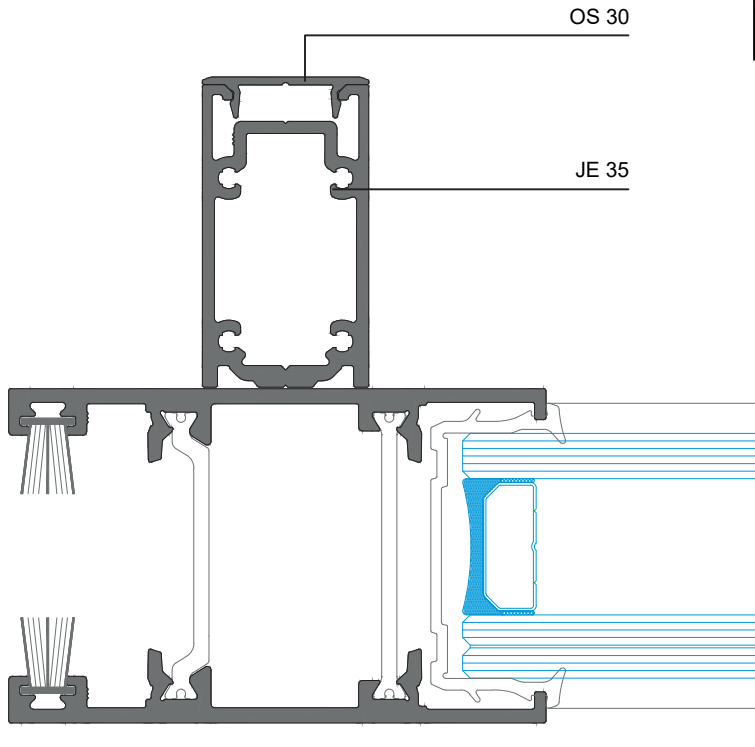
**APLICAÇÃO FORA DAS FERRAGENS SOT**  
APPLICATION OUTSIDE SOT HARDWARE  
APPLICATION HORS SERRURE SOT

**APLICAÇÃO DIRETA NA FERRAGEM SOT**  
DIRECT APPLICATION ON SOT HARDWARE  
APPLICATION DIRECTE SUR LE MATÉRIEL SOT

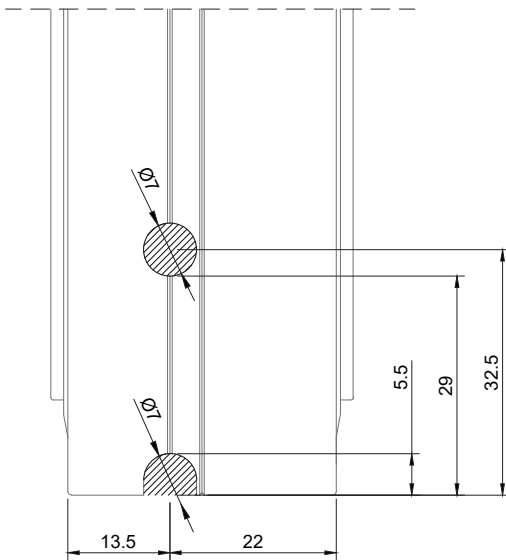
**MAQUINAÇÕES DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES MACHINING  
USINAGE DES PROFILÉS OUVRANT

16 - Medidas de corte do perfil de reforço JE 35.  
JT 35 reinforcement profile cutting measures.  
Mesures de coupe du profilé de renfort JE 35.

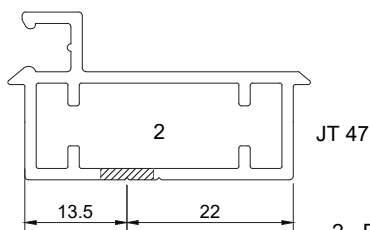
PERFIS   PROFILES   PROFILÉS					
CÓDIGO CODE   CODE	DESIGNAÇÃO DESIGNATION   NOMINATION	CORTE VERT.   VERTICAL CUT   COUPE VERTICALE			CORTE CUT   COUPE
		FR	PT	30mm	
JE 35	ARO FIXO FIXED FRAME   CADRE DORMANT	H-85	H-78	H-63	██████
OS 30	PERFIL CENTRAL CENTRAL PROFILE   PROFILÉ CENTRAL	H-85	H-78	H-63	██████
JT 61	PERFIL LATERAL LATERAL PROFILE   PROFILÉ LATÉRAL	H-81	H-74	H-59	██████



17 - Maquinação do perfil de mosquiteira JT 47.  
JT 47 Mosquito net profile machining.  
Usinage du profilé de mosquiteira JT 47.



Maquinação realizada no Cortante  
Machining performed on Punching tool  
Usinage réalisée dans l'Outil



2 - ESQUADRO | CORNER CLEAT | ÉQUERRE JT 11x20.5

# VI

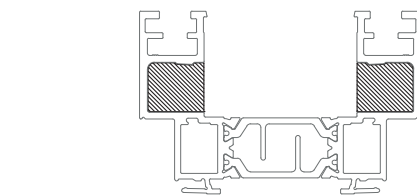
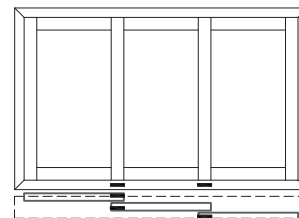
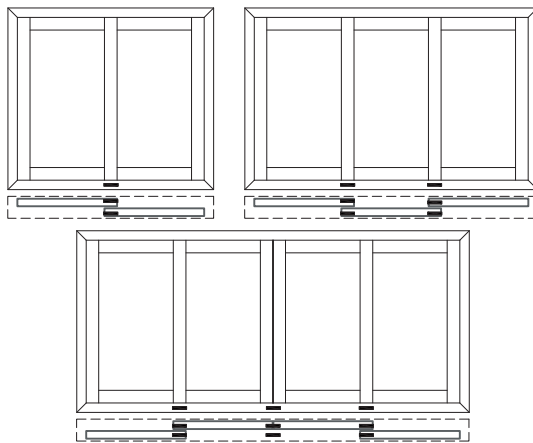
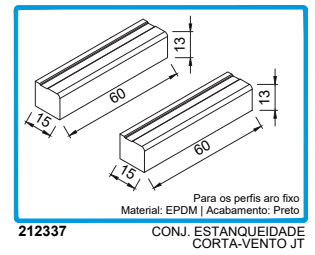
## MONTAGEM DOS PERFIS PROFILES ASSEMBLY | ASSEMBLAGE DES PROFILÉS

MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°) FR AND PT FIXED FRAME PROFILES ASSEMBLY (45° CUT) ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)	VI.1
MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°) FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT) ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)	VI.2
MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°) FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT) ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)	VI.3
MONTAGEM DE TIPOLOGIAS DE EMBUTIR HIDDEN SLIDING TYPOLOGIES ASSEMBLY ASSEMBLAGE DE TYPOLOGIES À GALANDAGE	VI.4
MONTAGEM DOS PERFIS ARO MÓVEL MOBILE FRAME PROFILES ASSEMBLY ASSEMBLAGE DES PROFILÉS OUVRANT	VI.5
MONTAGEM DE PERFIS DE CAPA COVER PROFILES ASSEMBLY ASSEMBLAGE DES PROFILÉS DE CAPOT	VI.6
MONTAGEM DO PERFIL DE REFOÇO/PUXADOR JE 35 + TAMPA OS 30 REINFORCEMENT PROFILE/HANDLE JE 35 + COVER OS 30 ASSEMBLY ASSEMBLAGE PROFILÉ DE RENFORCEMENT/POIGNÉE JE 35 + CAPOT OS 30	VI.7

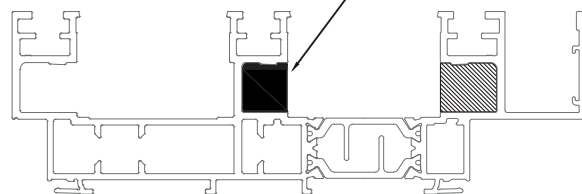
**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

**1 - Colocação do conjunto de estanqueidade para corta-vento nos aros fixos.**  
Central waterproofing pile seal kit placing in fixed frames.  
Mise en place du kit brosse centrale d'étanchéité pour les cadres dormants.

**1.1 - Colocar o conj. de estanqueidade no cruzamento das folhas onde posteriormente levará o perfil PVC U e os corta-ventos. Seguir este procedimento em todos os perfis de aro fixo FR e PT.**  
Place the central waterproofing pile seal kit at the intersection of the sashes where later the U PVC profile and the central gasket will be. **Follow this procedure in all fixed frame profiles FR and PT.**  
Placer le kit brosse centrale d'étanchéité à l'intersection des ventaux où prendront plus tard le profilé PVC U et les brosses centrales d'étanchéité. **Suivre cette procédure sur tous les profilés dormant FR et PT.**

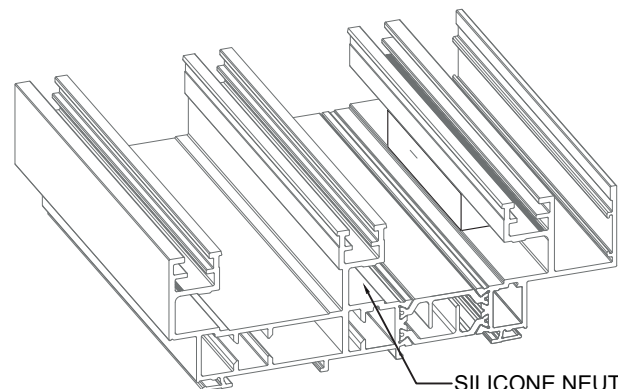
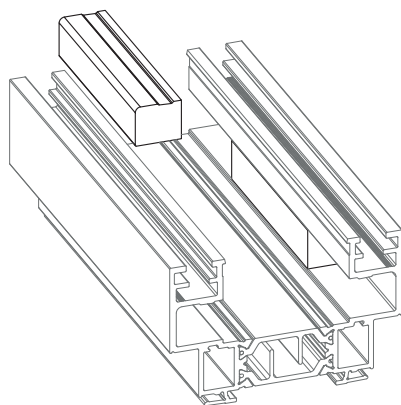


JT 01



JT 03

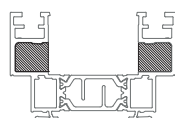
SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE



SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE



**1° Conj. estanqueidade**  
Waterproofing kit  
Kit d'étanchéité



**2° Perfil PVC U**  
PVC U Profile  
Profilé PVC U

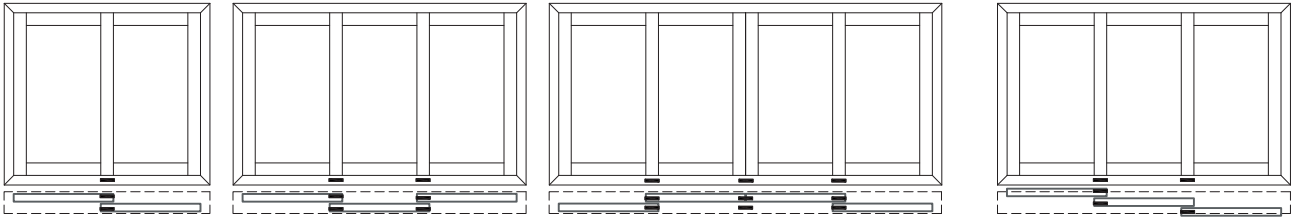


**3° Corta-vento**  
Central waterproofing pile seal  
Brosse centrale d'étanchéité

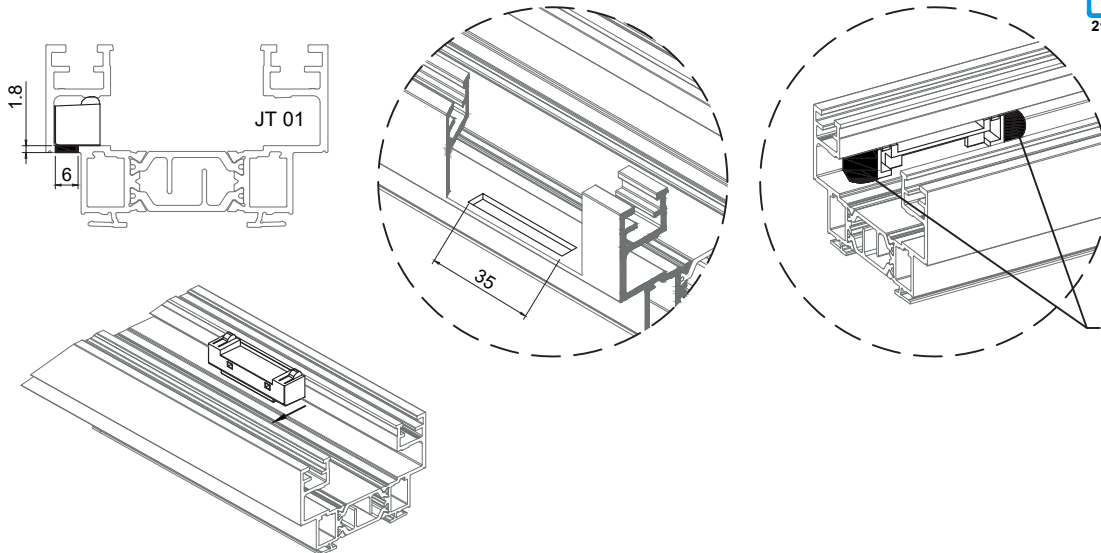
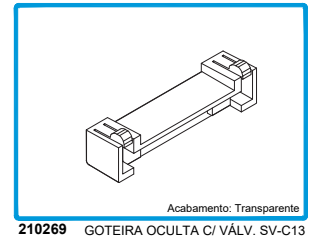


**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

**2 - Colocação de goteiras nos aros fixos.**  
Drips placing in fixed frames.  
Placement des clapets sur les cadres dormants.

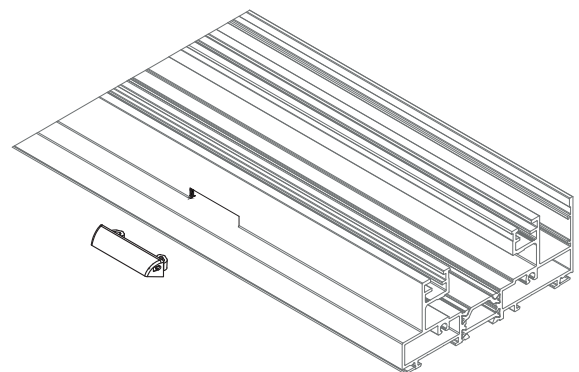
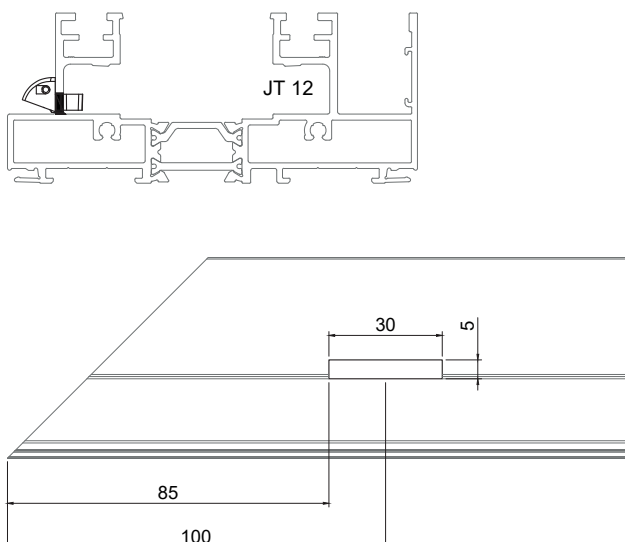
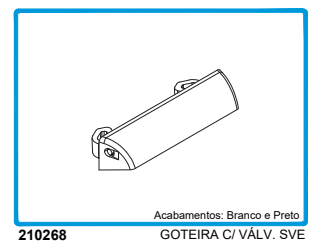


**2.1 - Colocar as goteiras ocultas antes do perfil PVC U e fixá-las com pontos de silicone nas extremidades. Seguir este procedimento em todos os perfis de aro fixo FR.**  
Place the hidden drips before the U PVC profile and fix them with silicone points at the edges. **Follow this procedure in all FR fixed frame profiles.**  
Placer les clapets à volet cachées avant le profilé PVC U et fixer-les avec des points de silicone aux extrémités. **Suivre cette procédure sur tous les profilés dormant FR.**



**SILICONE NEUTRO**  
NEUTRAL SILICONE  
SILICONE NEUTRE

**2.2 - Colocar as goteiras pelo exterior do perfil e fixá-las com pontos de cola. Seguir este procedimento em todos os perfis de aro fixo PT.**  
Place the drips from the outside of the profile and fix them with glue points. **Follow this procedure in all PT fixed frame profiles.**  
Placer les lapets à volet à l'extérieur du profilé et fizer-les avec des points de colle. **Suivre cette procédure sur ous les profilés dormant PT.**



**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**

FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

**3 - Colocação dos perfis PVC U nos aros fixos. Seguir este procedimento em todos os perfis de aro fixo FR e PT.**

U PVC profiles placing in fixed frames. **Follow this procedure in all fixed frame profiles FR and PT.**

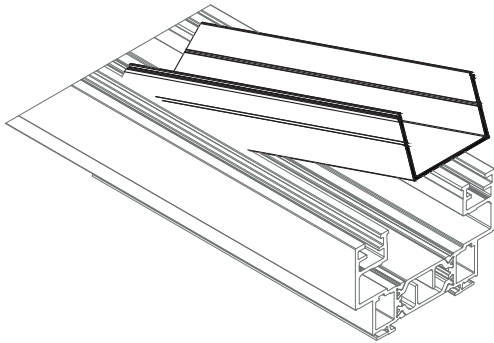
Mise en place des profilés PVC U sur les cadres dormants. **Suivre cette procédure sur tous les profilés dormant FR et PT.**

**PASSO | STEP | ÉTAPE 1:**

Colocar os perfis PVC inferior e superior.

Place the lower and upper PVC profiles.

Placer les profilés PVC inférieures et supérieures.

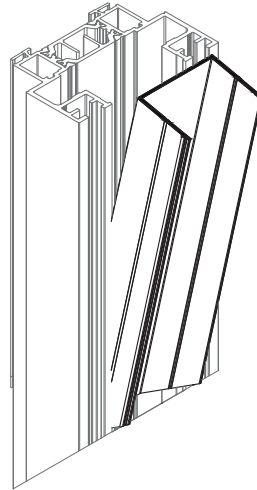


**PASSO | STEP | ÉTAPE 2:**

Colocar as alturas.

Place the heights.

Mettre les hauteurs.



**IMPORTANTE | IMPORTANT | IMPORTANT:**  
O conjunto de estanqueidade e as goteiras ocultas (no aro fixo FR) já deverão estar aplicadas na soleira antes desta operação.  
Central waterproofing pile seal kit and flap valve (in the FR fixed frame) must already be applied in the sill profile before this operation.  
Le kit brosse centrale d'étanchéité et les clapets à volet cachées (dans le cadre dormant FR) doivent déjà être appliqués sur le seuil avant cette opération.

**4 - Aplicação de silicone nos aros fixos.**

Silicone applying in fixed frames.

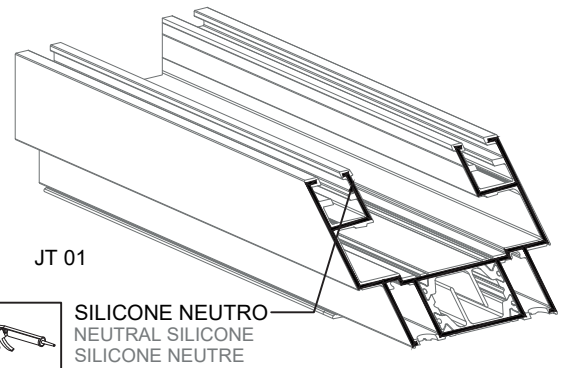
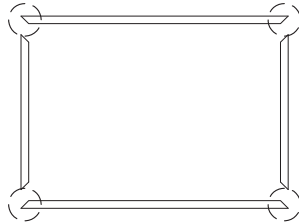
Application de silicone sur le cadre dormant.

**4.1 - Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.**

**Seguir este procedimento em todos os perfis de aro fixo FR e PT.**

Apply silicone in the same color as the profiles or neutral silicone in the frame's areas. **Follow this procedure in all fixed frame FR and PT profiles.**

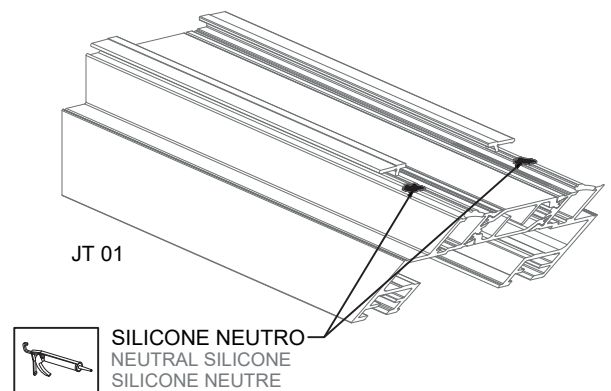
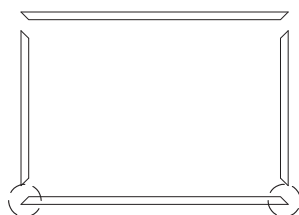
Appliquer du silicone sur la couler des profilés ou du silicone neutre dans la zone des cadres. **Suivre cette procédure sur tous les profilés dormant FR et PT.**



**4.2 - Antes de colocar os esquadros, encher as câmaras dos perfis fixos com silicone neutro, de modo a ficarem seladas. Seguir este procedimento em todos os perfis de aro fixo FR e PT, apenas na zona inferior do caixilho.**

Before placing the corner cleats, the fixed frame profiles chambers must be filled with neutral silicone, in order to be sealed. **Follow this procedure in all the fixed frame FR and PT profiles, only in the lower zone of the frame.**

Avant d'installer les équerres, les chambres des profilés dormants doivent être remplies de silicone neutre afin d'être scellées. **Suivre cette procédure sur tous les profilés dormant FR et PT, uniquement dans la zone inférieure du cadre.**

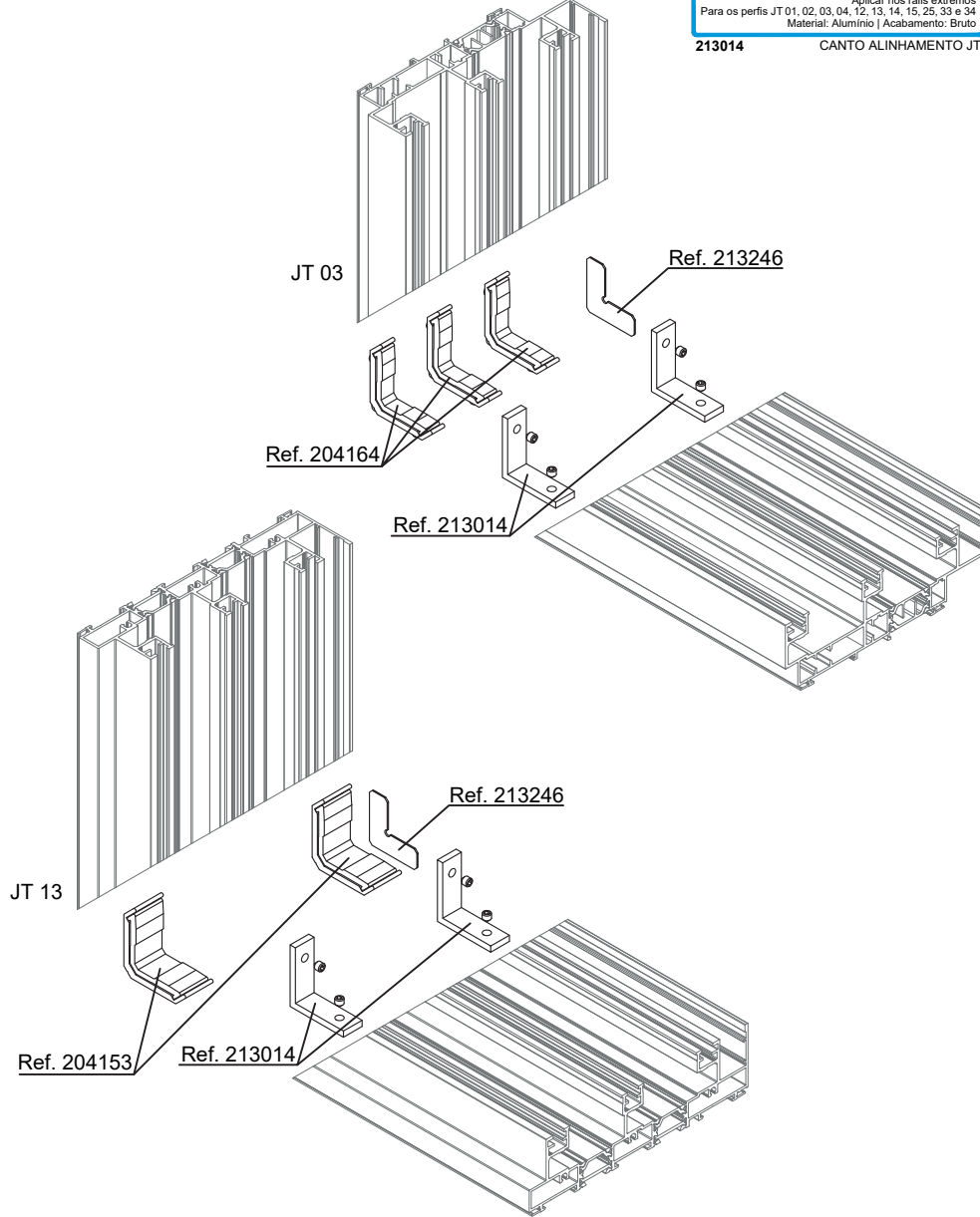
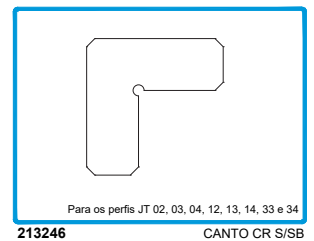
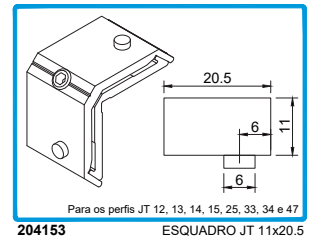
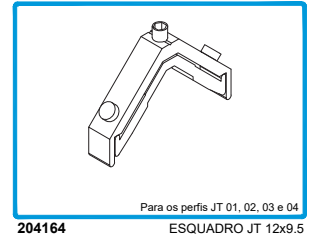
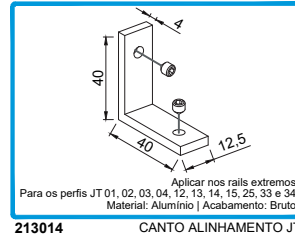




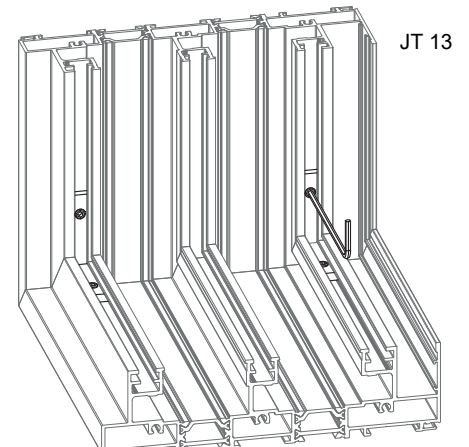
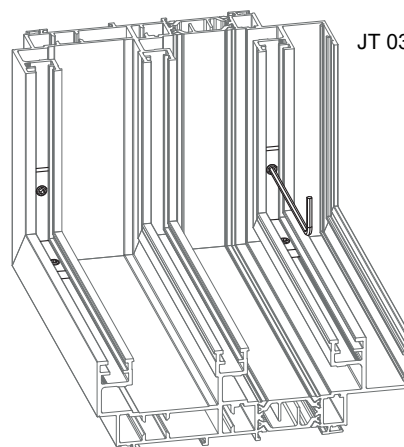
**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

5 - Aplicação de esquadros de aperto e cantos de alinhamento nos aros fixos.  
Corner cleats and the alignment corners applying in fixed frames.  
Application des équerres et les angles d'alignement sur le cadre dormant.

5.1 - Posicionamento de cada acessórios no respetivo local.  
Positioning of each accessory in the respective location.  
Positionnement de chaque accessoire dans l'emplacement respectif.



5.2 - Aperto dos pernos dos cantos de alinhamento.  
Tighten the alignment corner studs.  
Serrage des boulons des équerres d'alignement.



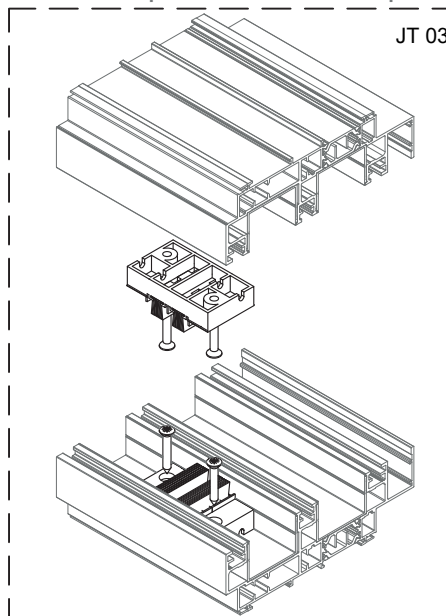
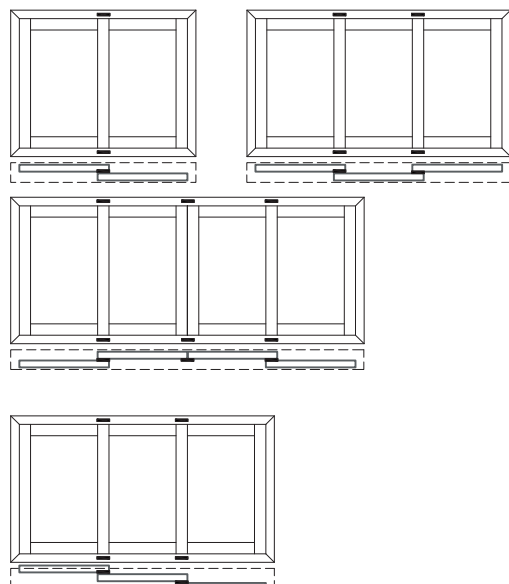
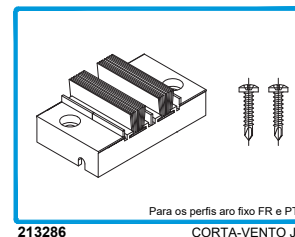
**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

**6 - Colocação dos corta-ventos nos aros fixos.**

Central waterproofing pile seal placing in fixed frames.  
Placement des brosses centrale d'étanchéité sur les cadres dormants.

Em primeiro colocar os corta-ventos na soleira. Os corta-ventos da padieira deverão ser colocados depois das folhas de correr já estarem aplicadas. **Seguir este procedimento em todos os perfis de aro fixo FR e PT.**

First place the lower central waterproofing pile seals on the sill. The lintel central waterproofing pile seals must be placed after the sliding sashes are already applied. Follow this procedure in all fixed frame FR and PT profiles.  
En premier placer les brosses centrale d'étanchéité sur le seuil. Les brosses centrale d'étanchéité sur le linteau doivent être placés après que les vantaux coulissant sont déjà appliquées. **Suivre cette procédure sur tous les profilés dormant FR et PT.**

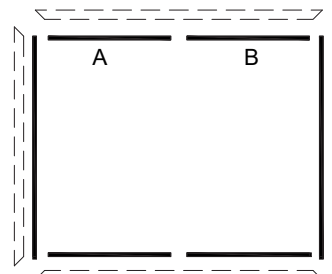


**7 - Colocação dos perfis PVC T nos aros fixos. Seguir este procedimento em todos os perfis de aro fixo FR e PT.**

T PVC profiles placing in fixed frames. Follow this procedure in all fixed frame profiles FR and PT.  
Mise en place des profilés PVC T sur les dormants. Suivre cette procédure sur tous les profilés dormant FR et PT.

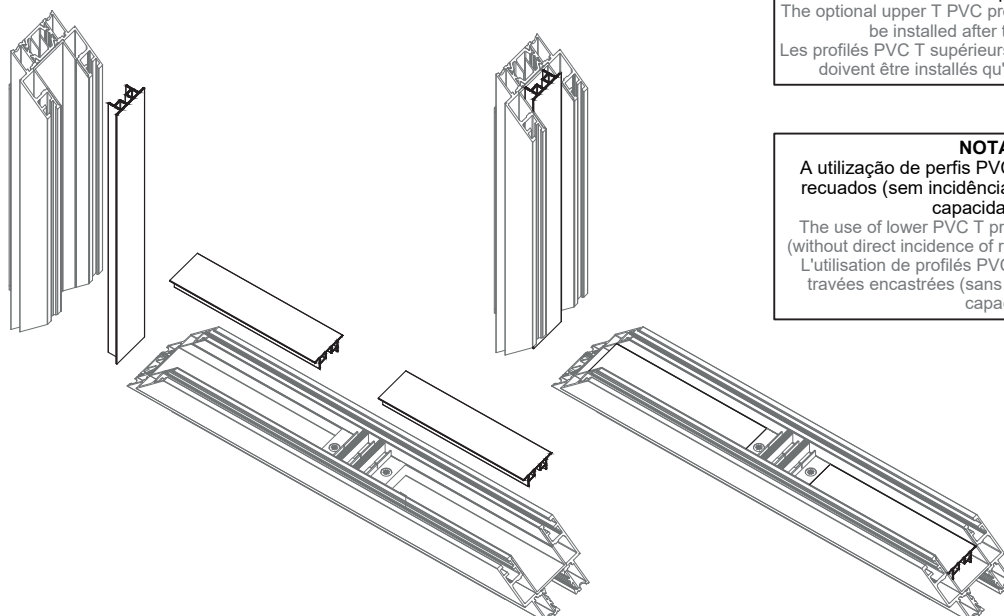
**7.1 - Os perfis PVC T verticais são aplicados numa única peça, enquanto que os horizontais são divididos em várias peças.**

Vertical T PVC profiles are applied in a single piece, while the horizontal ones are divided into several pieces.  
Les profilés PVC T verticaux sont appliqués en une seule pièce, tandis que les profilés horizontaux sont divisés en plusieurs pièces.



**7.2 - Colocar primeiro as alturas e só depois as larguras.**

Place the heights first and only then the widths  
Mettre d'abord les hauteurs, puis les largeurs.

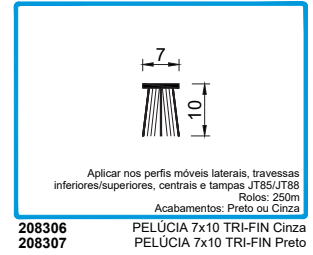
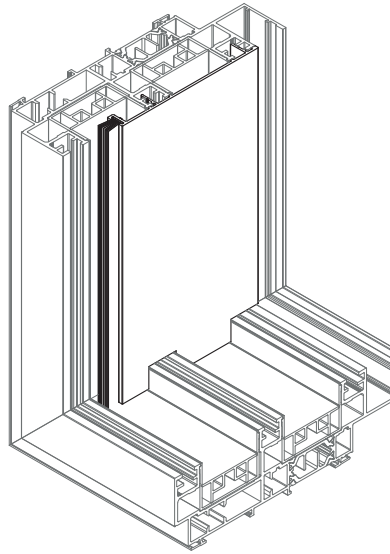
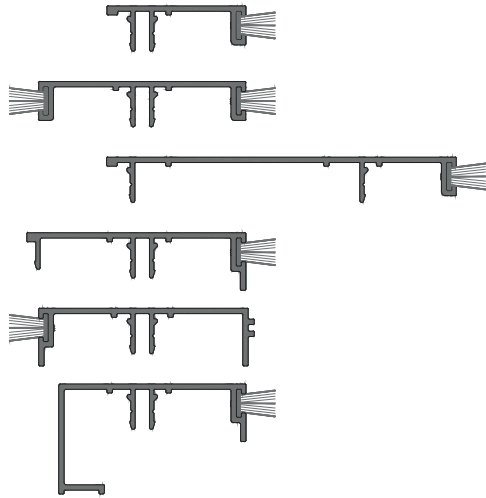


**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Os perfis PVC T superiores opcionais (A e B, no esquema acima) só deverão ser colocados depois das folhas de correr já estarem aplicadas.  
The optional upper T PVC profiles (A and B, in the scheme above) should only be installed after the sliding sashes are already applied.  
Les profilés PVC T supérieurs en option (A et B, dans le schéma ci-dessus) ne doivent être installés qu'après l'application des plaques coulissantes.

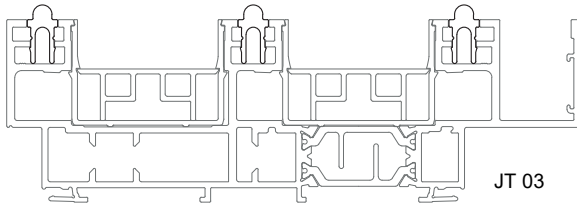
**NOTA | NOTE | REMARQUE:**  
A utilização de perfis PVC T inferiores é apenas aconselhada em vãos recuados (sem incidência direta da chuva), uma vez que diminuem a capacidade de escoamento de água.  
The use of lower PVC T profiles is only recommended in recessed frames (without direct incidence of rain), as they reduce the water drainage capacity.  
L'utilisation de profilés PVC T inférieurs n'est recommandée que dans les travées encastrées (sans incidence directe de pluie), car ils réduisent la capacité d'évacuation de l'eau.

**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

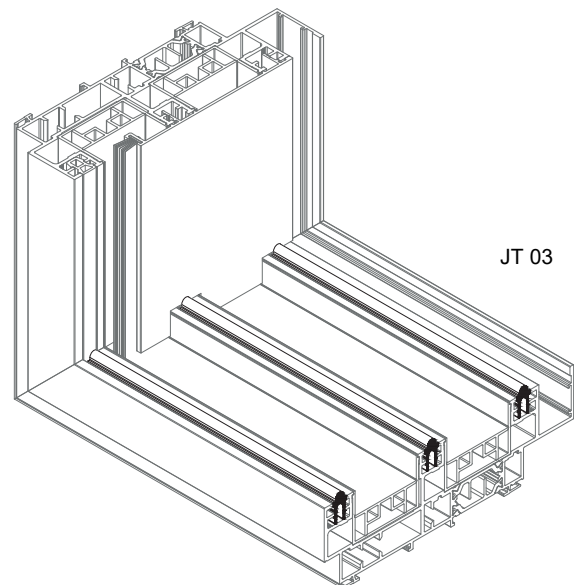
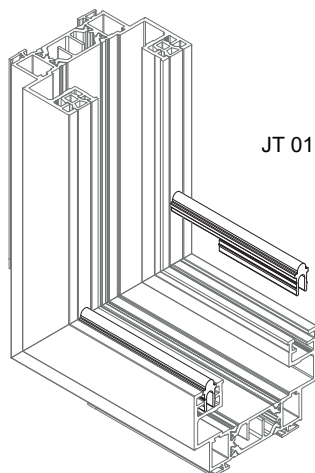
8 - Aplicação da pelúcia 7x10 Tri-Fin nos perfis de capa.  
7x10 Tri-Fin pile seal application to cover profiles.  
Application de la joint brosse 7x10 Tri-Fin sur les profilés de capot.



9 - Aplicação do perfil guia JT87 nas soleiras.  
Applying of JT87 rail profile in the sills.  
Appliquer le profilé de guide JT87 sur les seuils.



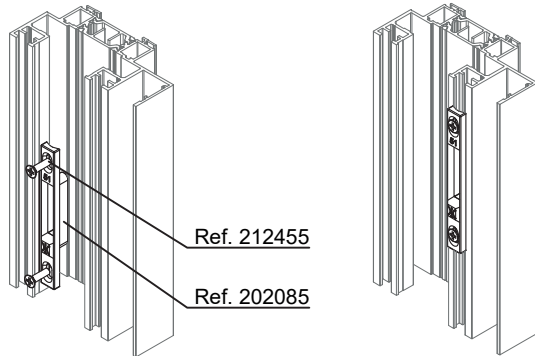
**NOTA | NOTE | REMARQUE:**  
Em perfis anodizados, a guia JT87 deverá ser aplicada com um cordão de silicone neutro.  
On anodised profiles the JT87 guide should be applied with a neutral silicone cord.  
Sur les profis anodisés, le guide JT87 doit être appliqué avec un cordon de silicone neutre.



**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

**10 - Aplicação frontal dos contra-fechos nos aros fixos.**

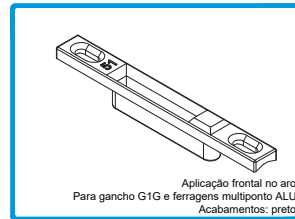
Locking plates frontal application in fixed frames.  
Application frontale des contre-fermetures sur les dormants.



