

JT

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



CATÁLOGO TÉCNICO

TECHNICAL CATALOG | CATALOGUE TECHNIQUE



SISTEMAS
EURO 2000®
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA



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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 6 folhas, em sistemas de 2 ou 3 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 arquitetônicas. 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 6 sashes typologies, in systems of 2 or 3 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 6 vantaux, dans des systèmes à 2 ou 3 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 compatible avec systèmes à battant et 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

Aro móvel | Mobile frame | Cadres ouvrants: 40mm | 44mm

ENCHIMENTO

FILLING | REPLISSAGE

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

PESO MÁXIMO

MAXIMUM WEIGHT | POIDS MAXIMALE

280 Kg/folha | sash | vantail

ÁREA MÁXIMA

MAXIMUM AREA | AIRE MAXIMALE

4,50 m²/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

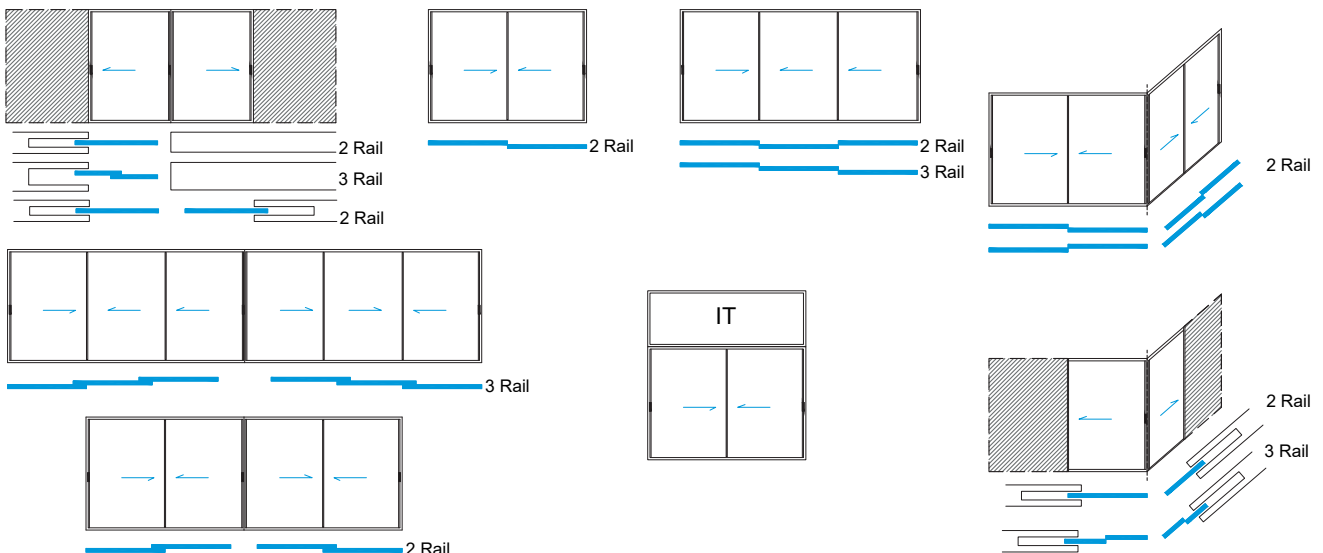
ACABAMENTOS

FINISHES | FINITIONS

Lacados | Powder coated | Laqué

Anodizados | Anodised | Anodisé

Bicolores | Bicolour | Bicoloreur



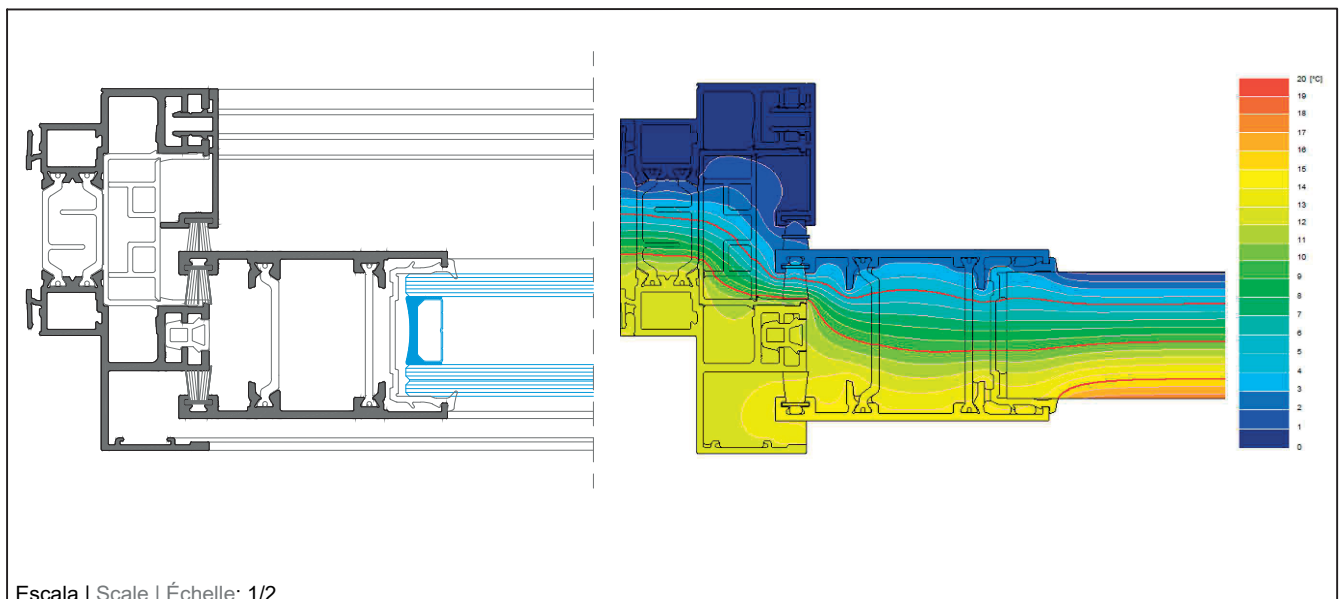
Todas as medidas são consideradas em mm, salvo as devidamente identificadas

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

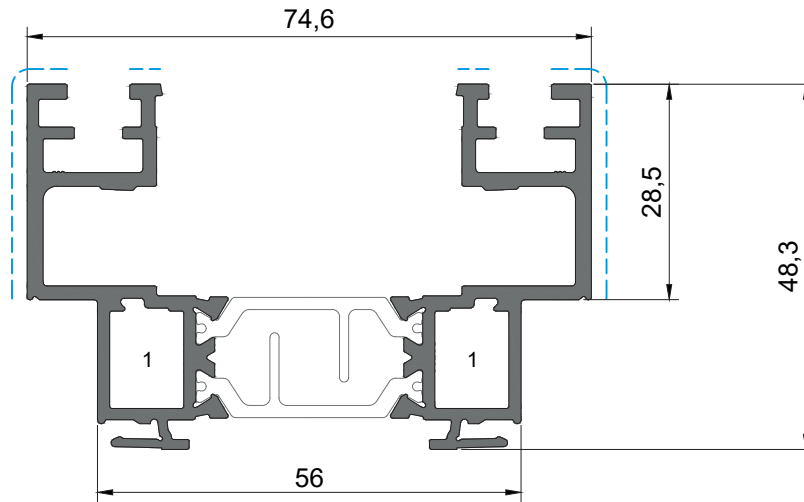
<p align="center">Marcação CE CE Marking Marquage CE NP EN 14351-1</p>	<p>Janela 2 folhas de correr com 2,405m x 2,295m (LxH) Vidro: 10 + 12 + 10 2 Sashes window 2,405m x 2,295m (LxH) Glass: 10 + 12 + 10 Fenêtre 2 vantaux 2,405m x 2,295m (LxH) Verre: 10 + 12 + 10</p>
<p align="center">Permeabilidade ao AR AIR Permeability Permeabilité à l'AIR EN 12 207:2016</p>	<p align="center">3</p>
<p align="center">Estanquidade à ÁGUA WATER Tightness Étanchéité à l'EAU EN 12 208:1999</p>	<p align="center">7A</p>
<p align="center">Resistência ao VENTO WIND Resistance Résistance au VENT EN 12 210:2016</p>	<p align="center">C5</p>
<p align="center">Coef. Transm. TÉRMICA THERMAL Transmittance Coef. Transm. THERMIQUE UNE-ISO 13947:2005</p>	<p>Uw = 1,35 W/m²K 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>Uw = 1,44 W/m²K 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 align="center">Isolamento ACÚSTICO ACOUSTIC Insulation Isolation ACOUSTIQUE NP EN 14351-1:2008 - Anexo B</p>	<p>Rw = 37 dB Rw (IGU) = 47 dB, área area ≤ 2,70m² ENSAIO TEST ESSAIS ACL 055/21</p>





LISTAGEM DE PERFIS
PROFILES LIST | LISTE DES PROFILÉS

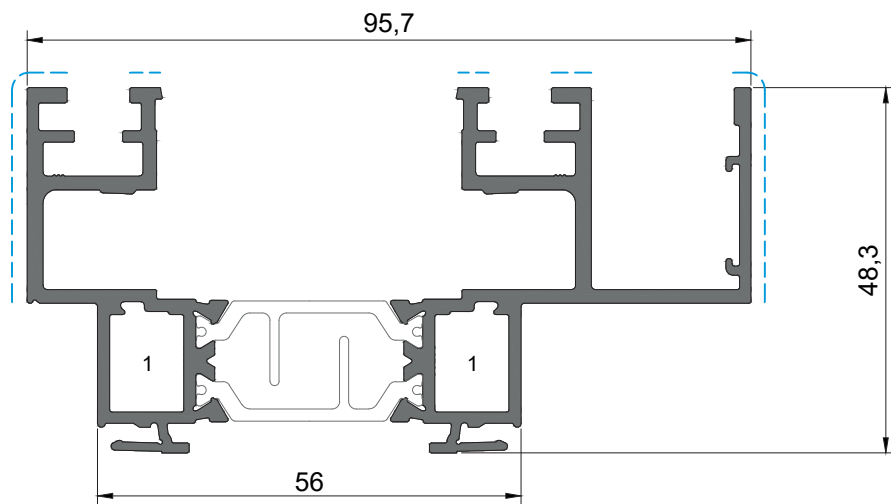
AROS FIXOS FR | FR FIXED FRAMES | DORMANTS FR



JT 01

Aro fixo FR 2rail

2rail FR fixed frame | Cadre dormant FR 2rail



JT 02

Aro fixo FR 2rail

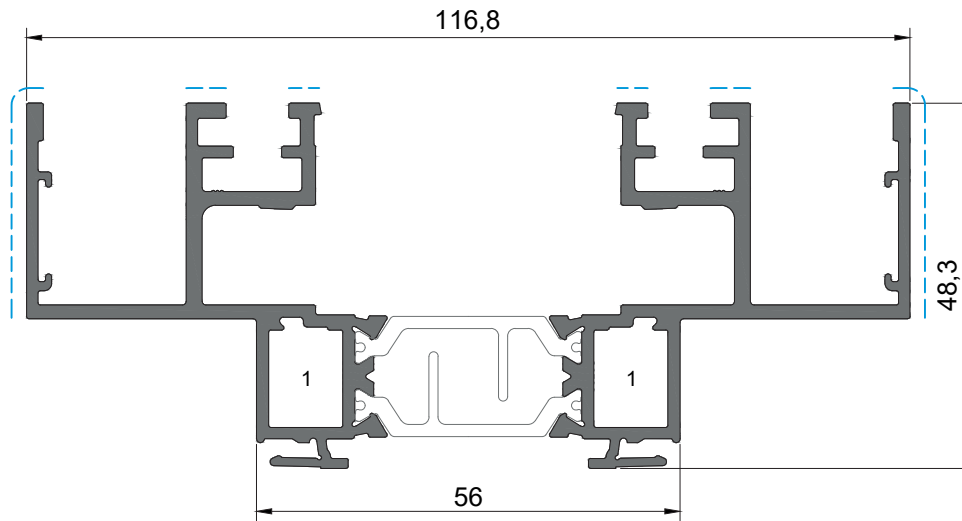
2rail FR fixed frame | Cadre dormant FR 2rail

Treatmento de superficie | Surface treatment | Traitement de surface
PB | PFM | 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