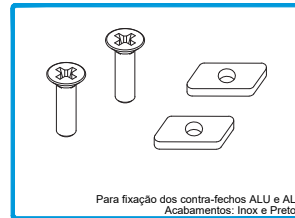
Ref. 212455

Ref. 202085

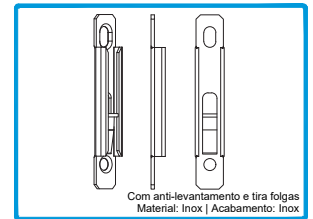
**FERRAGEM 1 PONTO/MULTIPONTO ALU**  
1 POINT/MULTIPOINT HARDWARE | SERRURE 1 POINT/MULTIPOINT



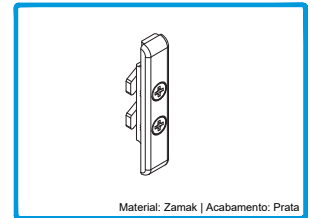
202085 CONTRA-FECHO 2070.870 (Preto)



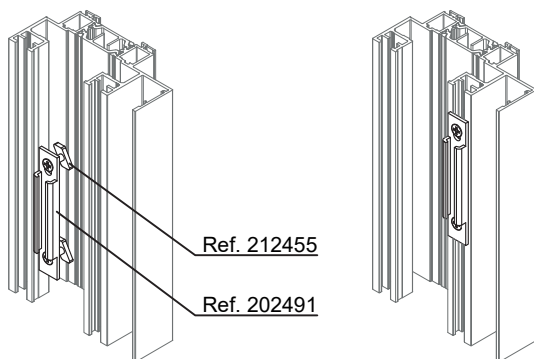
212455 CONJ. FIX. CONTRA-FECHO AL MULTIP. JT



202491 CONTRA-FECHO ANTI-LEVANT. MULT.



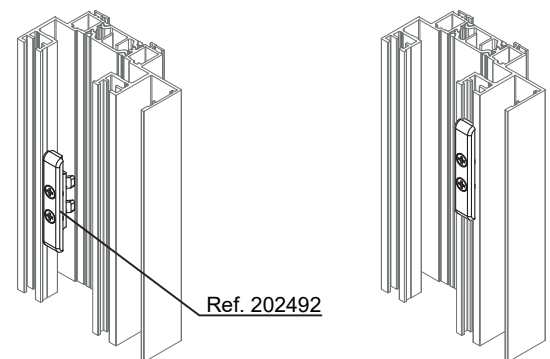
202492 CONTRA-FECHO SOT



Ref. 212455

Ref. 202491

**FERRAGEM MULTIPONTO SOS**  
MULTIPOINT HARDWARE | SERRURE MULTIPONTO



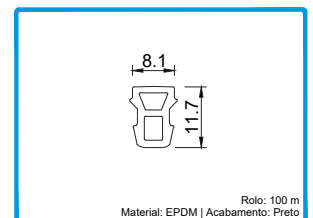
Ref. 202492

**FERRAGEM MULTIPONTO SOT**  
MULTIPOINT HARDWARE | SERRURE MULTIPONTO

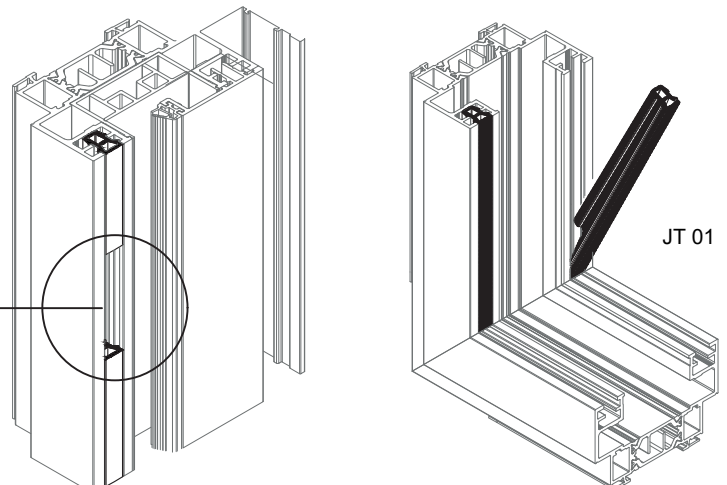
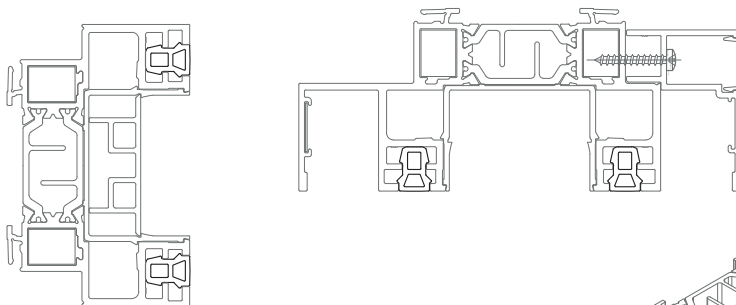
**11 - Aplicação da junta tapa canal 2116 nos aros fixos. Esta junta deverá ser aplicada na padieira e nas laterais.**

Nas zonas onde se localizarão os contra-fechos, a junta deverá ser interrompida.  
2116 channel cover joint applying in fixed frames. This joint must be applied in the lintel and the laterals. In the zones where the counter-locks will be located, the joint must be interrupted.

Application de la joint de couverture du canal 2116 sur les cadres dormants. Ce joint doit être appliqué sur le linteau et les côtés. Dans les zones où seront situées les contre-serrures, le joint doit être interrompu.



208348 JUNTA TAPA CANAL 2116 JT



**Zona de localização do contra-fecho** (a esta folga dever-se-à adicionar a altura de funcionamento do gancho, no caso da ferragem multiponto SOT)  
Locking plate location zone (to this gap must be added the working height of the hook, in the case of SOT multipoint hardware)

**Zone d'emplacement de contre-verrouillage** (la hauteur du crochet doit être ajoutée à cet espace, dans le cas du matériel multipoint SOT)

**IMPORTANTE | IMPORTANT | IMPORTANT:**

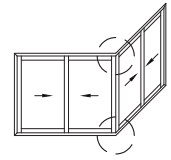
A zona de interrupção da junta deverá ser suficiente para permitir os movimentos do fecho multiponto SOT.

The joint interruption zone must be sufficient to allow the movements of the SOT multipoint lock.

La zone d'interruption de la joint doit être suffisante pour permettre les mouvements de la serrure multipoint SOT.

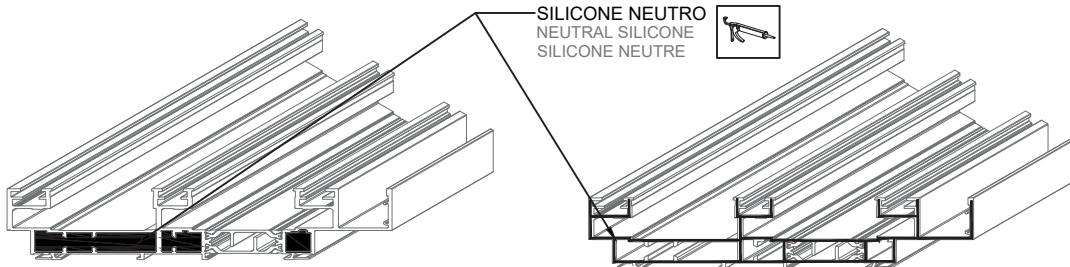
**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

12 - Montagem de aros fixos, em tipologias de canto 90°.  
Fixed frames assembly, in 90° corner typologies.  
Montage de cadres dormant, en types d'angle à 90°.



12.1 - Encher as câmaras com silicone e aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias. **Seguir este procedimento em todos os perfis de aros fixos.**  
Fill the chambers with silicone and apply silicone in the same color as the profiles or neutral silicone in the frame's areas. **Follow this procedure in all fixed frame profiles.**

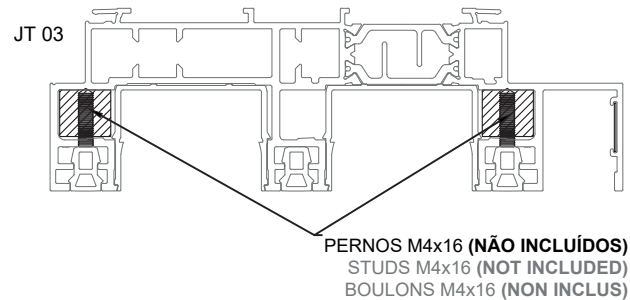
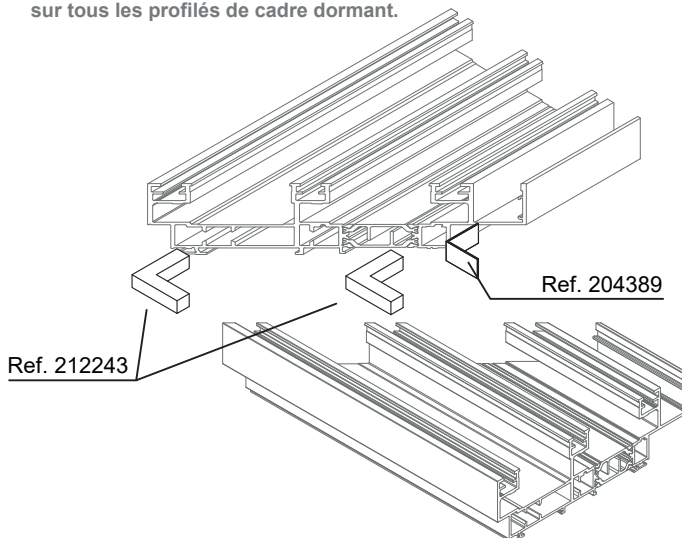
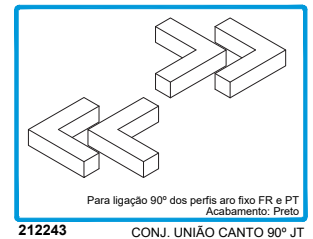
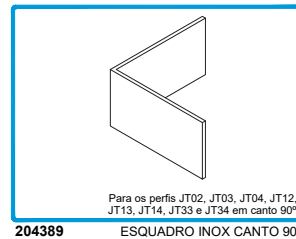
Remplir les chambres de silicone et appliquer du silicone sur la couleur du profil ou du silicone neutre dans la zone des cadres. **Suivre cette procédure sur tous les profilés de cadre dormant.**



12.2 - Colocar as peças que constituem o conjunto união e os esquadros inox canto 90° nos perfis e fixá-los com pernos M4x16. **Seguir este procedimento em todos os perfis de aros fixos.**

Place the 90° corner union kit pieces and corners in stainless steel and fix them with M4x16 studs. **Follow this procedure in all fixed frame profiles.**

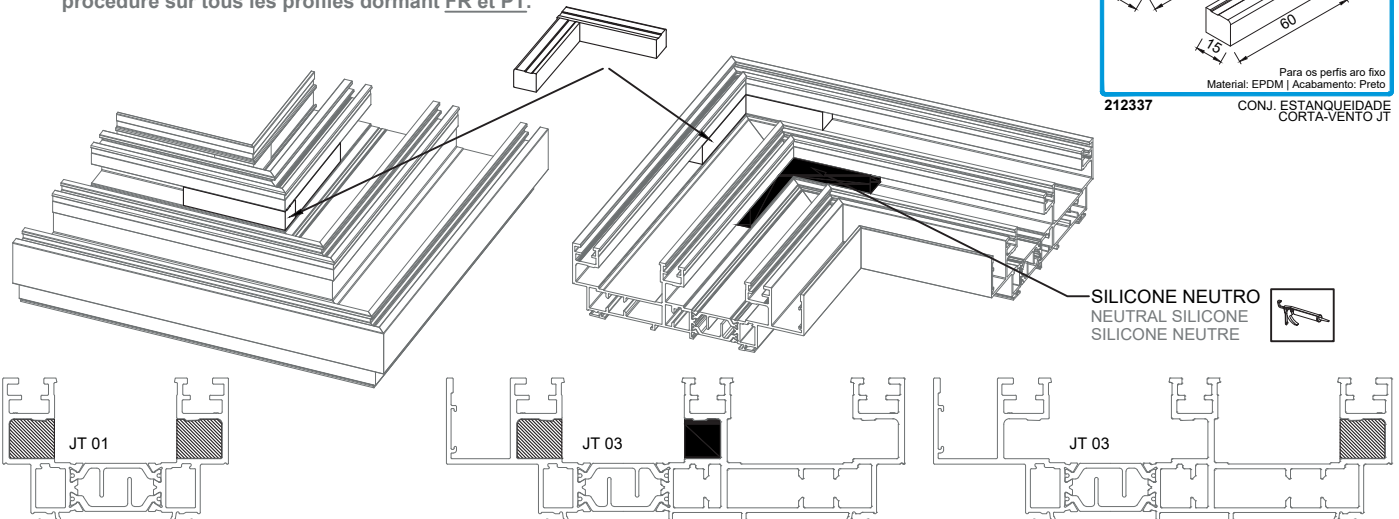
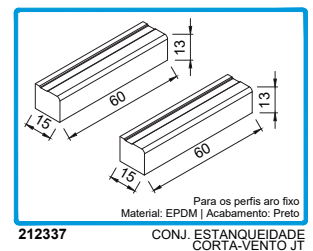
Placer les pièces qui composent le kit d'union et les angles en acier inox à 90° sur les profilés et fixer-les avec des boulons M4x16. **Suivre cette procédure sur tous les profilés de cadre dormant.**



12.3 - Aplicar os Conj. de estanqueidade na zona do corta-vento 90°. **Seguir este procedimento em todos os perfis de aro fixo FR e PT.**

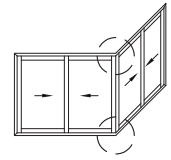
Apply the Central waterproofing pile seal kits in the 90° Central gasket area. **Follow this procedure in all fixed frame profiles FR and PT.**

Appliquer les Kits brosse centrale d'étanchéité dans la zone du brosse centrale d'étanchéité à 90°. **Suivre cette procédure sur tous les profilés dormant FR et PT.**

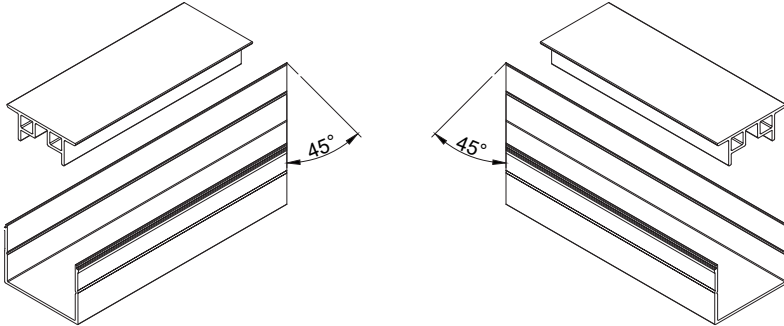


**MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)**  
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

12 - Montagem de aros fixos, em tipologias de canto 90°.  
Fixed frames assembly, in 90° corner typologies.  
Montage de cadres dormant, en types d'angle à 90°.

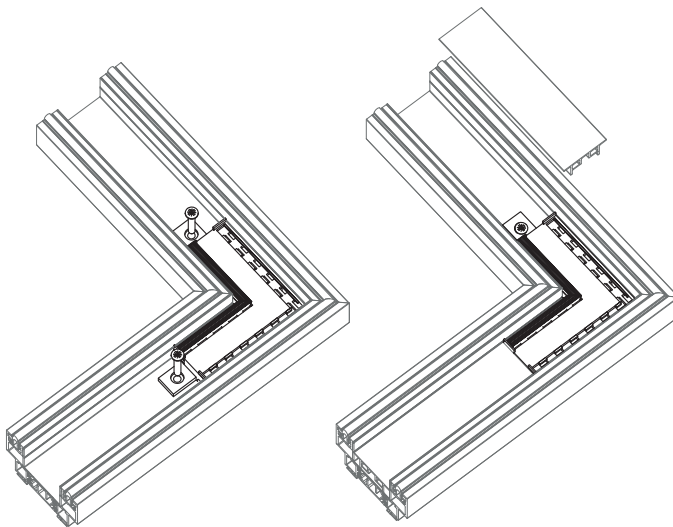
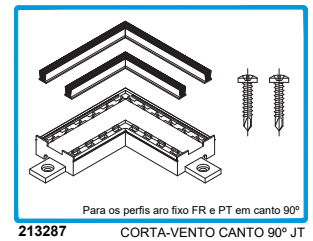


12.3 - Os perfis PVC U são cortados a 45° mas os perfis PVC T são cortados a 90°.  
PVC U profiles are cut at 45° but PVC T profiles are cut at 90°.  
Les profilés PVC U sont coupés à 45° mais les profilés PVC T sont coupés à 90°.



12.4 - Aplicar o corta-vento canto 90° JT no aro fixo.  
Apply the 90° corner insulation gasket in the fixed frame.  
Appliquer le brossse d'étanchéité angle 90°.

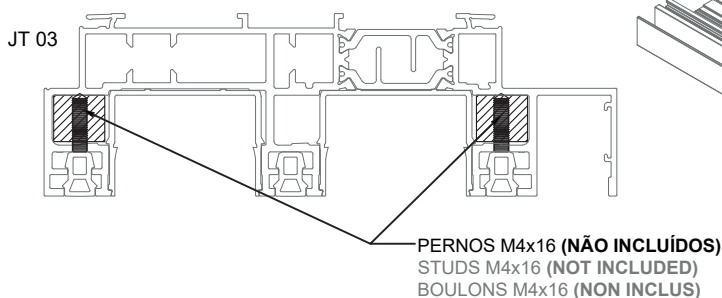
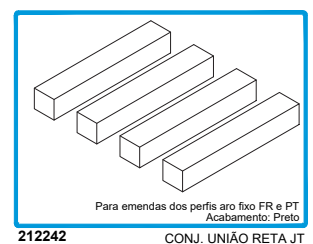
As medidas de corte dos perfis PVC T encontram-se no mapa de quantidades das tipologias de canto.  
The cutting measures of the T PVC profiles can be found in the corners typologies quantity map.  
Les mesures de coupe des profilés PVC T se trouvent dans la carte de quantité des typologies d'angle.



**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Os perfis PVC T superiores só deverão ser colocadas depois de os aros móveis estarem aplicados.  
The upper T PVC profiles must only be installed after the mobile frames are applied.  
Les profilés PVC T supérieures ne doivent être installés qu'après la pose des cadres ouvrants.

13 - Aplicação do Conjunto união reta JT nos aros fixos, em emendas de perfis de aro fixo.  
Straight union kit and angles applying in fixed frames, in splicing of fixed frame profiles.  
Application de l'assemblage de joints droits JT sur les jantes fixes, dans l'épissage de profilés de cadre dormant.

13.1 - Colocar as peças que constituem o Conjunto união reta JT no interior dos perfis e fixá-las com pernos M4x16. Seguir este procedimento em todos os perfis de aros fixos.  
Place the pieces that constitute the straight union kit inside the profiles and fix them with M4x16 studs. Follow this procedure in all fixed frame profiles.  
Placer les pièces qui composent le jeu d'union droite JT à l'intérieur des profilés et fixer-les avec des boulons M4x16. Suivre cette procédure sur tous les profilés de cadre dormant.



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**1 - Colocação do conjunto de estanqueidade para corta-vento nos aros fixos.**

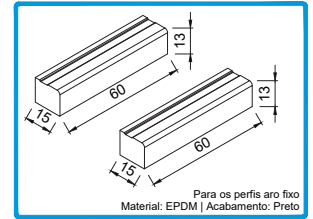
Central waterproofing pile seal kit placing in fixed frames.

Mise en place du kit brosse centrale d'étanchéité pour les cadres dormants.

Colocar o conj. de estanqueidade no cruzamento das folhas onde posteriormente levará o perfil PVC U e os corta-ventos.

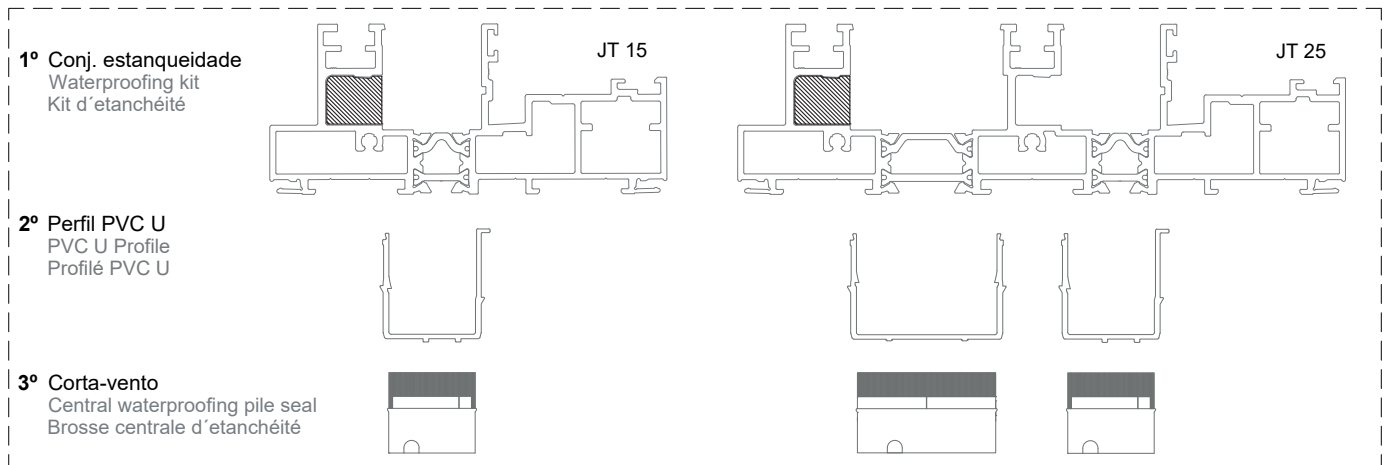
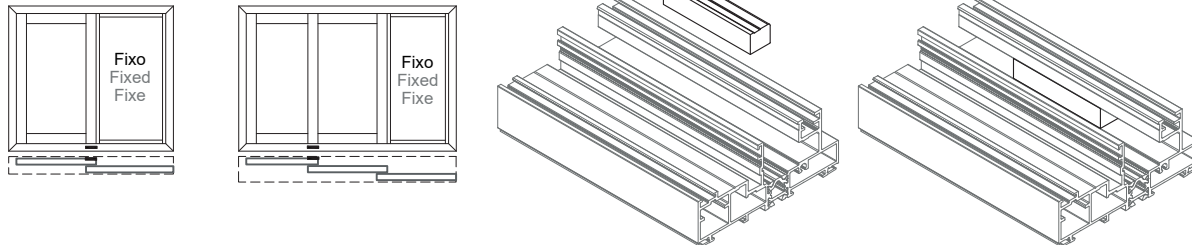
Place the central waterproofing pile seal kit at the intersection of the sashes where later the U PVC profile and the central gasket will be.

Placer le kit brosse centrale d'étanchéité à l'intersection des vantaux où prendront plus tard le profilé PVC U et les brosses centrales d'étanchéité.



212337

CONJ. ESTANQUEIDADE CORTA-VENTO JT



**2 - Colocação de goteiras nos aros fixos.**

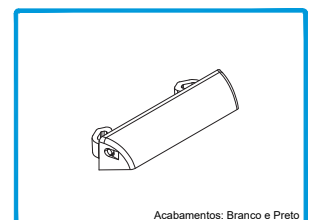
Drips placing in fixed frames.

Placement des clapets sur les cadres dormants.

Colocar as goteiras pelo exterior do perfil e fixá-las com pontos de silicone nas extremidades.

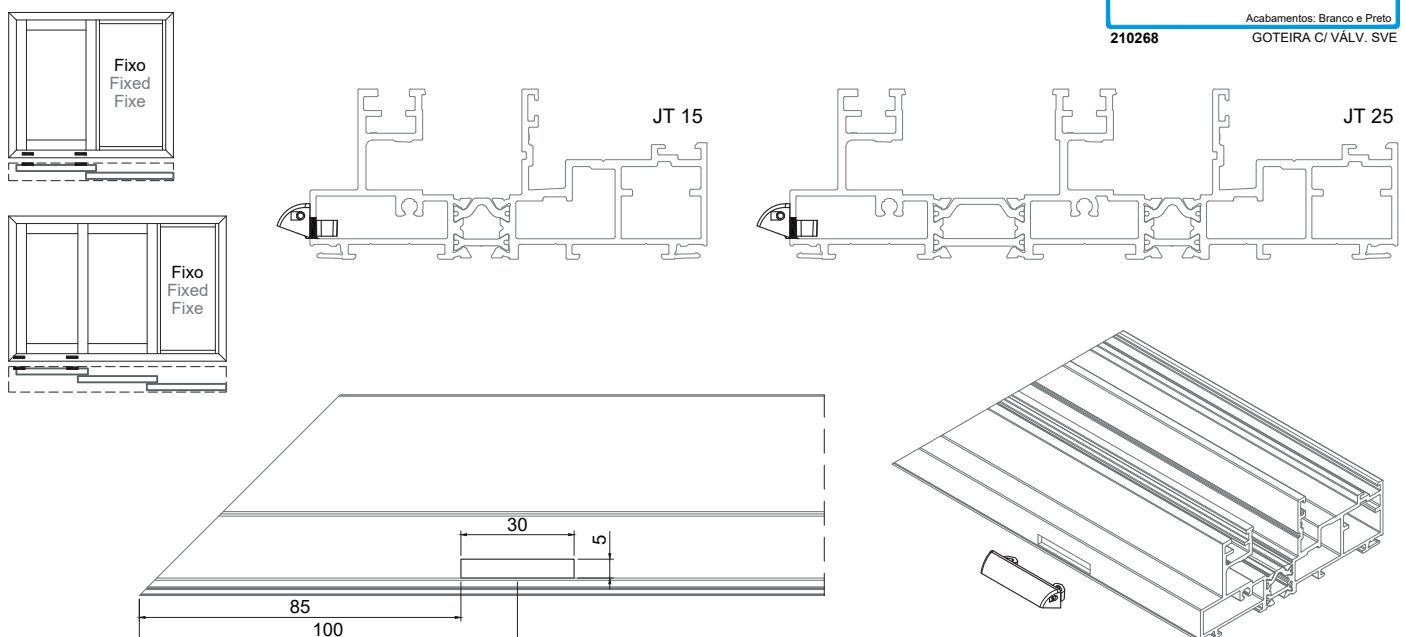
Place the drips from the outside of the profile and fix them with silicone points at the edges.

Placer les lapets à volet extérieur à l'extérieur du profilé et fixer-les avec des points de silicone aux extrémités.



210268

GOTEIRA C/ VÁLV. SVE



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**3 - Colocação dos perfis PVC U no aro fixo.**

U PVC profiles placing to the fixed frame.

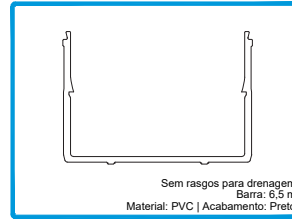
Mise en place des profilés PVC U sur le cadre dormant.

**IMPORTANTE | IMPORTANT | IMPORTANT:**

O conjunto de estanqueidade já deverá estar aplicado na soleira antes desta operação.

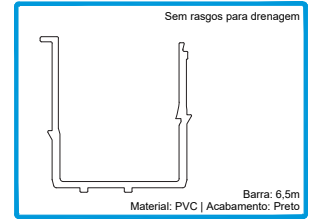
Central waterproofing pile seal kit must already be applied in the sill profile before this operation.

Le kit brosse centrale d'étanchéité doit déjà être appliqué sur le seuil avant cette opération.



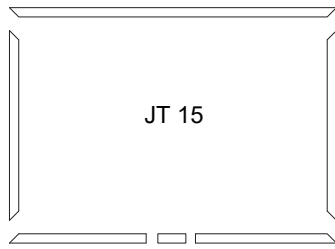
215305

PERFIL PVC U JT

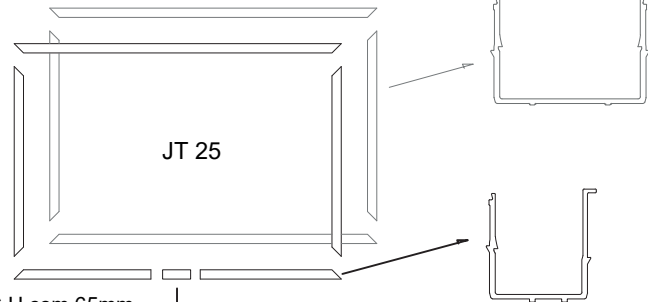


215310

PERFIL PVC U JT FIXO



Perfil PVC U com 65mm  
PVC profile with 65mm  
Profilé PVC avec 65mm



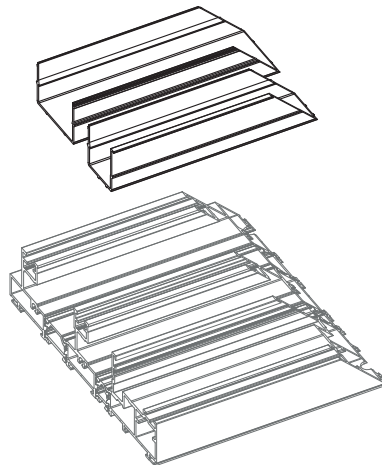
Perfil PVC U com 65mm  
PVC profile with 65mm  
Profilé PVC avec 65mm

**PASSO | STEP | ÉTAPE 1:**

Colocar os perfis PVC inferior e superior.

Place the lower and upper PVC profiles.

Placer les profilés PVC inférieures et supérieures.

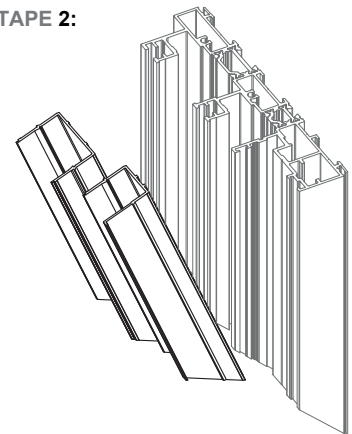


**PASSO | STEP | ÉTAPE 2:**

Colocar as alturas.

Place the heights.

Mettre les hauteurs.



**4 - Aplicação de silicone nos aros fixos.**

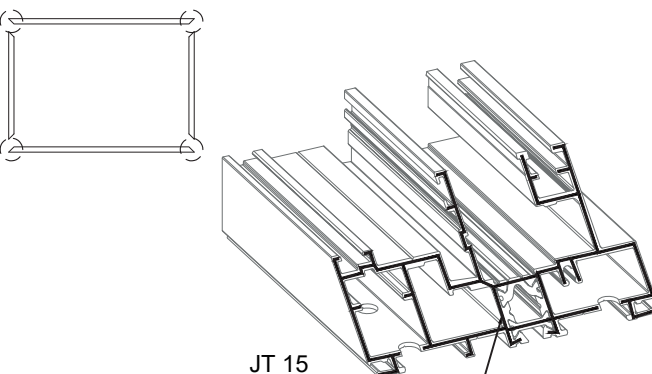
Silicone applying in fixed frames.

Application de silicone sur le cadre dormant.

**4.1 - Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.**

Apply silicone in the same color as the profiles or neutral silicone in the frame's areas.

Appliquer du silicone sur la couler des profilés ou du silicone neutre dans la zone des cadres.

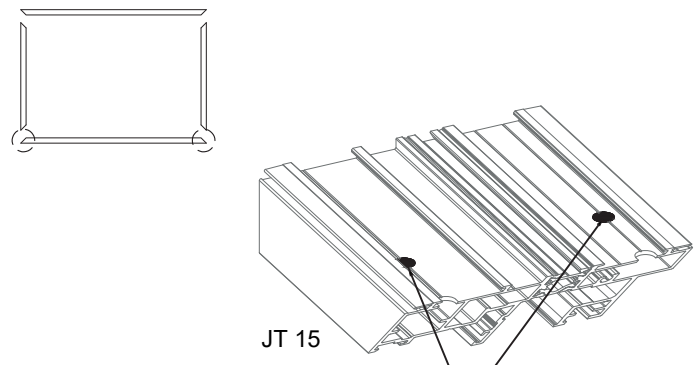


SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE

**4.2 - Antes de colocar os esquadros, encher as câmaras dos perfis fixos com silicone neutro, de modo a ficarem seladas.**

Before placing the corner cleats, the fixed frame profiles chambers must be filled with neutral silicone, in order to be sealed.

Avant d'installer les équerres, les chambres des profilés dormants doivent être remplies de silicone neutre afin d'être scellées.

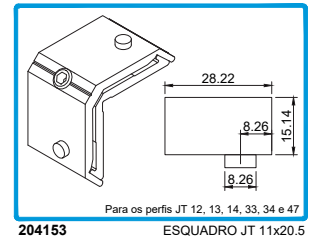
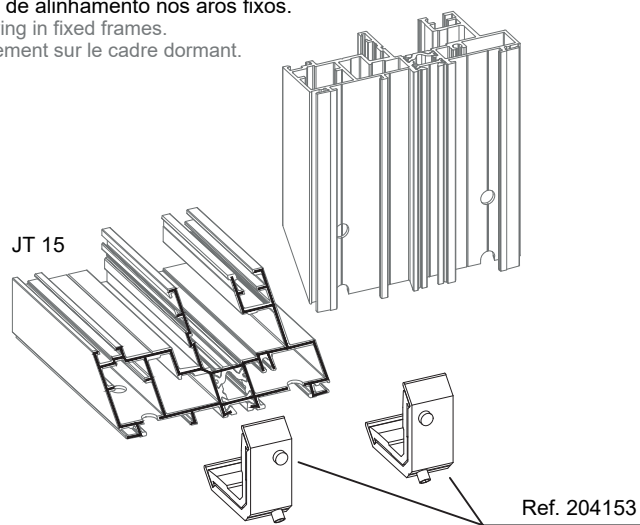


SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE



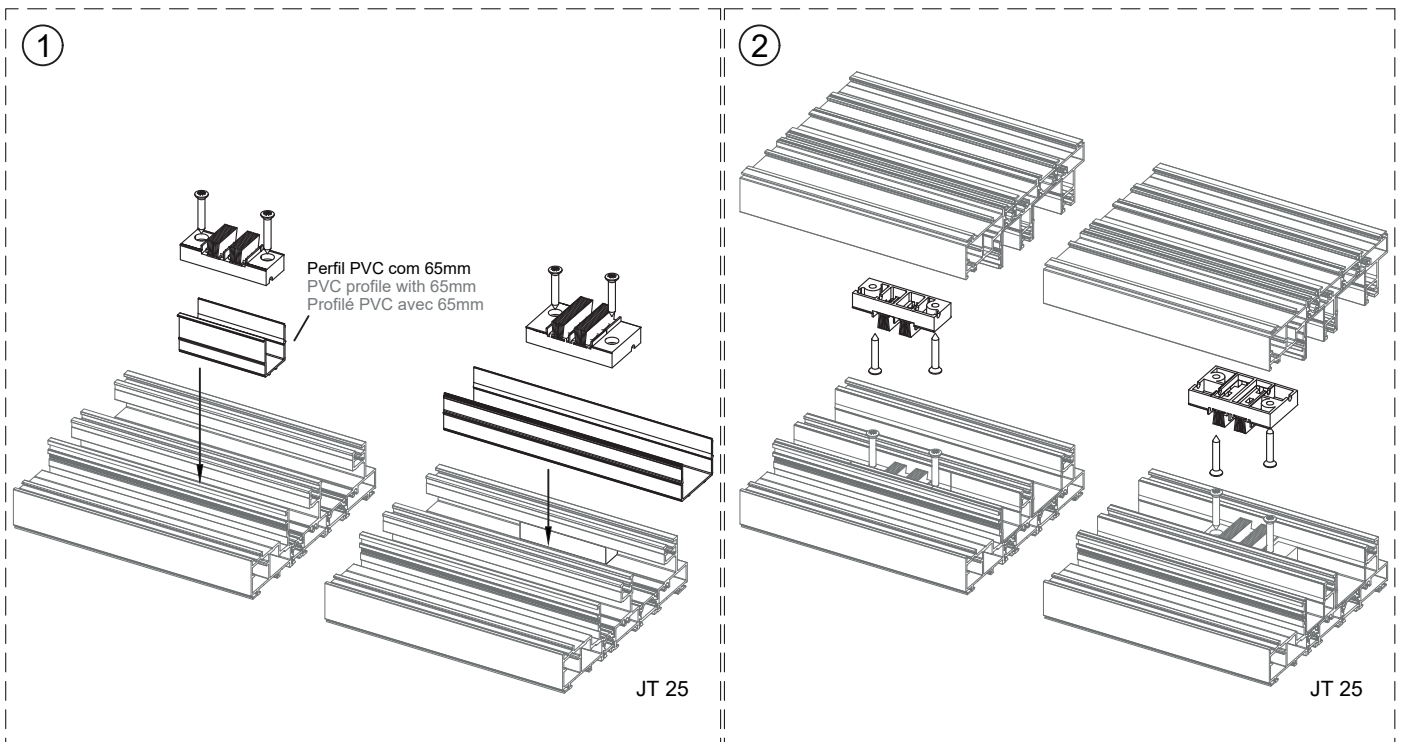
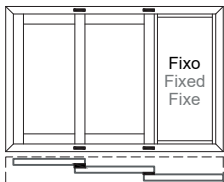
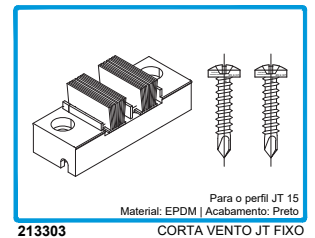
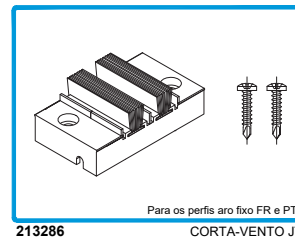
**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**  
FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**5 - Aplicação de esquadros de aperto e cantos de alinhamento nos aros fixos.**  
Corner cleats and the alignment corners applying in fixed frames.  
Application des équerres et les angles d'alignement sur le cadre dormant.



**6 - Colocação dos corta-ventos nos aros fixos.**  
Central waterproofing pile seal placing in fixed frames.  
Placement des brosses centrale d'étanchéité sur les cadres dormants.

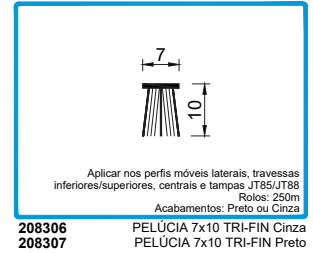
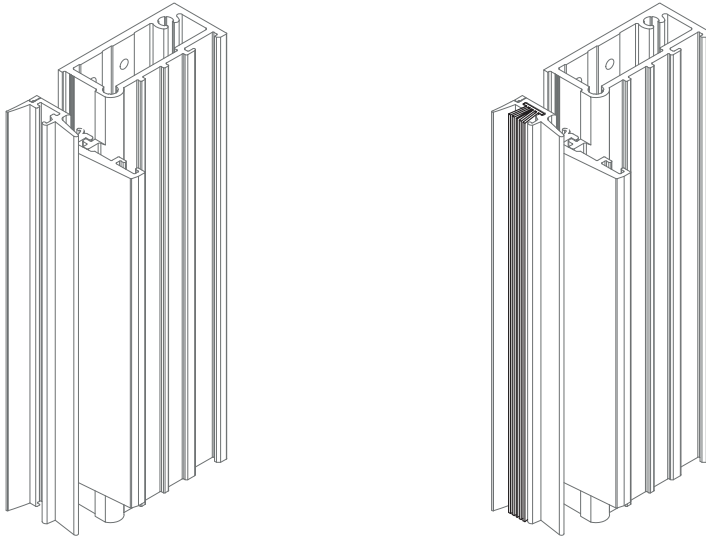
Colocar os corta-ventos na soleira. Os corta-ventos da padieira deverão ser colocados depois das folhas já estarem aplicadas.  
Place the lower central waterproofing pile seals on the sill. The lintel central waterproofing pile seals must be placed after the sashes are already applied.  
Placer les brosses centrales d'étanchéité sur le seuil. Les brosses centrale d'étanchéité sur le linteau doivent être placés après que les vantaux sont déjà appliquées.



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**  
FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**7 - Aplicação da pelúcia 7x10 Tri-Fin na Junta central VD 2195 JT FIXO.**

7x10 Tri-Fin pile seal application to the Central joint VD 2195 FIXED JT.  
Application de la joint brosse 7x10 Tri-Fin sur le Joint central VD 2195 JT FIXE.



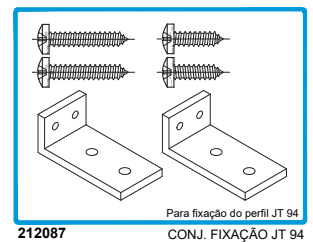
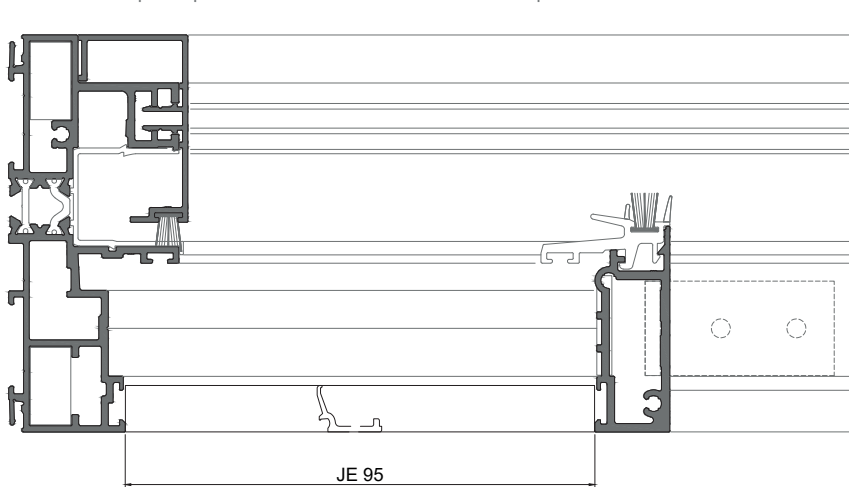
**8 - Aplicação do perfil JT 94 com o Conj. Fixação JT 94.**

JT 94 application using the JT 94 Fixing Kit application.  
Application du profilé JT 94 en utilisant le Kit de Fixation JT 94.

**PASSO 1: Cortar o bite JE 95 conforme medida de corte determinada.**

STEP 1: Cut the JE 95 bead according to the determined cutting measure.

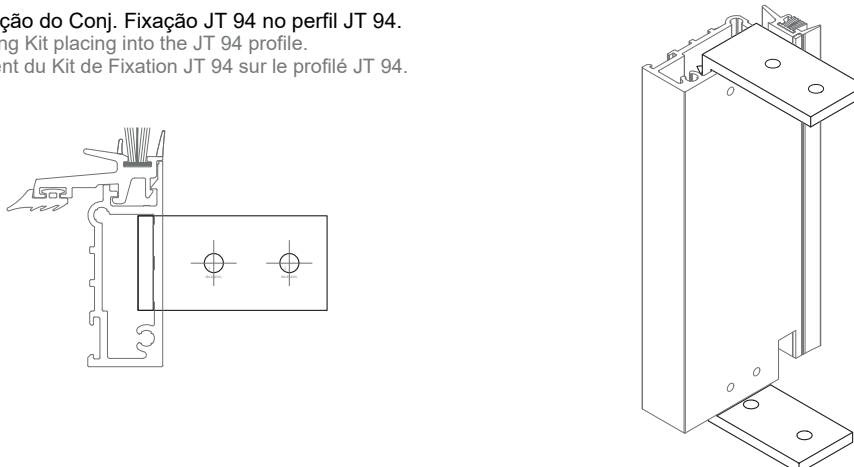
ÉTAPE 1: Couper le parclose JE 95 selon la mesure de coupe déterminée.



**PASSO 2: Colocação do Conj. Fixação JT 94 no perfil JT 94.**

STEP 2: JT 94 Fixing Kit placing into the JT 94 profile.

ÉTAPE 2: Placement du Kit de Fixation JT 94 sur le profilé JT 94.



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**8 - Aplicação do perfil JT 94 com o Conj. Fixação JT 94.**

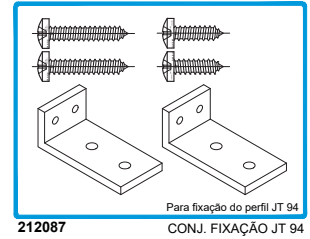
JT 94 application using the JT 94 Fixing Kit application.

Application du profilé JT 94 en utilisant le Kit de Fixation JT 94.

**PASSO 3: Colocação do bite JE 95 e do perfil montante no aro fixo, com as cantoneiras no interior do perfil (por fixar).**

STEP 3: JE 95 and mullion profile application to the fixed frame, with the angles inside the profile (to be fixed).

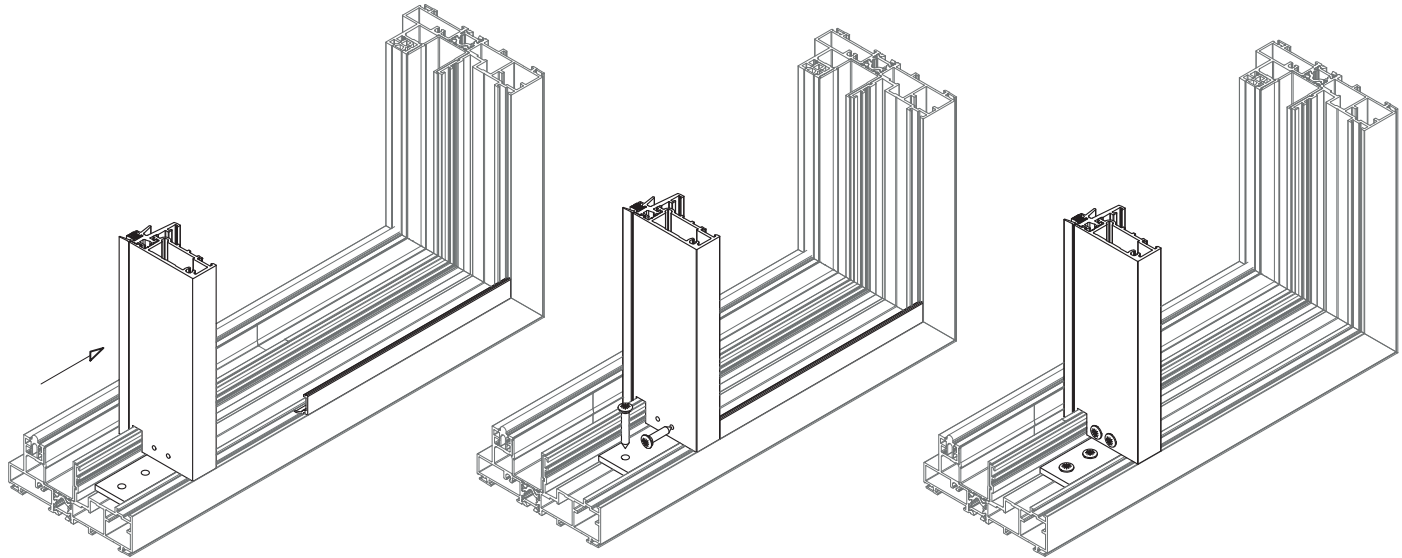
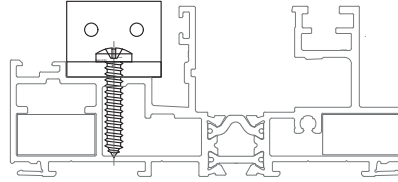
ÉTAPE 3: Application du parciose JE 95 et du profilé de meneau sur le cadre dormant, avec les angles à l'intérieur du profilé (à fixer).



**PASSO 4: Fixação do Conj. Fixação JT 94.**

STEP 4: JT 94 Fixing Kit fixation into the JT 94 profile.

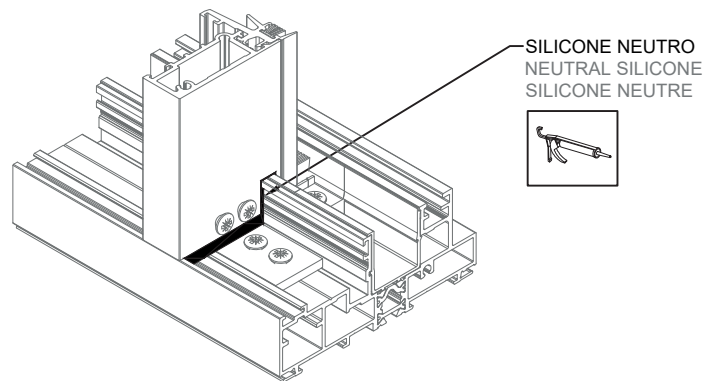
ÉTAPE 4: Fixation du Kit de Fixation JT 94 sur le profilé JT 94.



**PASSO 5: Aplicar silicone na zona de contacto entre os perfis aro fixo e montante, em cima e em baixo, antes de colocar as capas.**

STEP 5: Silicone application in the contact area between the fixed frame and mullion profile, at the top and bottom, before placing the covers.

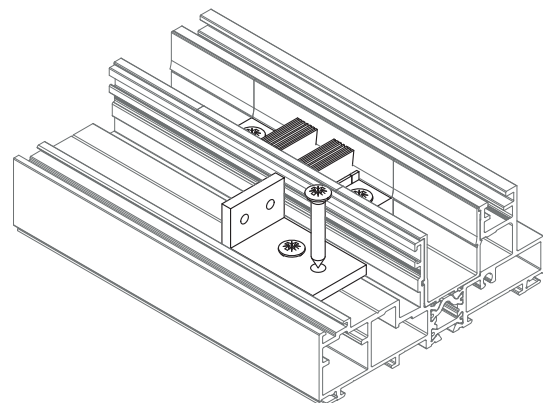
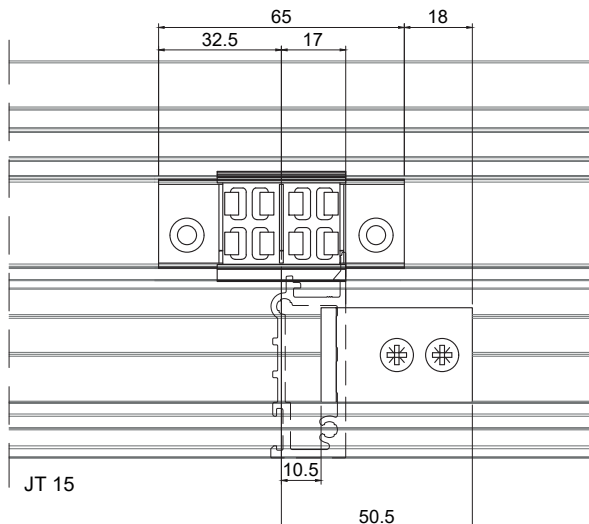
ÉTAPE 5: Application de silicone dans la zone de contact entre les dormants et le profilé meneau, en haut et en bas, avant la pose des profilés de capot.



**PASSO 6: Posicionamento e fixação dos corta-ventos.**

STEP 6: Positioning and fixing the central gaskets.

ÉTAPE 6: Positionnement et fixation des joints d'étanchéité..



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**  
FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)  
ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**9 - Aplicação do perfil JT 94 através de parafusos - APLICAÇÃO ALTERNATIVA.**

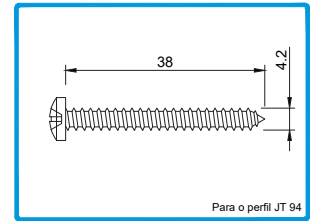
JT 94 application using the screws - **ALTERNATIVE APPLICATION.**

Application du profilé JT 94 en utilisant des vis - **APPLICATION ALTERNATIVE.**

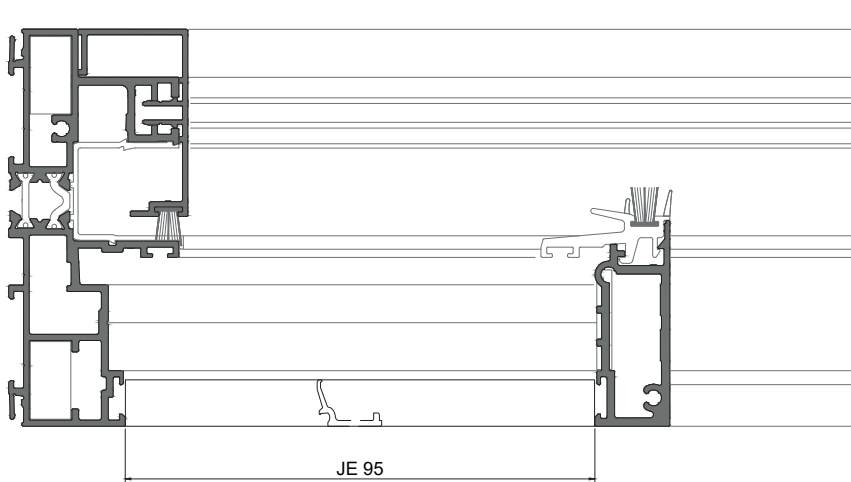
**PASSO 1: Cortar o bite JE 95 conforme medida de corte determinada.**

**STEP 1: Cut the JE 95 bead according to the determined cutting measure.**

**ÉTAPE 1: Couper le parclose JE 95 selon la mesure de coupe déterminée.**



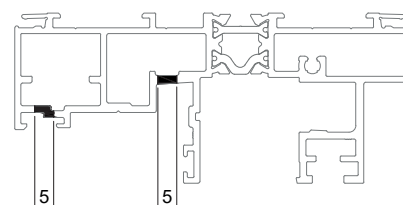
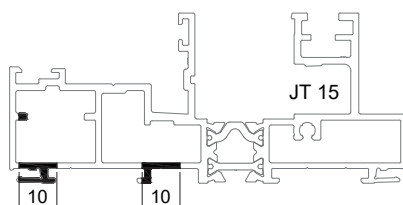
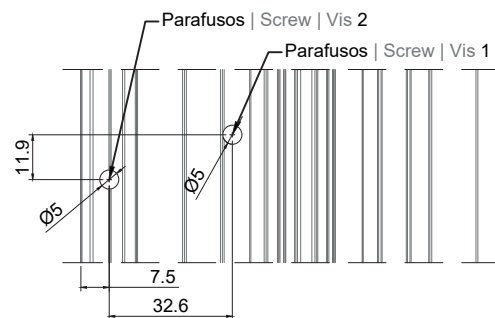
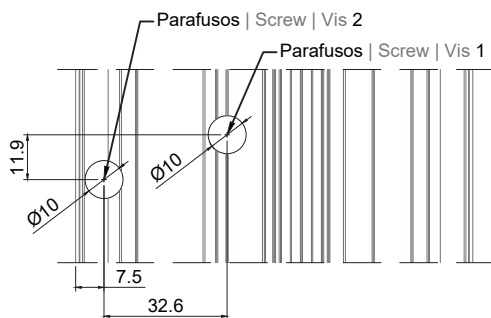
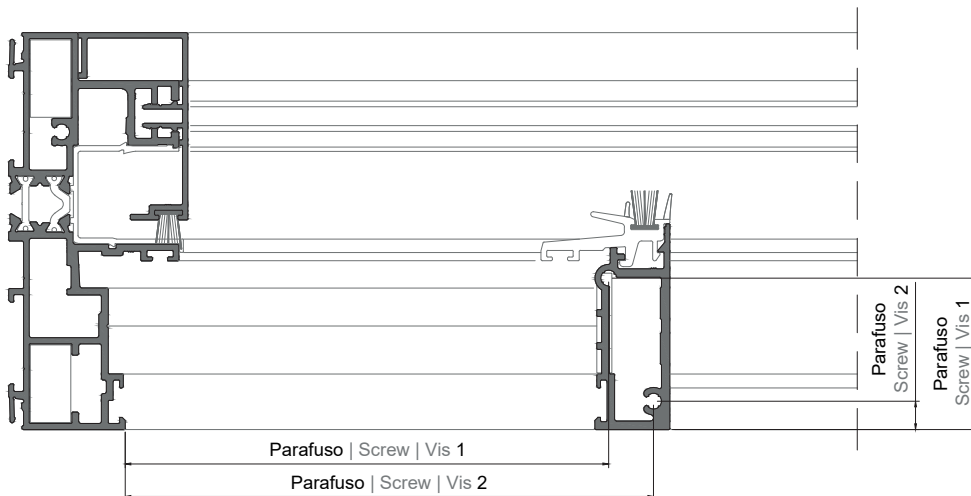
**290030** PARAFUSO DIN7981 4,2x38 INOX A2



**PASSO 2: Determinar a posição dos parafusos e maquinar o aro fixo superior e inferior.**

**STEP 2: Determine the position of the screws and machine the upper and lower fixed frame.**

**ÉTAPE 2: Déterminer la position des vis et usiner le cadre fixe supérieur et inférieur.**



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**9 - Aplicação do perfil JT 94 através de parafusos - APLICAÇÃO ALTERNATIVA.**

JT 94 application using the screws - **ALTERNATIVE APPLICATION.**

Application du profilé JT 94 en utilisant des vis - **APPLICATION ALTERNATIVE.**

**PASSO 3: Colocação do bite JE 95 e do perfil montante no aro fixo.**

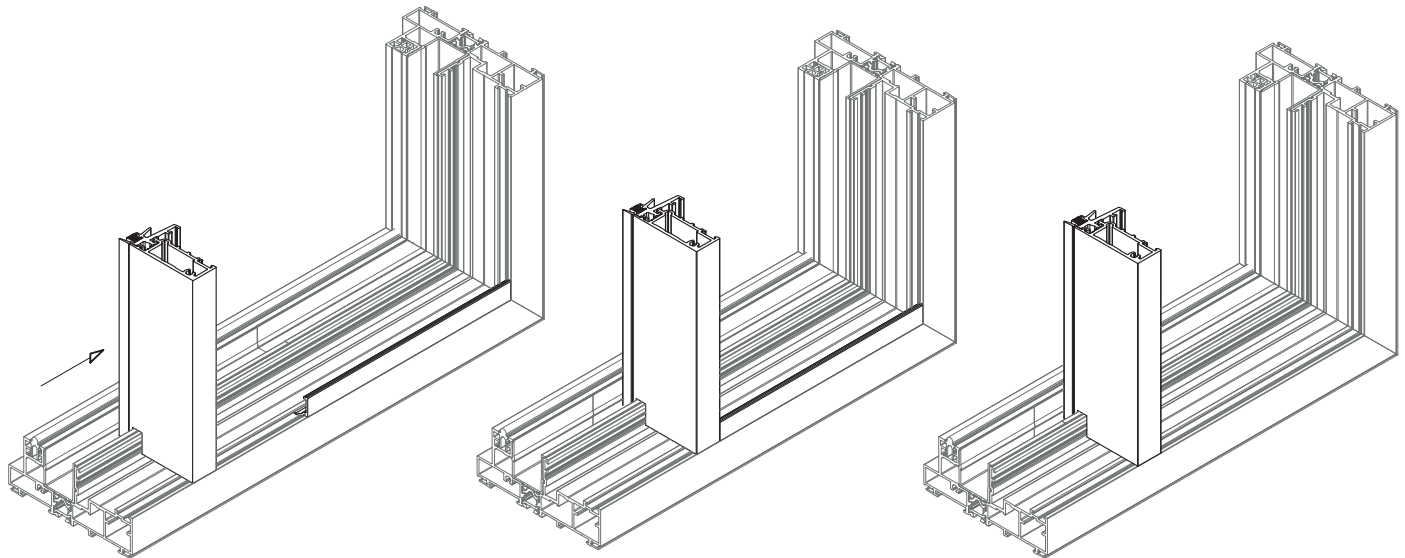
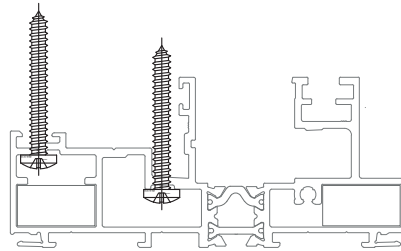
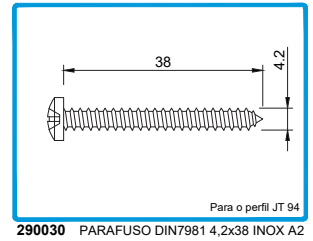
**STEP 3:** JE 95 and mullion profile application to the fixed frame.

**ÉTAPE 3:** Application du parciose JE 95 et du profilé de meneau sur le cadre dormant.

**PASSO 4: Fixação do perfil usando os parafusos.**

**STEP 4:** Profile fixing using screws.

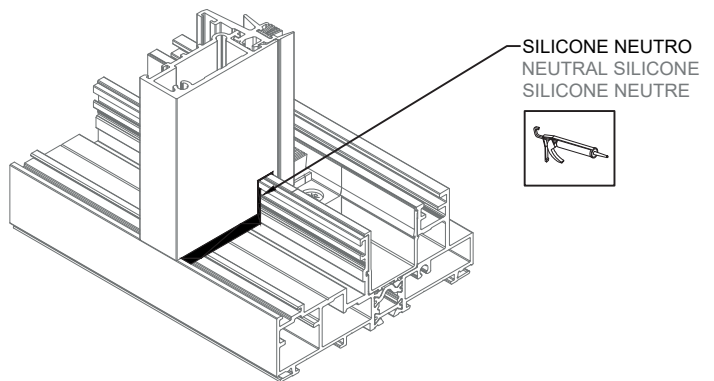
**ÉTAPE 4:** Fixation du profilé à l'aide de vis.



**PASSO 5: Aplicar silicone na zona de contacto entre os perfis aro fixo e montante, em cima e em baixo, antes de colocar as capas.**

**STEP 5:** Silicone application in the contact area between the fixed frame and mullion profile, at the top and bottom, before placing the covers.

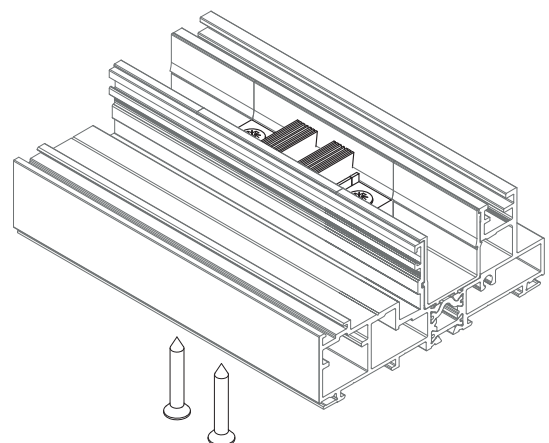
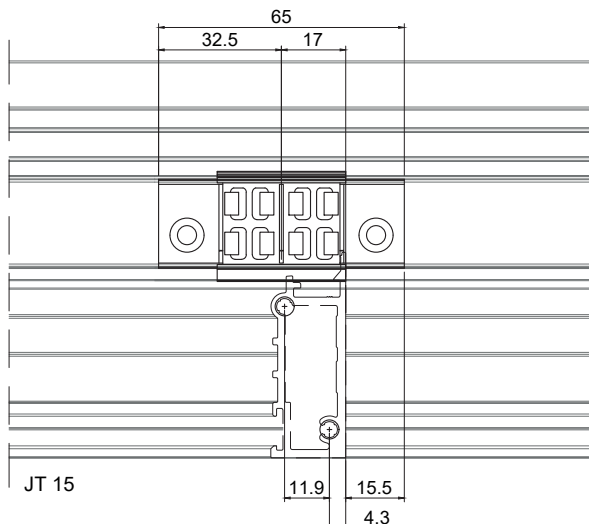
**ÉTAPE 5:** Application de silicone dans la zone de contact entre les dormants et le profilé meneau, en haut et en bas, avant la pose des profilés de capot.



**PASSO 6: Posicionamento e fixação dos corta-ventos.**

**STEP 6:** Positioning and fixing the central gaskets.

**ÉTAPE 6:** Positionnement et fixation des joints d'étanchéité..



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**10 - Aplicação da junta tapa canal 2116 nos aros fixos.**

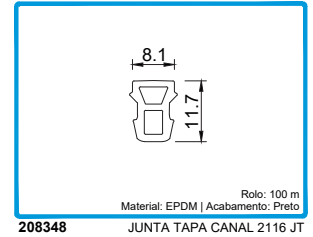
2116 channel cover joint applying in fixed frames.

Application de la joint de couverture du canal 2116 sur les cadres dormants.

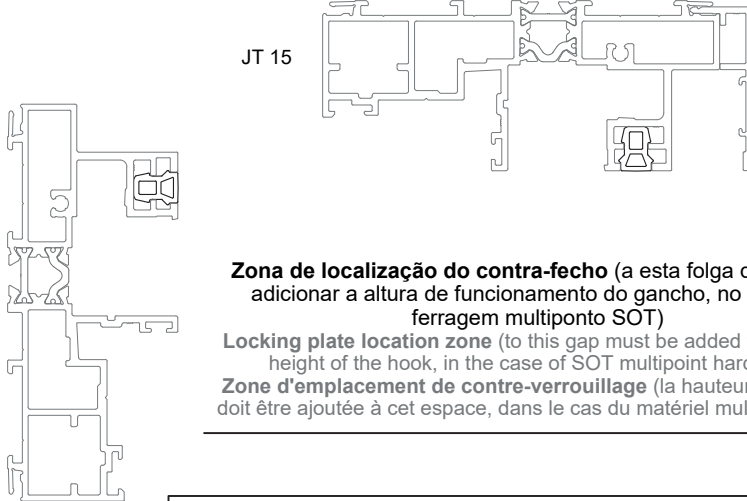
Esta junta deverá ser aplicada no aro fixo, na padieira e nas laterais. Nas zonas onde se localizarão os contra-fechos, a junta deverá ser interrompida.

This joint must be applied in the fixed frame, in the lintel and the laterals. In the zones where the counter-locks will be located, the joint must be interrupted.

Ce joint doit être appliqué sur le cadre dormant, le linteau et les côtés. Dans les zones où seront situées les contre-serrures, le joint doit être interrompu.



JT 15



**Zona de localização do contra-fecho** (a esta folga dever-se-à adicionar a altura de funcionamento do gancho, no caso da ferragem multiponto SOT)

**Locking plate location zone** (to this gap must be added the working height of the hook, in the case of SOT multipoint hardware)

**Zone d'emplacement de contre-verrouillage** (la hauteur du crochet doit être ajoutée à cet espace, dans le cas du matériel multipoint SOT)

**IMPORTANTE | IMPORTANT | IMPORTANT:**

A zona de interrupção da junta deverá ser suficiente para permitir os movimentos do fecho multiponto SOT.

The joint interruption zone must be sufficient to allow the movements of the SOT multipoint lock.

La zone d'interruption de la joint doit être suffisante pour permettre les mouvements de la serrure multipoint SOT.

**11 - Corte e aplicação do perfil guia JT87 nos aros fixos.**

Cutting and applying of JT87 rail profile in fixed frames.

Couper et appliquer le profilé de guide JT87 sur les cadres dormants.

O perfil JT87 deverá ser aplicado nas soleiras, conforme esquemas abaixo:

The JT87 profile must be applied in the sills, according to the schemes below:

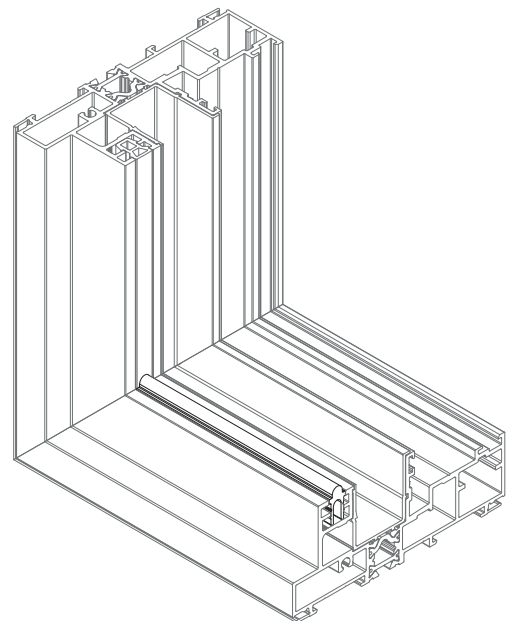
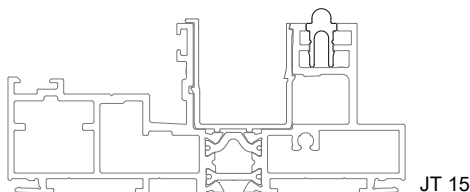
Le profilé JT87 doit être appliqué aux seuils, selon les schémas ci-dessous:

**NOTA | NOTE | REMARQUE:**

Em perfis anodizados, a guia JT87 deverá ser aplicada com um cordão de silicone neutro.

On anodised profiles the JT87 guide should be applied with a neutral silicone cord.

Sur les profis anodisés, le guide JT87 doit être appliqué avec un cordon de silicone neutre.



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

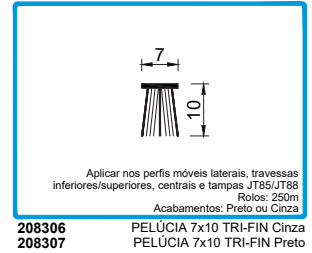
ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**12 - Aplicação da pelúcia 7x10 Tri-Fin nos perfis de capa JT89 e JT91.**

7x10 Tri-Fin pile seal application to the JT89 and JT91 cover profiles.

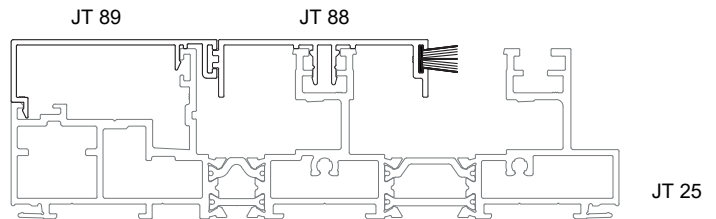
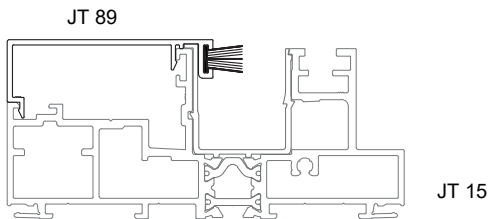
Application de la joint brosse 7x10 Tri-Fin sur le profils de capot JT89 et JT91.

**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Colocar a folha de correr antes de aplicar as capas.  
Place the sliding sash before applying the covers.  
Placer la feuille de glissement avant d'appliquer les capots.



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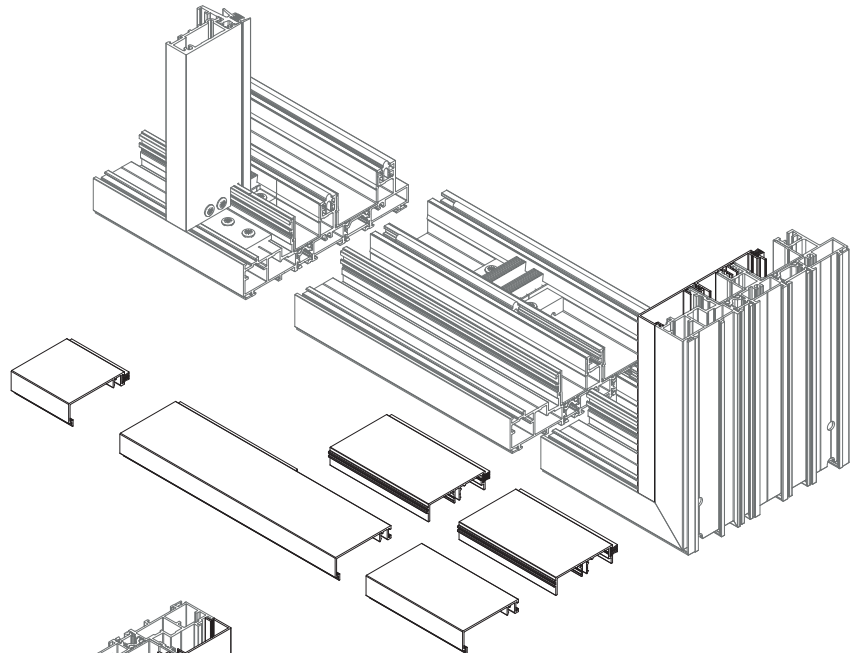
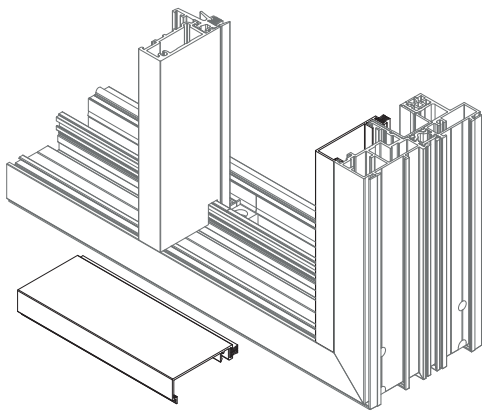
PELÚCIA 7x10 TRI-FIN Cinza  
PELÚCIA 7x10 TRI-FIN Preto



**PASSO | STEP | ÉTAPE 1:**

**Colocar os perfis verticais.**

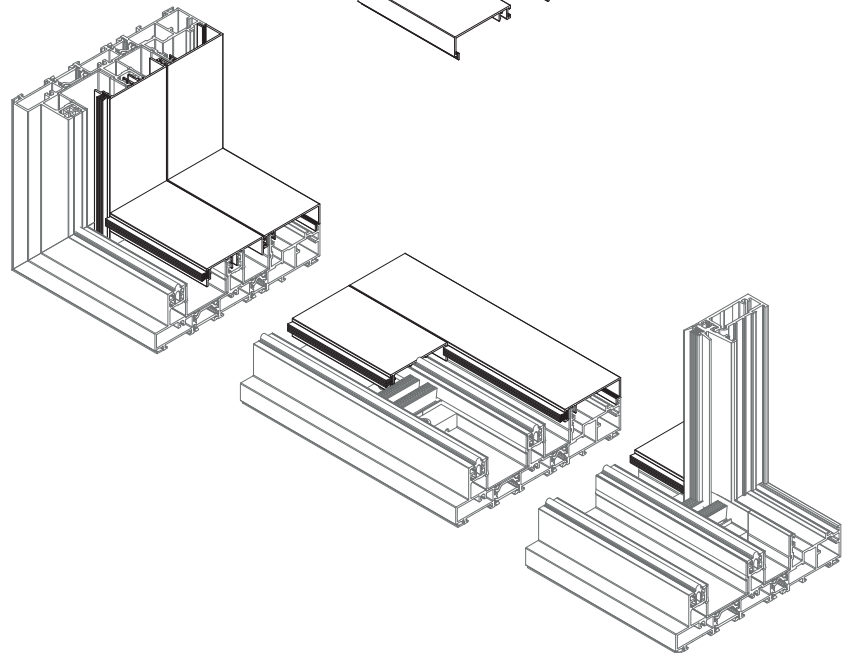
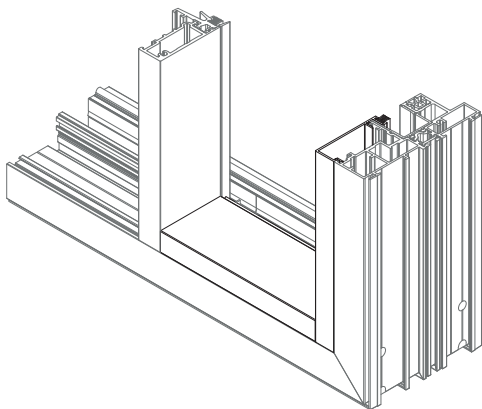
Place the vertical profiles.  
Placer les profilés verticaux.



**PASSO | STEP | ÉTAPE 2:**

**Colocar os perfis horizontais.**

Place the horizontal profiles.  
Placer les profilés horizontaux.



**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

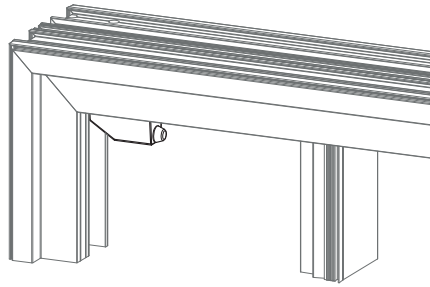
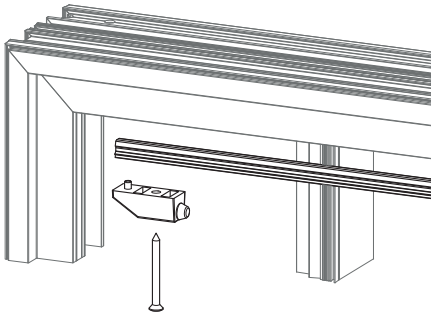
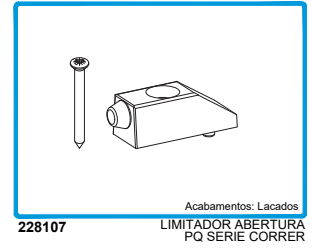
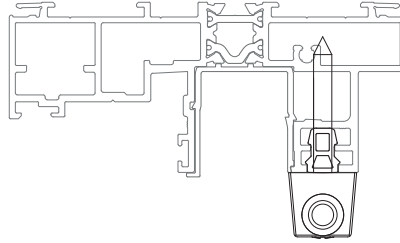
**13 - Aplicação do limitador de abertura nos perfis JT 15 e JT 25.**

Opening limiter application on the JT 15 and JT 25 profiles.  
Application du limiteur d'ouverture sur les profilés JT 15 et JT 25 .

A posição do limitador de abertura no rail, depende da largura da folha móvel em relação à folha fixa.

The position of the opening limiter on the rail depends on the width of the mobile sash in relation to the fixed sash.

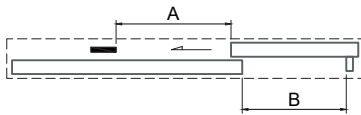
La position du limiteur d'ouverture sur le rail dépend de la largeur de la vantail ouvrant par rapport à la vantail fixe.



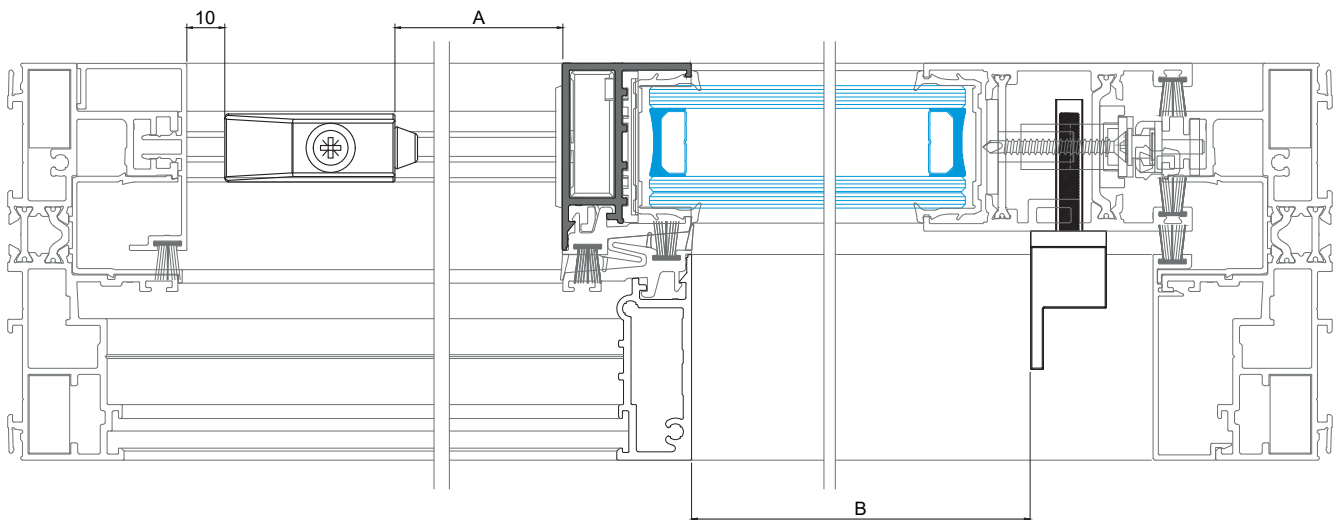
**13.1 - Tipologias 1 folha móvel + fixo.**

1 sliding sash + fix typologies.

Typologies 1 vantail coulissant + fixe.



A distância de A tem de ser menor que a distância de B.  
The distance from A must be less than the distance from B.  
La distance de A doit être inférieure à la distance de B.





**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**13 - Aplicação do limitador de abertura nos perfis JT 15 e JT 25.**

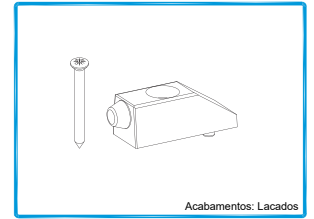
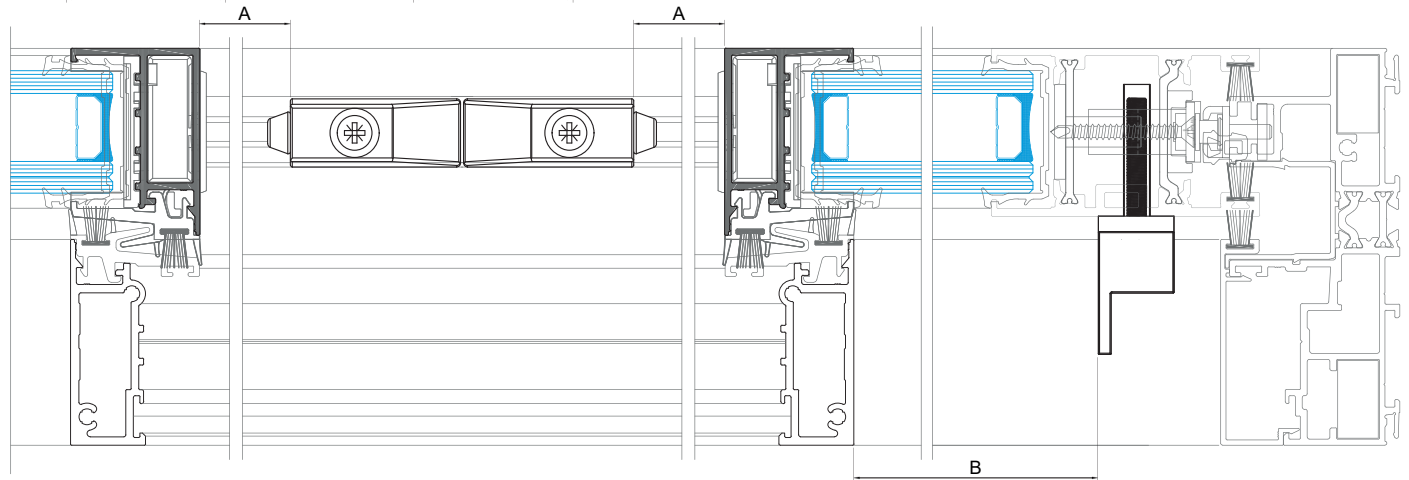
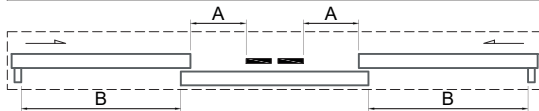
Opening limiter application on the JT 15 and JT 25 profiles.

Application du limiteur d'ouverture sur les profilés JT 15 et JT 25 .

**13.2.1 - Tipologias 2 folhas móveis + fixo, com JT 15.**

2 sliding sashes + fix typologies, with JT 15.

Typologies 2 vantaux coulissants + fixe, avec JT 15.



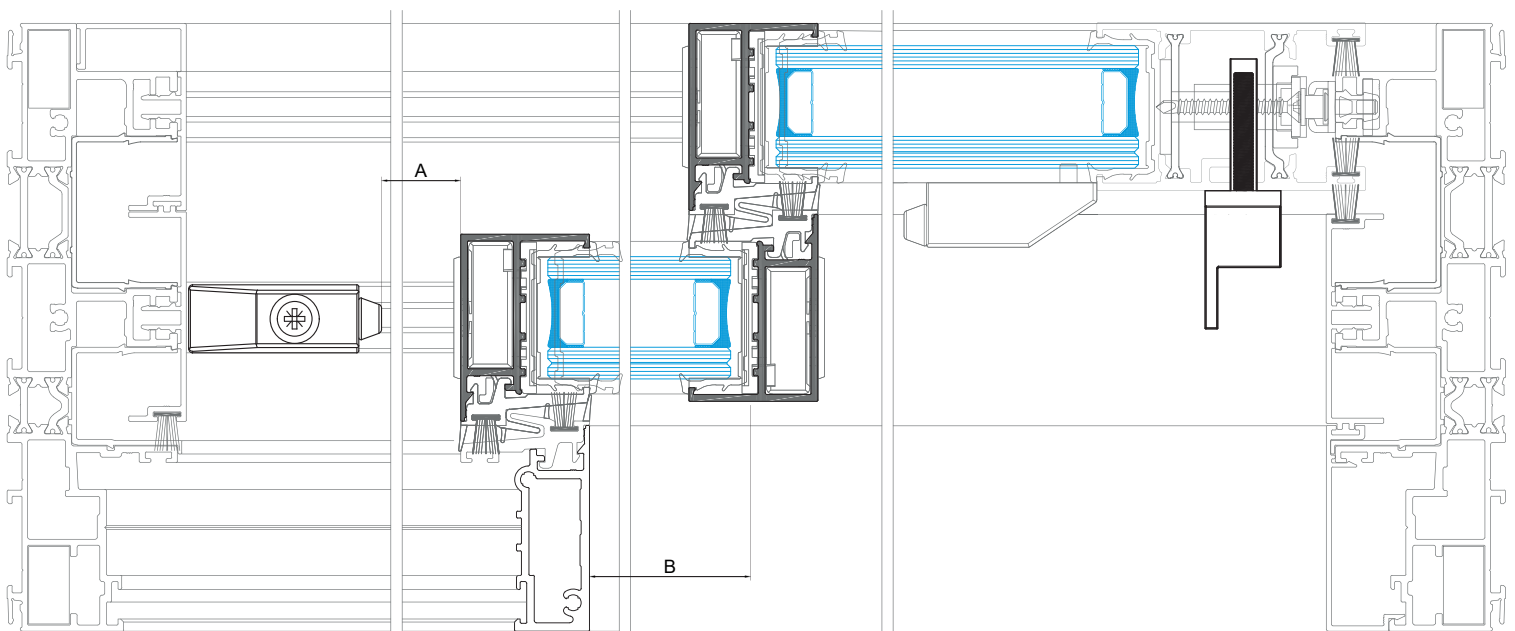
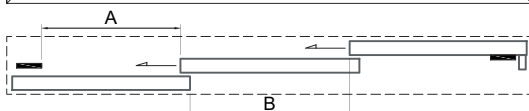
Acabamentos: Lacados  
228107 LIMITADOR ABERTURA PQ SERIE CORRER

**A distância de A tem de ser menor que a distância de B.**  
The distance from A must be less than the distance from B.  
La distance de A doit être inférieure à la distance de B.