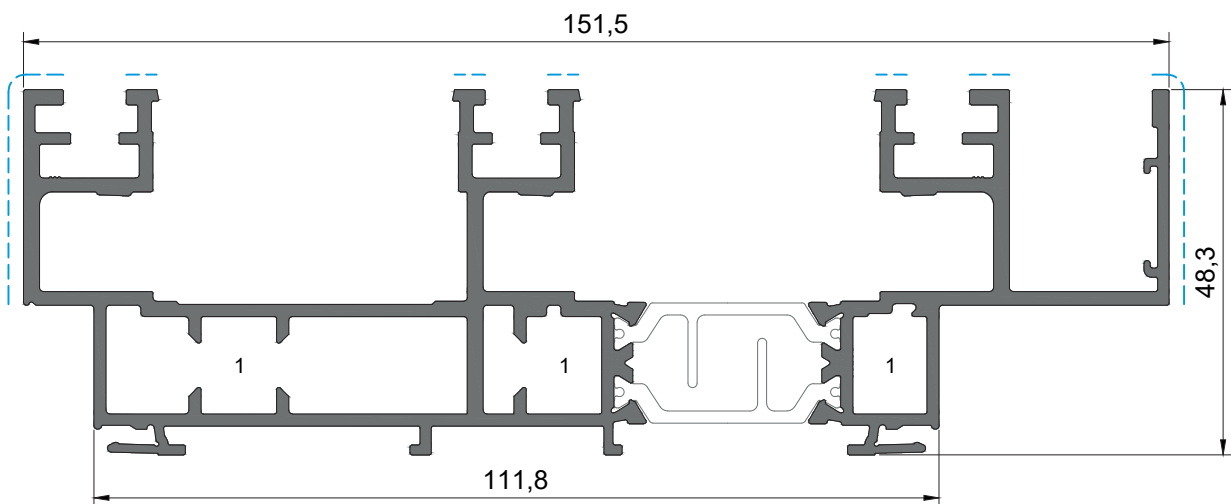
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT

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

AROS FIXOS FR | FR FIXED FRAMES | DORMANTS FR



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



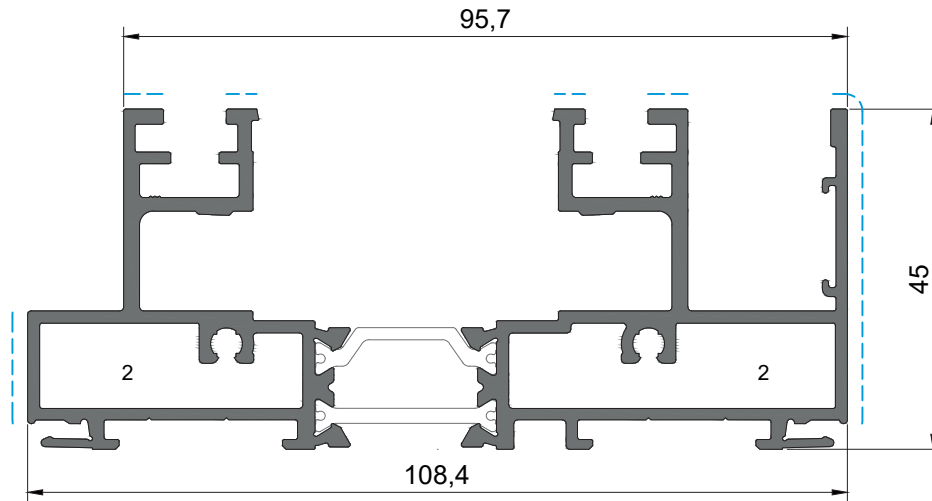
JT 03
Aro fixo FR 3rail
3rail FR fixed frame | Cadre dormant FR 3rail

Treatmento de superficie | Surface treatment | Traitement de surface
PB | PFM | TEF | 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

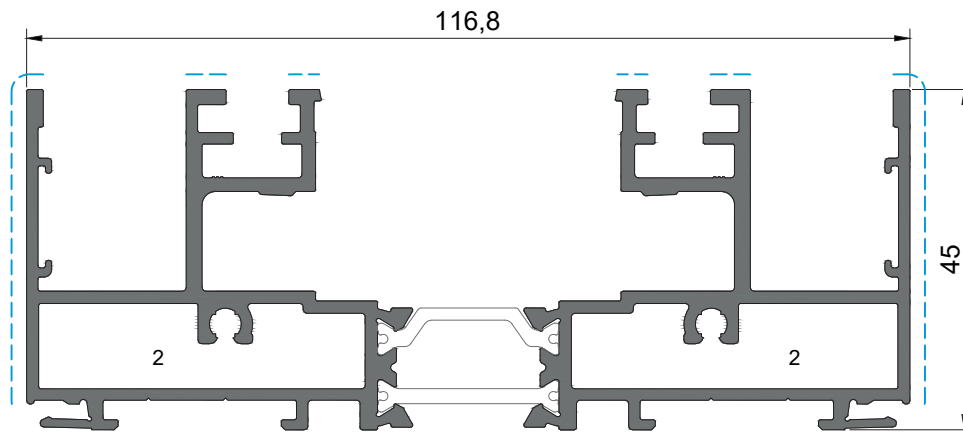
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT

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

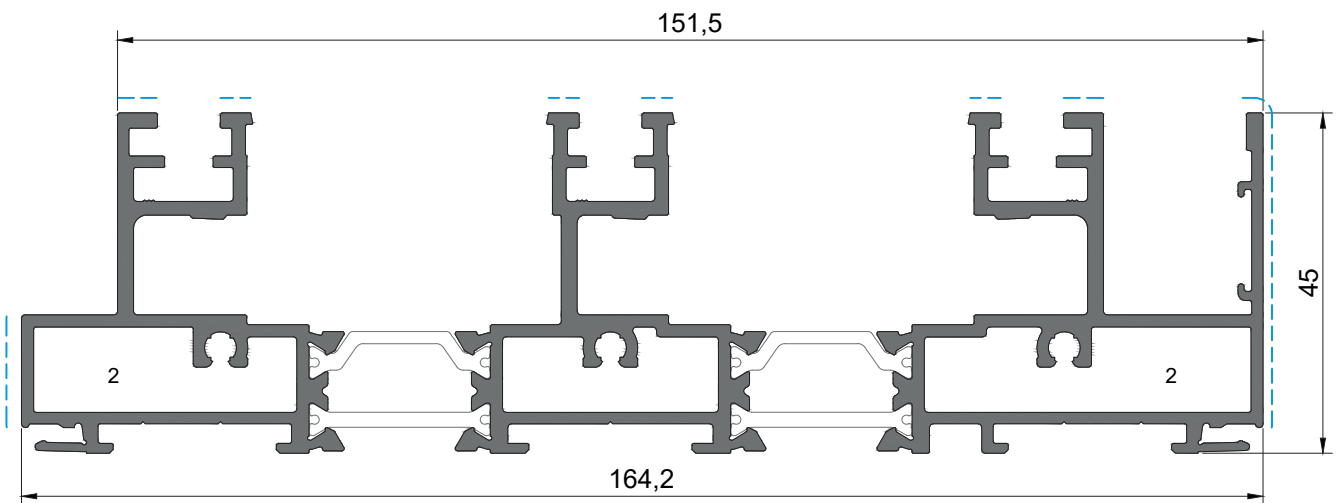
AROS FIXOS PT | PT FIXED FRAMES | DORMANTS PT



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



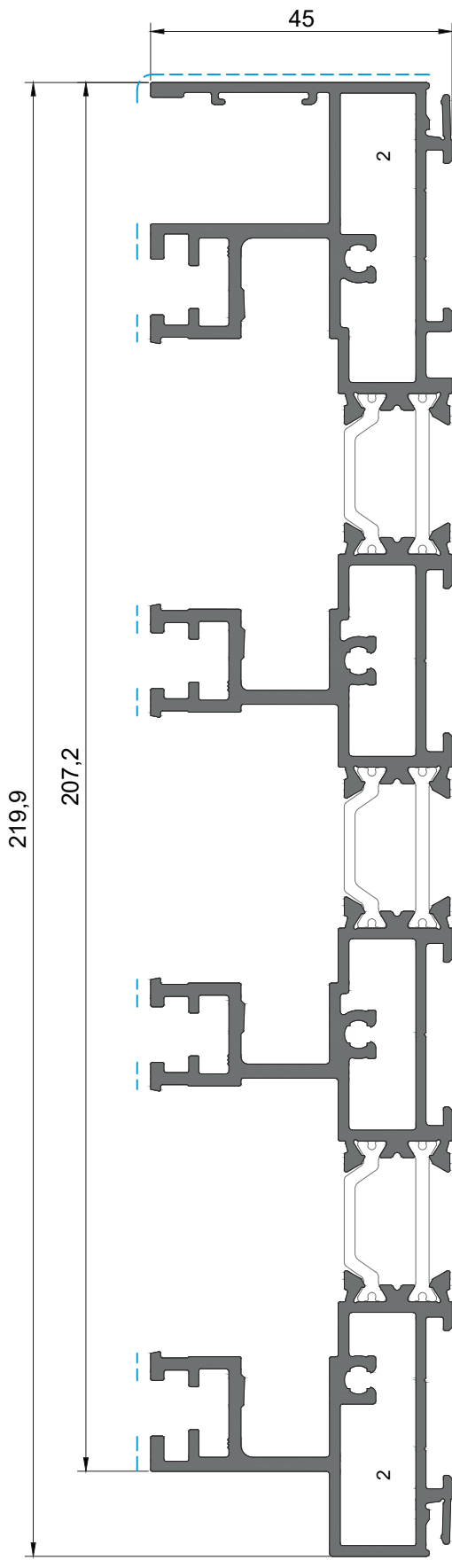
JT 13
Aro fixo PT/90° 3rail
3rail PT/90° fixed frame | Cadre dormant PT/90° 3rail

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

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

Treatmento de superficie | Surface treatment | Traitement de surface
PB | PFM | EFM | IEM
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

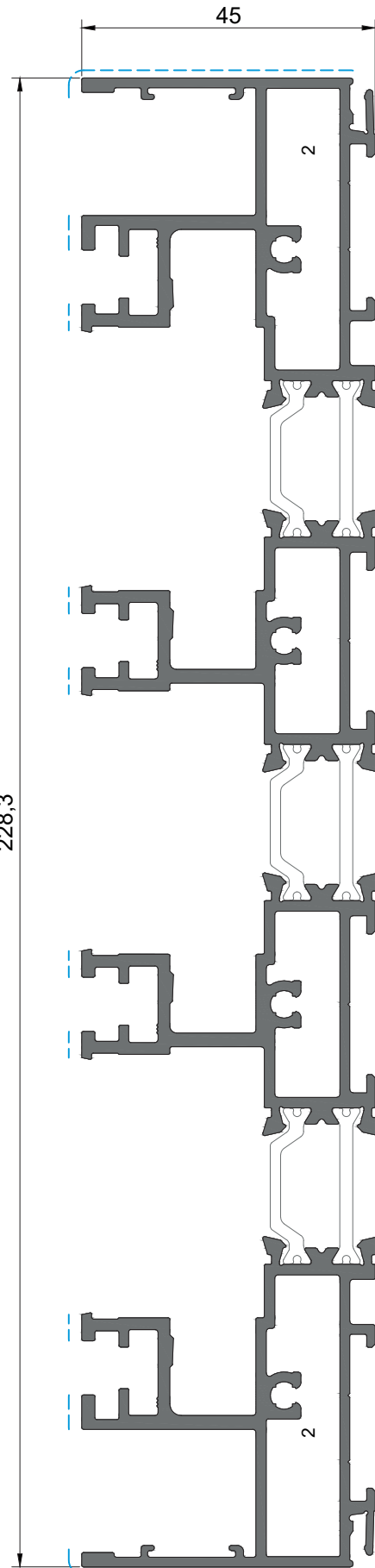
AROS FIXOS PT | PT FIXED FRAMES | DORMANTS PT



JT 33

Aro fixo PT/90° 4rail

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



JT 34

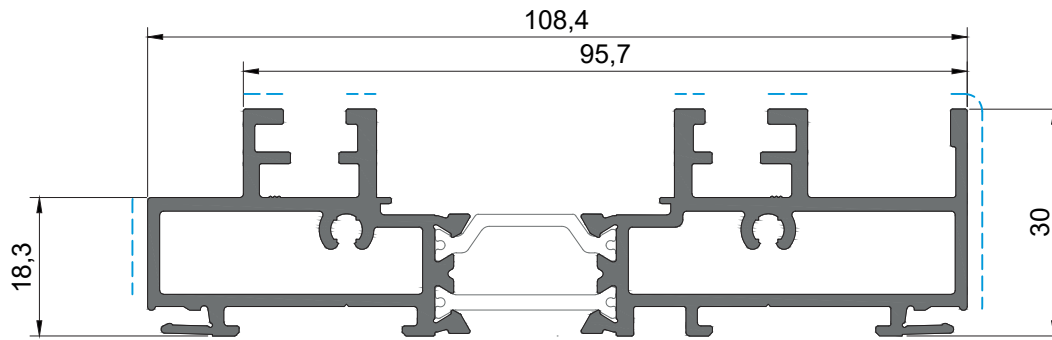
Aro fixo PT/90° 4rail

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

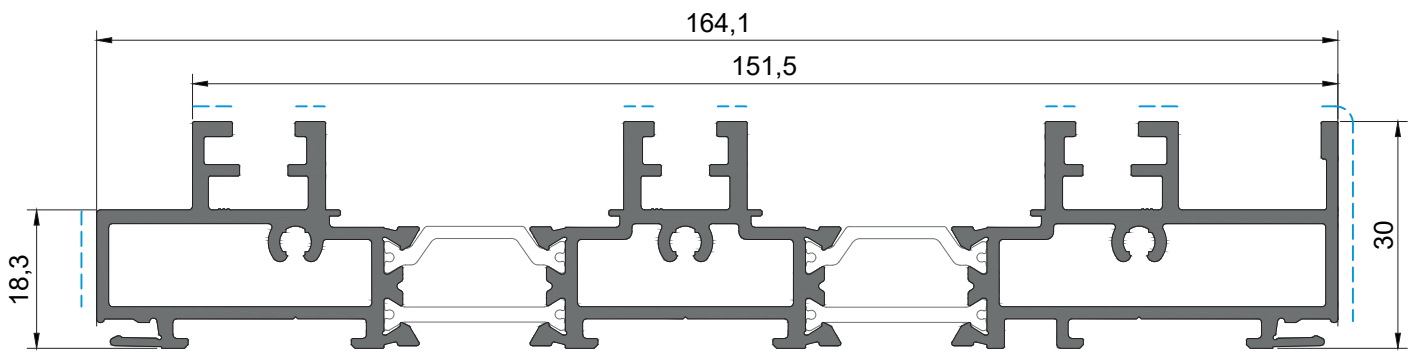
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 12x9.5 JT

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

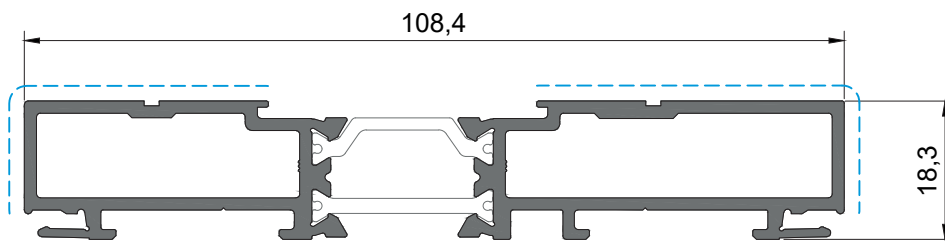
AROS FIXOS SOLEIRA 30MM | 30MM SILL FIXED FRAMES | DORMANTS SEUIL 30MM



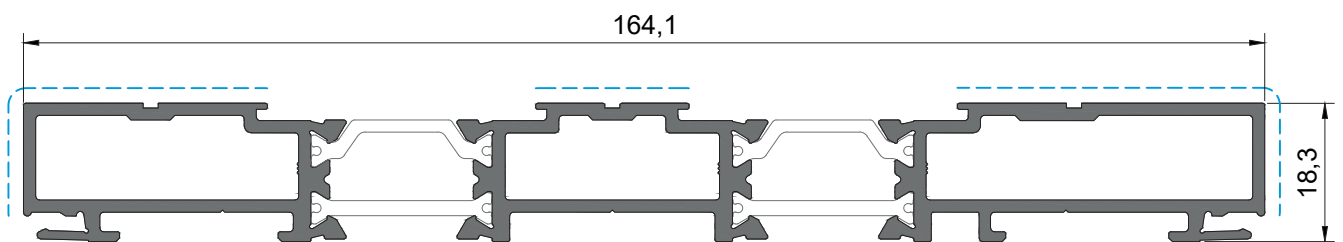
JT 22
Soleira 30mm 90° 2rail
2rail 30mm 90° sill | Seuil 30mm 90° 2rail



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



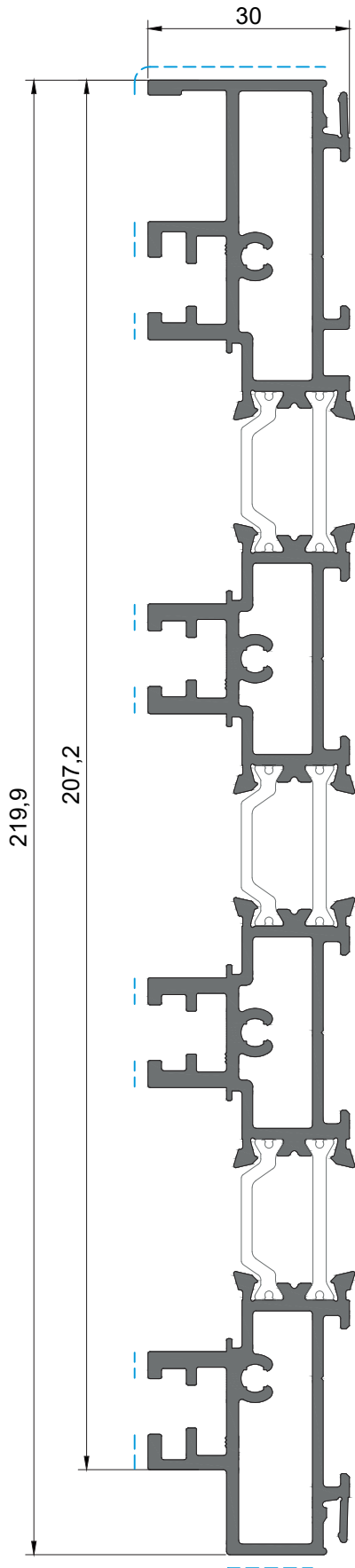
JT 18
Ombreira 90° 2rail
2rail 90° jamb | Jambage 90° 2rail



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

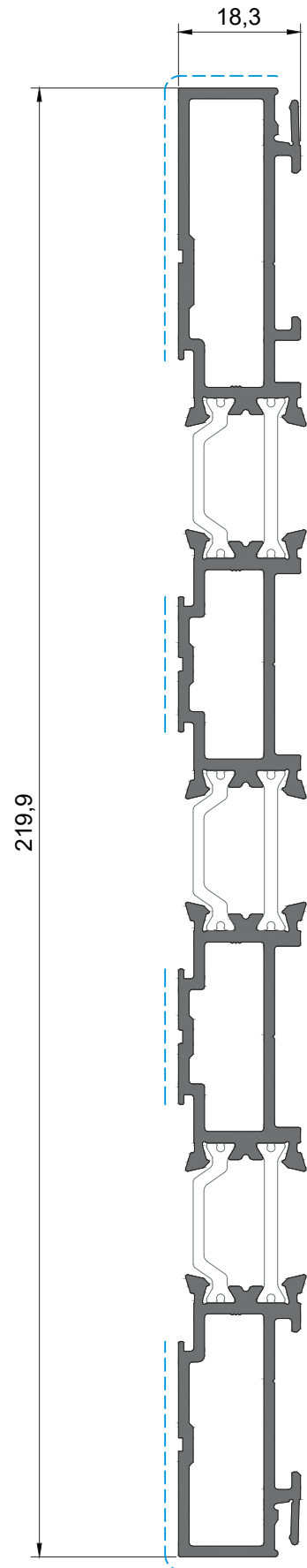
Treatmento de superficie | Surface treatment | Traitement de surface
PB | PM | EF | EM
PB | PM | EF | EM
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs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

AROS FIXOS SOLEIRA 30MM | 30MM SILL FIXED FRAMES | DORMANTS SEUIL 30MM



JT 43

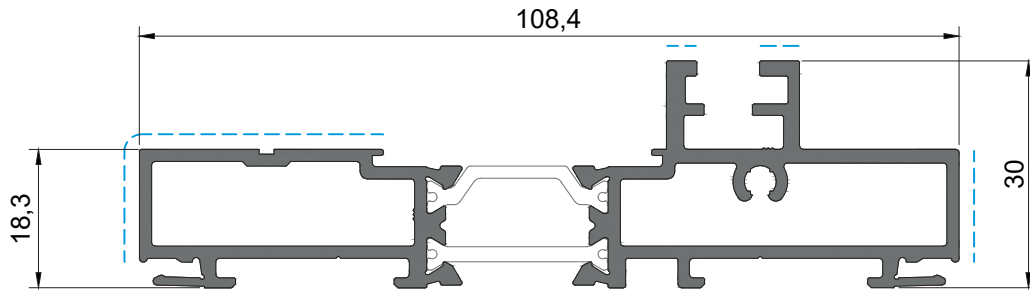
Soleira 30mm 90° 4rail
4rail 30mm 90° sill | Seuil 30mm 90° 4rail



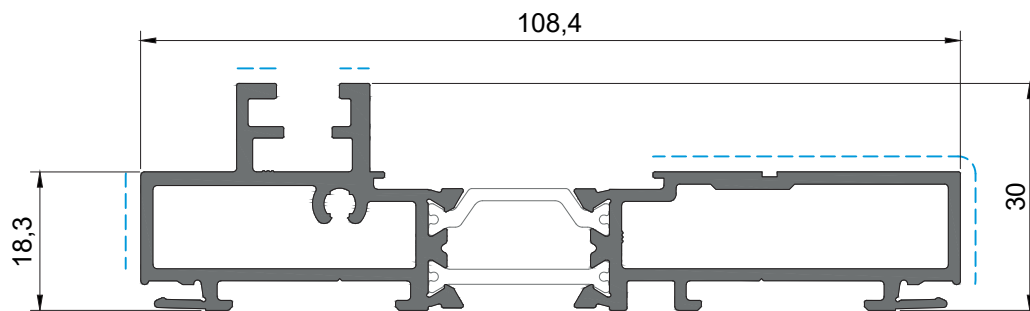
JT 38

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

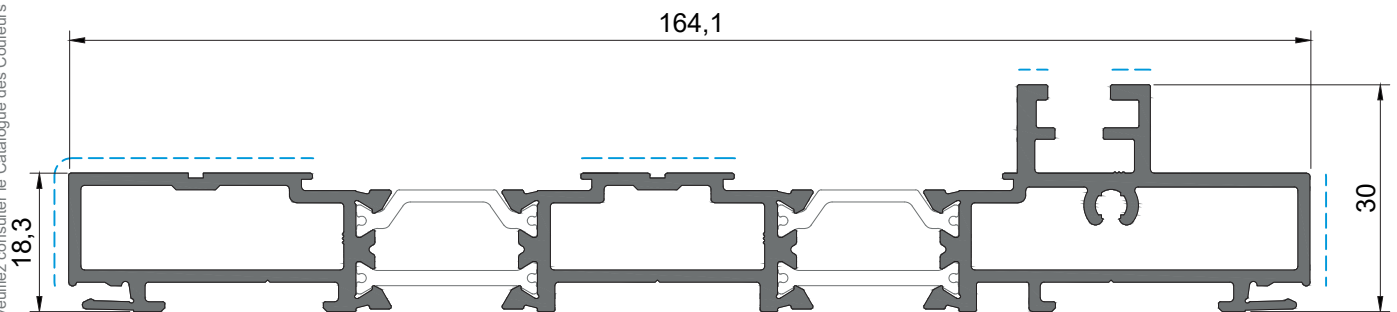
AROS FIXOS SOLEIRA 30MM | 30MM SILL FIXED FRAMES | DORMANTS SEUIL 30MM



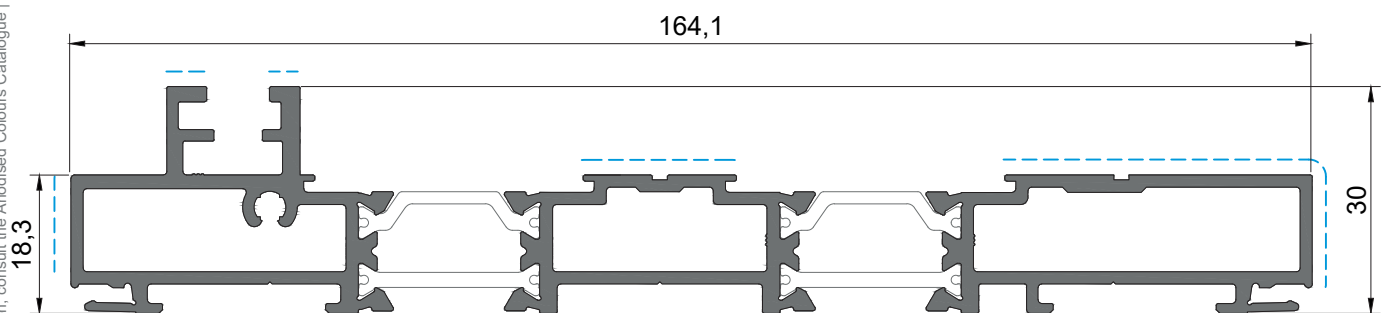
JT 17
Ombreira 90° 2rail
2rail 90° jamb | Jambage 90° 2rail