**13.2.2 - Tipologias 2 folhas móveis + fixo, com JT 25.**

2 sliding sashes + fix typologies, with JT 25.

Typologies 2 vantaux coulissants + fixe, avec JT 25.



**A distância A tem de ser menor que a distância B.**  
The distance A must be less than the distance B.  
La distance A doit être inférieure à la distance B.

**MONTAGEM DOS PERFIS ARO FIXO PARA TIPOLOGIAS FIXAS (CORTE 45°)**

FIXED TYPOLOGIES FIXED FRAME PROFILES ASSEMBLY (45° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT POUR TYPOLOGIES FIXES (COUPE 45°)

**14 - Assemblagem do vidro.**

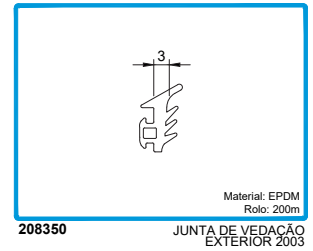
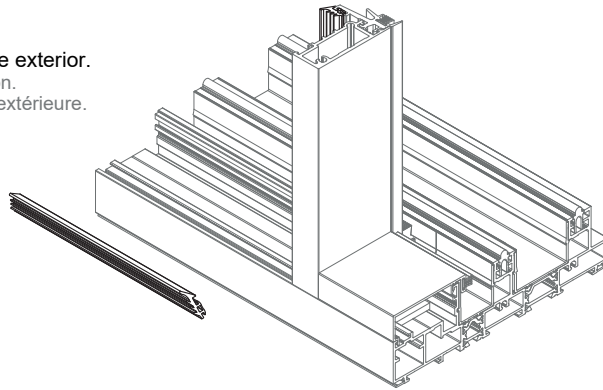
Glass assembly.

Assemblage du verre.

**14.1 - Aplicação do vedante exterior.**

Exterior joint application.

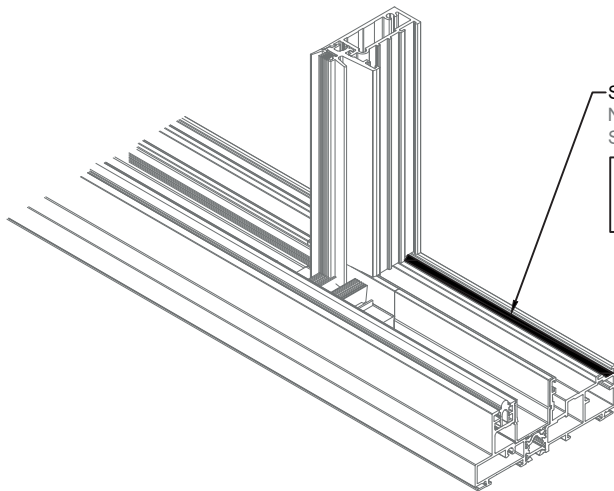
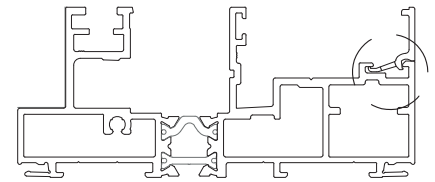
Application de la joint extérieure.



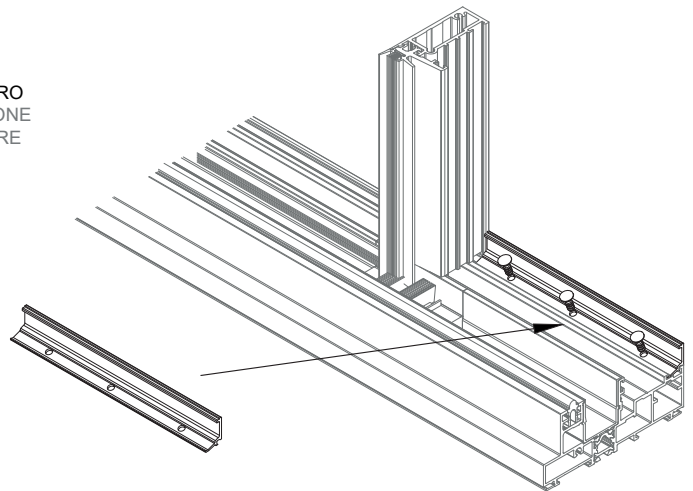
**14.2 - Preenchimento do canal do bite inferior com silicone e aparafusamento do perfil pré-furado.**

Filling the lower bead channel with silicone and screwing the pre-drilled profile.

Remplir le canal du parclose inférieur avec du silicone et visser le profil pré-percé.



SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE

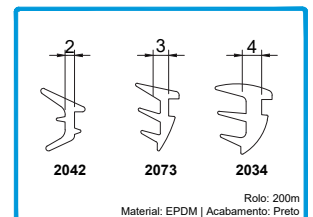
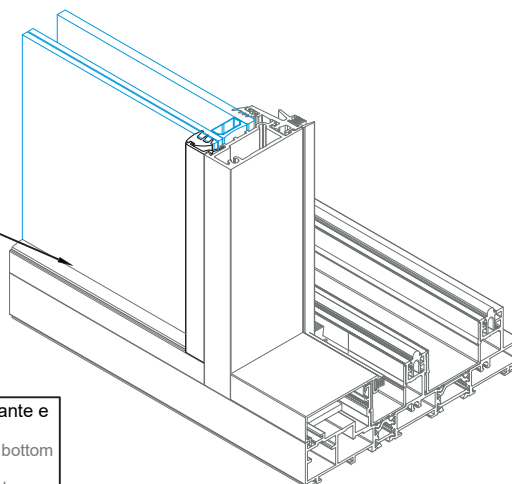


**14.3 - Colocação do vidro e dos restantes bites (primeiro os horizontais e depois os verticais).**

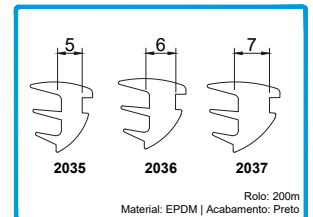
Placement of the glass and the remaining beads (first the horizontal and then the vertical ones).

Placement du verre et des parclozes restants (d'abord les horizontaux et ensuite les verticaux).

SILICONE NEUTRO  
NEUTRAL SILICONE  
SILICONE NEUTRE



**208191** JUNTA DE CUNHA 2042  
**208199** JUNTA DE CUNHA 2073  
**208195** JUNTA DE CUNHA 2034



**208196** JUNTA DE CUNHA 2035  
**208215** JUNTA DE CUNHA 2036  
**208904** JUNTA DE CUNHA 2037

Recomenda-se a selagem inferior do perfil montante e das extremidades do bite inferior.

Bottom sealing of the riser profile and the ends of the bottom bit is recommended.

Il est recommandé de sceller le bas du profil de la colonne montante et les extrémités du trépan inférieur.

**MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)**

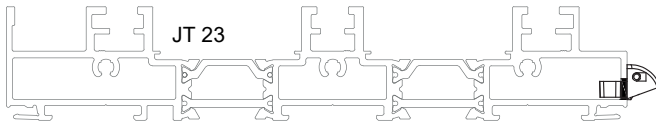
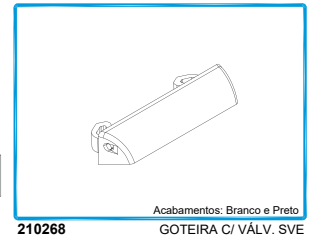
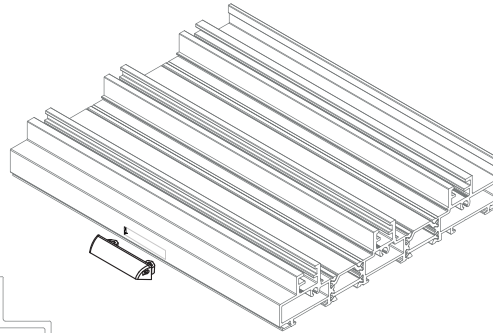
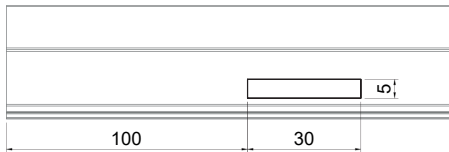
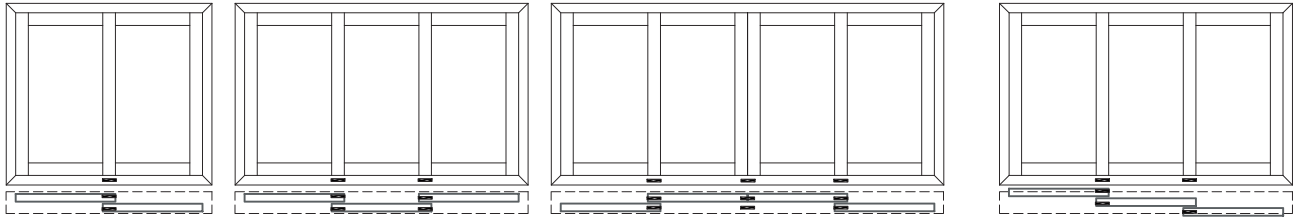
FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)

**1 - Colocação de goteiras nos aros fixos.**

Drips placing in fixed frames.

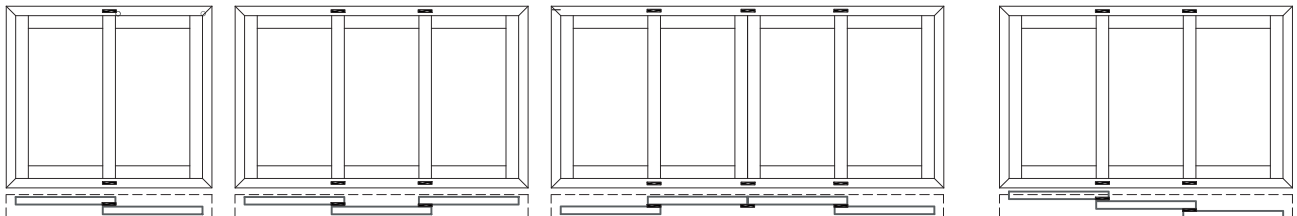
Placement des clapets sur les cadres dormants.



**2 - Colocação dos corta-ventos nos aros fixos.**

Central waterproofing pile seal placing in fixed frames.

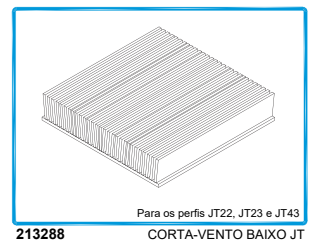
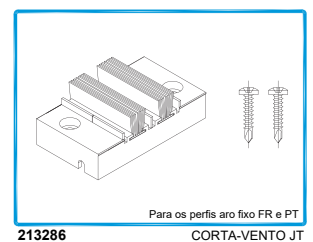
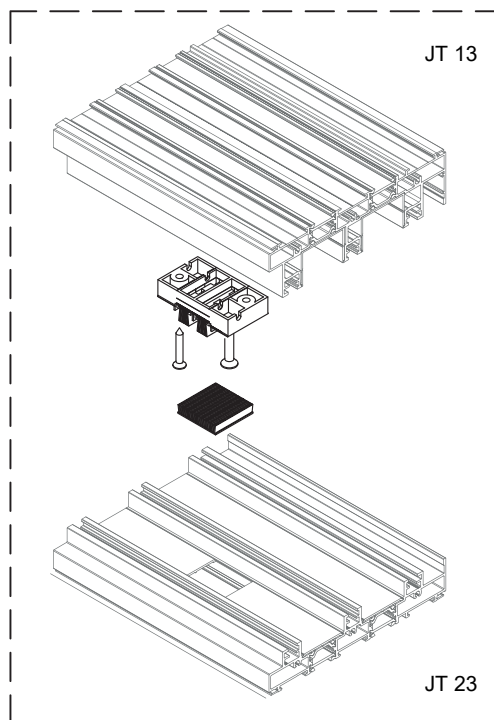
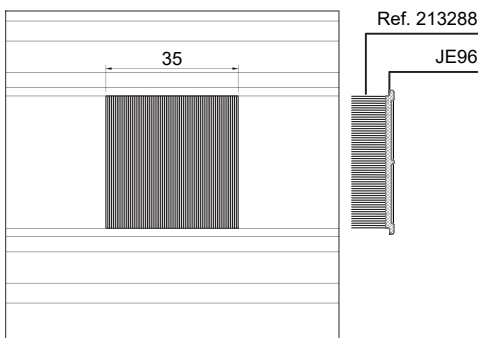
Placement des brosses centrale d'etanchéité sur les cadres dormants.



Aplicar os corta-ventos inferiores entre os perfis JE96, interrompendo-os em 35mm. **Os corta-ventos da padieira deverão ser colocados depois das folhas de correr já estarem aplicadas.**

Place the low central insulation gaskets between the JE96 profiles, interrupting it in 35mm. **The lintel central insulation gasket must be placed after the sliding sashes are already applied.**

Appliquer les brosses centrale d'etanchéité inférieures entre les profilés JE96, les arrête en 35mm. **Les brosses centrale d'etanchéité sur le linteau doivent être placés après que les feuilles coulissantes sont déjà appliquées.**



## MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)

FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)

### 3 - Aplicação dos perfis JE96 e PVC U nos aros fixos.

JE96 e U PVC profiles application in fixed frames.

Application de profilés JE96 et PVC U sur les cadres dormant.

#### Passo | Step | Étape 1:

Aplicar os perfis JE96 nas ombreiras.

Place the JE96 profiles in jambs.

Appliquer les profilés JE96 sur les jambages.

#### Passo | Step | Étape 2:

Aplicar os perfis JE96 inferiores.

Place the bottom JE96 profiles.

Appliquer les profilés JE96 inférieures.

#### Passo | Step | Étape 3:

Aplicar as juntas adesivas nas extremidades dos perfis horizontais (em tipologias 4rail consultar a pág. seguinte).

Place the adhesive joints at the ends of the horizontal profiles (in 4rail typologies see the next page).

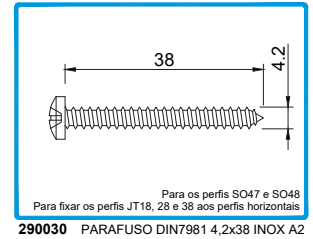
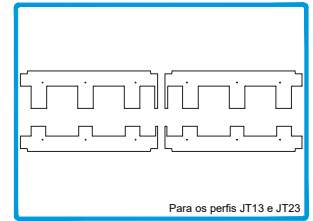
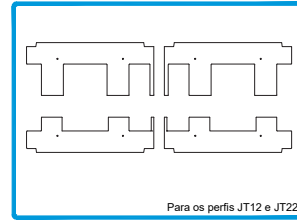
Placer les joints adhésifs aux extrémités des profilés horizontaux (en typologies de 4rails voir page suivante).

#### Passo | Step | Étape 4:

Fixar os perfis usando parafusos.

Fix the profiles using screws.

Fixer les profilés à l'aide de vis.

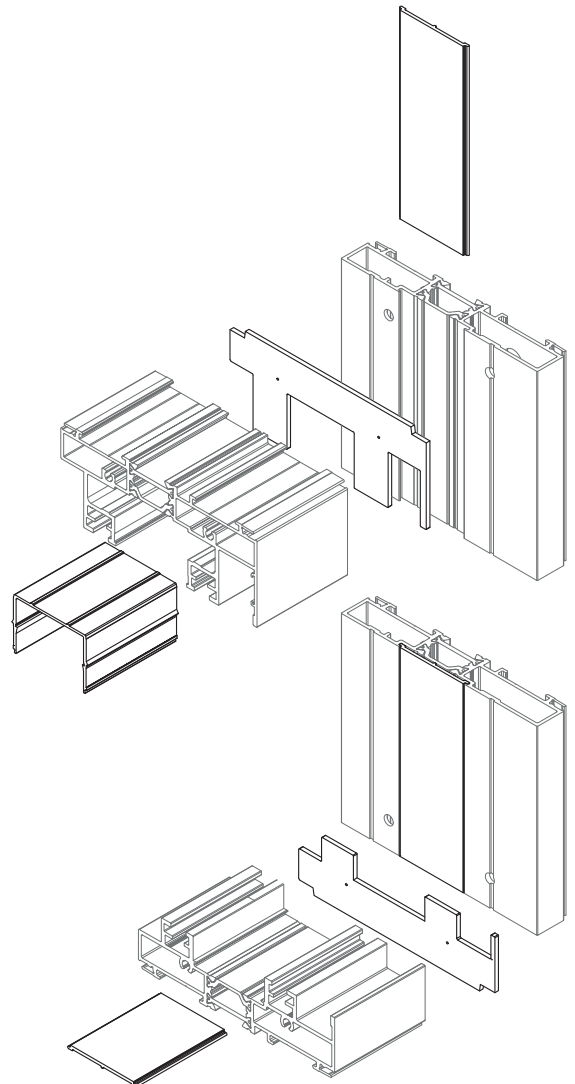
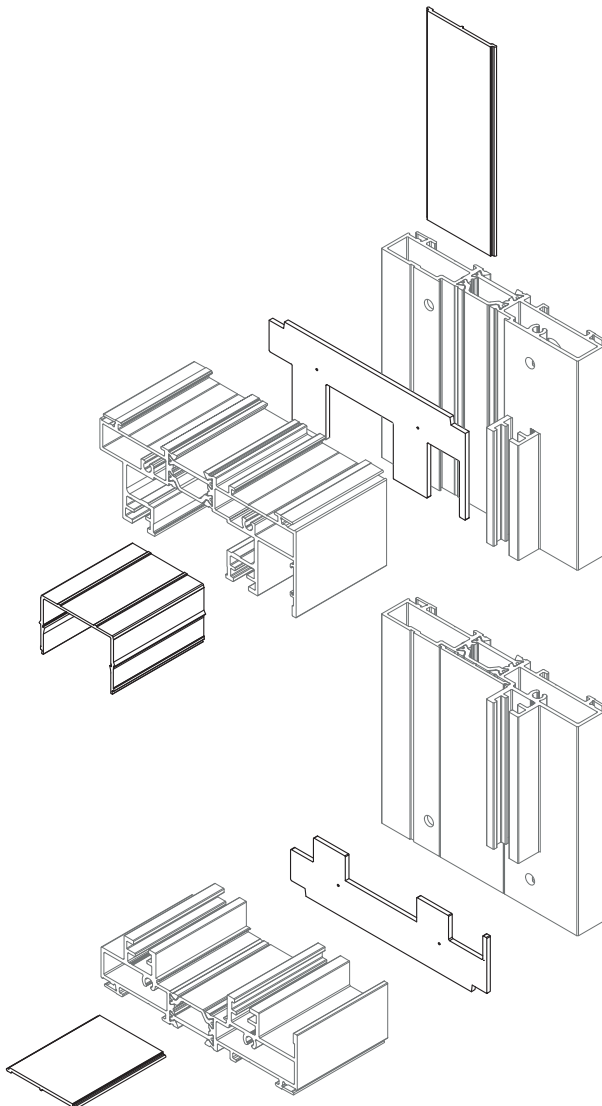


#### IMPORTANTE | IMPORTANT | IMPORTANT:

O perfil PVC U superior só deverá ser aplicada depois de fechar o aro fixo.

The upper U PVC profile must be applied after the fixed frame is closed.

Le profilé en PVC U supérieur ne doit être appliqué qu'après la fermeture du cadre fixe.



**MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)**

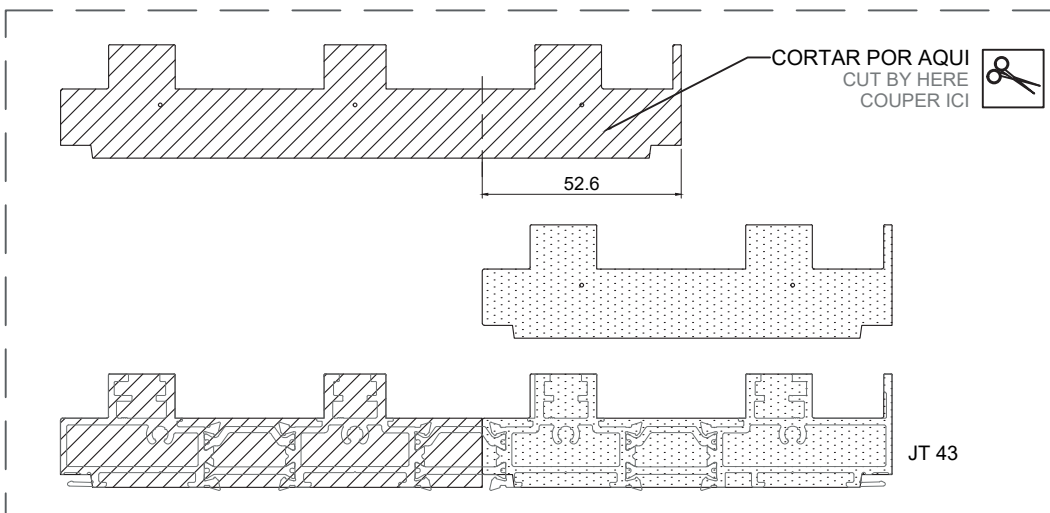
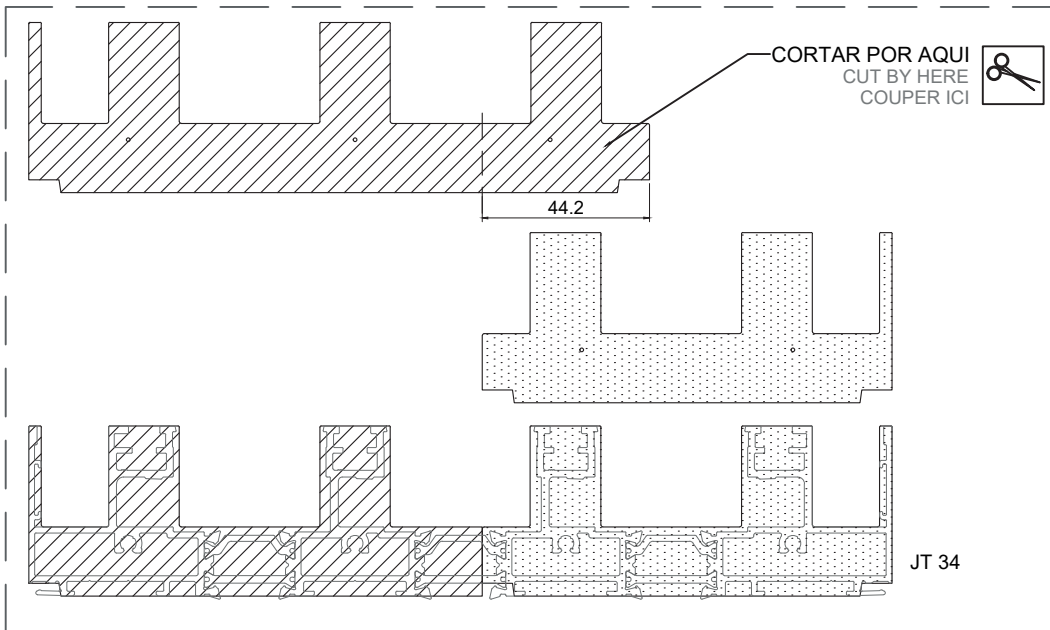
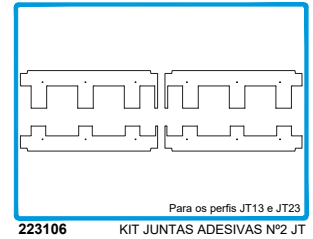
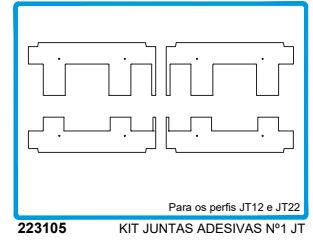
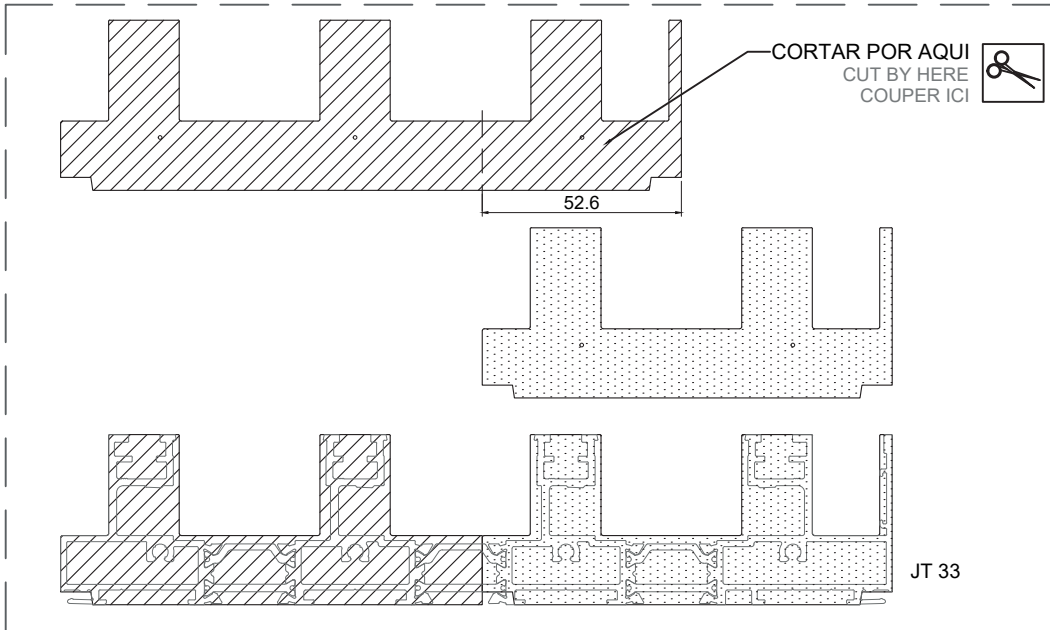
FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)

**3 - Aplicação dos perfis JE96 e PVC U nos aros fixos.**

JE96 e U PVC profiles application in fixed frames.

Application de profilés JE96 et PVC U sur les cadres dormant.



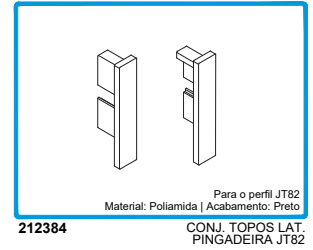
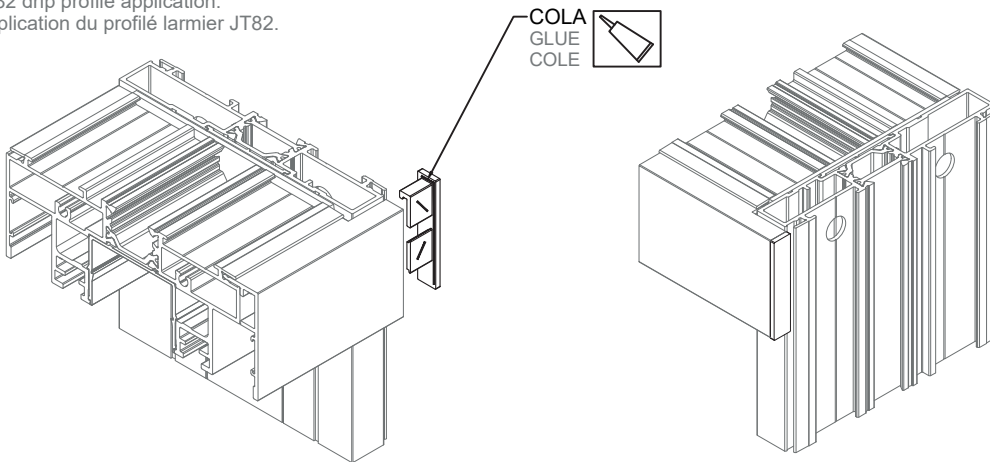
**MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)**

FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)

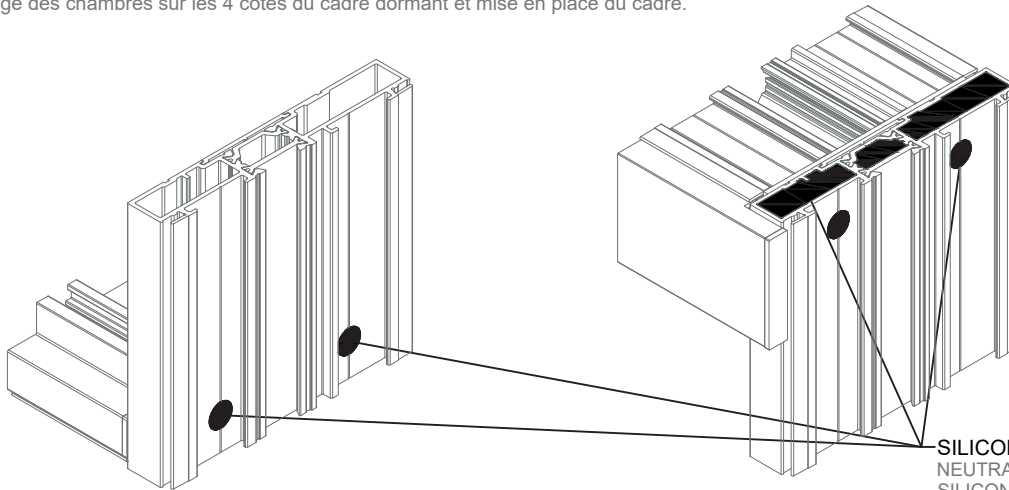
**4 - Aplicação do perfil pingadeira JT82.**

JT82 drip profile application.  
Application du profilé larmier JT82.



**5 - Enchimento das câmaras nos 4 lados do aro fixo e colocação do aro ao sítio.**

Filling the chambers on the 4 sides of the fixed frame and placing the frame in place.  
Remplissage des chambres sur les 4 côtés du cadre dormant et mise en place du cadre.



**6 - Aplicação dos perfis JT78 e JT79 nas ombreiras.**

JT78 and JT79 application in jamb profiles.  
Application des profilés JT78 et JT79 sur les jambages.

**Passo | Step | Étape 1:**

**Colocar o perfil guia lateral na ombreira.**  
Place the lateral guide profile in the jamb.  
Placer le de guidage latéral sur le jambage.

**Passo | Step | Étape 2:**

**Furar os perfis guia lateral e ombreira.**  
Drill the lateral guide and jamb profiles.  
Perçer le guide latéral et les profilés de jambage.

**Passo | Step | Étape 3:**

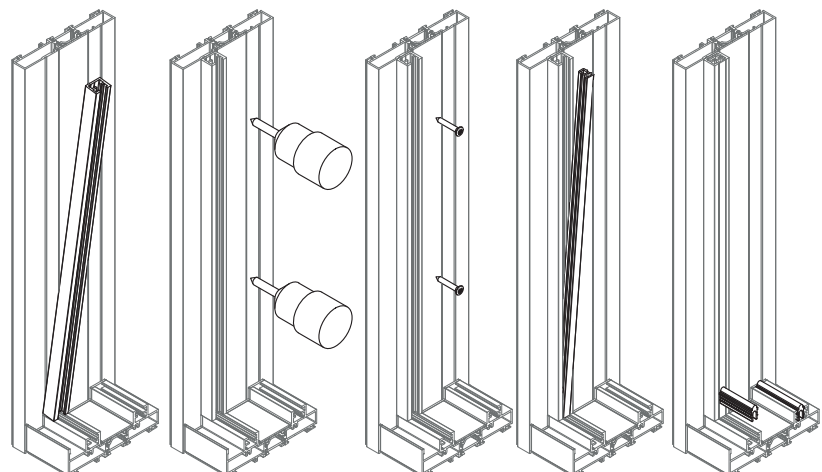
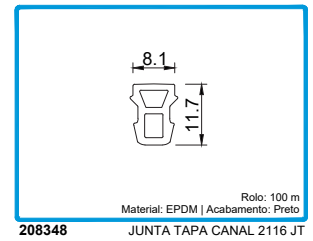
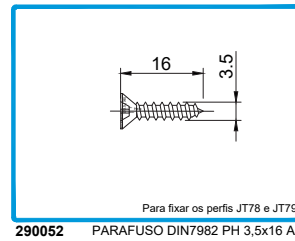
**Fixar a guia lateral à ombreira usando parafusos.**  
Fix the lateral guide into the jamb using screws.  
Fixer le guidage latéral au jambage à l'aide de vis.

**Passo | Step | Étape 4:**

**Aplicar o vedante tapa canal 2116.**  
Apply the 2116 channel cover joint.  
Appliquer le joint de couverture 2116.

**Passo | Step | Étape 5:**

**Aplicar os perfis guia inferiores JT87.**  
Apply the JT87 bottom guide profile.  
Appliquer les profilés de guide inférieures JT87.



O vedante tem de ser interrompido onde se localizarão os contra-fechos (a zona de interrupção deverá ser suficiente para permitir os movimentos do fecho multiponto SOT).  
The joint must be interrupted where the counter-locks will be located (the interrupted zone must be sufficient to allow the movements of the SOT multipoint lock).  
Le joint doit être interrompu à l'endroit où seront situées les contre-serrures (la zone d'interruption doit être suffisante pour permettre les mouvements de la serrure multipoint SOT)

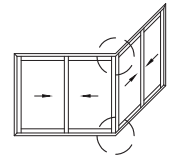
**MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)**

FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)

**7 - Aplicação dos conjunto união reta e canto 90° JT.**

Straight union kit and angles applying in fixed frames.  
Application du kit d'union droit et angle 90° JT.



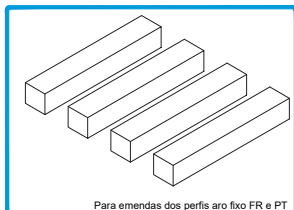
**IMPORTANTE | IMPORTANT | IMPORTANT:**

Encher as câmaras com silicone antes de colocar as peças que constituem os conjuntos, fixá-las conforme esquemas abaixo e aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias.

Fill the chambers with silicone before placing the pieces that constitute the kits, fix them according to the following schemes and apply silicone in the same color as the profiles or neutral silicone in the frame's areas.

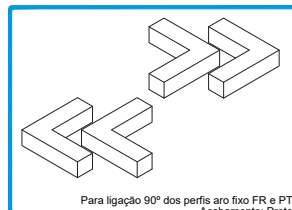
Remplir les chambres de silicone avant de placer les pièces qui composent les ensembles, fixer-les selon les schémas ci-dessous et appliquer du silicone sur la couleur du profil ou du silicone neutre dans la zone des cadres.

**APLICAÇÃO NA PADIEIRA | LINTEL APPLICATION | APPLICATION DANS LE LINTEAU**

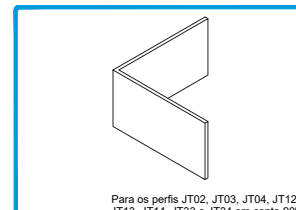


212242 CONJ. UNIÃO RETA JT

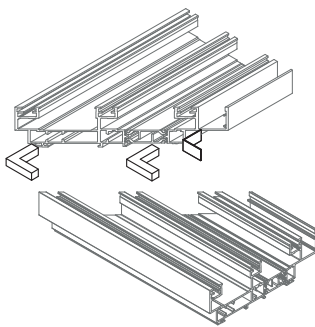
OU | OR | OU



212243 CONJ. UNIÃO CANTO 90° JT

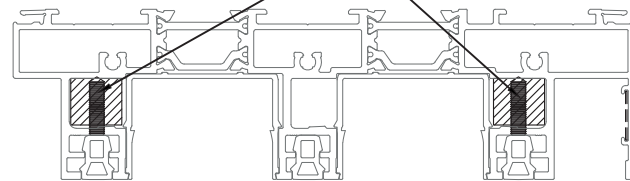


204389 ESQUADRO INOX CANTO 90°

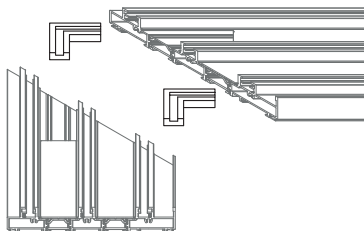


**PERNOS M4x16 (NÃO INCLUIDOS)**  
STUDS M4x16 (NOT INCLUDED)  
BOULONS M4x16 (NON INCLUS)

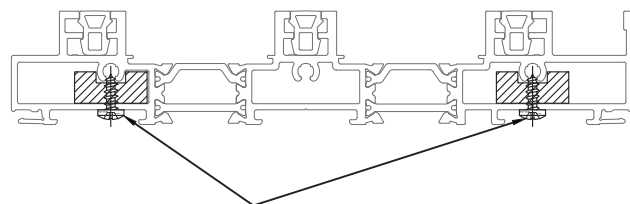
JT 13



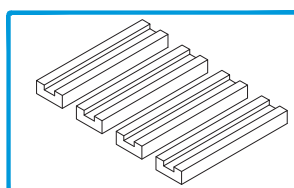
**APLICAÇÃO NA SOLEIRA | SILL APPLICATION | APPLICATION DANS LE SEUIL**



JT 23

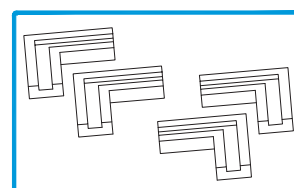


**PARAF. DIN7981 3,5x10 (NÃO INCLUIDOS)**  
SCREWS DIN7981 3,5x10 (NOT INCLUDED)  
VIS DIN7981 3,5x10 (NON INCLUS)



212083 CONJ. UNIÃO RETA ARO BAIXO JT

OU | OR | OU

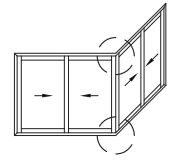


212084 CONJ. UNIÃO CANTO 90° ARO BAIXO JT

**MONTAGEM DOS PERFIS ARO FIXO COM SOLEIRA 30MM (CORTE 90°)**

FIXED FRAME PROFILES ASSEMBLY WITH 30MM SILL PROFILE (90° CUT)

ASSEMBLAGE DES PROFILÉS DORMANT AVEC SEUIL 30MM (COUPE 90°)



**8 - Montagem de aros fixos, em tipologias de canto 90°.**

Fixed frames assembly, in 90° corner typologies.

Montage de cadres dormant, en types d'angle à 90°.

**8.1 - Colocar as peças que constituem o conj. união e os esquadros inox canto 90° nos perfis e fixá-los com parafusos M4x16 (ver página anterior).**

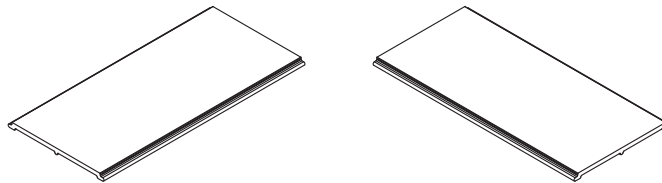
Place the 90° corner union kit pieces and corners and fix them with M4x16 studs (see previous page).

Placer les pièces qui composent le jeu d'union et les supports en acier inoxydable d'angle à 90° sur les profilés et les fixer avec des boulons M4x16 (voir page précédente).

**8.2 - Cortar os perfis JE96 antes de aplicar o corta-vento baixo.**

Cut the JE 96 profiles before applying the low central waterproofing pile seal.

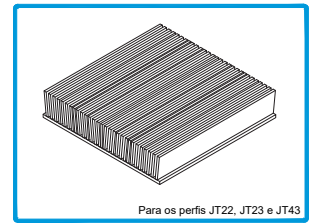
Couper les profilés JE96 avant d'appliquer le brossse centrale d'étanchéité bas.



**8.3 - Aplicar o corta-vento canto 90° JT no aro fixo.**

Apply the 90° corner insulation gasket in the fixed frame.

Appliquer le brossse d'étanchéité angle 90°.

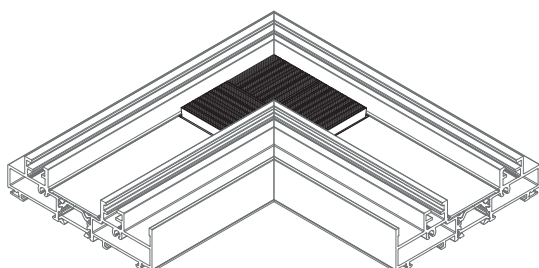
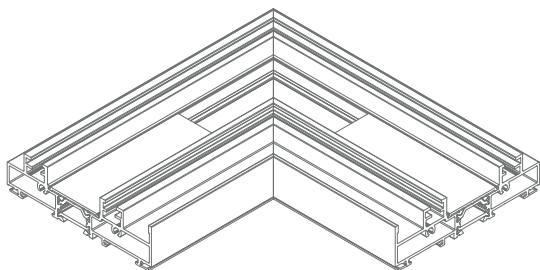
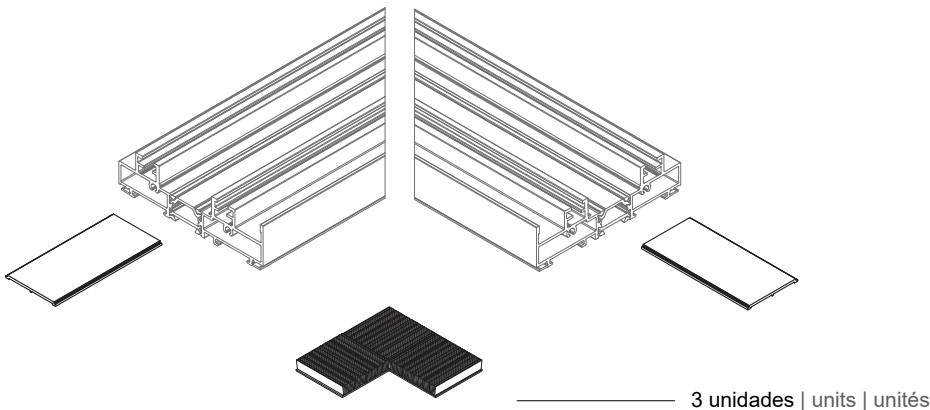


213288 Para os perfis JT22, JT23 e JT43  
CORTA-VENTO BAIXO JT

As medidas de corte dos perfis PVC T encontram-se no mapa de quantidades das tipologias de canto.

The cutting measures of the T PVC profiles can be found in the corners typologies quantity map.

Les mesures de coupe des profilés PVC T se trouvent dans la carte de quantité des typologies d'angle.