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



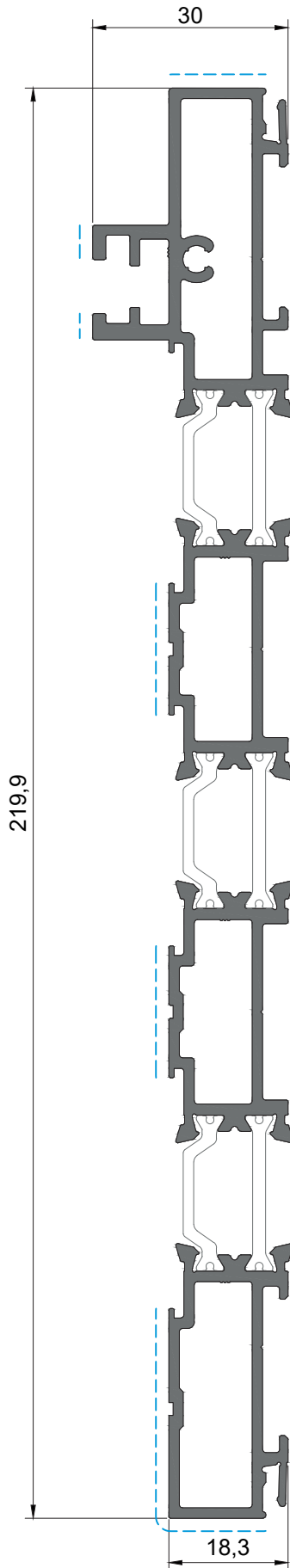
JT 27
Ombreira 90° 3rail
3rail 90° jamb | Jambage 90° 3rail



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

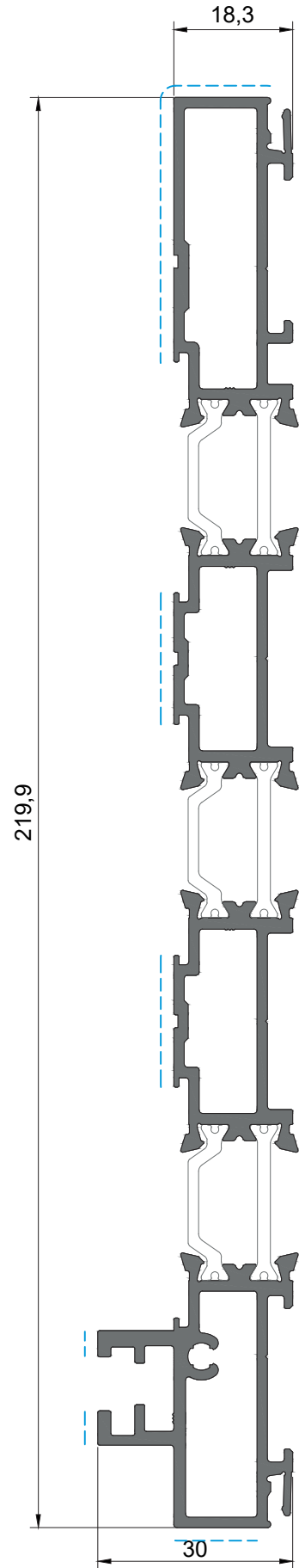
AROS FIXOS SOLEIRA 30MM | 30MM SILL FIXED FRAMES | DORMANTS SEUIL 30MM



JT 37

Ombreira 90° 4rail

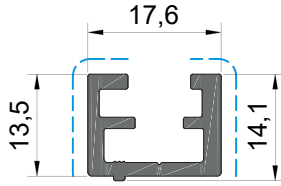
4rail 90° jamb | Jambage 90° 4rail



JT 39

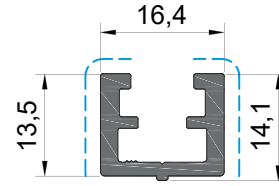
Ombreira 90° 4rail

4rail 90° jamb | Jambage 90° 4rail



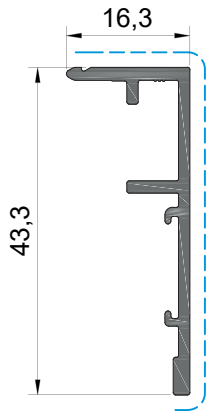
JT 78

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



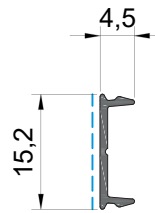
JT 79

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



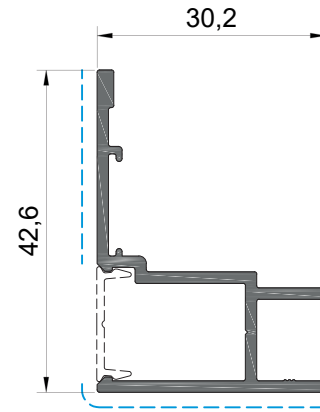
JT 82

Perfil pingadeira
Drip profile | Larmier



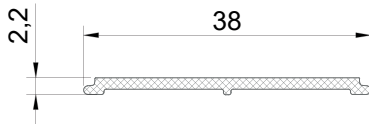
AT 30

Capa
Cover | Couverture



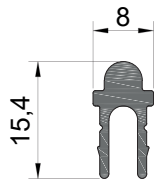
JT 83

Perfil pingadeira
Drip profile | Larmier



JE 96

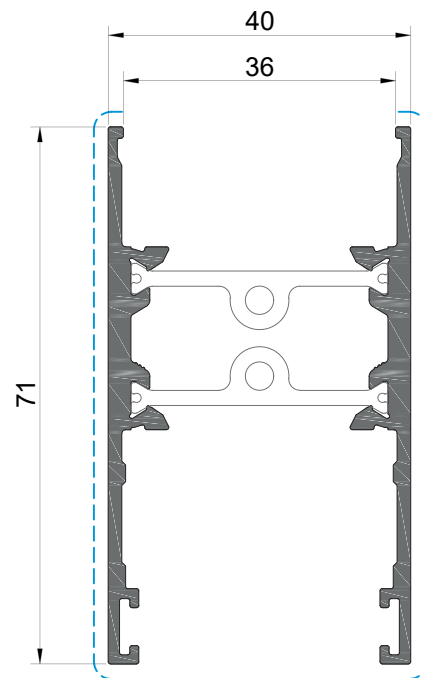
Perfil poliamida
Polyamide profile | Profilé de polyamide



JT 87

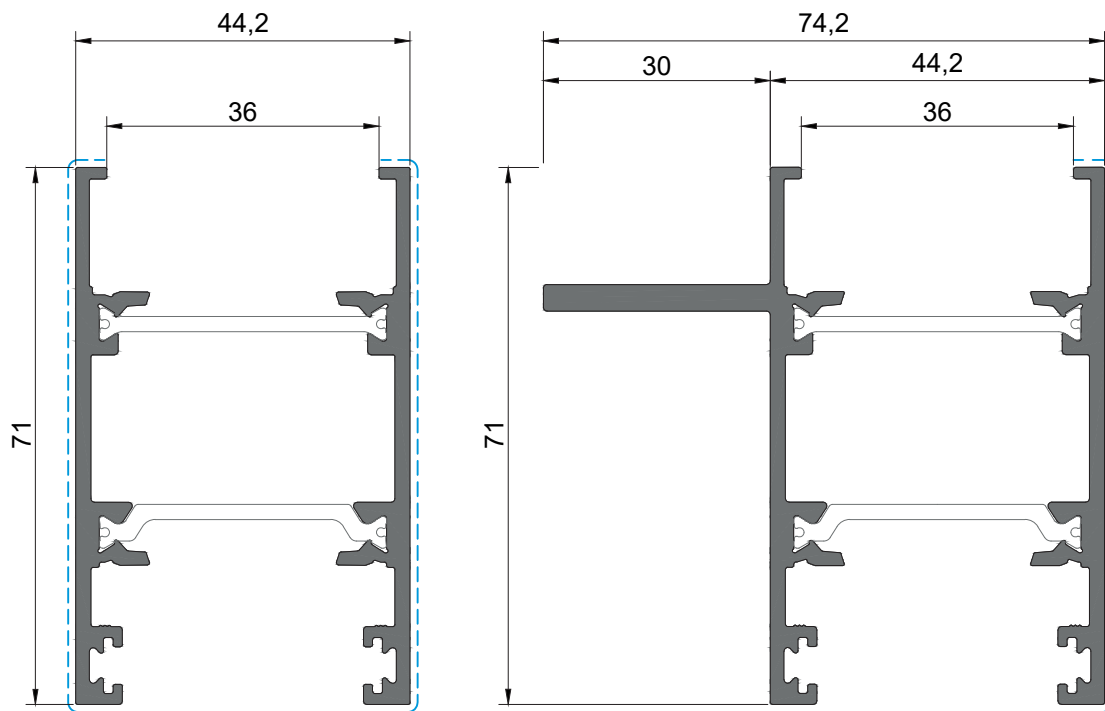
Guia
Guide | Guide

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



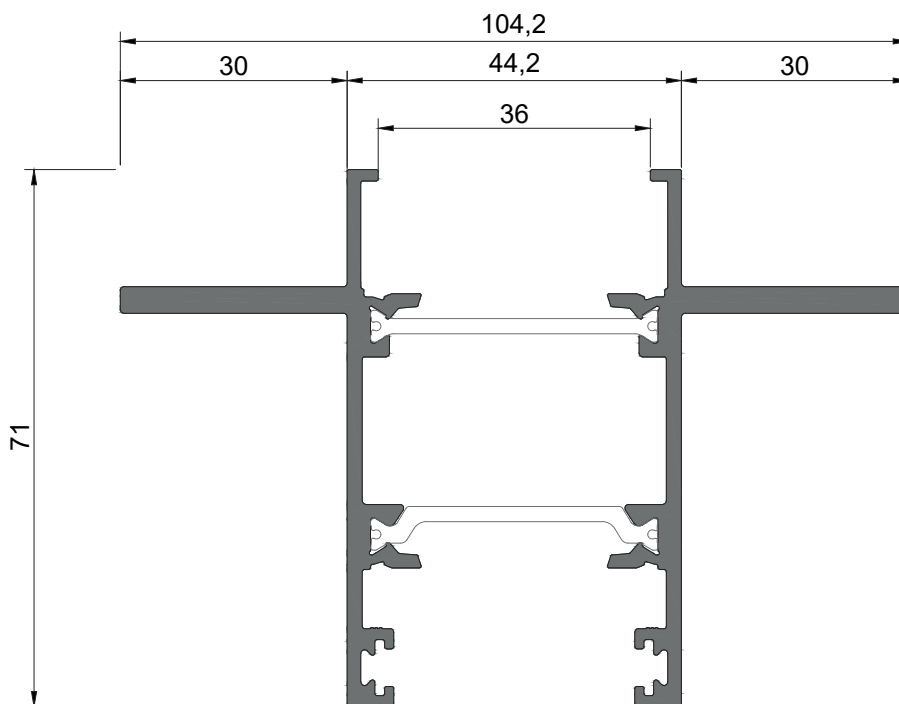
JT 63

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



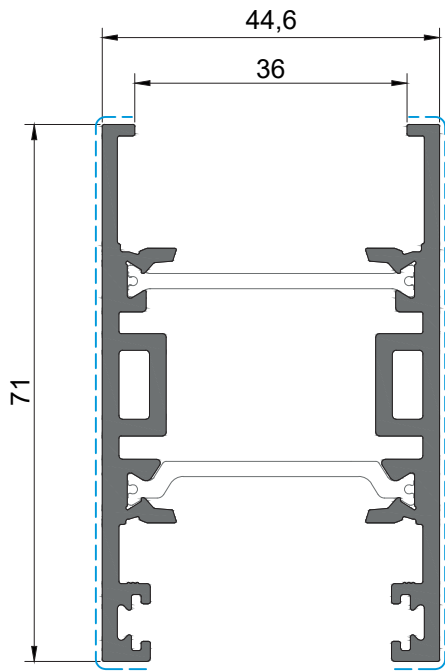
JT 61
Perfil lateral
Lateral profile | Profilé latéral
(Janelas)
(Windows)
(Fenêtres)

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)

Treatmento de superficie | Surface treatment | Traitement de surface
PB | PFM | 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 66

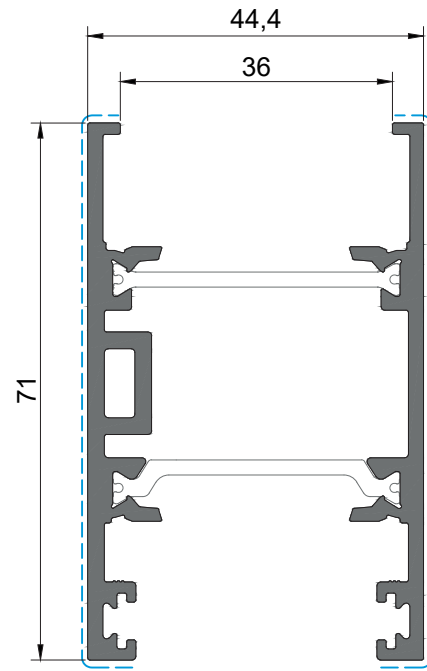
Perfil lateral

Lateral profile | Profilé latéral

(Janelas/Sacadas)

(Windows/Full height windows)

(Fenêtres/Porte-fenêtres)



JT 67

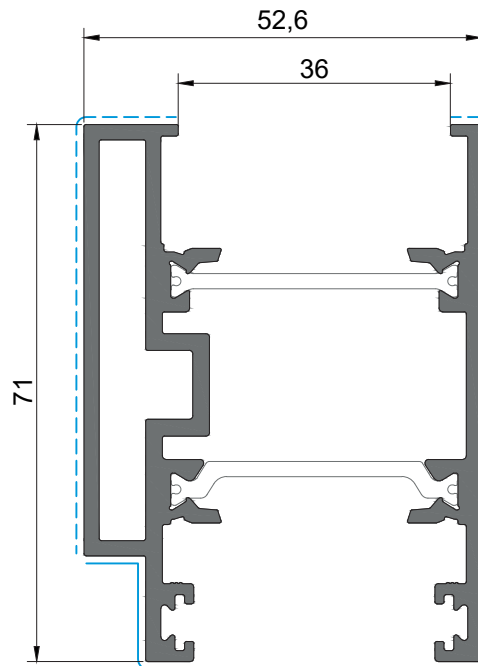
Perfil lateral

Lateral profile | Profilé latéral

(Janelas/Sacadas)

(Windows/Full height windows)

(Fenêtres/Porte-fenêtres)



JT 68

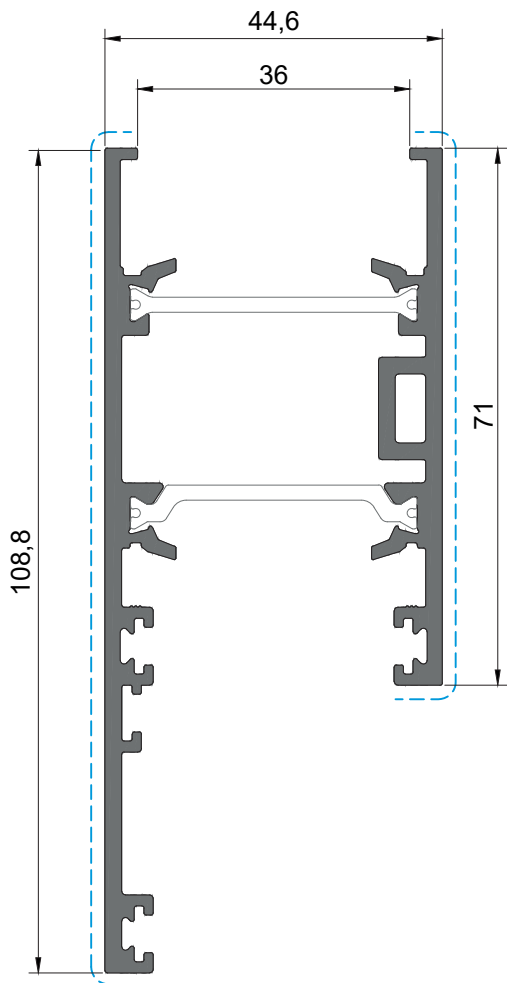
Perfil lateral

Lateral profile | Profilé latéral

(Sacadas)

(Full height windows)

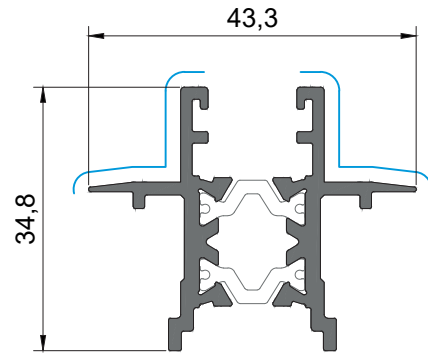
(Porte-fenêtres)



JT 62

Perfil lateral canto 90°

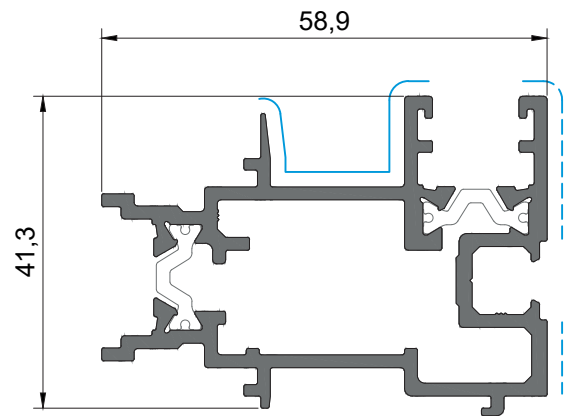
90° Corner lateral profile | Profilé latéral d'angle à 90°



JT 71

Perfil ligação central

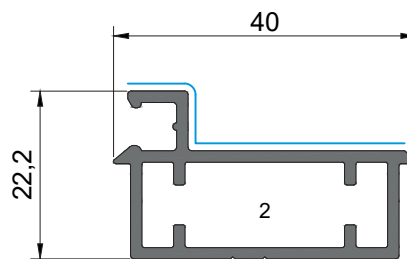
Central connecting profile | Profilé de liaison centrale



JT 72

Perfil ligação canto 90°

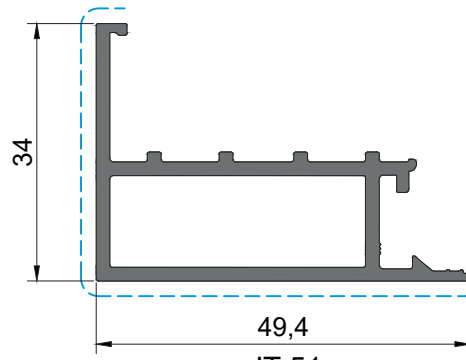
90° Corner connection profile | Profilé de liaison d'angle à 90°



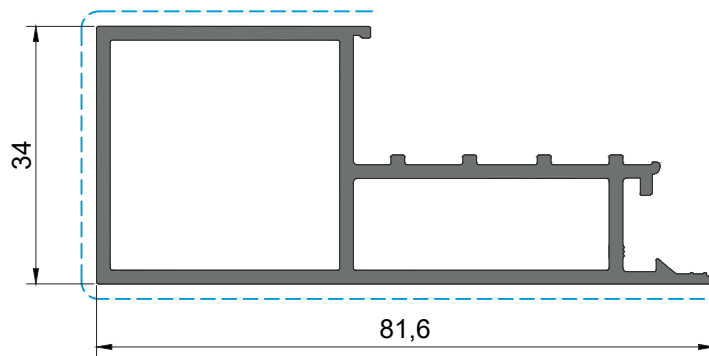
JT 47

Perfil para mosquiteira

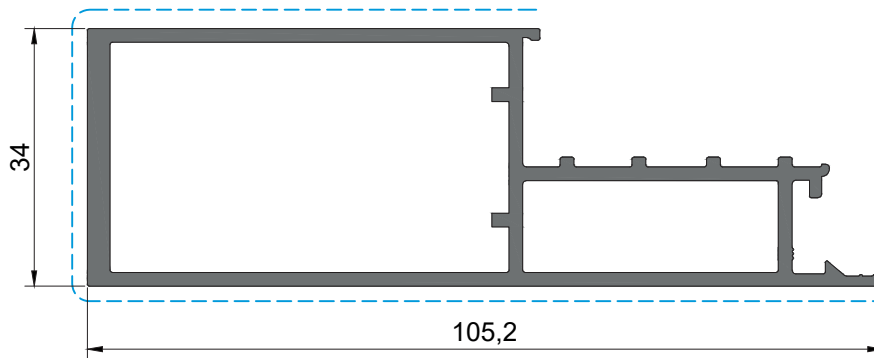
Mosquito net profile | Profilé pour mosquitaire



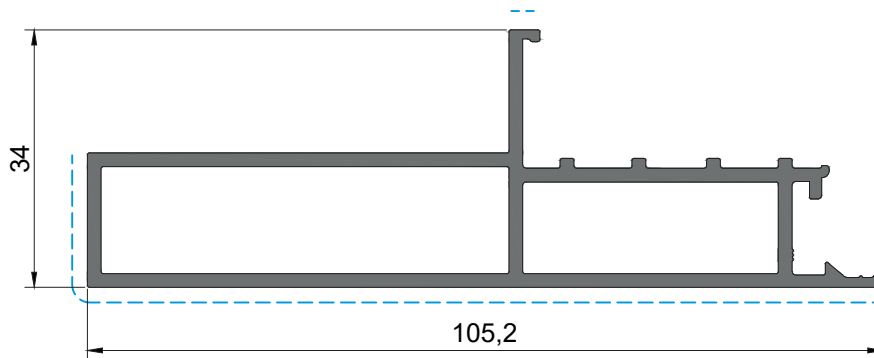
JT 51
Perfil central
Central profile | Profilé central



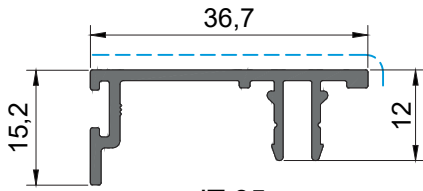
JT 52
Perfil central reforçado
Reinforced central profile | Profilé central renforcé



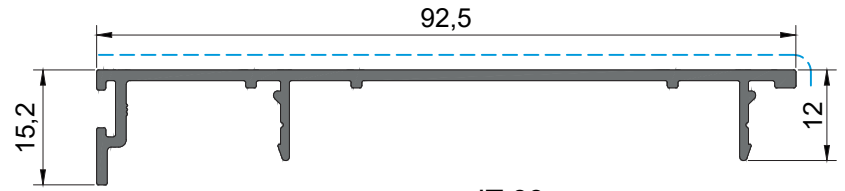
JT 53
Perfil central reforçado
Reinforced central profile | Profilé central renforcé



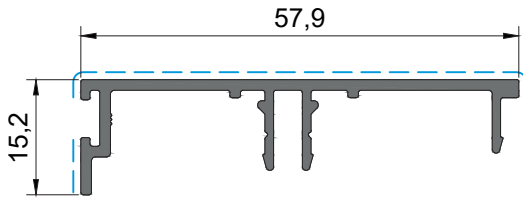
JT 54
Perfil central reforçado
Reinforced central profile | Profilé central renforcé



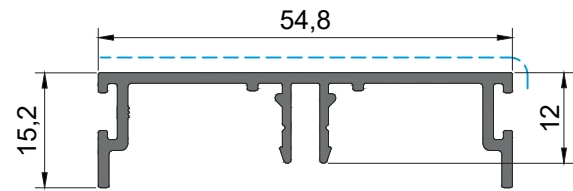
JT 85
Capa
Cover | Couverture



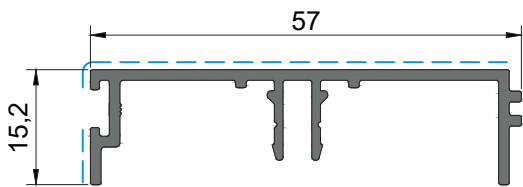
JT 88
Capa
Cover | Couverture



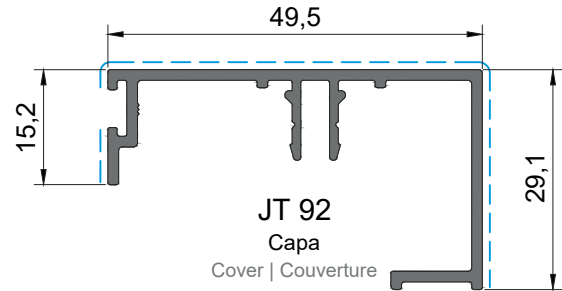
JT 90
Capa
Cover | Couverture



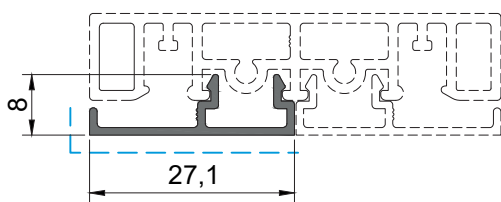
JT 86
Capa
Cover | Couverture



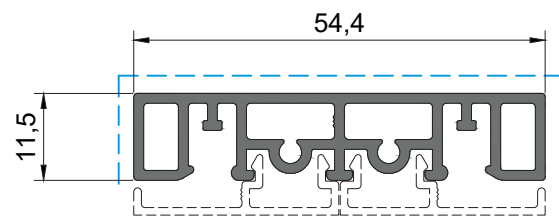
JT 91
Capa
Cover | Couverture



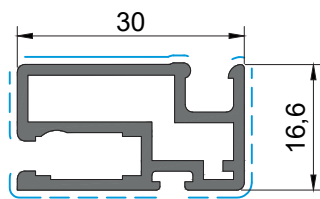
JT 92
Capa
Cover | Couverture



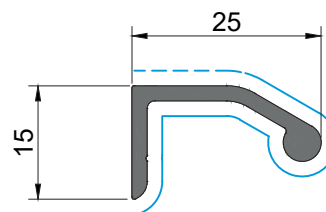
KY 87
Tampa travessa rede mosquiteira
Mosquito net transom cover | Bouchon pour traverse pour mosquiteira



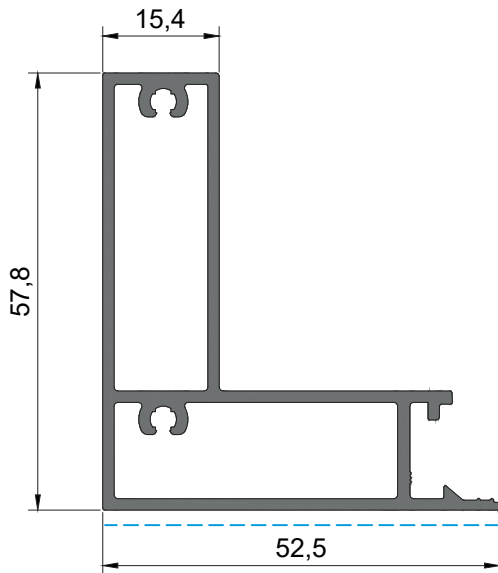
KY 89
Travessa central rede mosquiteira
Mosquito net central transom | Traverse centrale pour mosquiteira