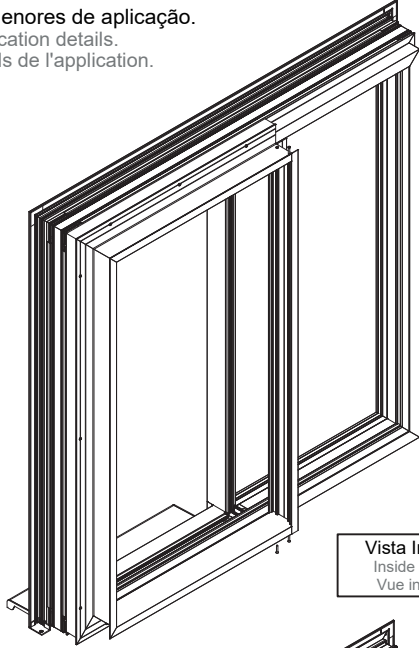


**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Os perfis PVC T superiores só deverão ser colocadas depois de os aros móveis estarem aplicados.  
The upper T PVC profiles must only be installed after the mobile frames are applied.  
Les profilés PVC T supérieures ne doivent être installés qu'après la pose des cadres ouvrants.

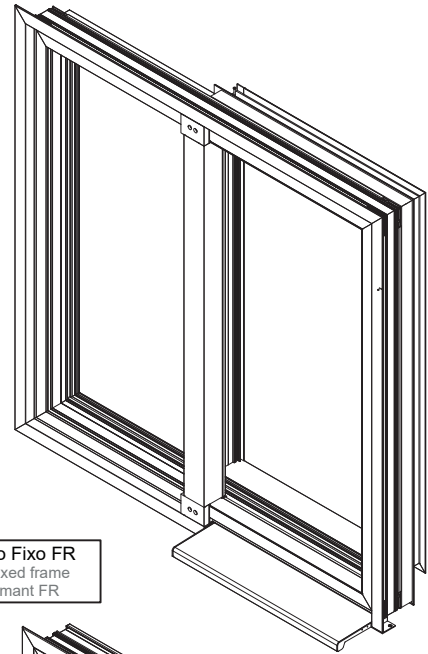


**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

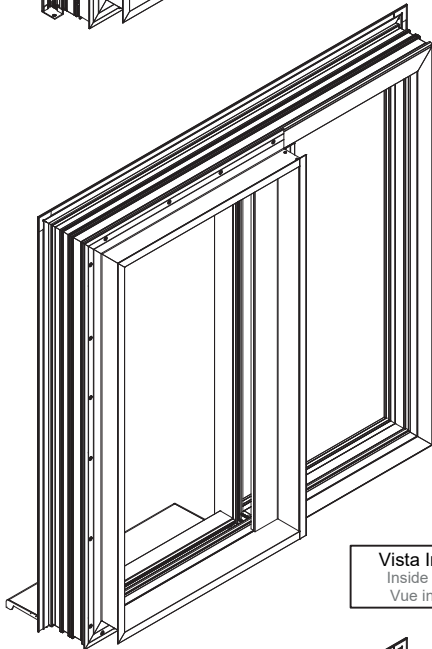
**1 - Pormenores de aplicação.**  
Application details.  
Détails de l'application.



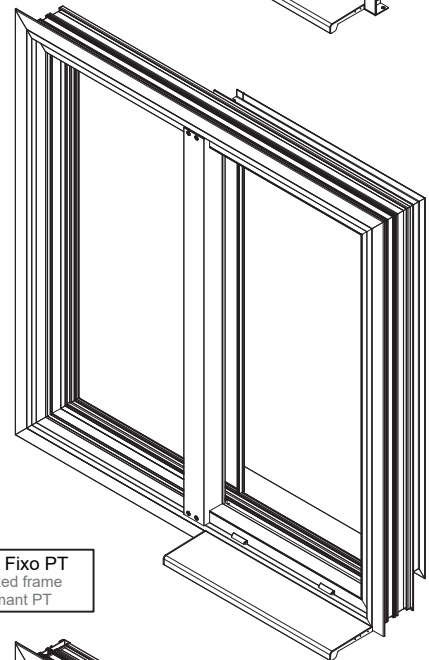
**Vista Interior - Aro Fixo FR**  
Inside View - FR Fixed frame  
Vue intérieure - Dormant FR



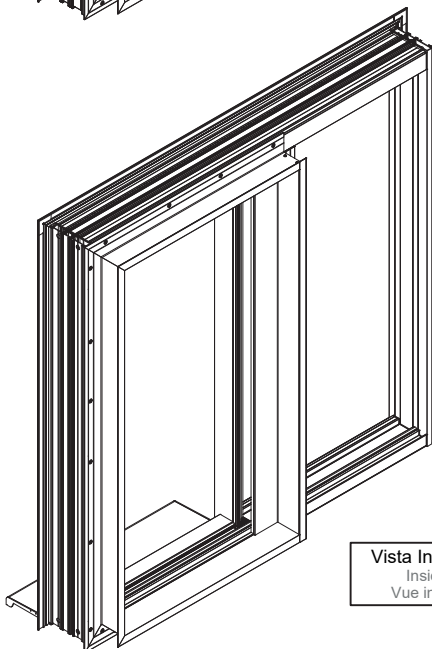
**Vista Exterior - Aro Fixo FR**  
Outside View - FR Fixed frame  
Vue extérieure - Dormant FR



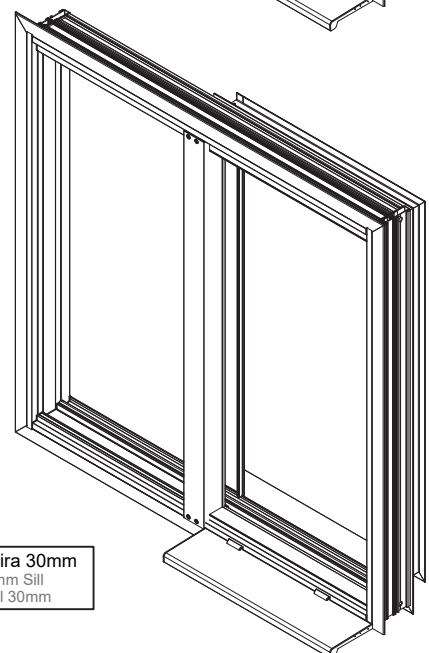
**Vista Interior - Aro Fixo PT**  
Inside View - PT Fixed frame  
Vue intérieure - Dormant PT



**Vista Exterior - Aro Fixo PT**  
Outside View - PT Fixed frame  
Vue extérieure - Dormant PT



**Vista Interior - Soleira 30mm**  
Inside View - 30mm Sill  
Vue intérieure - Seuil 30mm

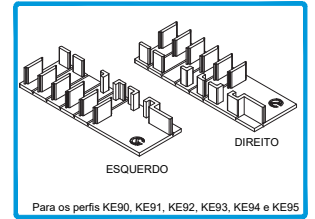
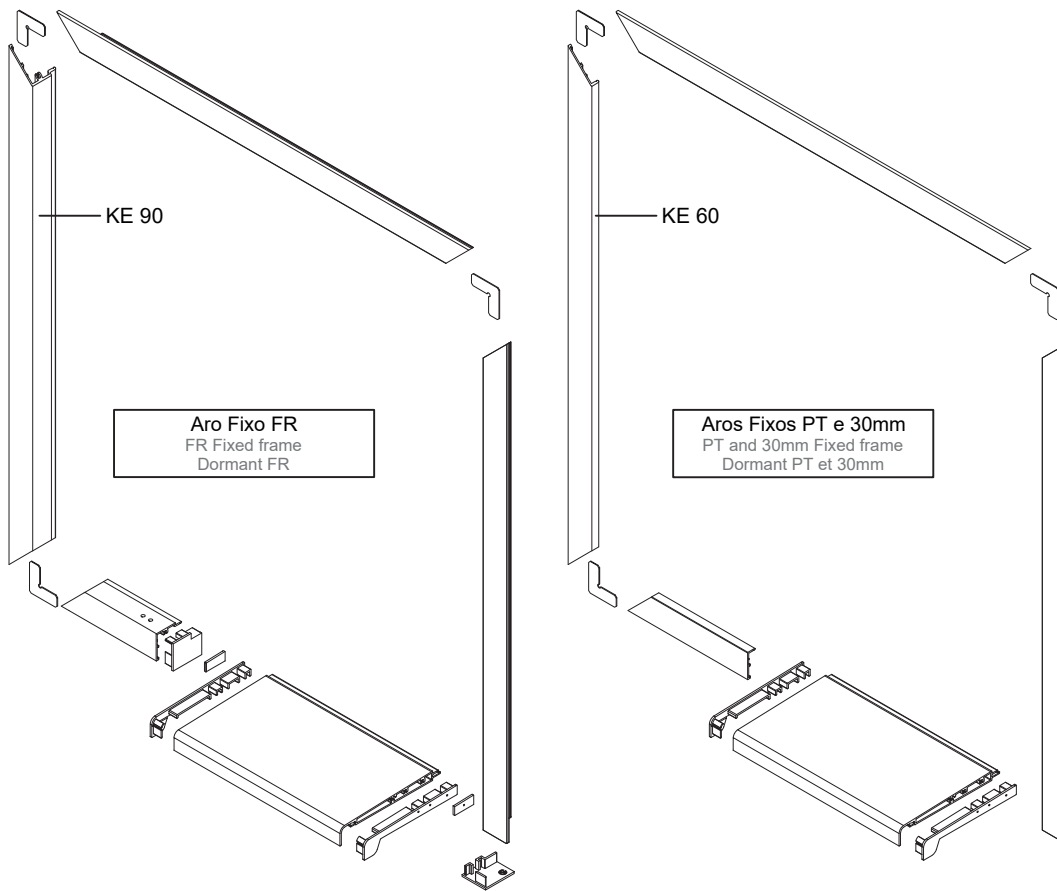


**Vista Exterior - Soleira 30mm**  
Outside View - 30mm Sill  
Vue extérieure - Seuil 30mm

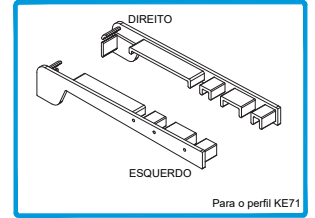
**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

**2 - Aplicação de acessórios para perfis KE 71 e KE 90 / KE 60.**

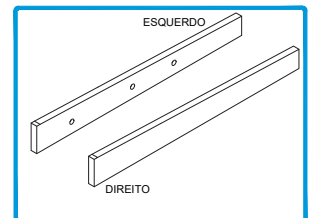
Accessories application for KE 71 and KE 90 / KE 60 profiles.  
Application des accessoires pour les profilés KE 71 et KE 90 / KE 60.



Para os perfis KE90, KE91, KE92, KE93, KE94 e KE95  
**212223** CONJ. TOPOS INFERIORES RENOVATIO



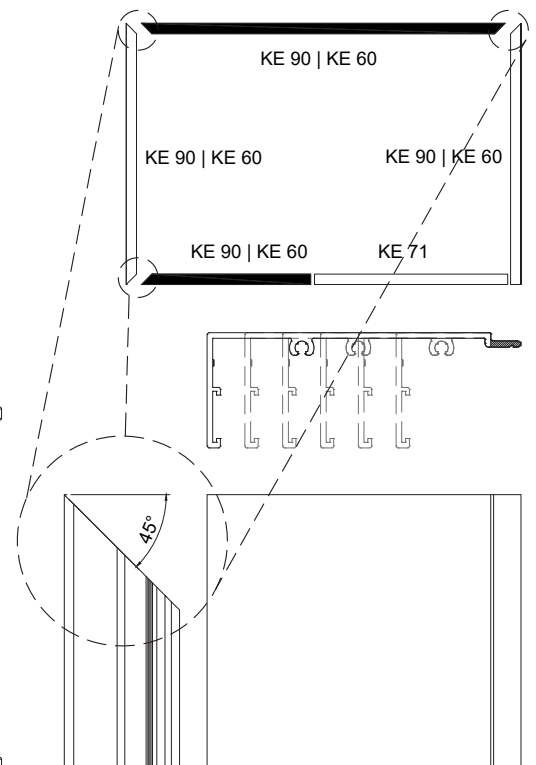
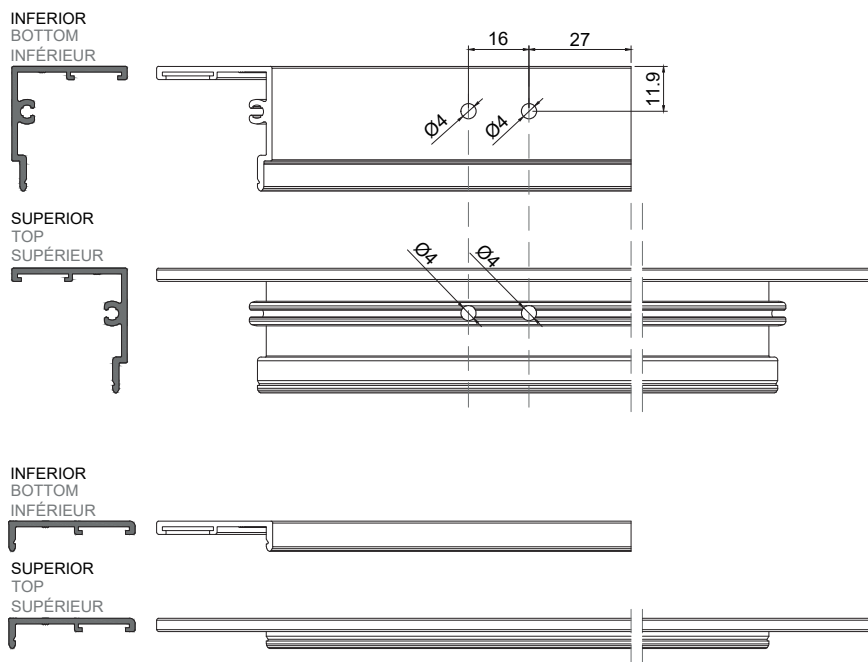
Para o perfil KE71  
**212221** CONJUNTO TAPA TOPOS KE 71



**212227** CONJ. JUNTAS ADESIVAS P/ TOPOS PERFIL SOLEIRA KE71

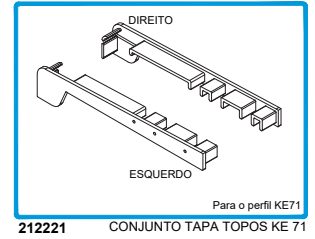
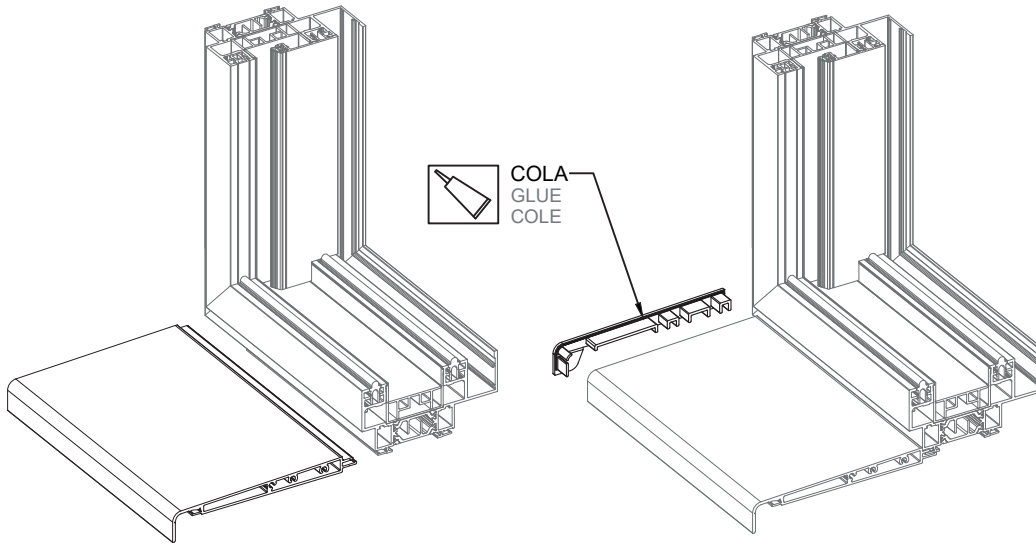
**3 - Medidas de corte e maquinações dos perfis KE 90 / KE 60 horizontais.**

Cutting measures and machining for KE 90 / KE 60 horizontal profiles.  
Mesures de coupe et usinage des profilés horizontaux KE 90 / KE 60.

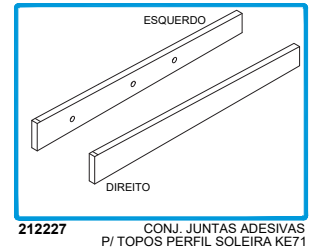
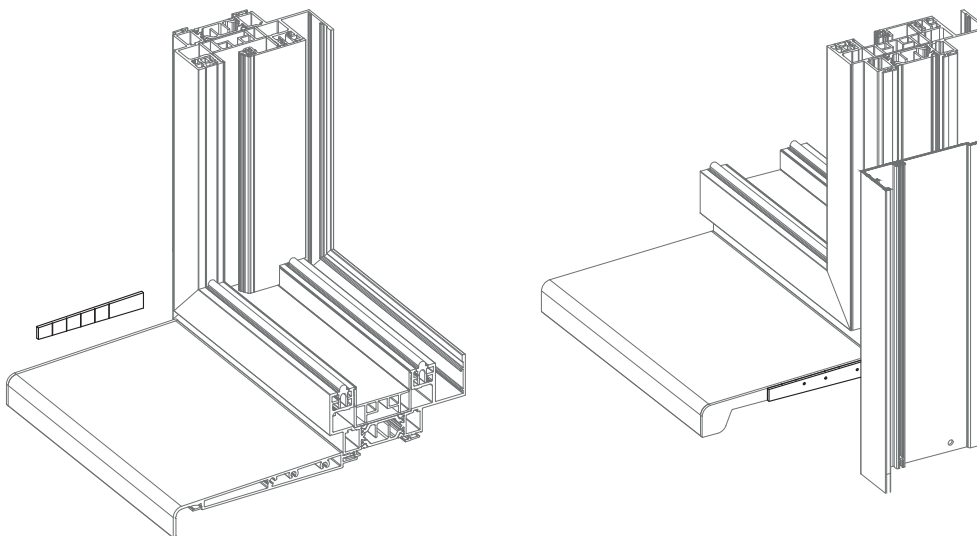


**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

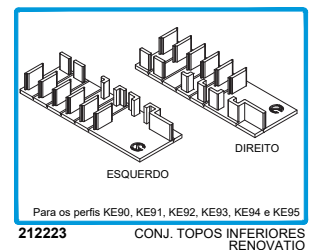
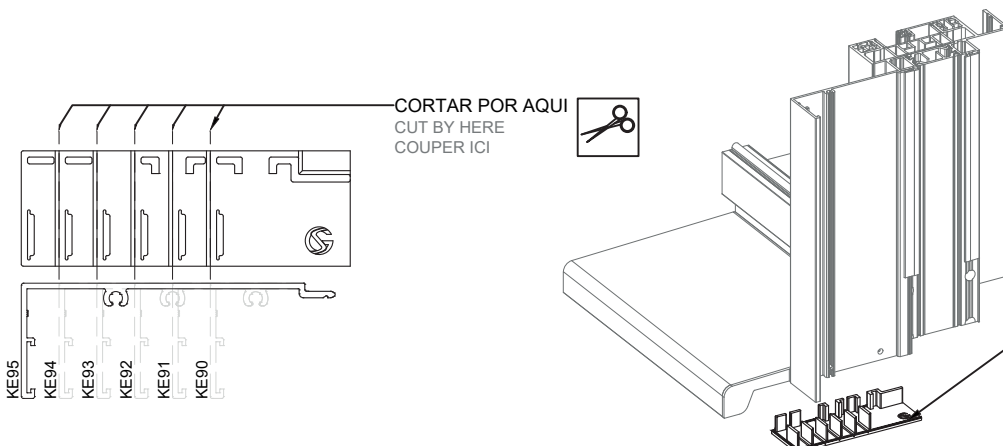
- 4 - Colocar o perfil KE 71 no aro fixo e colocar os seus topos nas extremidades, utilizando cola.  
Place the KE 71 profile in the fixed frame and place their tops at the ends, using glue.  
Placer le profil KE 71 dans le cadre fixe et placer leurs sommets aux extrémités, à l'aide de colle.



- 5 - **Em vãos FR**, aplicar a junta adesiva no topo KE 71 e colocar posteriormente os perfis de remate.  
**In FR fixed frames**, apply the adhesive joint at the KE 71 end-cap and then place the finishing profiles.  
**Dans les dormants FR**, appliquer le joint adhésif sur le embout KE 71 et puis placer les profilés de finition.

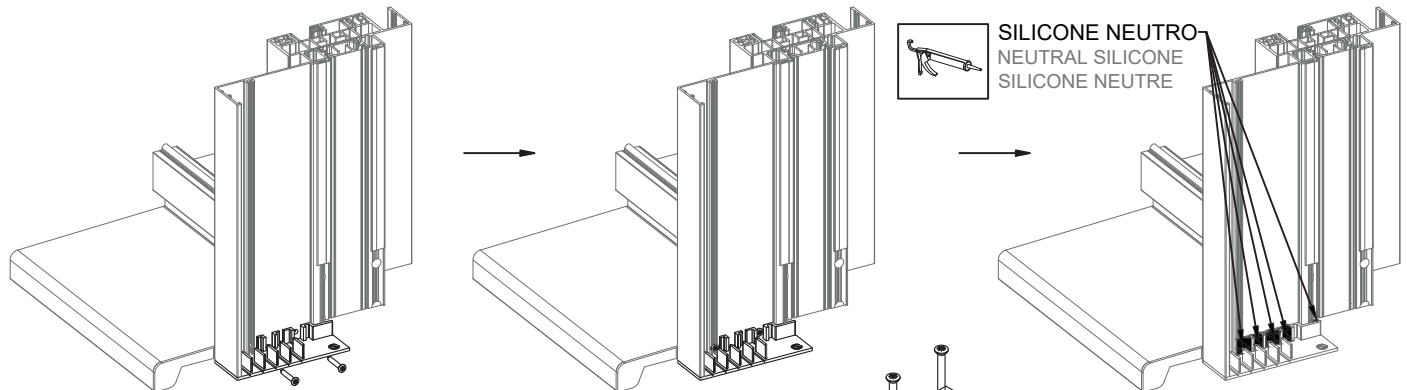


- 6 - **Em vãos FR**, cortar o Conj. de topos inferiores renovatio na utilização dos perfis KE90, KE91, KE92, KE93, KE94 e KE95 e aplicar cola no topo antes de o aplicar.  
**In FR fixed frames**, cut the renovatio lower end-caps kit when using KE90, KE91, KE92, KE93, KE94 and KE95 profiles and apply glue in the end-cap before applying it.  
**Dans les dormants FR**, couper le jeu de dessus inférieurs rénovatio lors de l'utilisation des profilés KE90, KE91, KE92, KE93, KE94 et KE95 et appliquer de la colle sur le dessus avant de l'appliquer.



**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

**7 - Em vãos FR,** fixar o topo e o perfil lateral de remate à soleira KE 71e preencher com silicone.  
**In FR fixed frames,** fix the end-cap and the lateral finishing profile to the KE 71 sill and fill with silicone.  
**Dans les dormants FR,** fixer les profilés supérieur et latéral au seuil KE 71 et remplir de silicone.



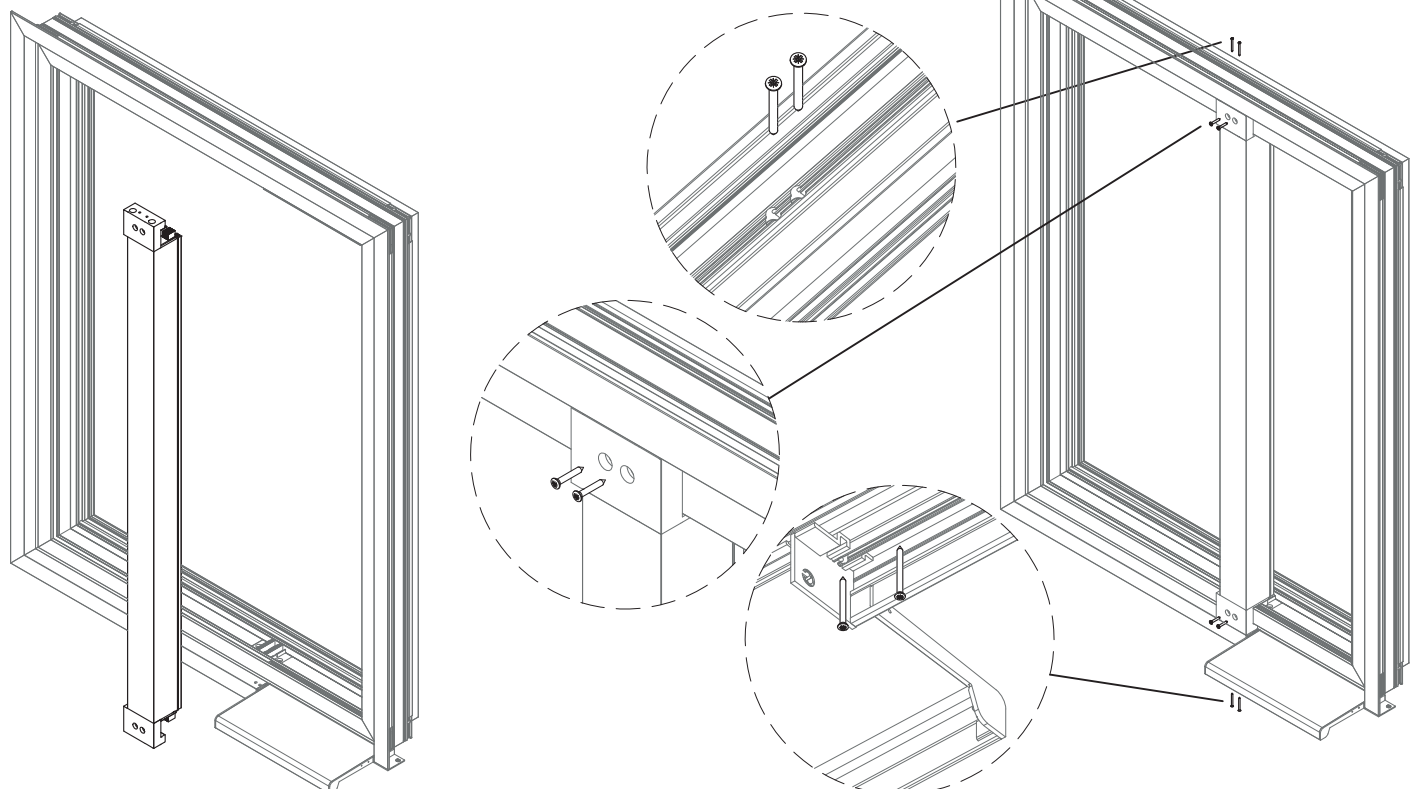
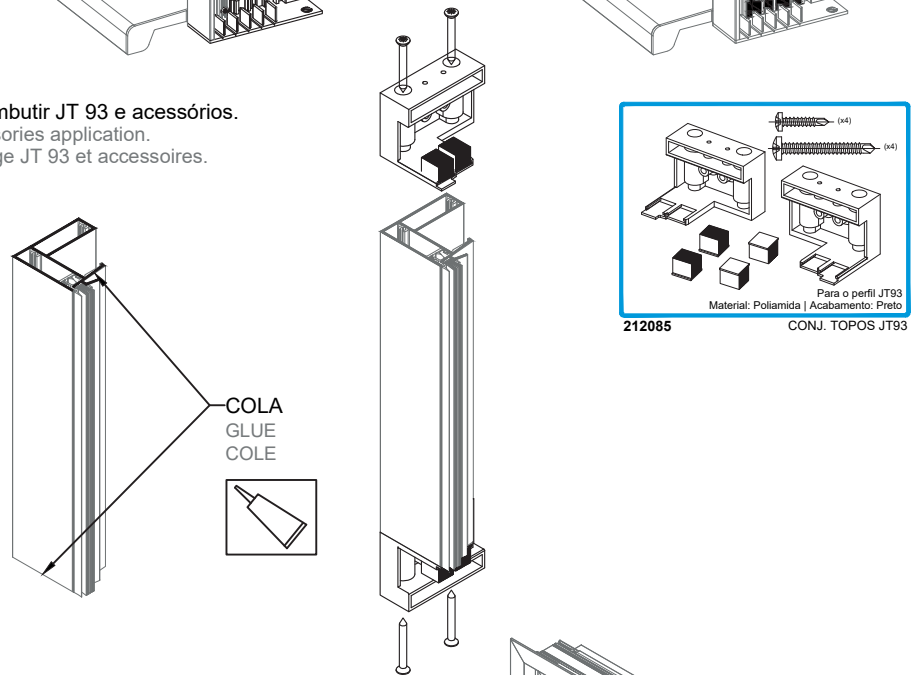
**8 - Aplicação do perfil montante para solução de embutir JT 93 e acessórios.**  
JT 93 mullion profile for pocket solution and accessories application.  
Application du profilé de meneau pour galandage JT 93 et accessoires.

**8.1 - Aro fixo FR.**  
FR fixed frame.  
Dormant FR.

**Passo | Step | Étape 1:**  
**Aplicar cola nas extremidades do perfil JT93.**  
Apply glue to the ends of the profile.  
Perçer le guide latéral et les profilés de jambage.

**Passo | Step | Étape 2:**  
**Aparafusar os topos ao perfil.**  
Screw the end-caps to the profile.  
Fixer le guidage latéral au jambage à l'aide de vis.

**Passo | Step | Étape 3:**  
**Fixar o perfil JT93 ao aro fixo.**  
Fix the JT93 profile to the fixed frame.  
Fixer le profilé JT93 au le cadre dormant.



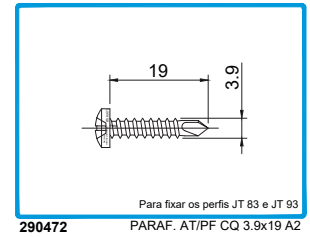
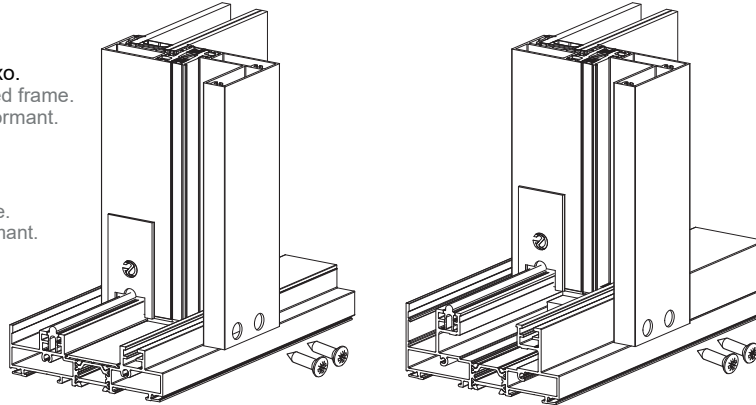
**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

**8 - Aplicação do perfil montante para solução de embutir JT 93 e acessórios.**  
JT 93 mullion profile for pocket solution and accessories application.  
Application du profilé de meneau pour galandage JT 93 et accessoires.

**8.2 - Aros fixo PT e 30mm.**  
PT and 30mm fixed frame.  
Dormants PT et 30mm.

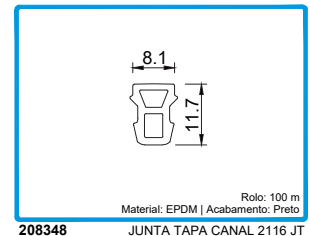
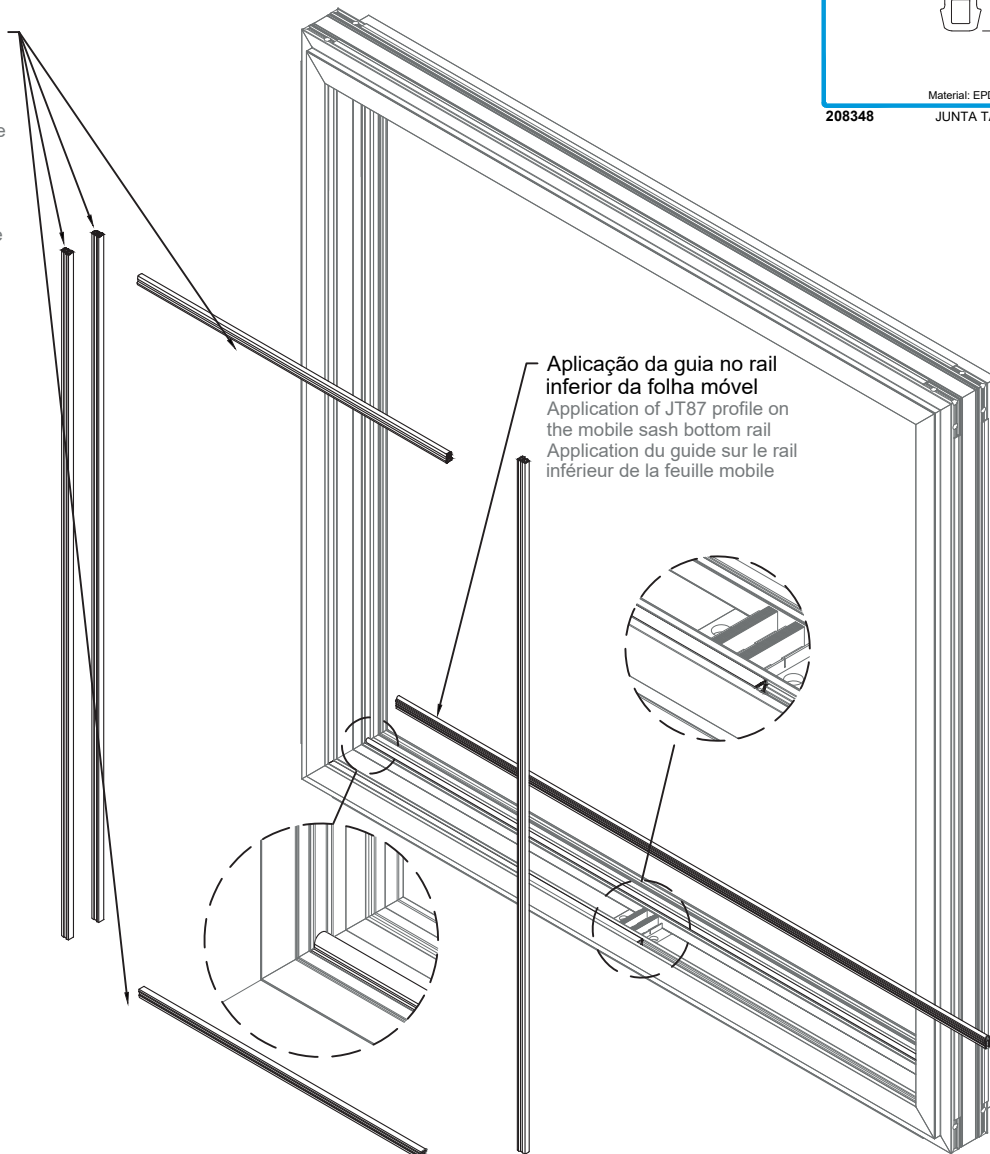
**Passo | Step | Étape 1:**  
Posicionar o perfil JT 93 no aro fixo.  
Position the JT 93 profile on the fixed frame.  
Positionner le profilé JT 93 sur le dormant.

**Passo | Step | Étape 2:**  
Fixar o perfil JT93 ao aro fixo.  
Fix the JT93 profile to the fixed frame.  
Fixer le profilé JT93 au le cadre dormant.



**9 - Aplicação da Junta tapa canal 2116 JT e dos perfis guia JT87.**  
2116 channel cover joint and JT87 guide profiles application.  
Application du joint de recouvreure de canal 2116 JT et des profilés de guide JT87.

**Aplicação superior e inferior da Junta tapa canal no rail vazio e no rail superior da folha móvel**  
Upper and lower application of the channel cover joint on the empty rail and upper application on the mobile frame upper rail  
Application supérieure et inférieure du joint de couvercle de canal sur le rail vide et le rail supérieur de la feuille mobile



**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

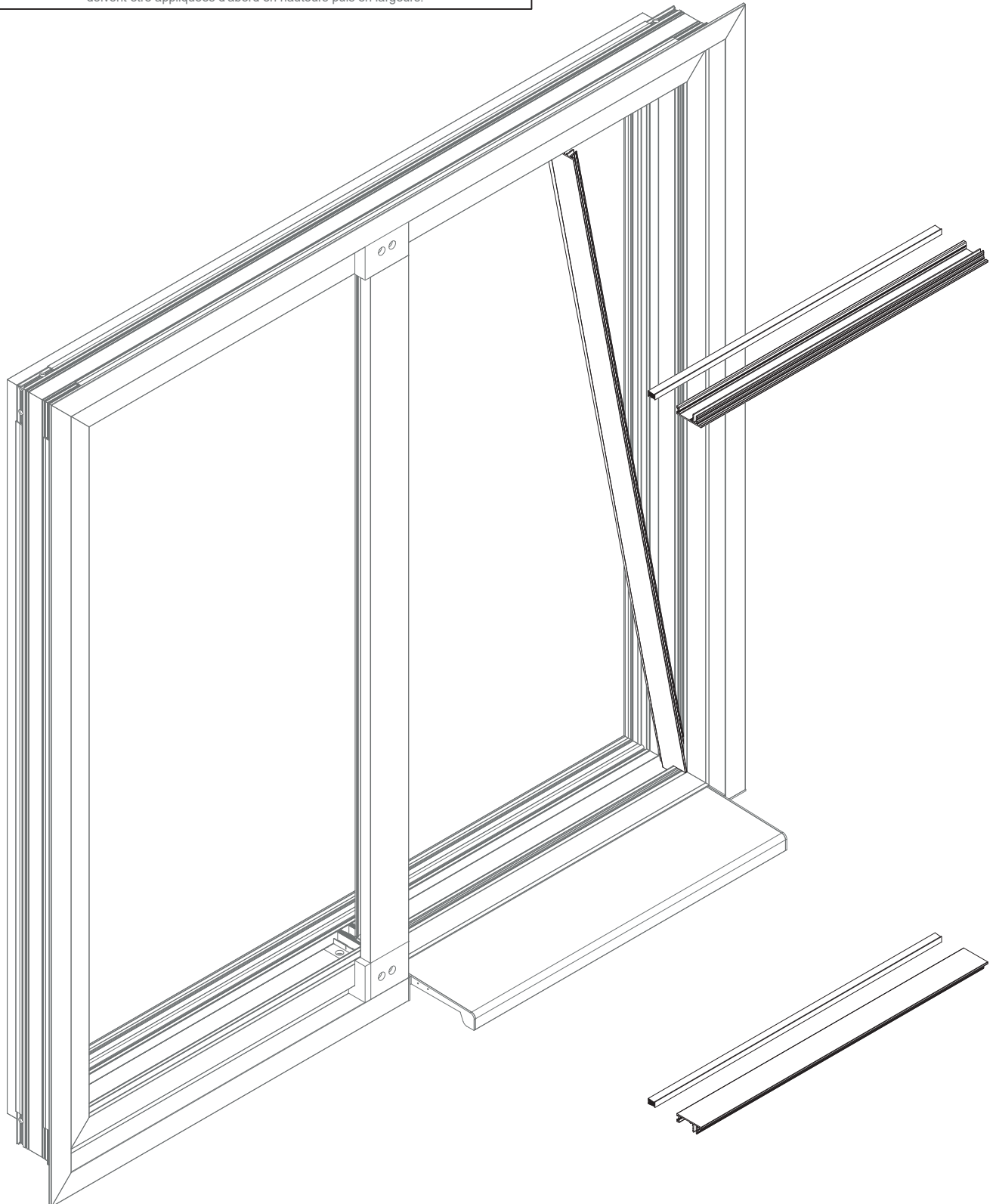
10 - Aplicação dos perfis capa JT85 e JT88.  
JT85 and JT88 cover profiles application.  
Application des profilés de capot JT85 et JT88.

**IMPORTANTE | IMPORTANT | IMPORTANT:**

As pelúcias já deverão estar colocadas nos perfis de capa antes da sua aplicação e deverão ser aplicadas primeiro as alturas e só depois as larguras.

The pile seals must already be placed on the cover profiles before application and the heights must be applied first and only then the widths.

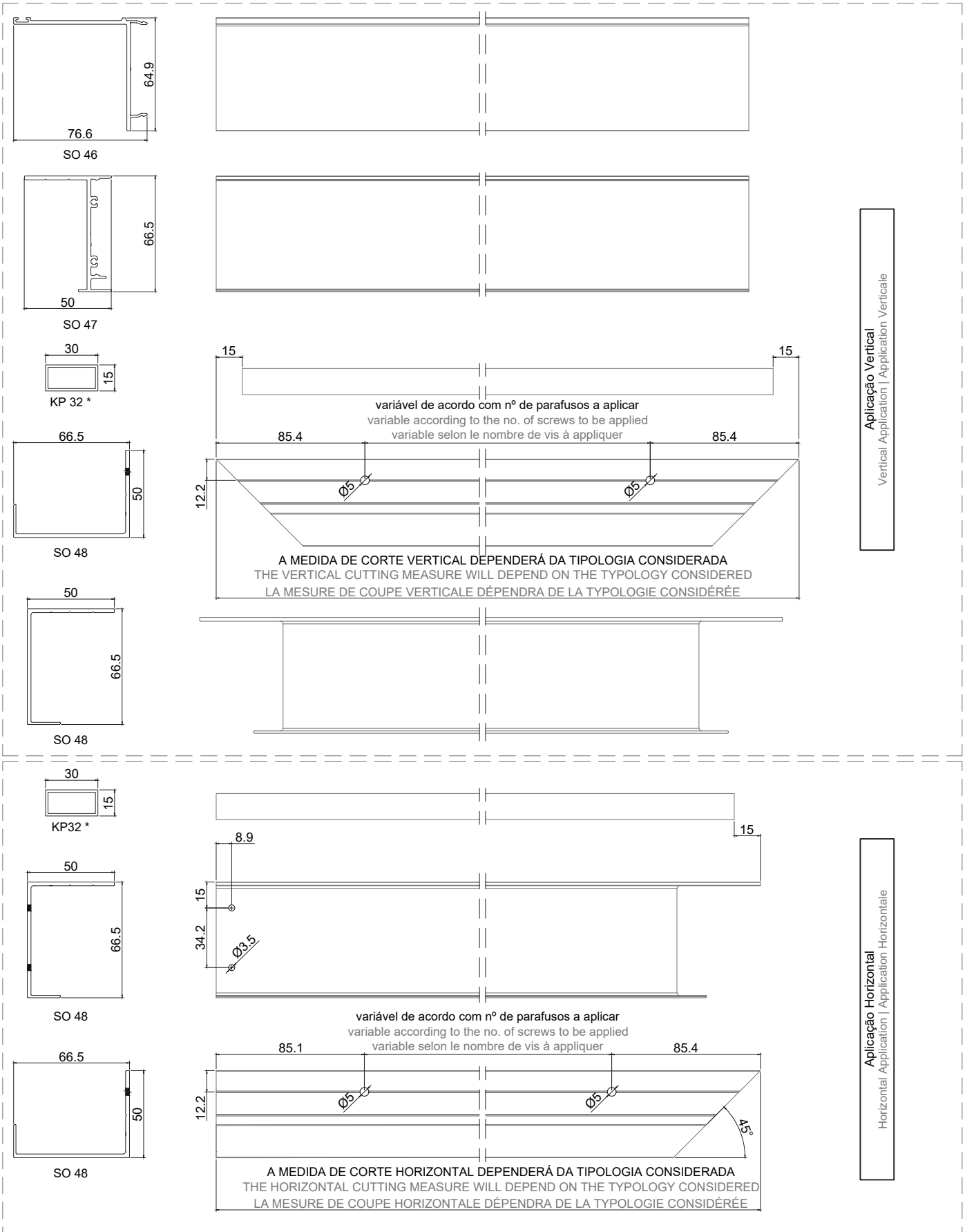
Les joint brosses doivent déjà être placées sur les profilés de capot avant d'être appliquées et doivent être appliquées d'abord en hauteurs puis en largeurs.



**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

**11 - Corte e maquinações dos perfis de remate.**  
Finishing profiles cutting and milling.  
Découpe et usinage des profilés de finition.

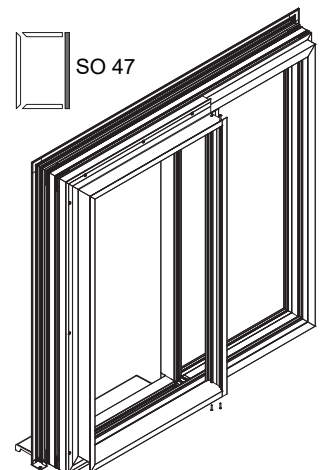
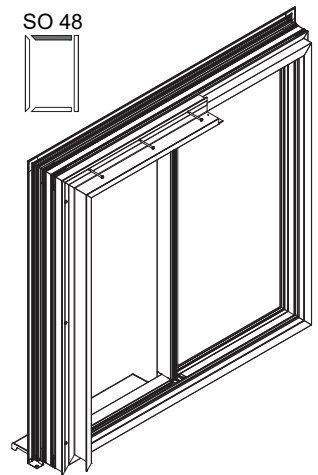
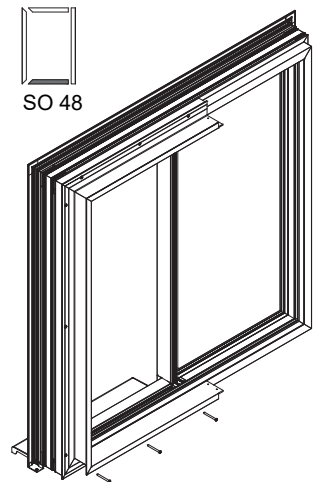
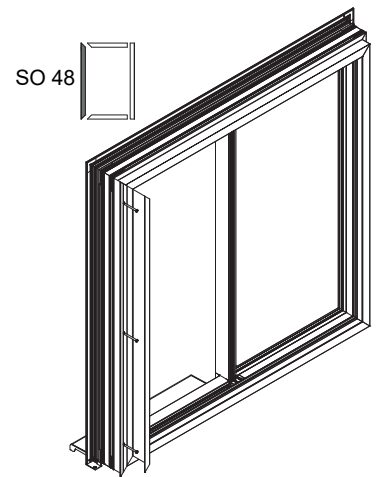
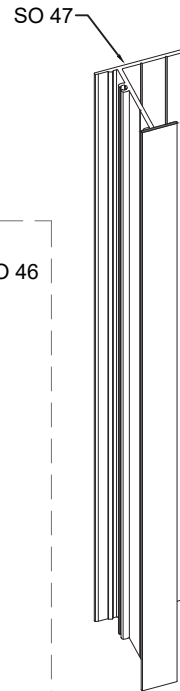
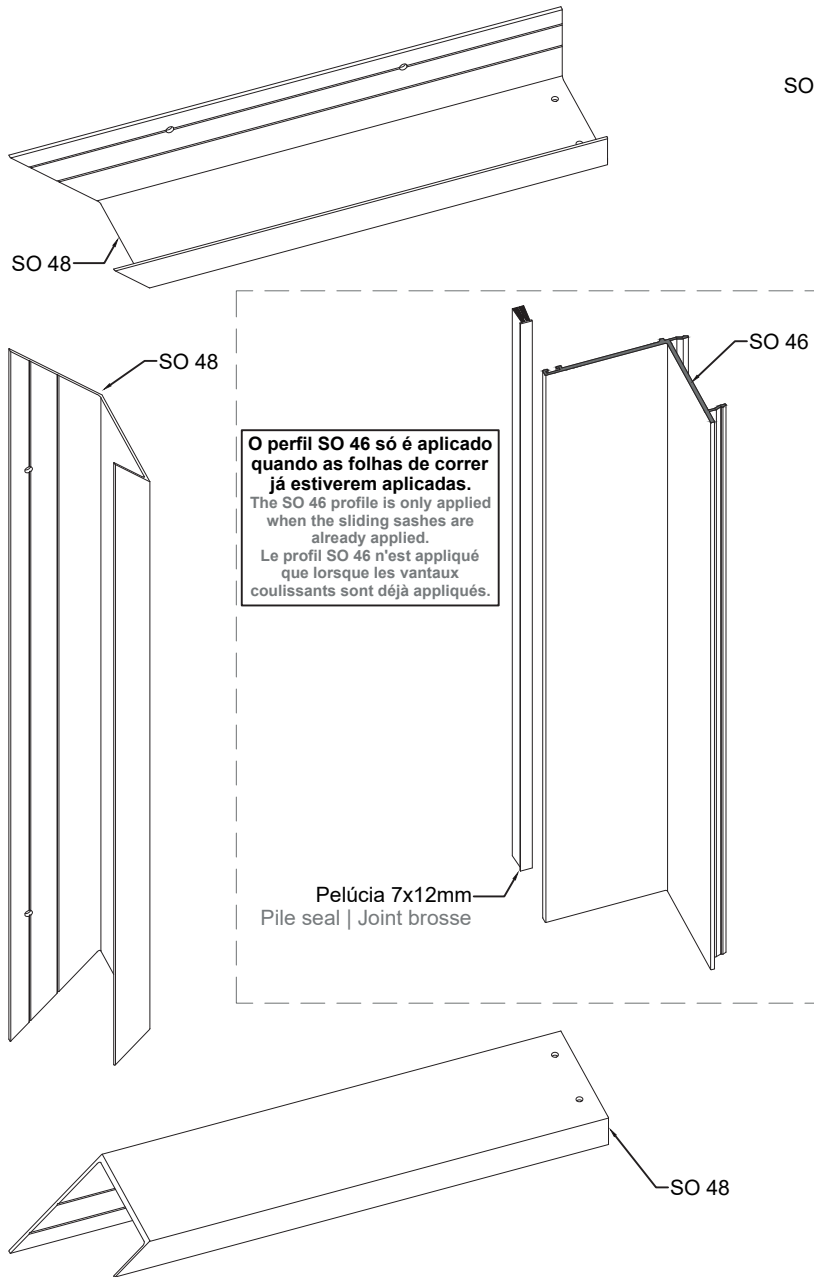
**IMPORTANTE | IMPORTANT | IMPORTANT:**  
As medidas de corte podem variar consoante a tipologia do vão.  
The cutting measures may vary according to the typology of the frame.  
Les mesures de coupe peuvent varier en fonction du type de travée.



\* Considerar apenas em tipologias FR. | Consider only in FR typologies. | À considérer uniquement dans les typologies FR.

**MONTAGEM DE TIPOLOGIAS DE EMBUTIR**  
HIDDEN SLIDING TYPOLOGIES ASSEMBLY  
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

12 - Sequência de montagem.  
Assembly sequencyence.  
Séquence d'assemblage.

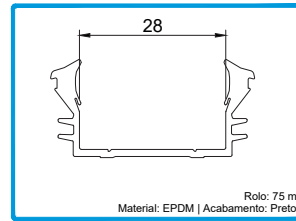




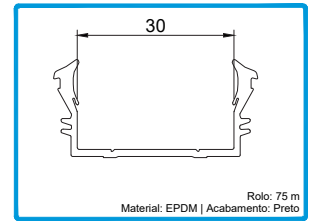
**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

1 - Montagem do vidro.  
Glass assembly.  
Assemblage du verre.

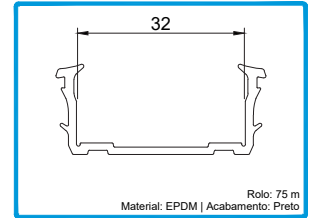
1.1 - Corte dos cantos da junta de vidro U.  
U glazing gasket corners cutting.  
Couper de les coins du joint du verre U.



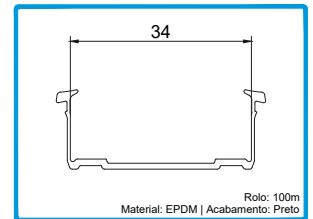
208477 JUNTA VIDRO U 1028 CX 28MM JT



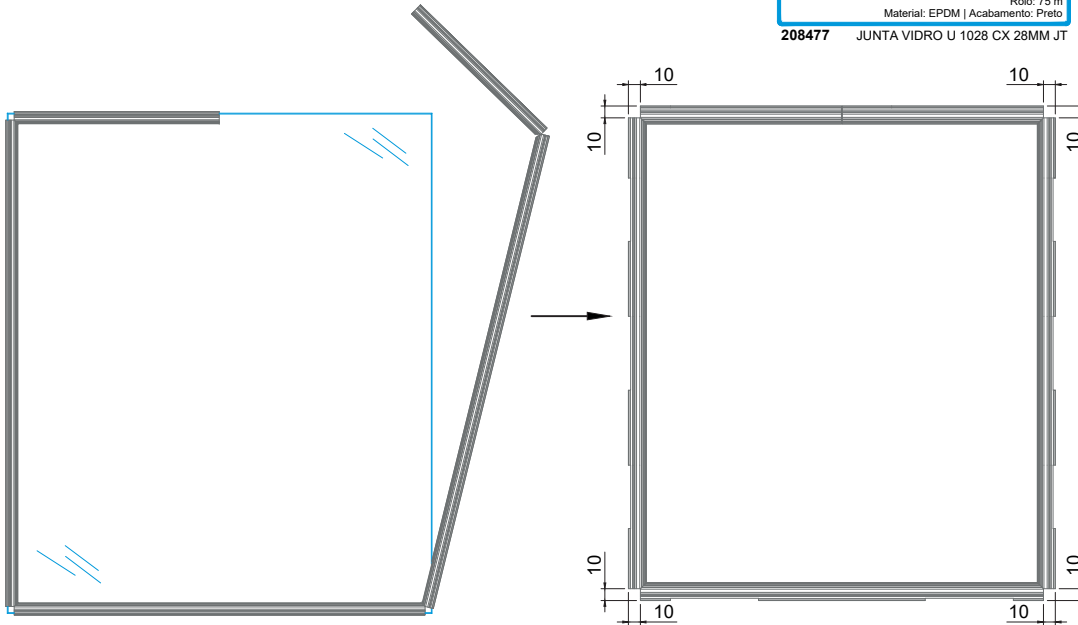
208478 JUNTA VIDRO U 1030 CX 30MM JT



208099 JUNTA VIDRO U 1032 CX 32MM JT



208483 JUNTA VIDRO U 1034 CX 34MM JT

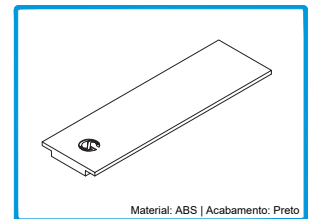


**IMPORTANTE | IMPORTANT | IMPORTANT:**

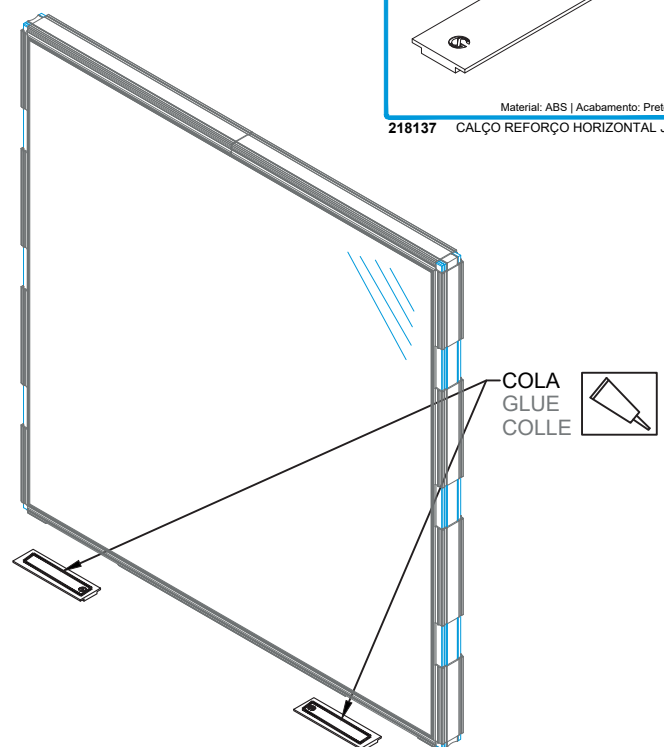
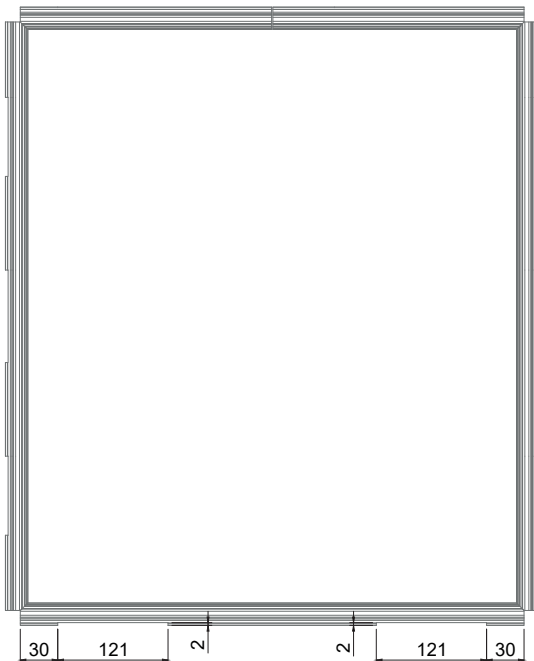
As operações a efetuar na junta deverão ser feitas com esta já aplicada no vidro, mas antes de se colocarem os perfis de alumínio.  
The operations to be carried out on the joint must be done with it already applied in the glass, but before placing the aluminum profiles.  
Les opérations à effectuer sur le joint doivent être effectuées avec celui-ci déjà appliqué sur le verre, mais avant la pose des profilés en aluminium.

1.3 - Corte adicional da junta de vidro U para colocação de calços de reforço horizontal.

U glazing gasket additional cutting for placing the reinforcement shims.  
Coupe supplémentaire du joint du verre U pour la mise en place des cales de renforcement horizontal.



218137 CALÇO REFORÇO HORIZONTAL JT



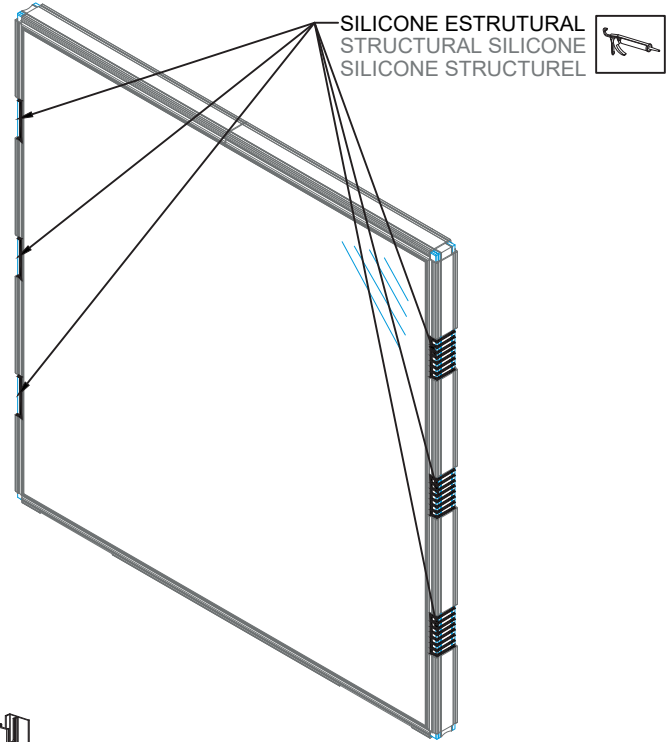
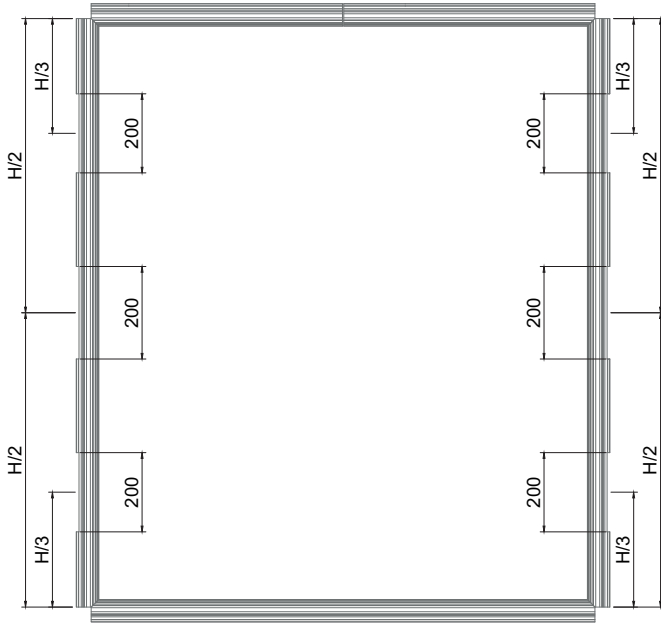
**IMPORTANTE | IMPORTANT | IMPORTANT:**

Esta operação apenas será necessária em vidros com mais de 80Kg.  
This operation will only be necessary for glasses with more than 80Kg.  
Cette opération ne sera nécessaire que pour les verres de plus de 80Kg.

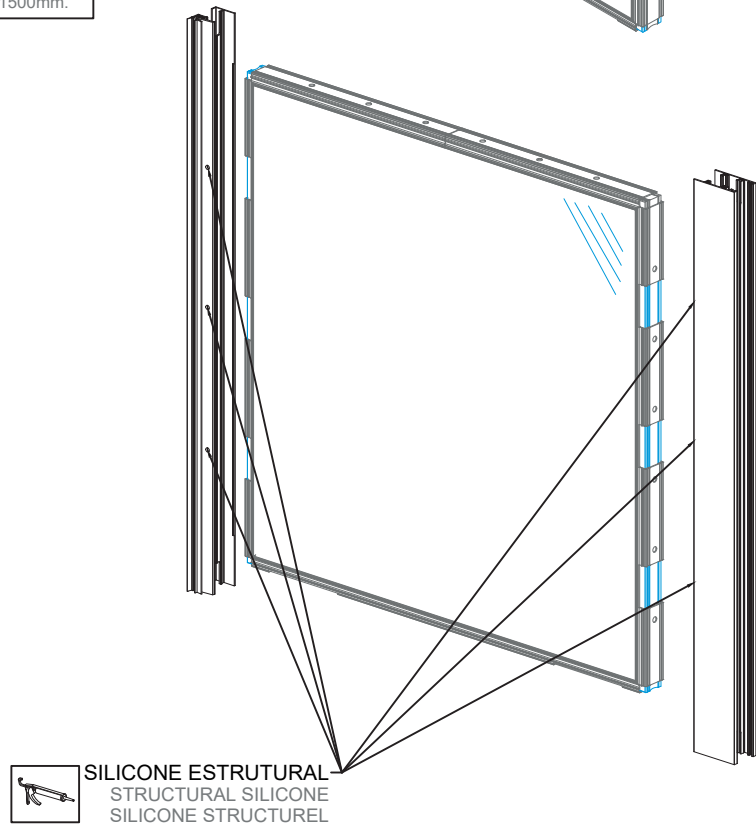
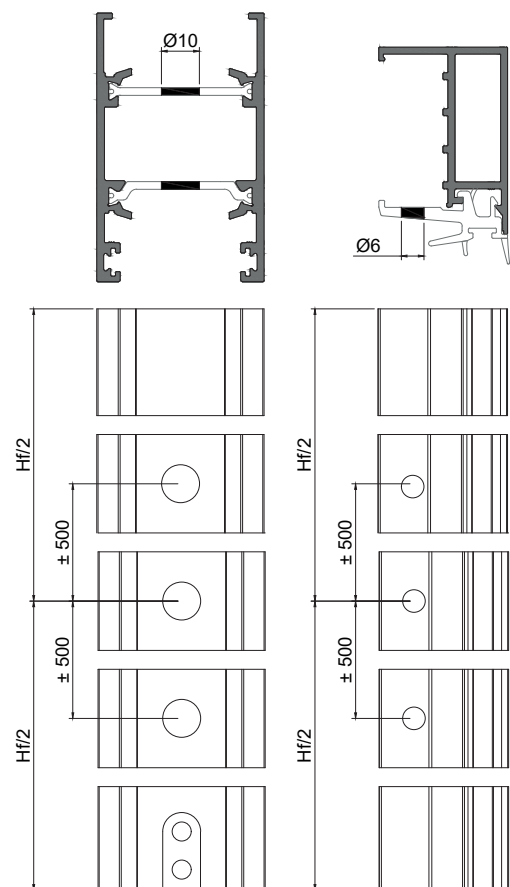
**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

1 - Montagem do vidro.  
Glass assembly.  
Assemblage du verre.

1.5 - Corte da junta de vidro U e furação dos perfis laterais e centrais, para colagem estrutural do vidro.  
U glazing gasket cutting and drilling the lateral and central profiles, for structural bonding of the glass.  
Couper le joint de verre en U et percer les profilés latéraux et centraux pour le collage structural du verre.



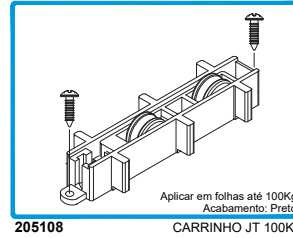
**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Esta operação terá de ser feita em todos os vidros, H>1500mm.  
This operation must be done on all glasses, H>1500mm.  
Cette opération devra être effectuée sur toutes les verres, H>1500mm.



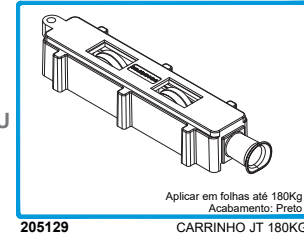
**IMPORTANTE | IMPORTANT | IMPORTANT:**  
Preencher na totalidade o espaço entre o vidro e o perfil com silicone estrutural.  
Completely fill the space between the glass and the profile with structural silicone.  
Remplir complètement l'espace entre le verre et le profilé avec du silicone structurel.

**MONTAGEM DOS PERFIS ARO MÓVEL**  
**MOBILE FRAME PROFILES ASSEMBLY**  
**ASSEMBLAGE DES PROFILÉS OUVRANT**

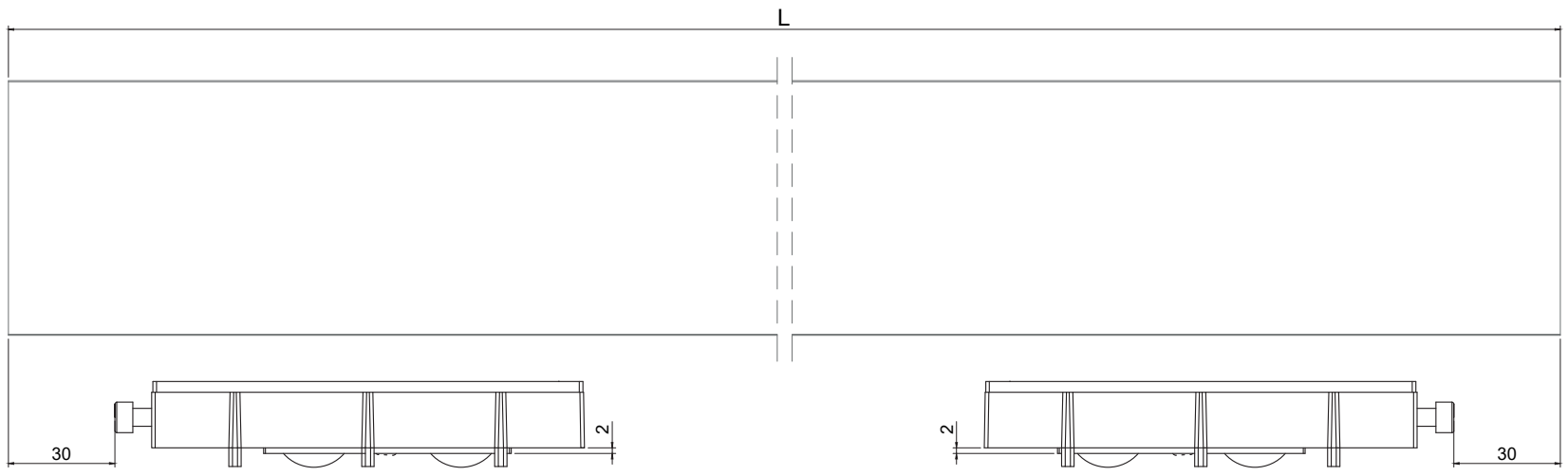
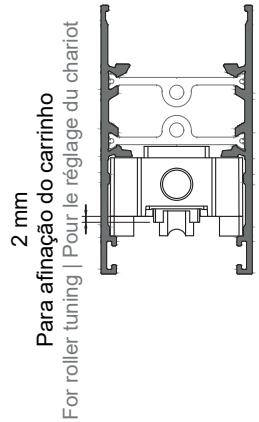
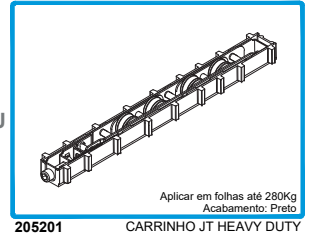
**2 - Colocação dos carrinhos nas travessas inferiores.**  
 Rollers placement on the bottom transoms.  
 Placement des roulettes sur les traverses inférieures.



OU  
 OR | OU



OU  
 OR | OU



**IMPORTANTE | IMPORTANT | IMPORTANT:**  
 Os carrinhos devem ser aplicados nas travessas inferiores antes de fechar o aro móvel.  
 The rollers must be applied on the lower transoms before closing the mobile frame.  
 Les roulettes doivent être appliqués sur les traverses inférieures avant de fermer le cadre ouvrant.

**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**3 - Montagem e fixação do aro móvel.**

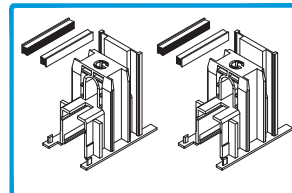
Mobile frame assembling and fixing.

Montage et fixation de le cadre ouvrant.

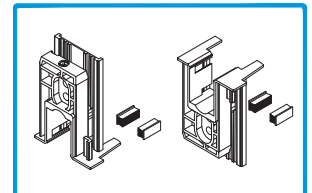
**3.1 - Colar as pelúcias nos topos laterais e centrais, antes de os colocar nos perfis.**

Glue the pile seals of the lateral and central end-caps before placing them in the profiles.

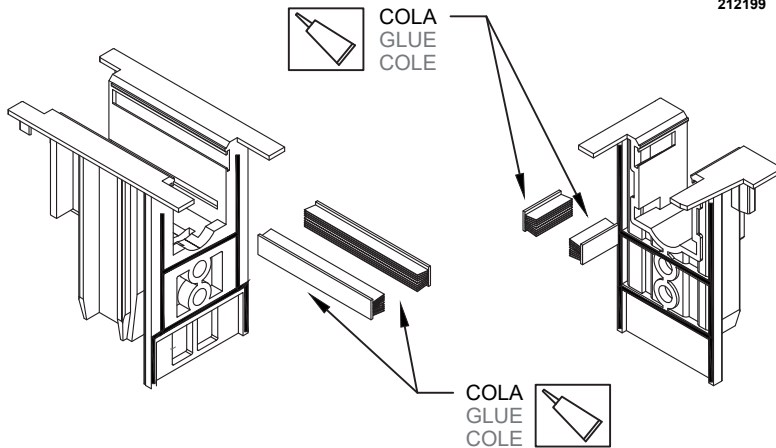
Coller les joint brosses sur les embouts latéraux et centraux avant de les placer sur les profilés.



212199 CONJ. TOPOS LAT. JT N°1  
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto



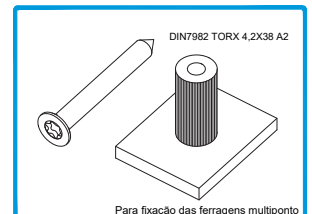
212231 CONJ. TOPOS CENTRAIS JT  
Para os perfis JT 51, 52, 53 e 54  
Material: Poliamida | Acabamento: Preto



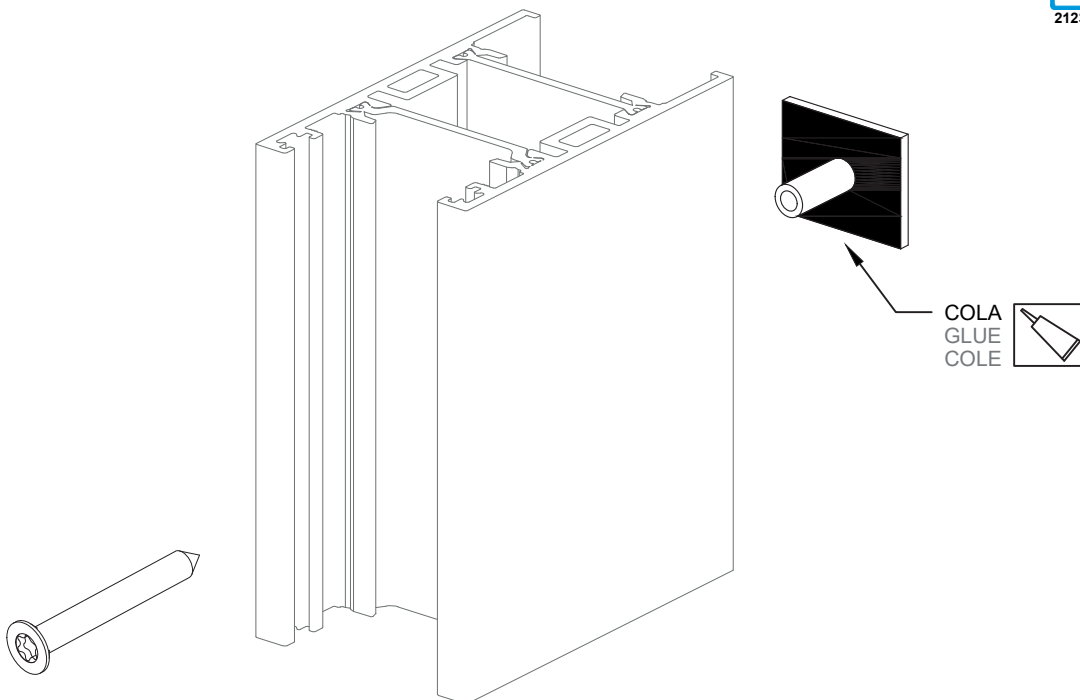
**3.2 - Colar as peças de poliamida ao perfil móvel, para aplicação de ferragens multiponto.**

Glue the polyamide parts to the mobile profile, for application of multipoint hardware.

Coller les pièces en polyamide sur le profilé mobile, pour l'application de la serrure multipoint.



212371 CONJ. FIXAÇÃO JT  
Para fixação das ferragens multiponto



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

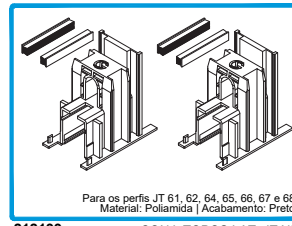
**3 - Montagem e fixação do aro móvel.**

Mobile frame assembling and fixing.  
Montage et fixation de le cadre ouvrant.

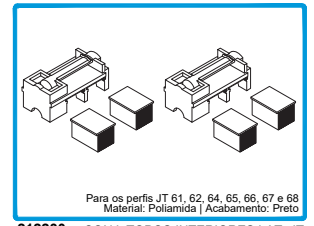
**3.3 - Aplicar silicone nas zonas de sobreposição dos perfis móveis verticais/horizontais e nos topos de fixação.**

Apply silicone in the overlapping areas of the vertical/horizontal mobile profiles and in the fixing end-caps.

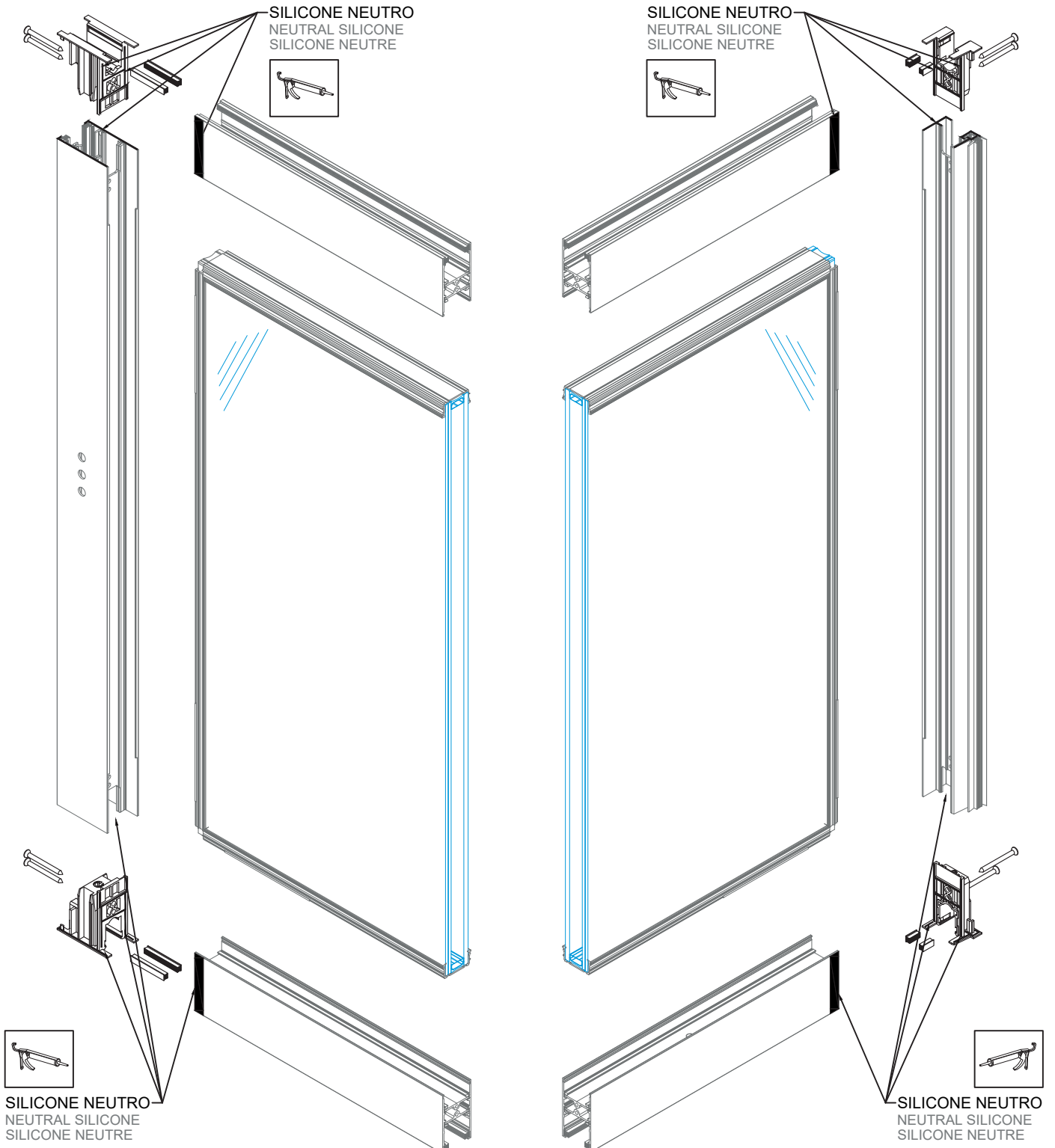
Appliquer du silicone sur les zones de chevauchement des profilés ouvrant verticaux/horizontaux et des embouts de fixation.



212199 CONJ. TOPOS LAT. JT Nº1



212230 CONJ. TOPOS INTERIORES LAT. JT



## MONTAGEM DOS PERFIS ARO MÓVEL

### MOBILE FRAME PROFILES ASSEMBLY

### ASSEMBLAGE DES PROFILÉS OUVRANT

#### 3 - Montagem e fixação do aro móvel.

Mobile frame assembling and fixing.  
Montage et fixation de le cadre ouvrant.

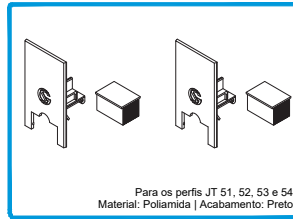
#### 3.4 - Etapas de montagem.

Assembly steps.  
Étapes d'assemblage.

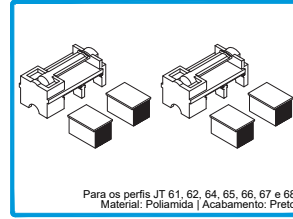
#### Passo | Step | Étape 1:

##### Colocar as travessas inferior e superior no vidro

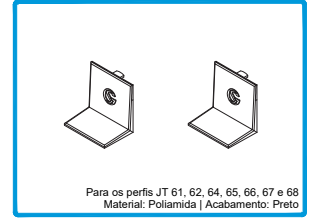
Place the upper and lower transoms on the glass  
Placer les traverses supérieure et inférieure sur le verre



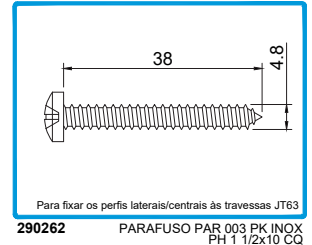
212339 CONJ. TAMPAS TOPOS CENTRAIS JT  
Para os perfis JT 51, 52, 53 e 54  
Material: Poliamida | Acabamento: Preto



212230 CONJ. TOPOS INTERIORES LAT. JT  
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto



212201 CONJ. TAMPAS TOPOS LAT. JT  
Para os perfis JT 61, 62, 64, 65, 66, 67 e 68  
Material: Poliamida | Acabamento: Preto

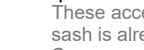
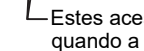
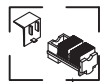


290262 PARAFUSO PAR 003 PK INOX PH 1 1/2x10 CQ  
Para fixar os perfis laterais/centrais às travessas JT63

#### Passo | Step | Étape 2:

##### Colocar o perfil lateral juntamente com os topos e encaixar nas travessas

Place the lateral profile together with the end-caps and fit it on the transoms  
Placer le profilé latéral avec les embouts et monter sur les traverses



Estes acessórios deverão ser colocados quando a folha já estiver aplicada no vão.  
These accessories should be placed when the sash is already applied in the frame.  
Ces accessoires doivent être placés lorsque la ventail est déjà appliqué sur le cadre.

#### Passo | Step | Étape 3:

##### Colocar o perfil central com os topos e encaixar nas travessas.

Place the central profile with the end-caps and fit in the transoms.  
Placer le profilé central avec les embouts et placer sur les traverses.

Estes acessórios deverão ser colocados quando a folha já estiver aplicada no vão.

These accessories should be placed when the sash is already applied in the frame.  
Ces accessoires doivent être placés lorsque la ventail est déjà appliqué sur le cadre.

#### Passo | Step | Étape 4:

##### Fixar os perfis através do aparafusamento dos topos.

Fix the profiles by screwing the end-caps.  
Fixer les profilés en vissant les embouts.

**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

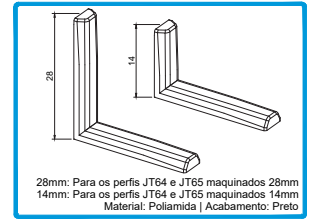
**4 - Perfis móveis laterais.**

Lateral mobile profiles.  
Profils ouvrants latéraux.