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



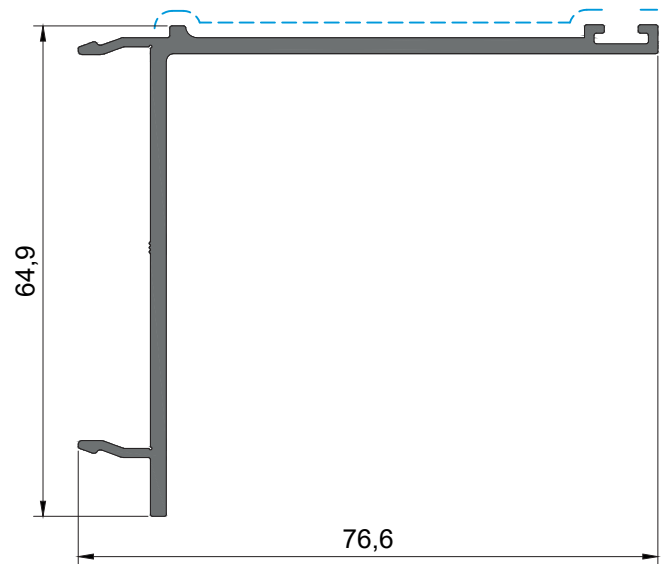
TR 81
Puxador mosquiteira
Mosquito net handle | Poignée mosquiteira



JT 93

Perfil montante para solução de embutir

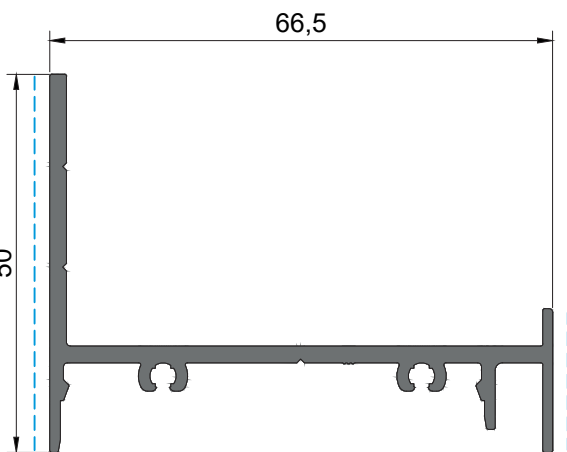
Mullion profile for pocket solution | Profilé de meneau pour galandage



SO 46

Perfil remate para solução de embutir

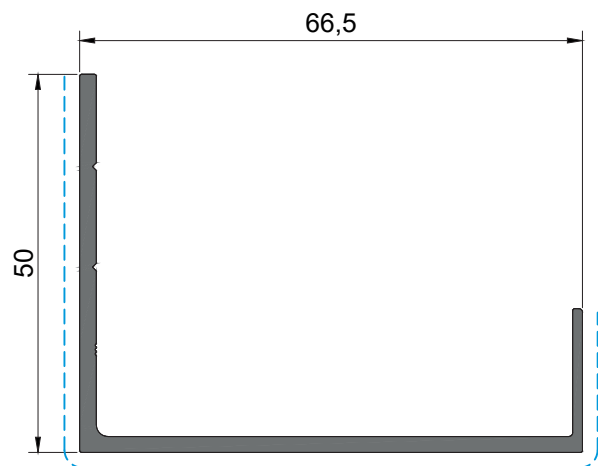
Finishing profile for pocket solution | Profilé de finition pour galandage



SO 47

Perfil remate para solução de embutir

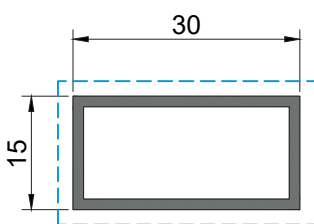
Finishing profile for pocket solution | Profilé de finition pour galandage



SO 48

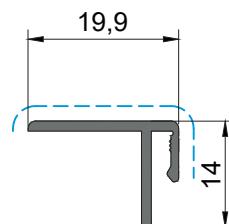
Perfil remate para solução de embutir

Finishing profile for pocket solution | Profilé de finition pour galandage



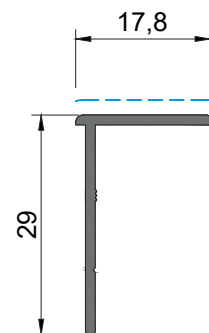
KP 32

Tubo
Tube | Tube



JT 81

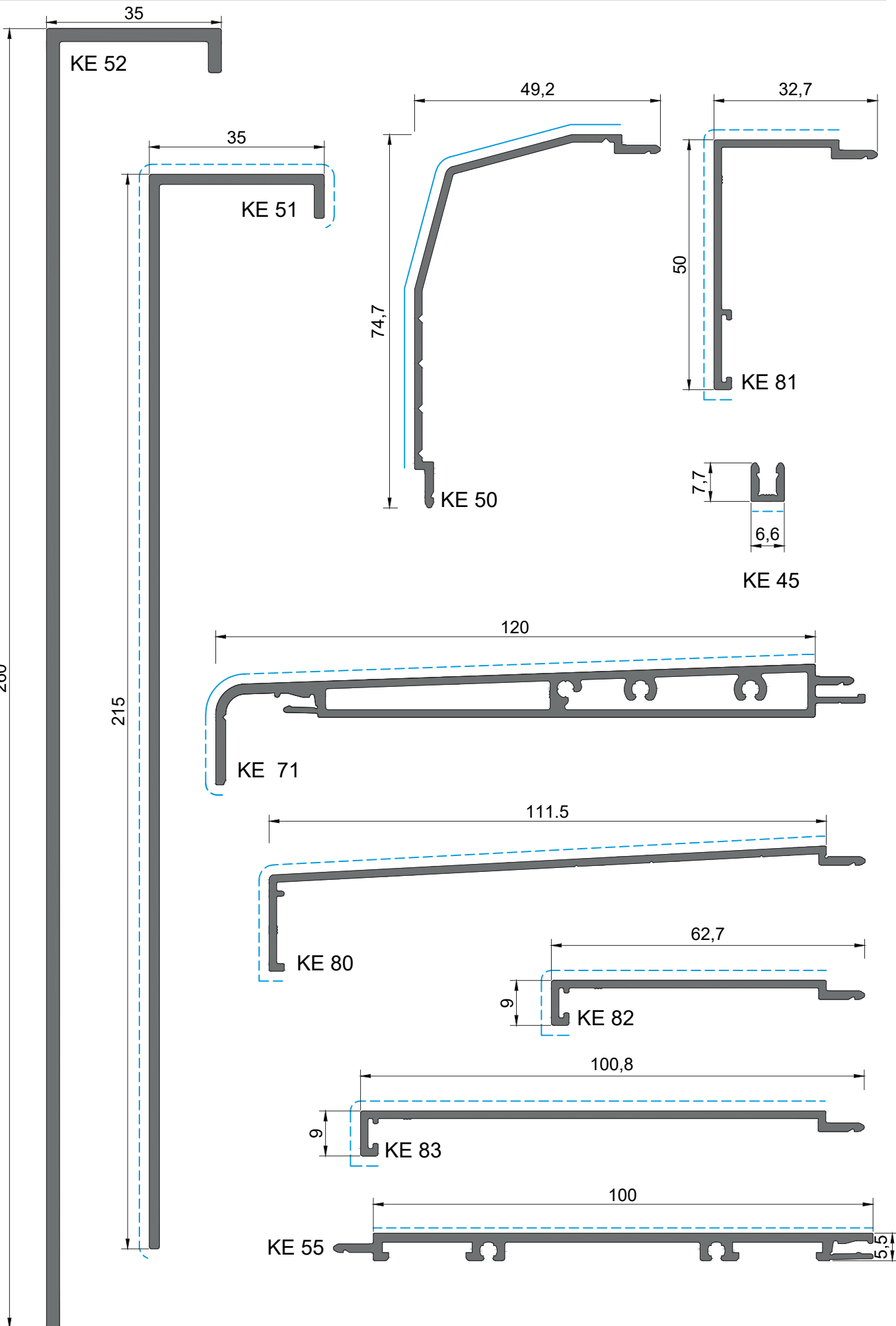
Perfil complementar
Complementary profile | Profilé complémentaire



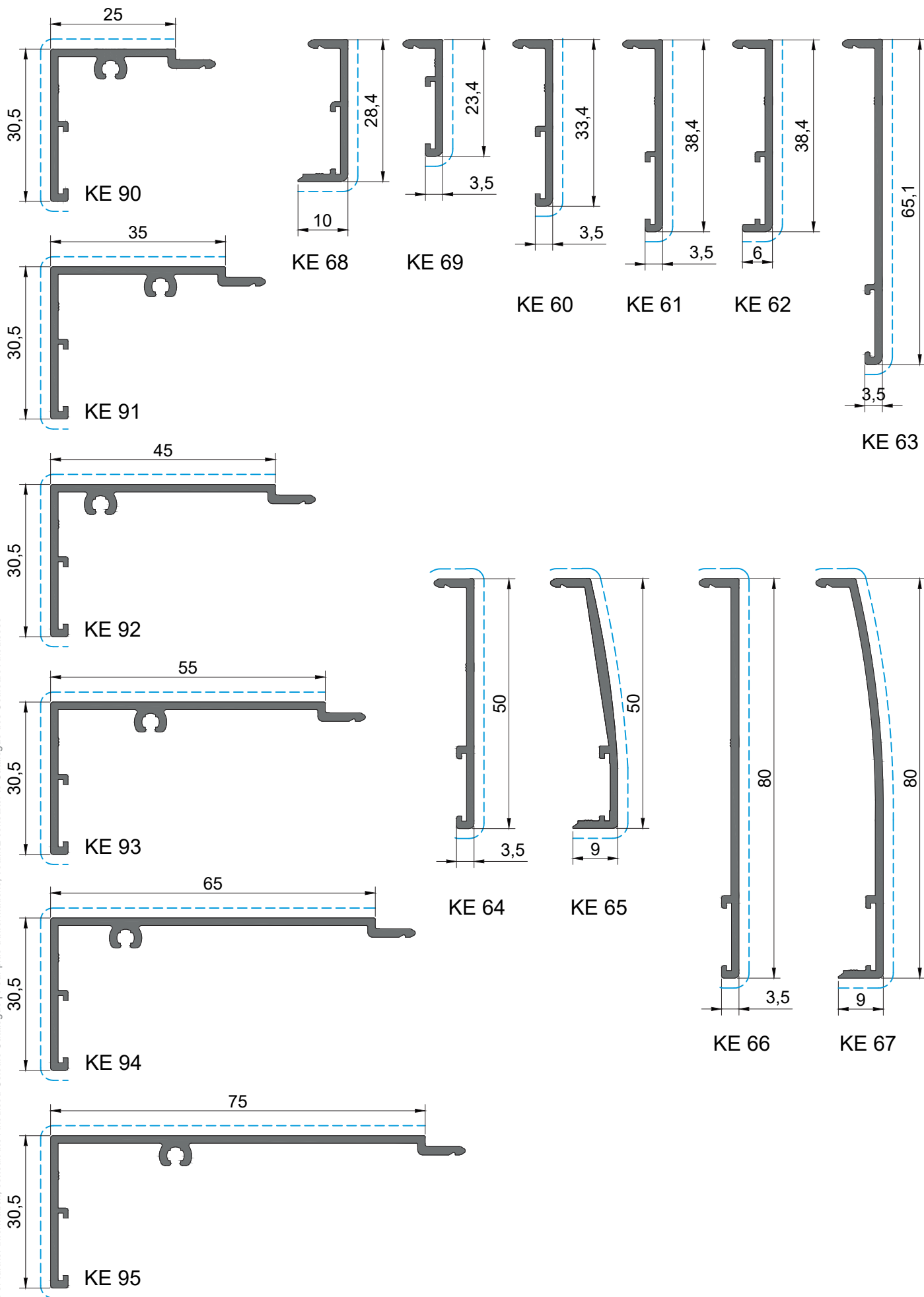
JM 81

Perfil complementar
Complementary profile | Profilé complémentaire

Treatamento de superfície | Surface treatment | Traitement de surface
 PB | PFM | EF | EM PB | PEF | EEM
 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



Treatmento de superficie | Surface treatment | Traitement de surface
 PB | PFM | EFM | IEM
 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**