**4.1 - Os topos JT64/JT65 N°1 e N°2 devem ser aplicados conforme a referência e fresagem do perfil:**

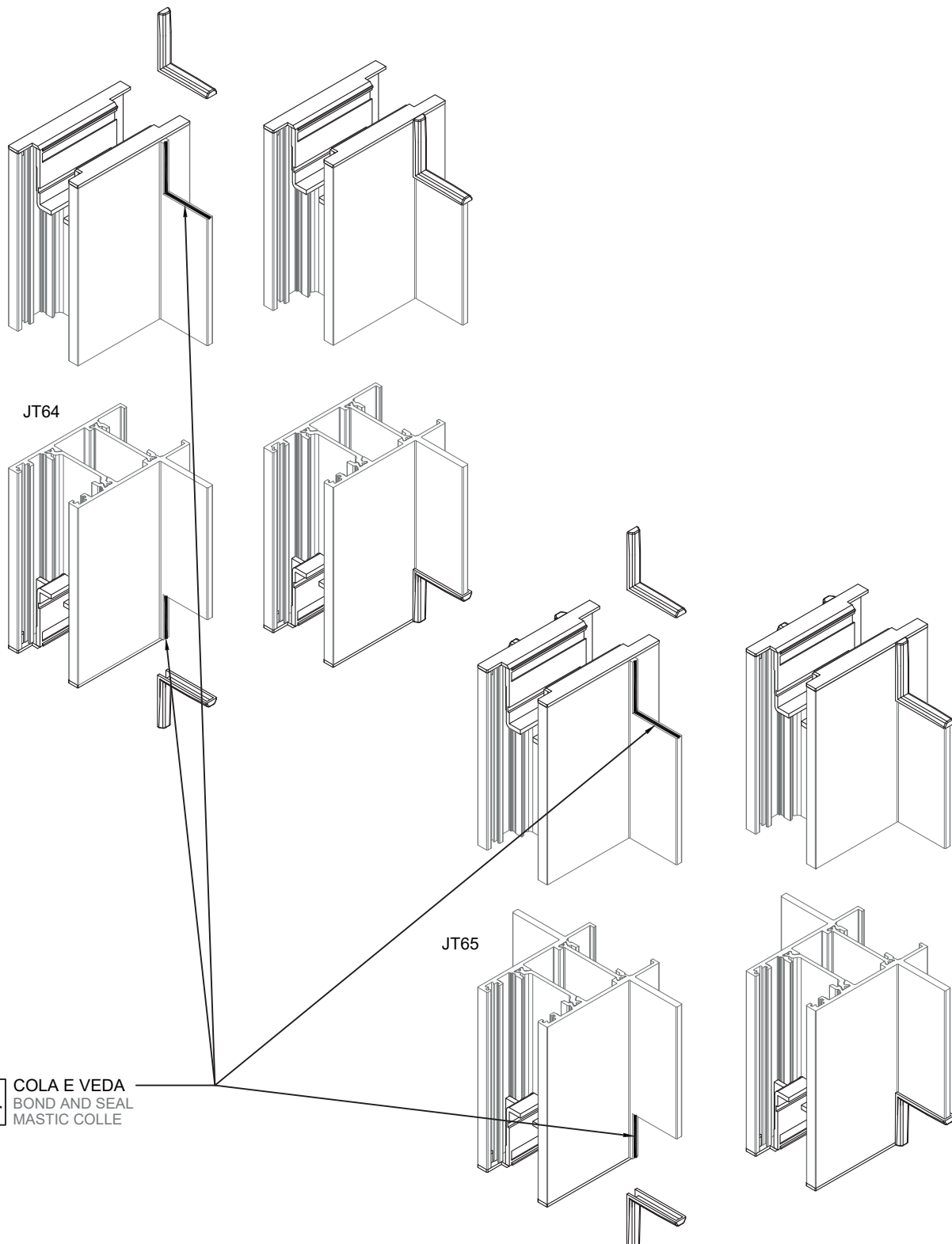
The end-caps that constitute the JT64/JT65 Lateral End-caps Kit must be applied according to the profile's reference and milling:


Les embouts qui composent le Kit d'embouts latéraux JT64/JT65 doivent être appliqués selon la référence et le fraisage du profilé:



**210239**  
**210240**

TOPO JT64/JT65 28MM  
TOPO JT64/JT65 14MM



 **COLA E VEDA**  
BOND AND SEAL  
MASTIC COLLE

## MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

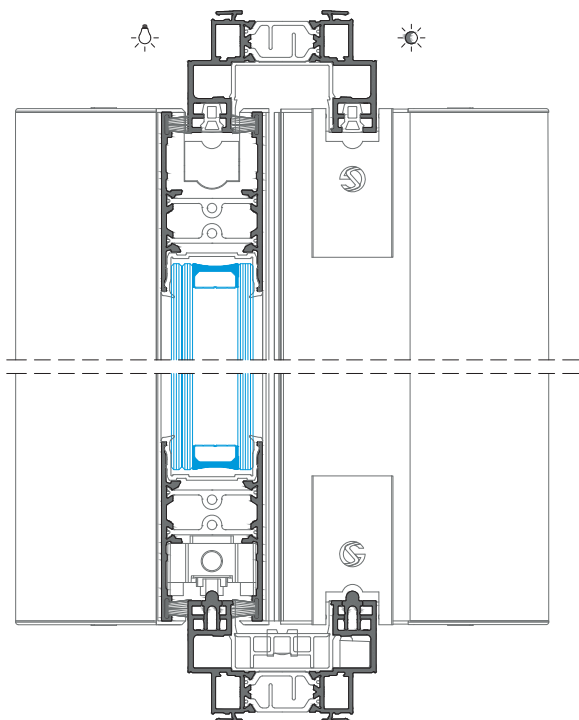
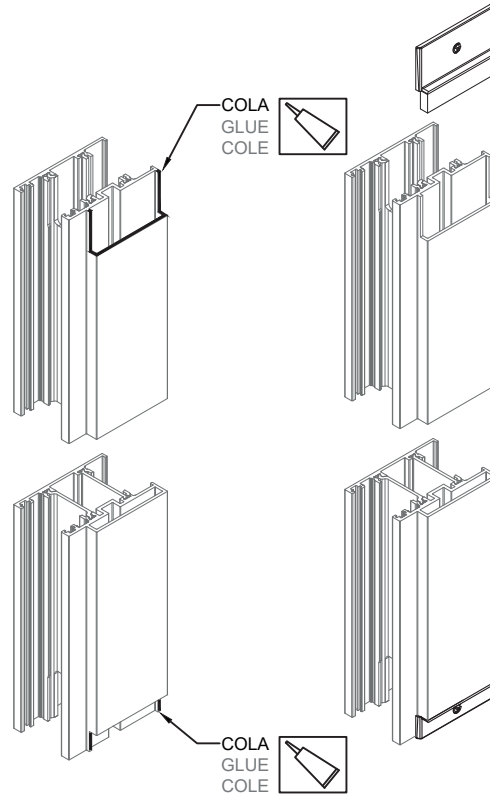
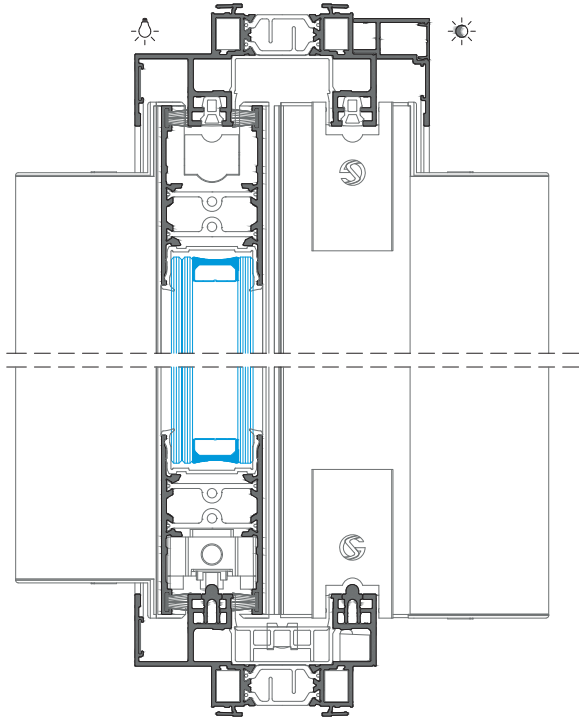
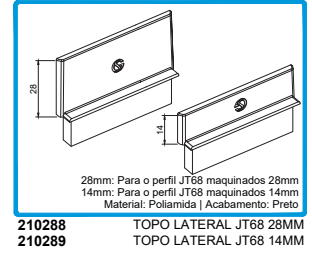
### 4 - Perfis móveis laterais.

Lateral mobile profiles.  
Profils ouvrants latéraux.

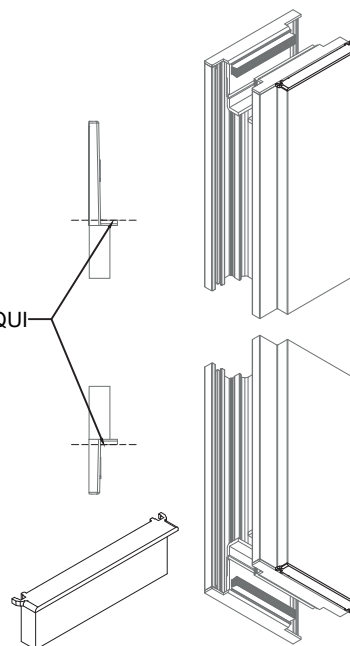
#### 4.2 - Os topos que constituem o Conjunto de Topos Laterais JT68 e/ou devem ser aplicados conforme a referência e fresagem do perfil:

The end-caps that constitute the JT68 Lateral End-caps Kit must be applied according to the profile's reference and milling:

Les embouts qui composent le Kit d'embouts latéraux JT68 doivent être appliqués selon la référence et le fraisage du profilé:



**CORTAR POR AQUI**  
CUT BY HERE  
COUPER ICI





**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

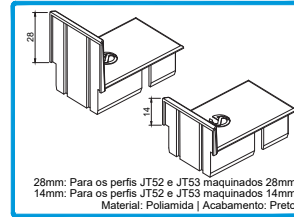
**5 - Perfis móveis centrais.**

Central mobile profiles.  
Profils ouvrants centraux.

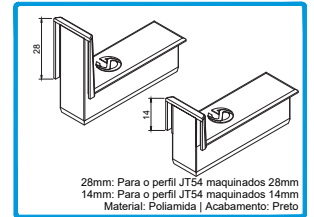
Os topos que constituem o Conjunto de Topos Centrais devem ser aplicados conforme a referência e frezagem do perfil:

The end-caps that constitute the Central End-caps Kit must be applied according to the profile's reference and milling:

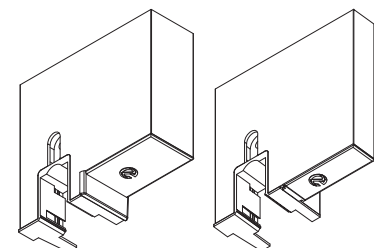
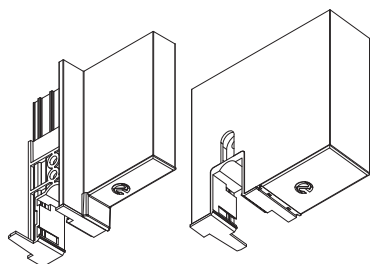
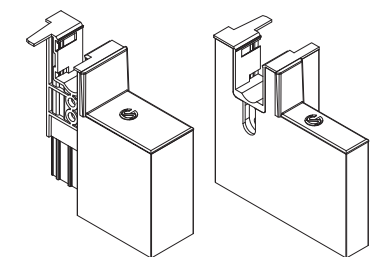
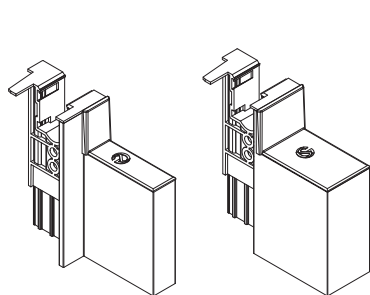
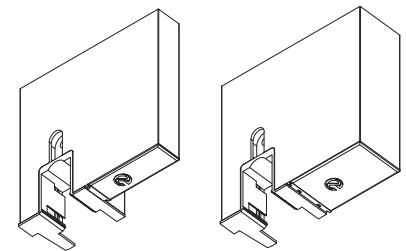
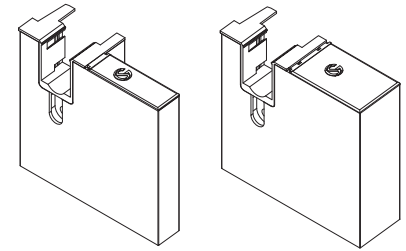
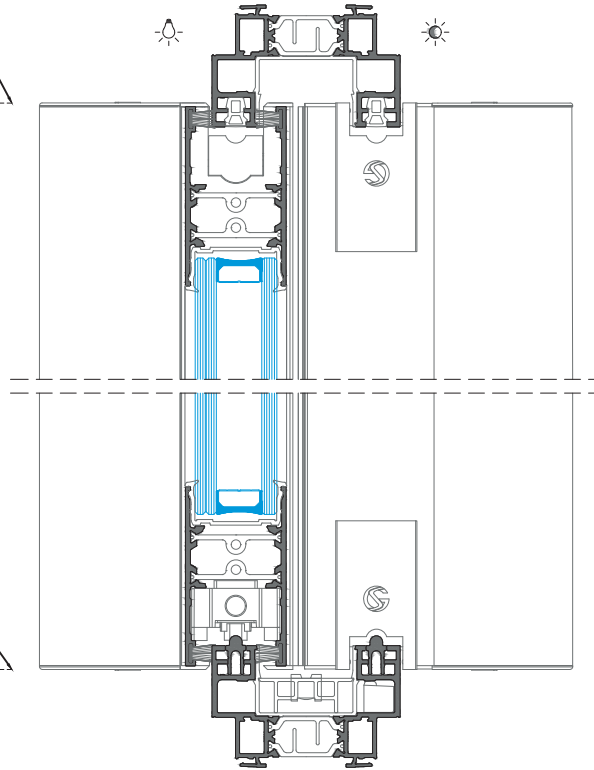
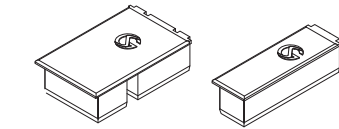
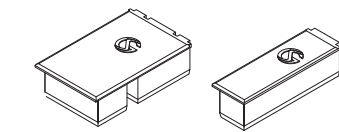
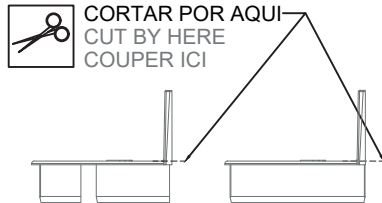
Les embouts qui composent le Kit d'embouts centraux doivent être appliqués selon la référence et le fraisage du profilé:



28mm: Para os perfis JT52 e JT53 maquinados 28mm  
14mm: Para os perfis JT52 e JT53 maquinados 14mm  
Material: Poliamida | Acabamento: Preto  
**210241** TOPO CENTRAL REFORÇADO 28MM  
**210242** TOPO CENTRAL REFORÇADO 14MM



28mm: Para o perfil JT54 maquinados 28mm  
14mm: Para o perfil JT54 maquinados 14mm  
Material: Poliamida | Acabamento: Preto  
**210243** TOPO CENTRAL REFORÇ. JT54 28MM  
**210244** TOPO CENTRAL REFORÇ. JT54 14MM

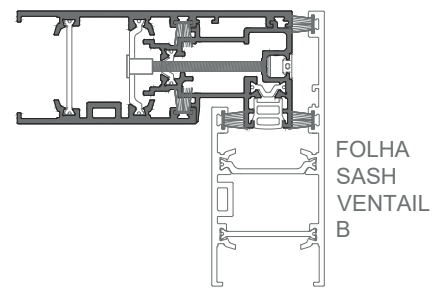


**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

6 - Montagem de tipologia de canto 90° - **FOLHA A.**  
Assembly of 90° corner typology - **A SASH.**  
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

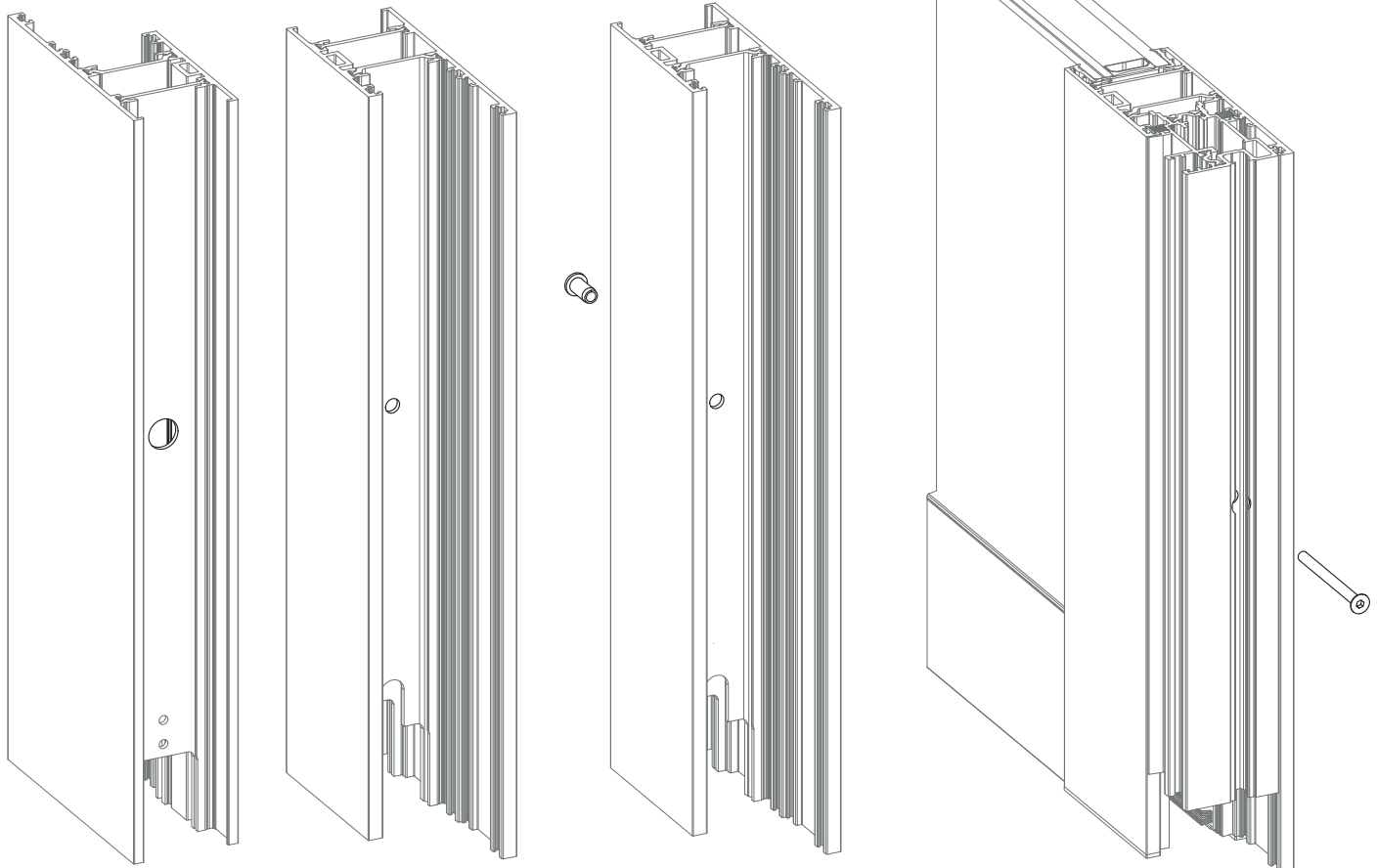
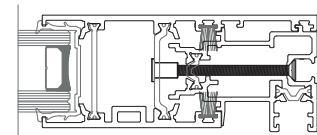
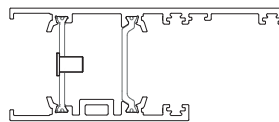
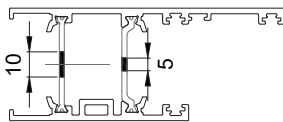
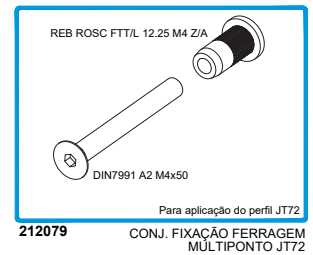
6.1 - Fixação dos perfis JT62 e JT72.  
JT62 and JT72 fixation.  
Fixation des profilés JT62 et JT72.

FOLHA | SASH | VENTAIL A



**IMPORTANTE | IMPORTANT | IMPORTANT:**

Colocar os rebites antes de se fazer o fecho das esquadrias da folha móvel.  
**Utilizar no mínimo 4 conjuntos para fixação do perfil JT72.**  
Place the rivets before closing the frames of the mobile sash.  
**Use at least 4 sets for fixing the JT72 profile.**  
Placer les rivets avant de fermer les cadres de la cadre ouvrant.  
**Utiliser au moins 4 kit pour la fixation du profilé JT72.**



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**6 - Montagem de tipologia de canto 90° - FOLHA A.**

Assembly of 90° corner typology - **A SASH.**

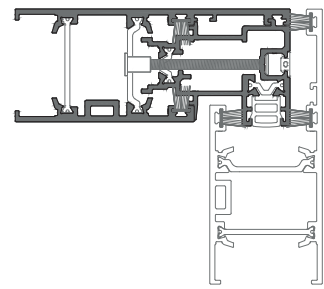
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

**6.2 - Colocar os calços para contra-fecho antes de se pôr a folha no vão.**

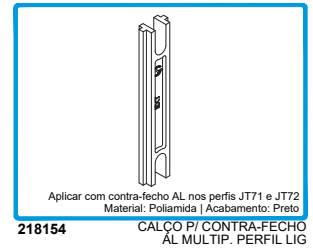
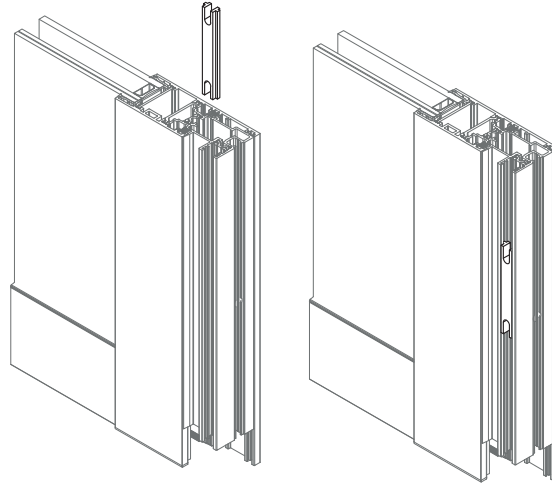
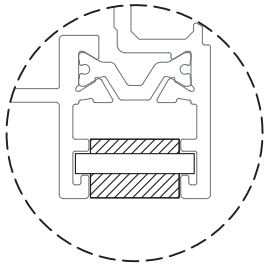
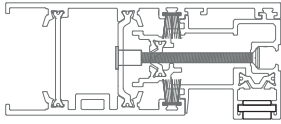
Place the locking plate shims before placing the sash in the frame.

Placer les cales pour la contre-fermeture avant de placer la ventail dans le cadre.

**FOLHA | SASH | VENTAIL A**



FOLHA  
SASH  
VENTAIL  
B



**Este passo só se efetua quando se usa a ferragem multiponto SOS.**

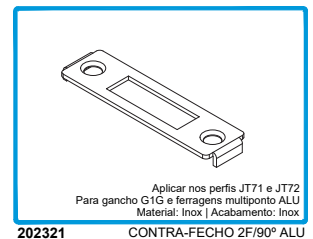
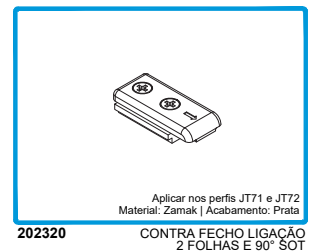
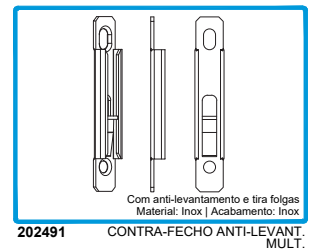
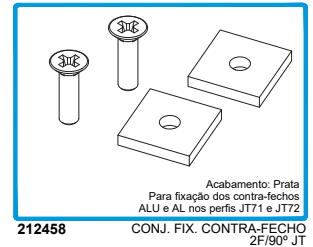
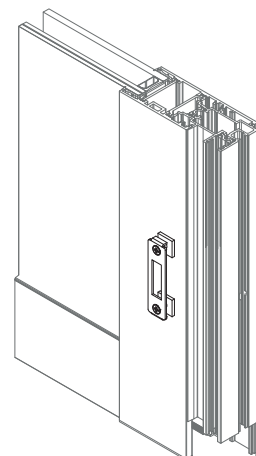
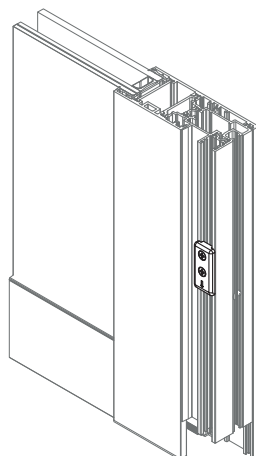
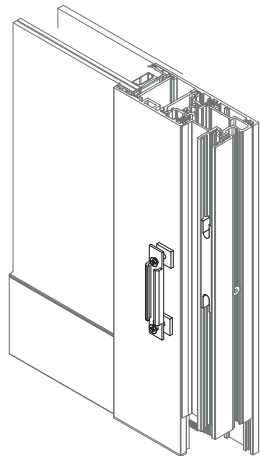
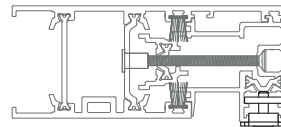
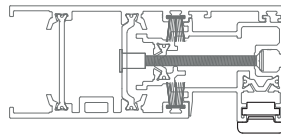
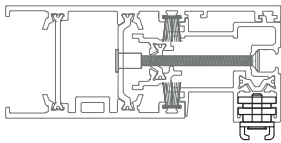
This step is only performed when using SOS multipoint hardware.

Cette étape n'est effectuée que lors de l'utilisation de serrure multipoint SOS.

**6.3- Colocar os contras-fechos na posição final.**

Place the locking plates in its final position.

Placer les contre-fermeture en position finale.



**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOS**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOT**

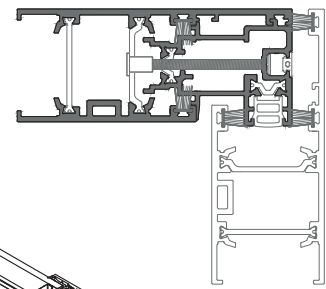
**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**ALU**

**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

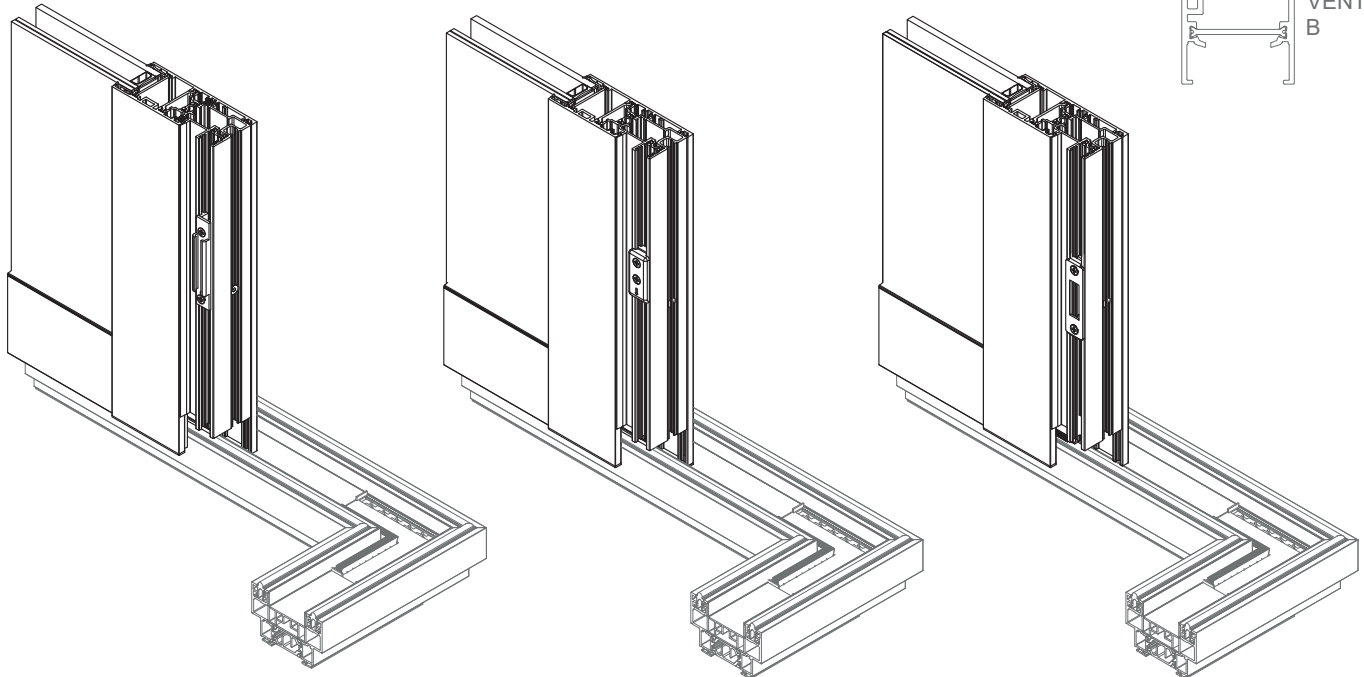
**6 - Montagem de tipologia de canto 90° - FOLHA A.**  
Assembly of 90° corner typology - **A SASH.**  
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

**6.4 - Colocar a folha no vão.**  
Place the sash in the frame.  
Placer la ventail dans le cadre.

FOLHA | SASH | VENTAIL A



FOLHA  
SASH  
VENTAIL  
B

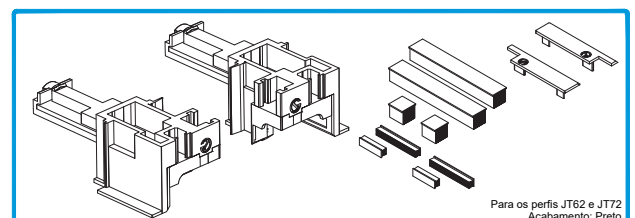


**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOS**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOT**

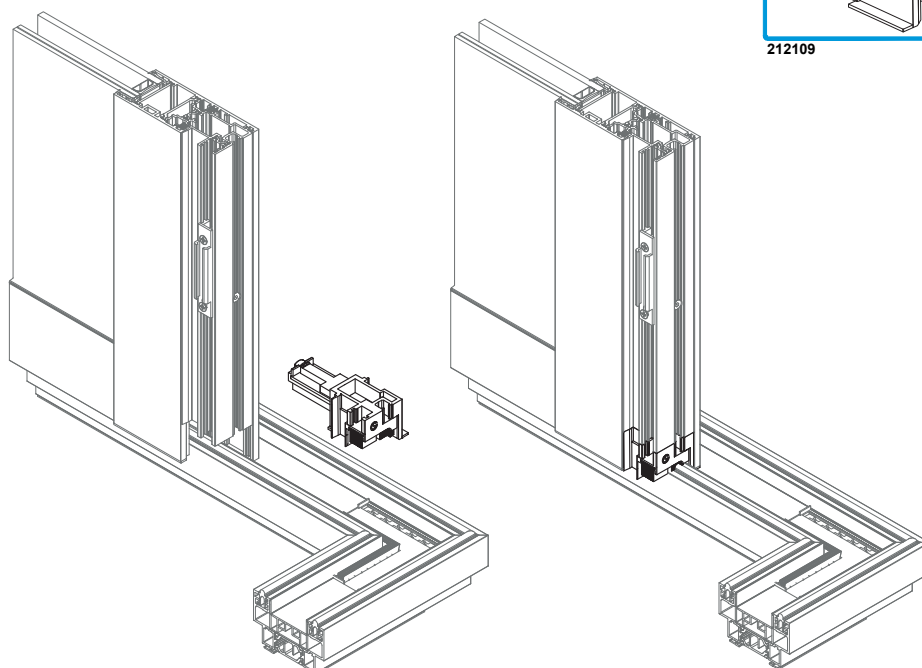
**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**ALU**

**6.5 - Colocar o conjunto topos canto 90° JT.**  
Place the 90° corner end-caps kit.  
Placer le kit d'embouts pour angle 90°.



212109

Para os perfis JT62 e JT72  
Acabamento: Preto  
CONJ. TOPOS CANTO 90° JT



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**6 - Montagem de tipologia de canto 90° - FOLHA A.**

Assembly of 90° corner typology - **A SASH.**

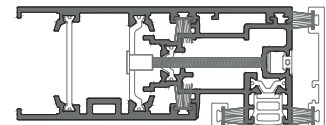
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

**6.6 - Colocar a junta tapa canal perfil lig. 2117 JT.**

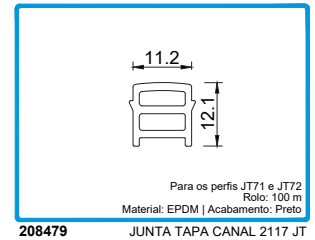
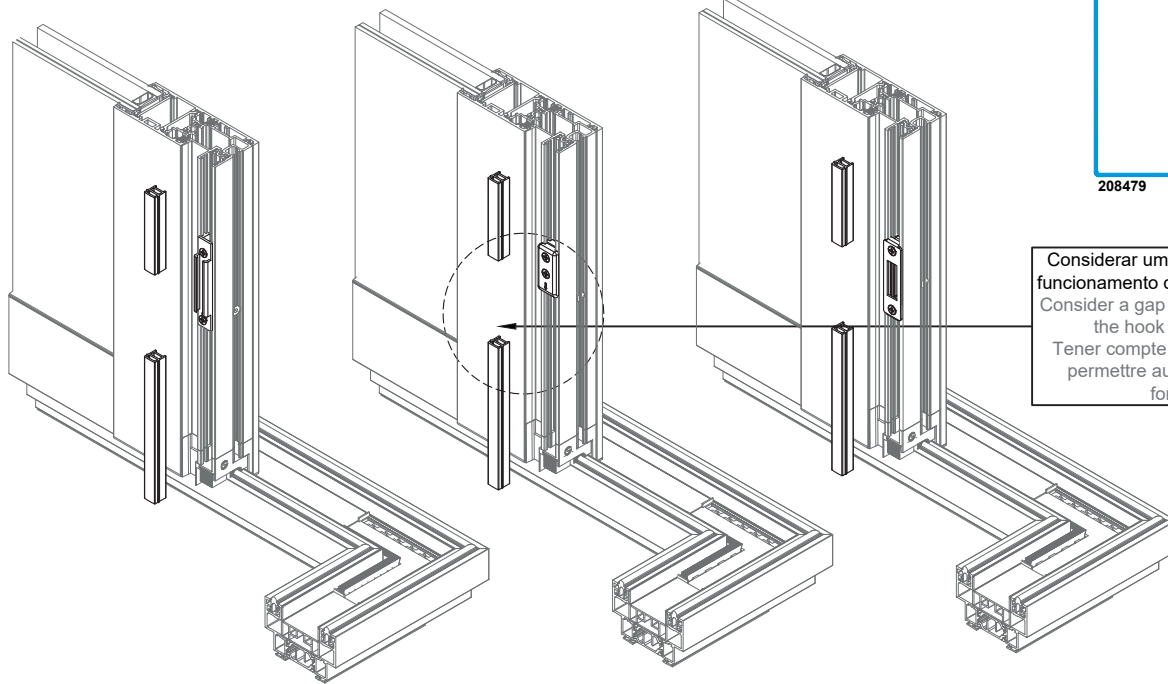
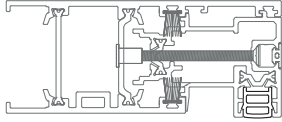
Place the 2117 channel cover joint.

Monter le joint de couvercle de canal du profilé de liaison 2117 JT.

**FOLHA | SASH | VENTAIL A**



**FOLHA  
SASH  
VENTAIL  
B**



Considerar uma folga para permitir o funcionamento do gancho da ferragem.  
Consider a gap to allow the function of the hook of the hardware.  
Tener compte du dégagement pour permettre au crochet serrure de fonctionner.

**FERRAGEM MULTIPONTO  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
SOS**

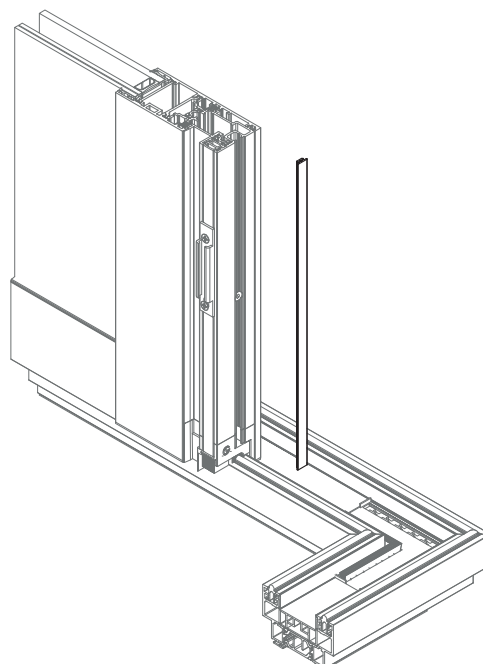
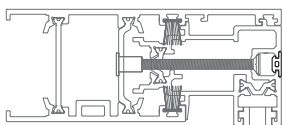
**FERRAGEM MULTIPONTO  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
SOT**

**FERRAGEM MULTIPONTO  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
ALU**

**6.7 - Colocar a junta VD 2415.**

Place the VD 2415 joint.

Placer le joint VD 2415.



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**7 - Montagem de tipologia de canto 90° - FOLHA B.**

Assembly of 90° corner typology - **B SASH.**

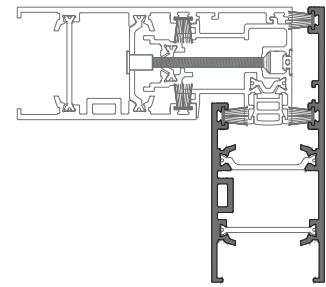
Assemblage d'une typologie d'angle à 90° - **VENTAIL B.**

**7.1 - Colar os topos que sobraram do Conjunto de topos canto 90° JT.**

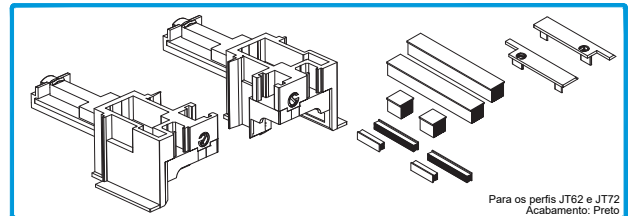
Paste the remaining end-caps from the 90° corner end-caps kit.

Coller les embouts restants du kit d'embouts pour angle 90° JT.

FOLHA | SASH | VENTAIL A



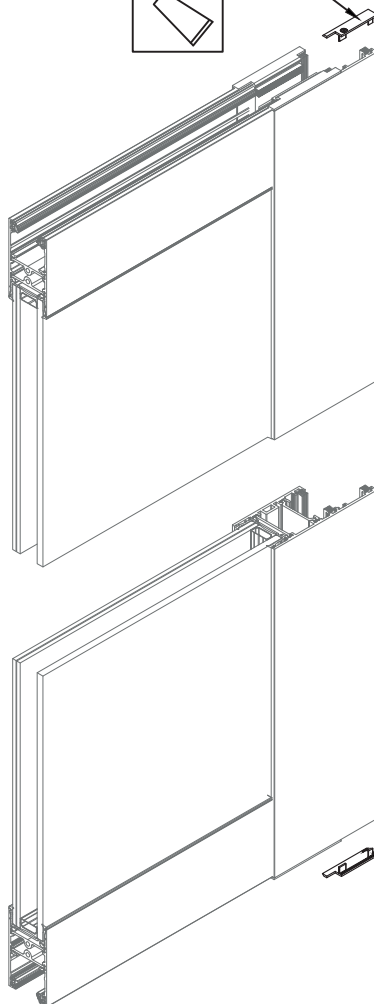
FOLHA  
SASH  
VENTAIL  
B



212109

Para os perfis JT62 e JT72  
Acabamento: Preto  
CONJ. TOPOS CANTO 90° JT

COLA  
GLUE  
COLE



COLA  
GLUE  
COLE



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.**

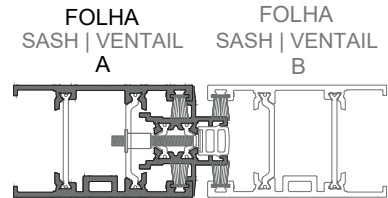
Assembly of 2 sashes connection typology - **A SASH.**

Assemblage d'une typologie de liaison centrale 2 vantaux - **VENTAIL A.**

**8.1 - Fixação dos perfis JT61 e JT71.**

JT61 and JT71 fixation.

Fixation des profilés JT61 et JT71.



**IMPORTANTE | IMPORTANT | IMPORTANT:**

Colocar os rebites antes de se fazer o fecho das esquadrias da folha móvel.

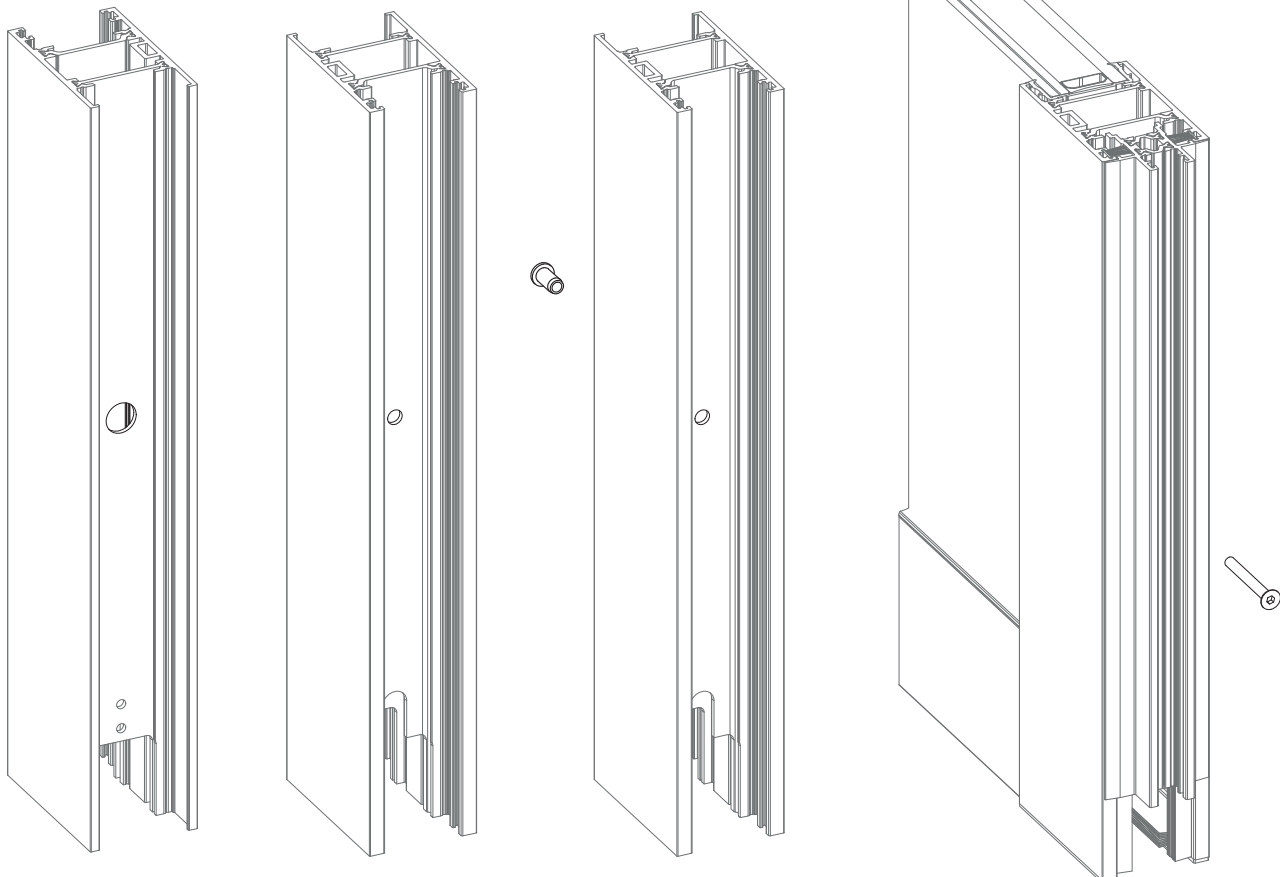
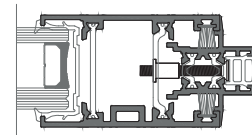
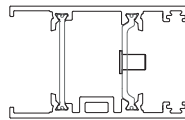
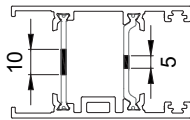
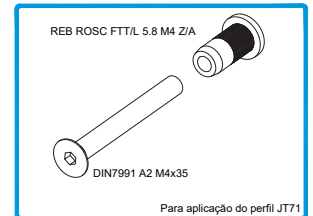
**Utilizar no mínimo 4 conjuntos para fixação do perfil JT72.**

Place the rivets before closing the frames of the mobile sash.