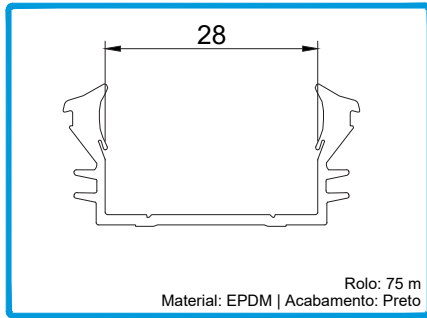




LISTAGEM DE ACESSÓRIOS
ACCESSORIES LIST
LIST D'ACCESSOIRES

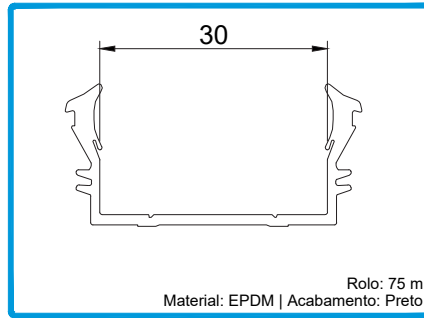
Junta de vidro, vedantes e pelúcias

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



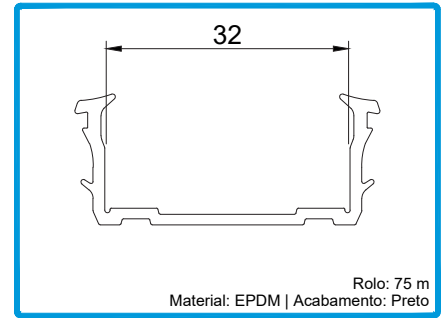
208477 JUNTA VIDRO U 1028 CX 28MM JT

Rolo: 75 m
Material: EPDM | Acabamento: Preto



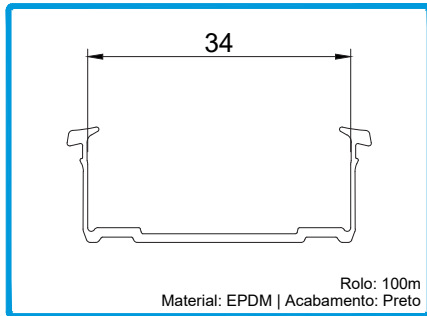
208478 JUNTA VIDRO U 1030 CX 30MM JT

Rolo: 75 m
Material: EPDM | Acabamento: Preto



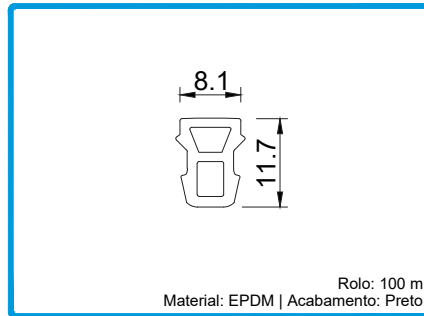
208099 JUNTA VIDRO U 1032 CX 32MM JT

Rolo: 75 m
Material: EPDM | Acabamento: Preto



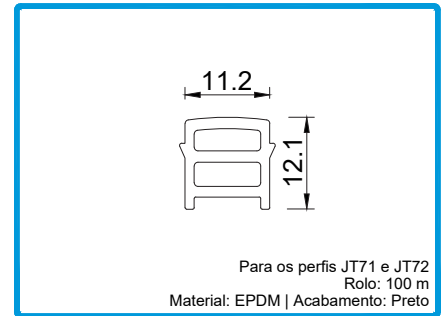
208483 JUNTA VIDRO U 1034 CX 34MM JT

Rolo: 100m
Material: EPDM | Acabamento: Preto



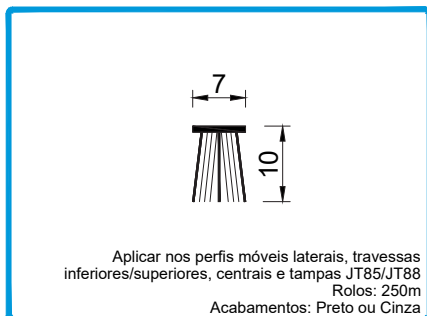
208348 JUNTA TAPA CANAL 2116 JT

Rolo: 100 m
Material: EPDM | Acabamento: Preto



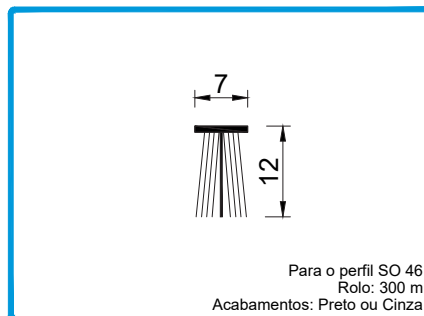
208479 JUNTA TAPA CANAL 2117 JT

Para os perfis JT71 e JT72
Rolo: 100 m
Material: EPDM | Acabamento: Preto



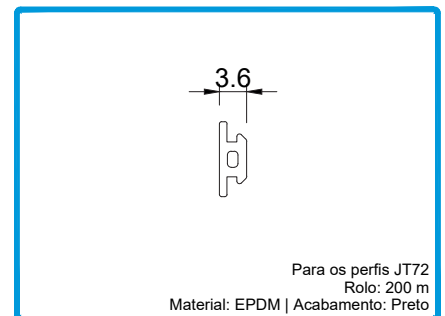
208306 PELÚCIA 7x10 TRI-FIN Cinza
208307 PELÚCIA 7x10 TRI-FIN Preto

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



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

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

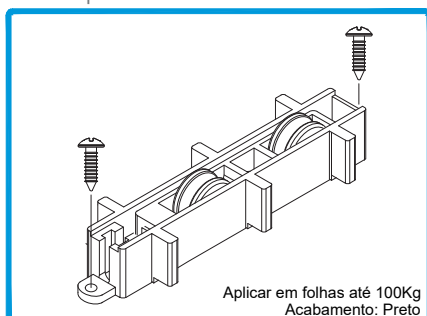


208435 JUNTA VD 2415 PRT

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

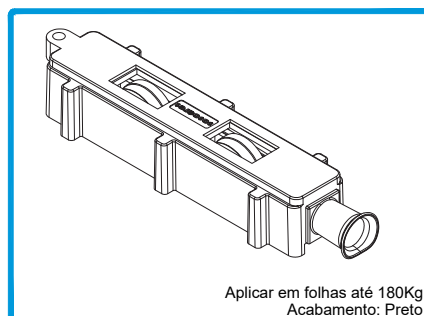
Carrinhos

Rollers | Rouleaux



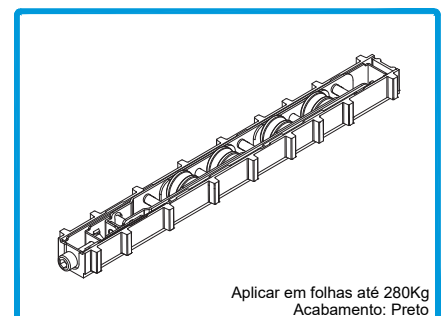
205108 CARRINHO JT 100KG

Aplicar em folhas até 100Kg
Acabamento: Preto



205129 CARRINHO JT 180KG

Aplicar em folhas até 180Kg
Acabamento: Preto

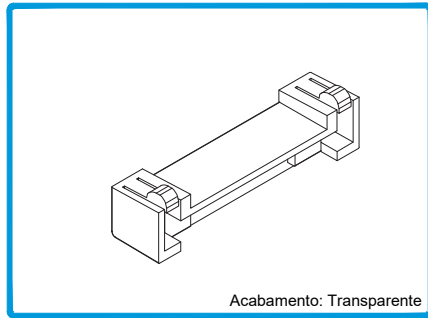


205201 CARRINHO JT HEAVY DUTY

Aplicar em folhas até 280Kg
Acabamento: Preto

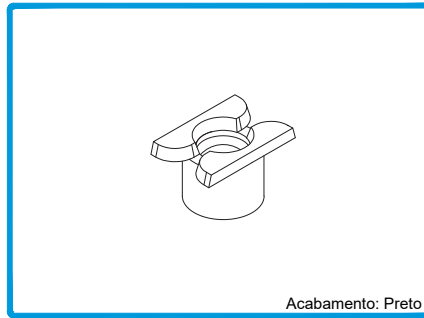
Accesórios de estanqueidade

Watertightness accessories | Accessoires d'étanchéité



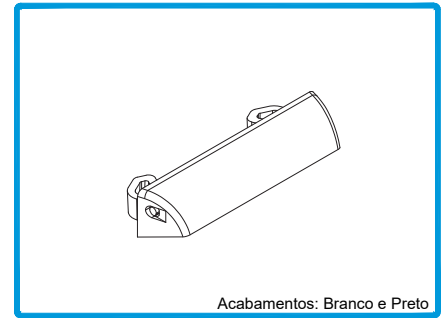
Acabamento: Transparente

210269 GOTEIRA OCULTA C/ VÁLV. SV-C13



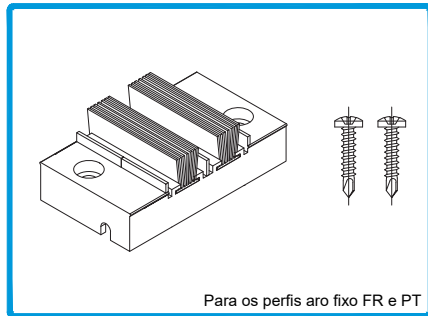
Acabamento: Preto

210265 GOTEIRA C/ VÁLV. BOLA



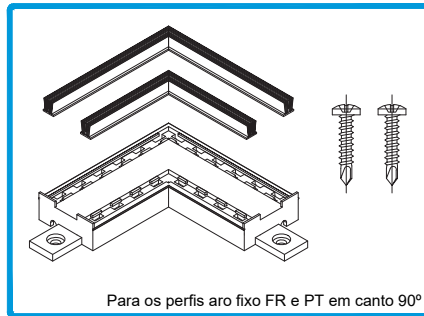
Acabamentos: Branco e Preto

210268 GOTEIRA C/ VÁLV. SVE



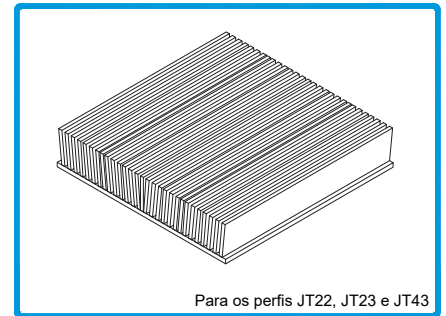
Para os perfis aro fixo FR e PT

213286 CORTA-VENTO JT



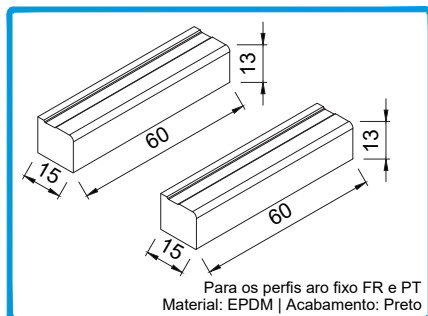
Para os perfis aro fixo FR e PT em canto 90°

213287 CORTA-VENTO CANTO 90° JT



Para os perfis JT22, JT23 e JT43

213288 CORTA-VENTO BAIXO JT

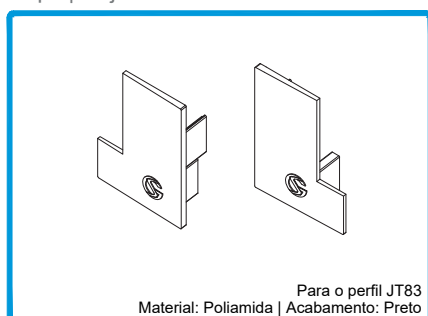


Para os perfis aro fixo FR e PT
Material: EPDM | Acabamento: Preto

212337 CONJ. ESTANQUEIDADE CORTA-VENTO JT

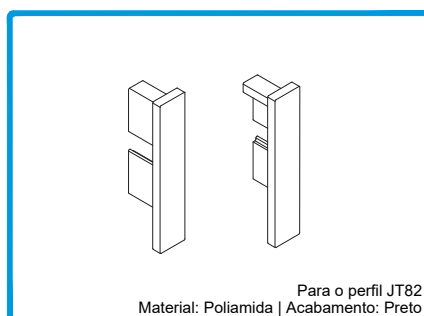
Pingadeiras

Drips | Rejet d'eau



Para o perfil JT83
Material: Poliamida | Acabamento: Preto

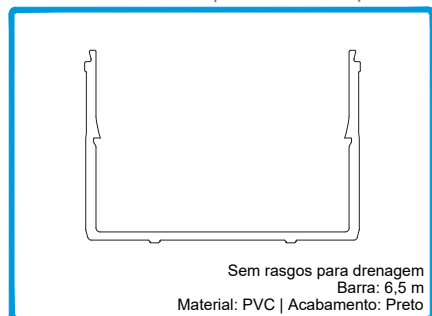
212341 CONJ. TOPOS LAT. PINGADEIRA



Para o perfil JT82
Material: Poliamida | Acabamento: Preto

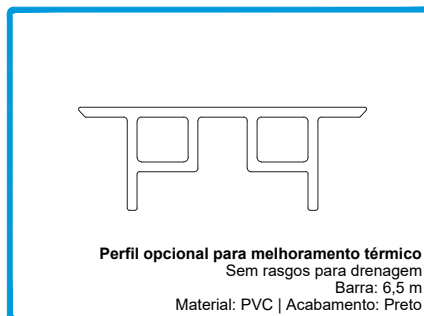
212384 CONJ. TOPOS LAT. PINGADEIRA JT82

Acessórios para o aro
Frame accessories | Accessoires pour cadre



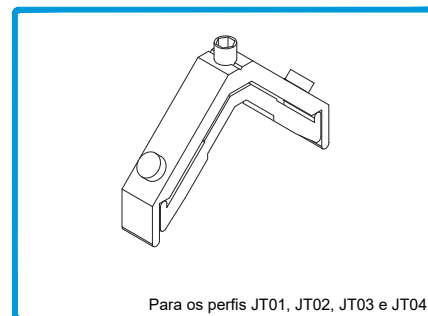
Sem rasgos para drenagem
Barra: 6,5 m
Material: PVC | Acabamento: Preto