**Use at least 4 sets for fixing the JT72 profile.**

Placer les rivets avant de fermer les cadres de la cadre ouvrant.

**Utiliser au moins 4 kit pour la fixation du profilé JT72.**



**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.**

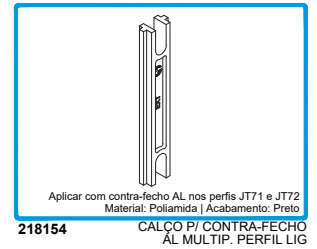
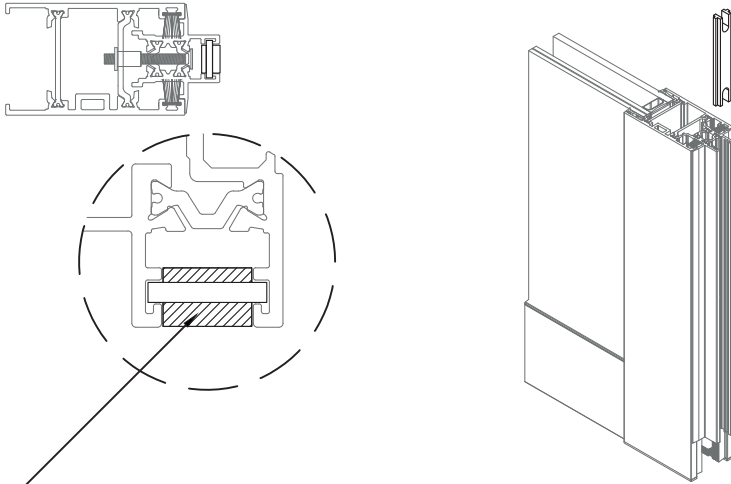
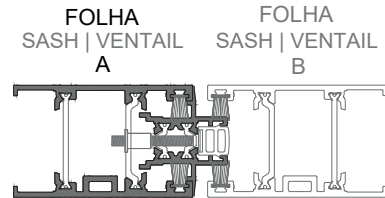
Assembly of 2 sashes connection typology - **A SASH.**

Assemblage d'une typologie de liaison centrale 2 ventaux - **VENTAIL A.**

**8.2 - Colocar os calços para contra-fecho antes de se pôr a folha no vão.**

Place the locking plate shims before placing the sash in the frame.

Placer les cales pour la contre-fermeture avant de placer la ventail dans le cadre.



**Este passo só se efetua quando se usa a ferragem multiponto SOS.**  
This step is only performed when using SOS multipoint hardware.  
Cette étape n'est effectuée que lors de l'utilisation de serrure multipoint SOS.

**CALÇO NÃO SIMÉTRICO**

(A referência "EXT" e o logotipo deverão ficar para a frente de forma a alinhar com o alumínio)  
NOT SYMMETRICAL SHIM

(The "EXT" reference and the logo must stand in the front in alignment with the aluminium)

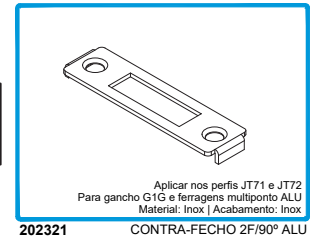
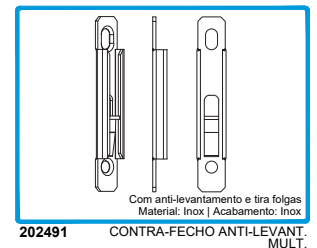
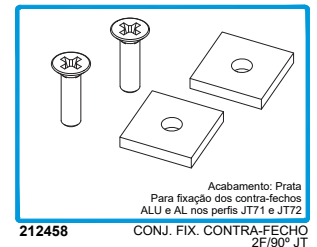
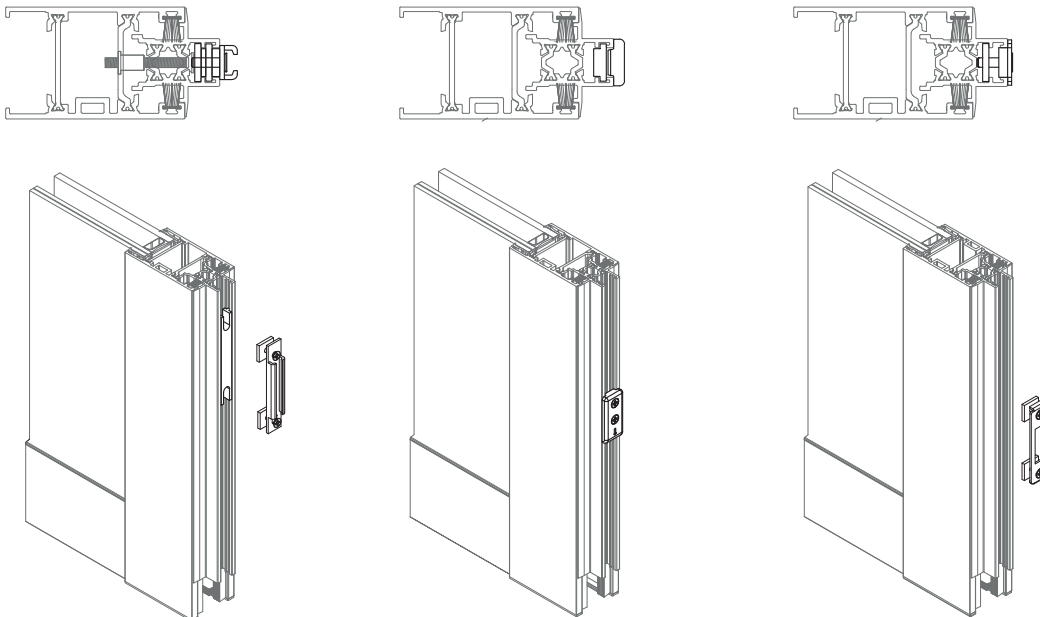
**CALE NON SYMÉTRIQUE**

(La référence "EXT" et le logo doivent être en avant pour s'aligner avec l'aluminium)

**8.3- Colocar os contras-fechos na posição final.**

Place the locking plates in its final position.

Placer les contre-fermeture en position finale.



**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOS**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOT**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**ALU**

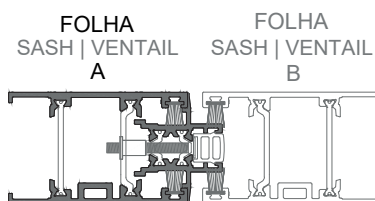


**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.**

Assembly of 2 sashes connection typology - **A SASH.**

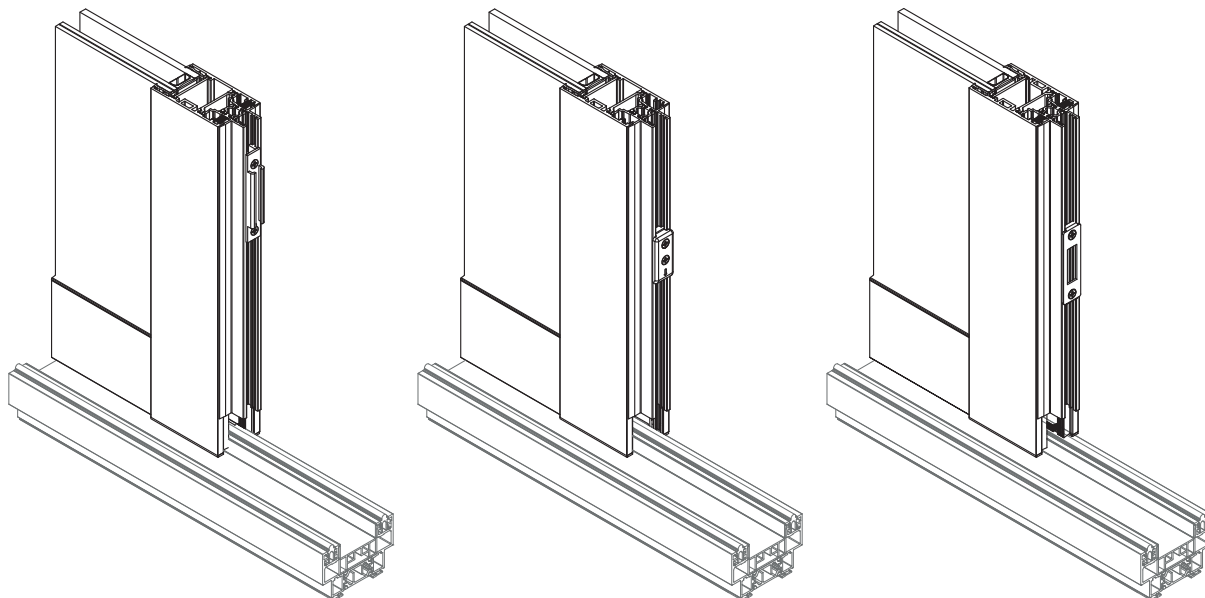
Assemblage d'une typologie de liaison centrale 2 ventaux - **VENTAIL A.**



**8.4 - Colocar a folha no vão.**

Place the sash in the frame.

Placer la ventail dans le cadre.



**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
**SOS**

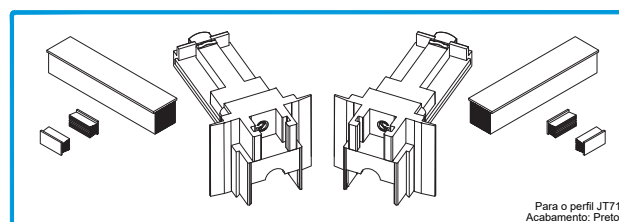
**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
**SOT**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPONTO  
**ALU**

**8.5 - Colocar o conjunto topos ligação 2 folhas JT.**

Place the JT 2 sashes connection end-caps kit.

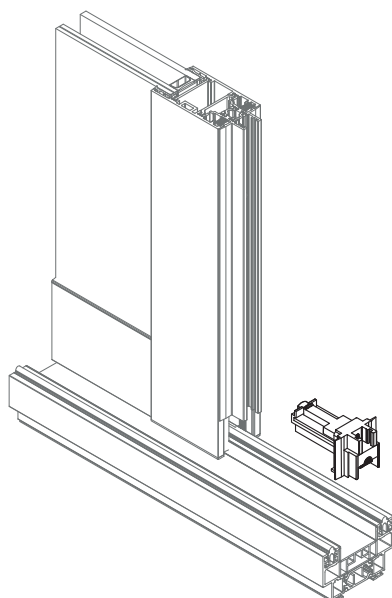
Placer le kit d'embouts de connexion 2 ventaux JT.



212104

CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT

Para o perfil JT71  
Acabamento: Preto

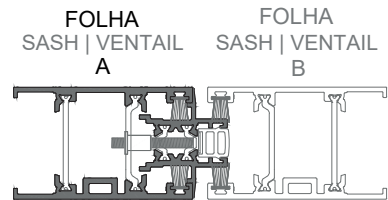


**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.**

Assembly of 2 sashes connection typology - **A SASH.**

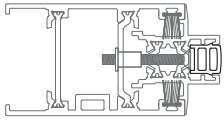
Assemblage d'une typologie de liaison centrale 2 vantaux - **VENTAIL A.**



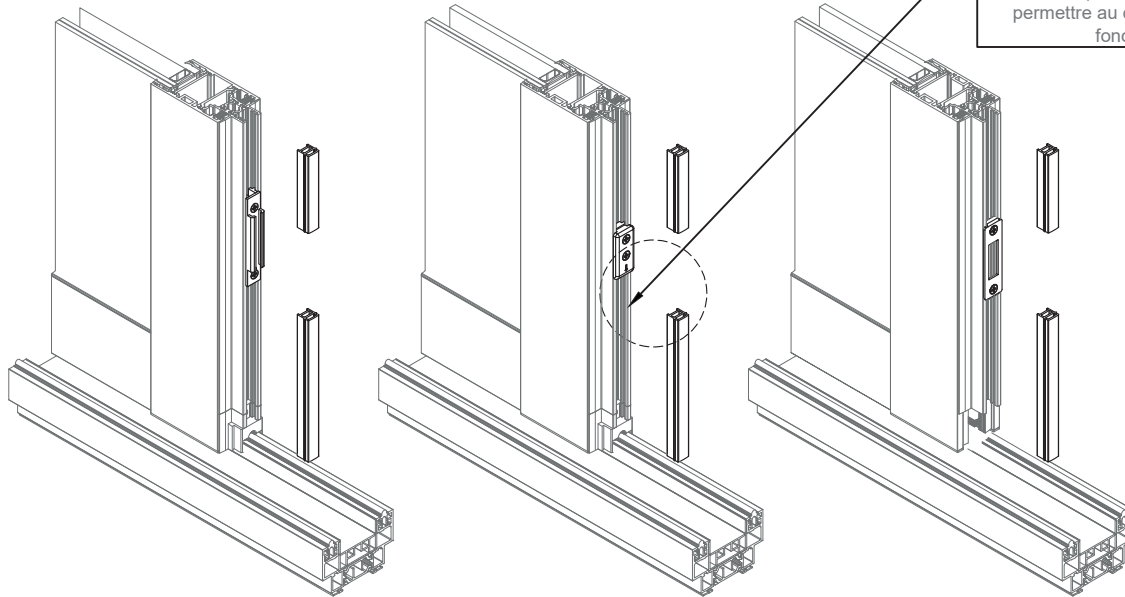
**8.6 - Colocar a junta tapa canal perfil lig. 2117 JT.**

Place the 2117 channel cover joint.

Monter le joint de couvercle de canal du profilé de liaison 2117 JT.



Considerar uma folga para permitir o funcionamento do gancho da ferragem.  
Consider a gap to allow the function of the hook of the hardware.  
Tener compte du dégagement pour permettre au crochet serrure de fonctionner.



**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOS**

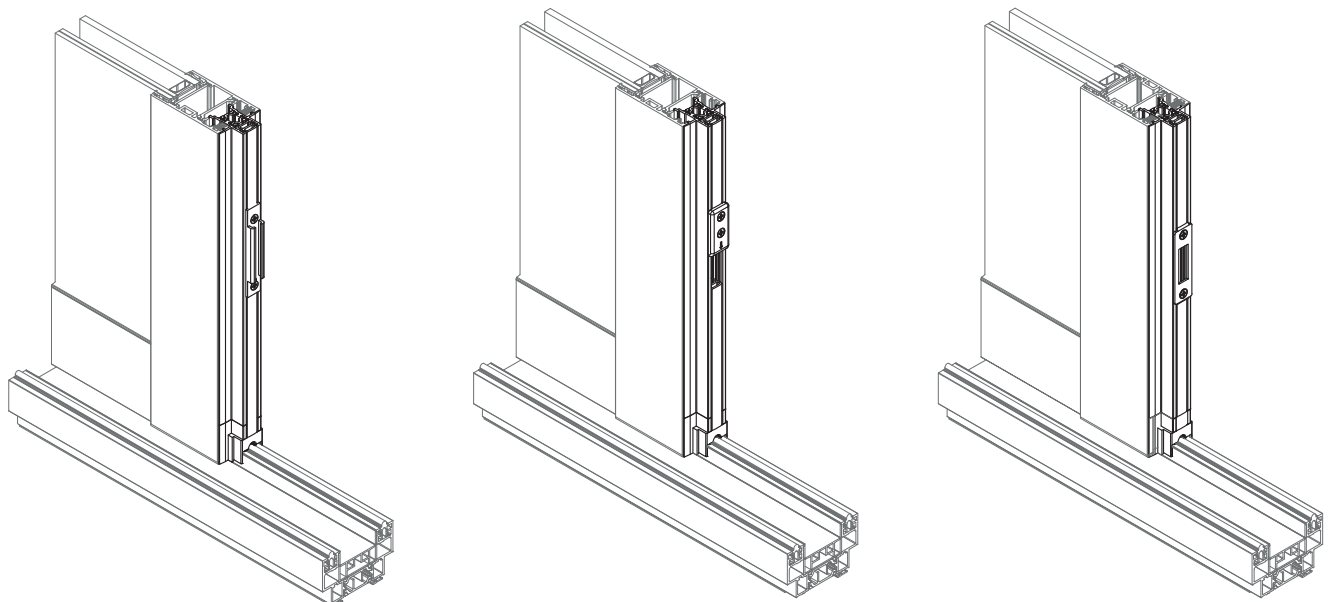
**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOT**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**ALU**

**8.7 - Pormenor final da colocação do perfil JT71 e dos seus acessórios.**

JT71 and its accessories final assembly detail.

Détail final du placement du profilé JT71 et de ses accessoires.



**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOS**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**SOT**

**FERRAGEM MULTIPONTO**  
MULTIPOINT HARDWARE  
SERRURE MULTIPOINT  
**ALU**

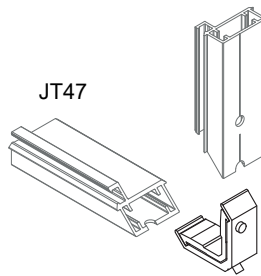
**MONTAGEM DOS PERFIS ARO MÓVEL**  
MOBILE FRAME PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS OUVRANT

**9 - Montagem do aro mosquiteira.**

Mosquito net frame assembly.  
Assemblage de cadre moustiquaire.

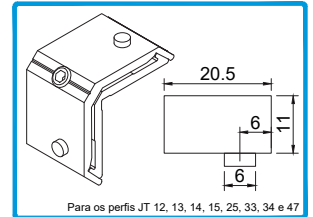
**PASSO | STEP | ÉTAPE 1:**

Aplicar os esquadros e fechar o aro da mosquiteira.  
Apply the bracket cleats and close the mosquito net frame.  
Appliquer les équerres et fermer le cadre moustiquaire.



JT47

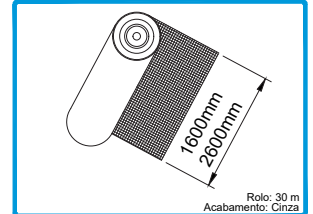
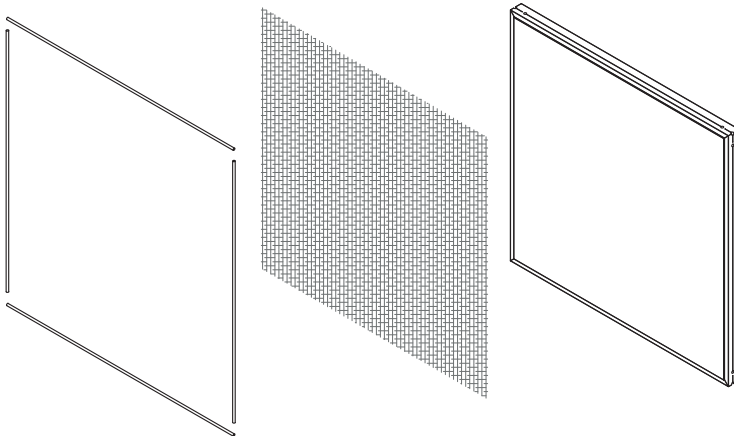
Ref. 204153



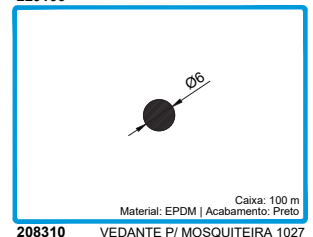
Para os perfis JT 12, 13, 14, 15, 25, 33, 34 e 47  
204153 ESQUADRO JT 11x20,5

**PASSO | STEP | ÉTAPE 2:**

Colocar a rede mosquiteira e fixá-la com o vedante 1027.  
Place the mosquito net and fix it using the 1027 gasket.  
Placer la réseau moustiquaire et fixer-la avec le joint 1027.



229105 REDE MOSQ. EM FIBRA 1600mm  
229106 REDE MOSQ. EM FIBRA 2600mm  
Rolo: 30 m  
Acabamento: Cinza



208310 VEDANTE P/ MOSQUITEIRA 1027  
Caixa: 100 m  
Material: EPDM | Acabamento: Preto

**PASSO 3 | STEP | ÉTAPE 3:**

Fechar o aro móvel em torno do aro da mosquiteira, aplicando silicone estrutural na zona do perfil central.

Close the mobile frame around the mosquito net, applying structural silicone in the central profile zone.

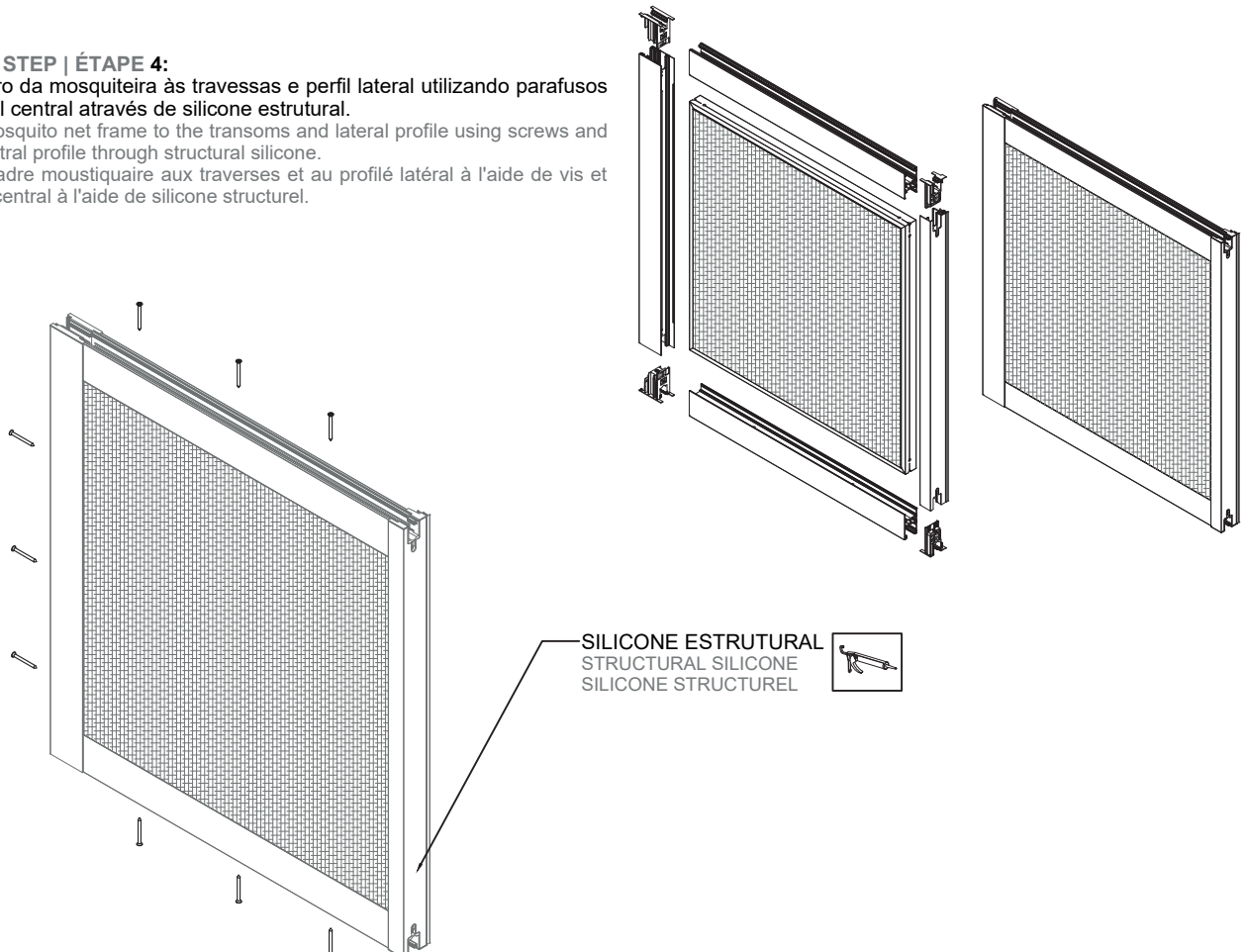
Fermer le cadre ouvrant autour de le cadre moustiquaire, en appliquant du silicone structurel dans la zone centrale du profilé.

**PASSO | STEP | ÉTAPE 4:**

Fixar o aro da mosquiteira às travessas e perfil lateral utilizando parafusos e ao perfil central através de silicone estrutural.

Fix the mosquito net frame to the transoms and lateral profile using screws and to the central profile through structural silicone.

Fixer le cadre moustiquaire aux traverses et au profilé latéral à l'aide de vis et le profilé central à l'aide de silicone structurel.

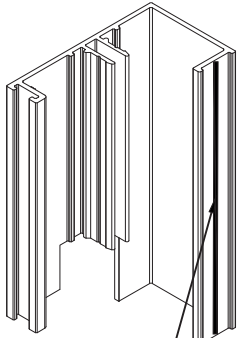


SILICONE ESTRUTURAL  
STRUCTURAL SILICONE  
SILICONE STRUCTUREL

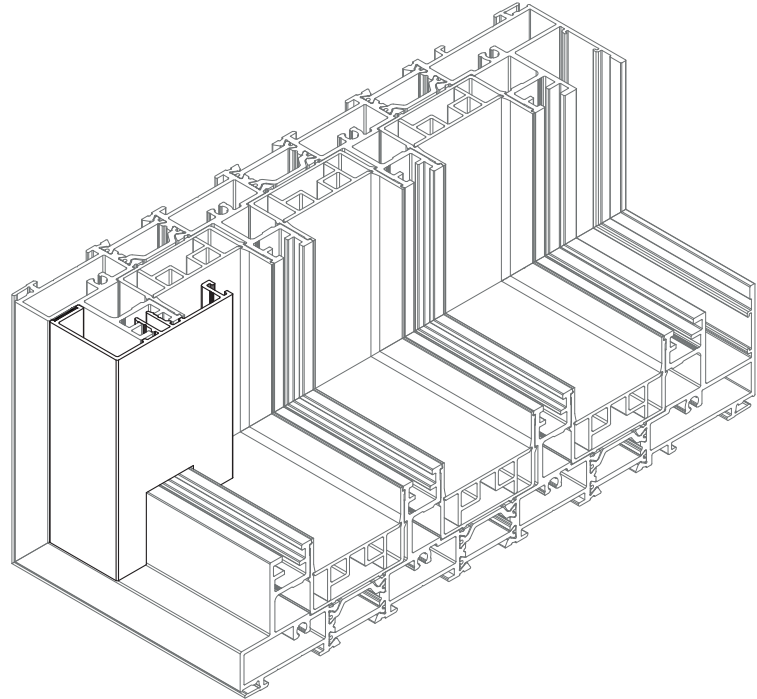


**MONTAGEM DE PERFIS DE CAPA**  
COVER PROFILES ASSEMBLY  
ASSEMBLAGE DES PROFILÉS DE CAPOT

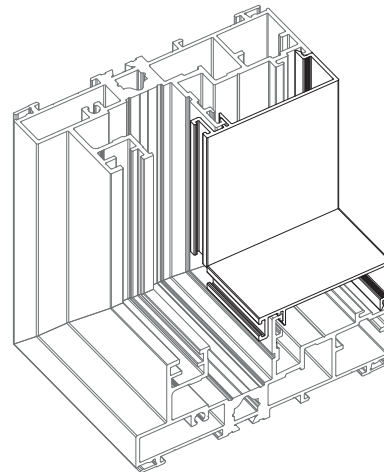
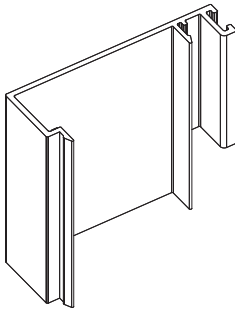
- 1 - Aplicação do perfil JT 92 com silicone.**  
Application of JT 92 profile with silicone.  
Application du profilé JT 92 avec silicone.



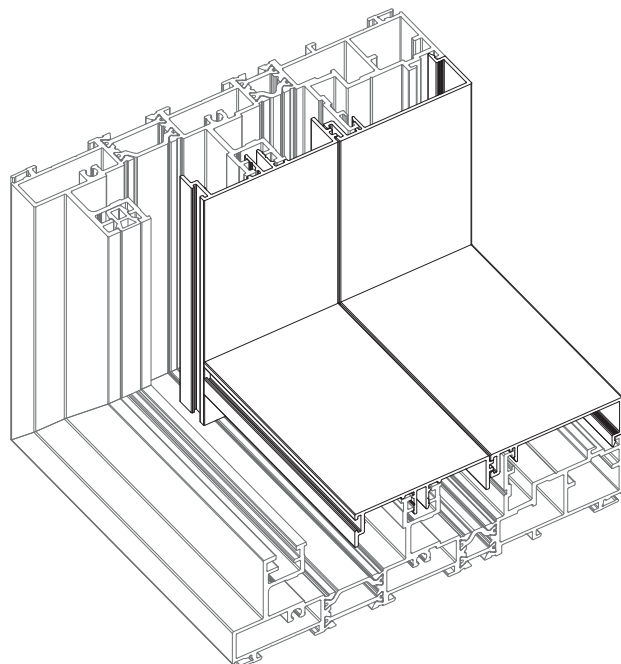
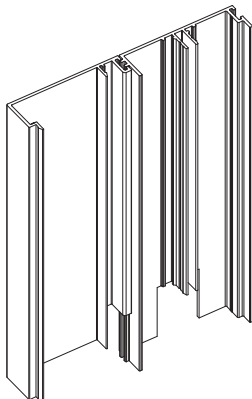
**SILICONE NEUTRO**  
NEUTRAL SILICONE  
SILICONE NEUTRE



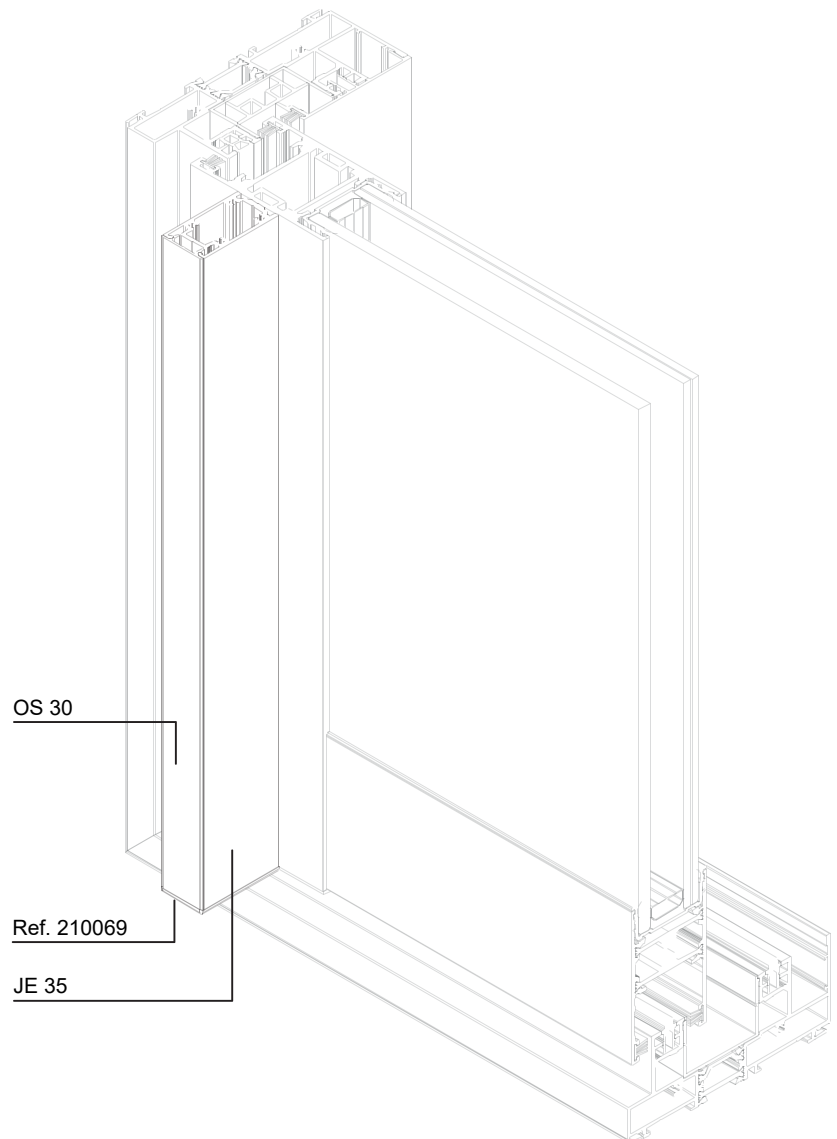
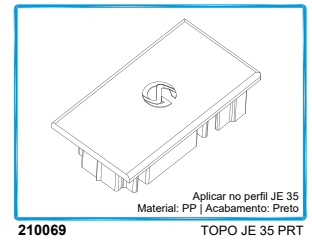
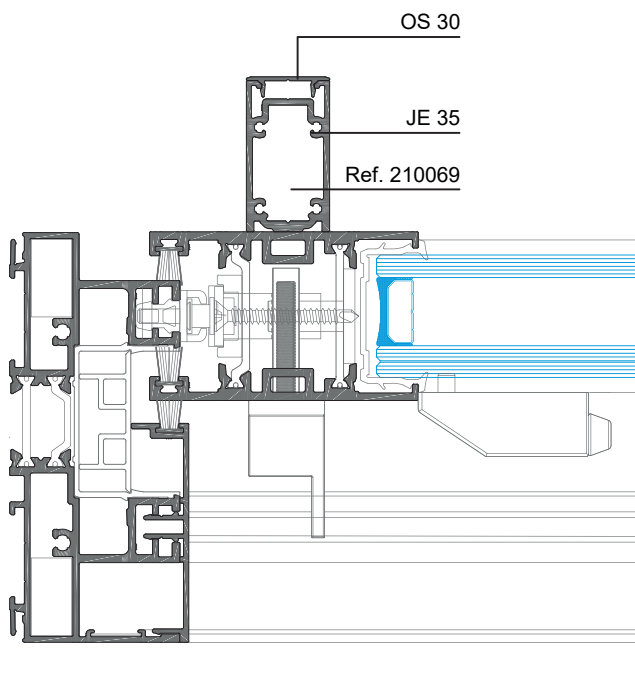
- 2 - Aplicação do perfil JT 89.**  
Application of JT 89 profile.  
Application du profilé JT 89.



- 3 - Aplicação do perfil JT 89 e JT 91.**  
Application of JT 89 and JT 91 profile.  
Application du profilé JT 89 et JT 91.



**MONTAGEM DO PERFIL DE REFORÇO/PUXADOR JE 35 + TAMPA OS 30**  
REINFORCEMENT PROFILE/HANDLE JÉ 35 + COVER OS 30 ASSEMBLY  
ASSEMBLAGE PROFILÉ DE RENFORCEMENT/POIGNÉE JE 35 + CAPOT OS 30



# VII

**ANOTAÇÕES**  
ANNOTATIONS | REMARQUES

<b>ATUALIZAÇÕES REALIZADAS NESTA VERSÃO</b> UPDATES DONE IN THIS VERSION   LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION	
1	<b>Acrescentados esquemas de tipologias fixas na página das Características</b> Fixed typology schemes added to the Characteristics page Schémas de typologie fixe ajoutés à la page Caractéristiques
2	<b>Alteração dos pormenores de acordo com a nova posição da goteira com válvula bola</b> Change of details according to the new position of the ball valve drip Changement de détails selon la nouvelle position de la gouttière avec clapet à bille
3	<b>Inserção de perfis, acessórios, pormenores, maquinações e montagens para tipologias fixas</b> Insertion of profiles, accessories, details, milling and assemblies for fixed types Insertion de profilés, accessoires, détails, usinages et assemblages pour types fixes
4	<b>Alteração da maquinação inferior dos perfis laterais e centrais</b> Changing the bottom milling of the lateral and central profiles Modification de l'usinage inférieur des profilés latéraux et centraux
5	<b>Substituição dos Conj. topos laterais e centrais pelos novos topos unitários e correcção das quantidades nos Mapas de Quantidades</b> Replacement of Lateral and central end-caps kits for the new unit end-caps and correction of the quantities in the Quantities Maps Remplacement des Kits d'embouts latéraux et centraux pour les nouveaux embouts unitaires et correction des quantités dans les Cartes des Quantités
6	<b>Remoção da drenagem alternativa do PVC T com goteira de válvula bola</b> Removal of alternative T PVC drainage with ball valve drip Suppression du drainage alternatif en PVC T avec gouttière de clapet à bille
7	<b>Atualização das drenagens</b> Drainage update Mise à jour de drainage
8	<b>Acrescentado capítulo das Anotações</b> Added Annotations chapter Ajout d'un chapitre sur les Annotations
9	<b>Atualização do esquema do acessório Conj. Fixação JT na Listagem de Acessórios</b> JT Fixing Kit accessory schematic update in Accessories List Mise à jour du schéma des accessoires du Kit de Fixation JT dans la List d'Accessoires.
10	<b>Substituição do parafuso Ref. 290158 pelo parafuso Ref. 290262</b> Replacement of screw Ref. 290158 by screw Ref. 290262 Remplacement de la vis Réf. 290158 par la vis Réf. 290262
11	<b>Correção da designação da Goteira com válvula SVE nas Tipologias e Mapas de Quantidades</b> Correction of the designation of the SVE Flap valve in the Typologies and Quantity Maps Correction de la désignation de la Clape à volet SVE dans les Typologies et Cartes de Quantités
12	<b>Correção da quantidade de esquadros a utilizar em tipologias com o perfil JT 13, nas Tipologias e Mapas de Quantidades</b> Correction of the number of corner cleats to be used in typologies with profile JT 13, in Typologies and Quantity Maps Correction du nombre de équerres à utiliser dans les typologies avec profilé JT 13, dans Typologies et Cartes de Quantités
13	<b>Acrescentados os perfis JE 35 e OS 30 e os topos JE 35, com as respetivas medidas de corte e pormenor de aplicação</b> Added the JE 35 and OS 30 profiles and the JE 35 end-caps, with the respective cutting measures and application details Ajout des profilés JE 35 et OS 30 et des embouts JE 35, avec les mesures de coupe respectives et les détails d'application
14	<b>Removidas tipologias de embutir para aros fixos FR e alteração das medidas de corte (L passa a ser medida entre aro fixo e parede e H corresponde à altura do aro)</b> Removed hidden typologies for FR fixed frames and change of cutting measures (L is now measured between fixed frame and wall and H corresponds to fixed frame height) Suppression des typologies de galandage pour les dormants FR et changement des mesures de coupe (L est maintenant mesuré entre le dormant et le mur et H correspond à la hauteur du dormant)
15	<b>Adicionadas tipologias de embutir para aros fixos PT e soleira 30mm</b> Added hidden typologies for fixed PT fixed frames and 30mm threshold Ajout de typologies encastrées pour dormants PT fixes et seuil de 30 mm
16	<b>Acrescentado cilindro BSK 30x45 para perfil lateral JT 68 e espelhos para cilindro na tabela de acessórios</b> Added 30x45 BSK cylinder for JT 68 lateral profile and cylinder covers in the accessories table Ajout du cylindre 30x45 BSK pour le profilé latéral et des couvertures pour cylindres dans le tableau des accessoires
17	<b>Atualização das maquinações do cortante PT, incluindo as maquinações dos aros para tipologias fixas</b> Update of PT punching tool, including rim machining for fixed typologies Mise à jour de l'outil PT, y compris l'usinage des dormants pour les typologies fixes
18	<b>Medidas de corte, maquinações e montagens para perfis montante e junta central</b> Cutting measures, milling and assembly for mullion profiles and central joint Mesures de coupe, usinage et assemblage pour profilés meneau et joint central

19	<p><b>Adicionadas maquinações e montagens para capas JT 89 e JT 91</b>          Added millinh and assembly for JT 89 and JT 91 capots          Ajout d'usinage et d'assemblage pour les couvertures JT 89 et JT 91</p>
20	<p><b>Substituído o espelho para cilindro Ref. 220251 pelos novos espelhos retos Ref. 220196 e 220197</b>          Replaced covers cylinder Ref. 220251 for the new straight covers Ref. 220196 and 220197          Couverture pour cylindre Réf. 220251 remplacé pour les nouveaux couvertures droits Réf. 220196 et 220197</p>
21	<p><b>Acrescentados esquemas de aplicação do Centrador SOT</b>          Added SOT Centering application schematics          Ajout de schémas d'application de centrage SOT</p>
22	<p><b>Atualização das medidas de corte das capas para aro fixos PT</b>          Update of the cut measures of the covers for PT fixed frames.          Mise à jour des mesures de coupe des capots pour cadres dormants PT</p>
23	<p><b>Remoção do Capítulo "Detalhes de ligação" e integração do pormenor com KE 45 nas tipologias renovatio</b>          Removal of the "Connection details" Chapter and integration of the detail with KE 45 in renovatio typologies          Suppression du Chapitre "Détails de connexion" et intégration du détail avec KE 45 dans les typologies renovatio</p>
24	<p><b>Adicionados os resultados obtidos nos 2 novos ensaio AEV</b>          Added the results obtained in the 2 new AEV tests          Ajout des résultats obtenus dans les 2 nouveaux tests AEV</p>
25	<p><b>Alteração do esquema da ferragem multiponto MFCK e respetiva maquinação</b>          Changing the schema of the MFCK multipoint hardware and the corresponding machining          Modification du schéma de la serrure multipoint MFCK et de l'usinage correspondant</p>
26	<p><b>Acrescentados esquadros de alinhamento nos perfis, listagem de acessórios, mapas de quantidades e montagens</b>          Added alignment coins in profiles, accessories list, quantity maps and assemblies          Ajout d'angles d'alignement dans les profilés, la liste des accessoires, les cartes de quantité et les assemblages</p>
27	<p><b>Inserida montagem dos Conj. de estanquidade em tipologias de canto 90°</b>          Inserted the assembly of Central waterproofing pile seal kit in 90° corner typologies          Inséré l'assemblage des Kits brosse centrales d'étanchéité dans typologies en coin de 90°</p>



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