215305 PERFIL PVC U JT



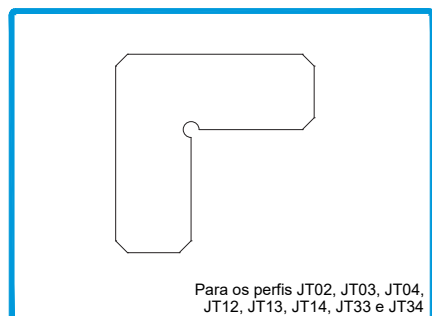
Perfil opcional para melhoramento térmico
Sem rasgos para drenagem
Barra: 6,5 m
Material: PVC | Acabamento: Preto

215303 PERFIL PVC T JT



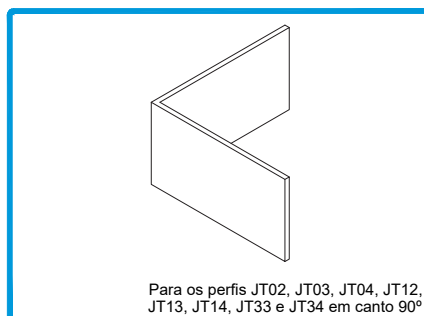
Para os perfis JT01, JT02, JT03 e JT04

204164 ESQUADRO JT 12x9.5



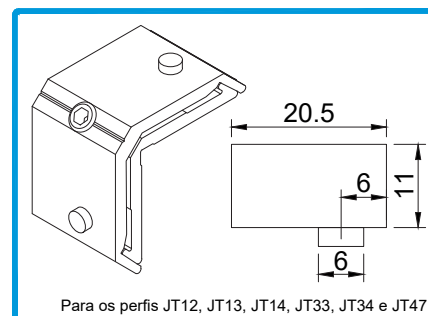
Para os perfis JT02, JT03, JT04,
JT12, JT13, JT14, JT33 e JT34

213246 CANTO CR S/SB



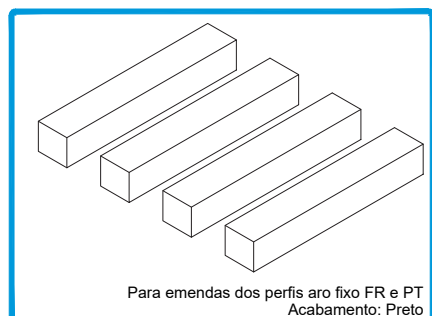
Para os perfis JT02, JT03, JT04, JT12,
JT13, JT14, JT33 e JT34 em canto 90°

204389 ESQUADRO INOX CANTO 90°



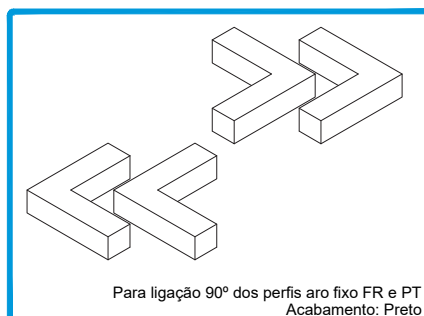
Para os perfis JT12, JT13, JT14, JT33, JT34 e JT47

204153 ESQUADRO JT 11x20.5



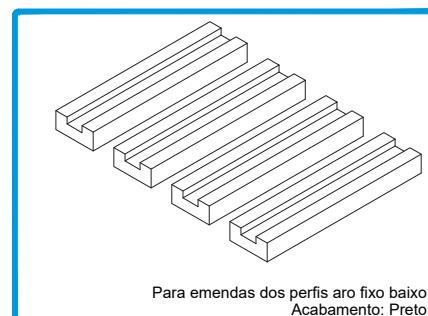
Para emendas dos perfis aro fixo FR e PT
Acabamento: Preto

212242 CONJ. UNIÃO RETA JT



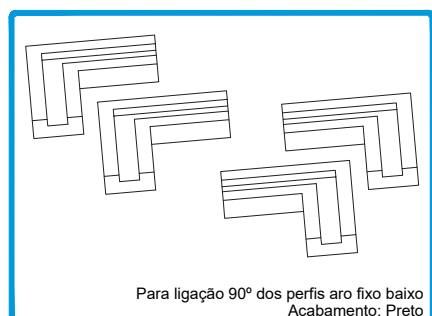
Para ligação 90° dos perfis aro fixo FR e PT
Acabamento: Preto

212243 CONJ. UNIÃO CANTO 90° JT



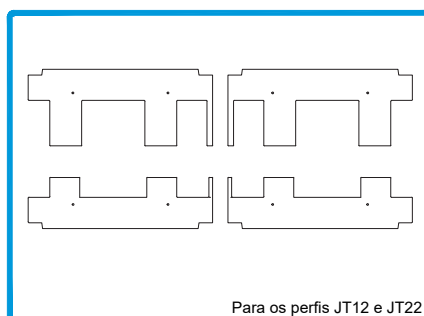
Para emendas dos perfis aro fixo baixo
Acabamento: Preto

212083 CONJ. UNIÃO RETA ARO BAIXO JT



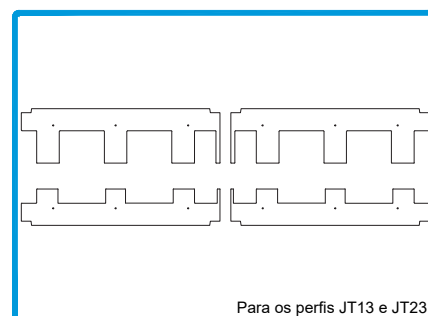
Para ligação 90° dos perfis aro fixo baixo
Acabamento: Preto

212084 CONJ. UNIÃO CANTO 90° ARO BAIXO JT



Para os perfis JT12 e JT22

223105 KIT JUNTAS ADESIVAS Nº1 JT

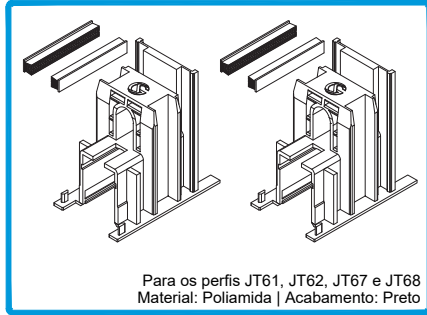


Para os perfis JT13 e JT23

223106 KIT JUNTAS ADESIVAS Nº2 JT

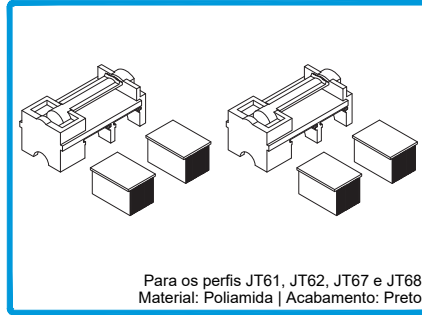
Accessórios para perfis laterais

Lateral profiles accessories | Accessoires pour profilés latéraux



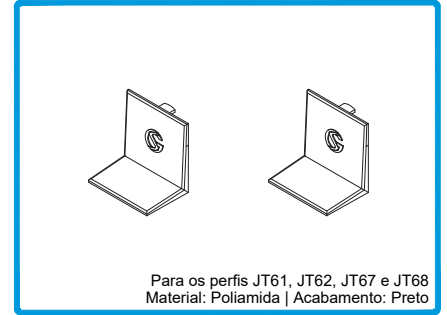
Para os perfis JT61, JT62, JT67 e JT68
Material: Poliamida | Acabamento: Preto

212199 CONJ. TOPOS LAT. JT



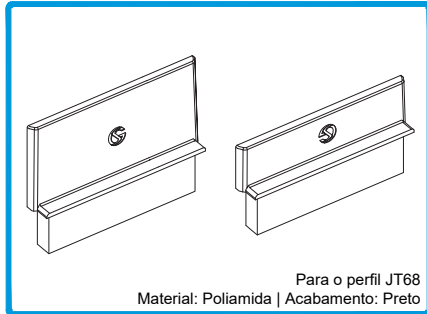
Para os perfis JT61, JT62, JT67 e JT68
Material: Poliamida | Acabamento: Preto

212230 CONJ. TOPOS INTERIORES LAT. JT



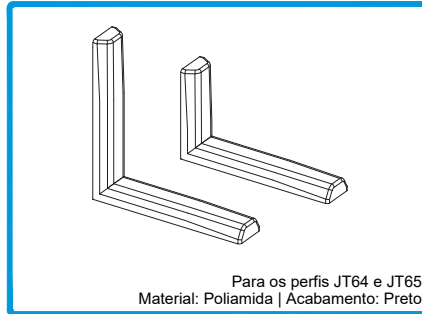
Para os perfis JT61, JT62, JT67 e JT68
Material: Poliamida | Acabamento: Preto

212201 CONJ. TAMPAS TOPOS LAT. JT



Para o perfil JT68
Material: Poliamida | Acabamento: Preto

212244 CONJ. TOPOS LATERAIS JT68

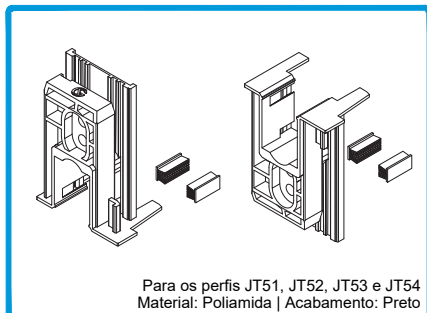


Para os perfis JT64 e JT65
Material: Poliamida | Acabamento: Preto

212189 CONJ. TOPOS JT64/JT65

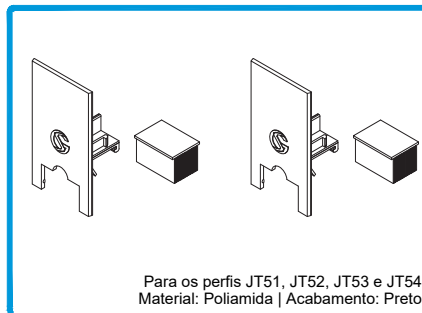
Accessórios para perfis centrais

Central profiles accessories | Accessoires pour profilés centraux



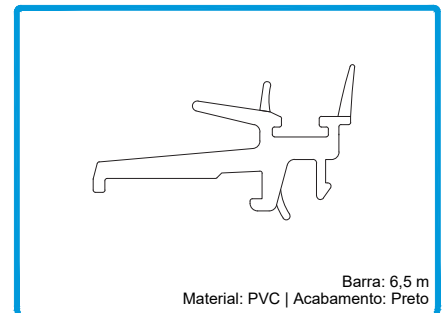
Para os perfis JT51, JT52, JT53 e JT54
Material: Poliamida | Acabamento: Preto

212231 CONJ. TOPOS CENTRAIS JT



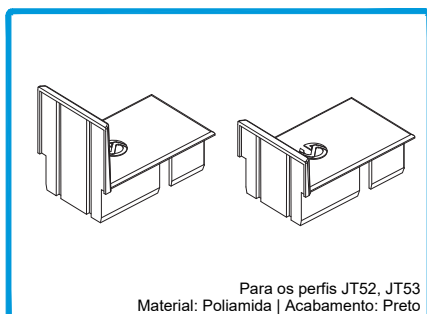
Para os perfis JT51, JT52, JT53 e JT54
Material: Poliamida | Acabamento: Preto

212339 CONJ. TAMPAS TOPOS CENTRAIS JT



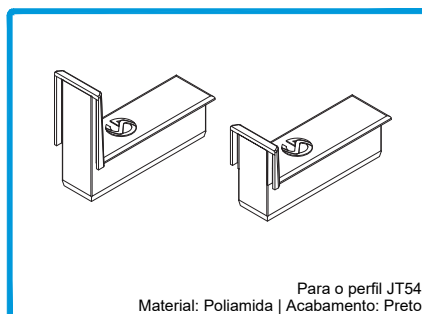
Barra: 6,5 m
Material: PVC | Acabamento: Preto

208346 JUNTA CENTRAL 2196 JT



Para os perfis JT52, JT53
Material: Poliamida | Acabamento: Preto

212340 CONJ. TOPOS CENTRAL REFORÇADO

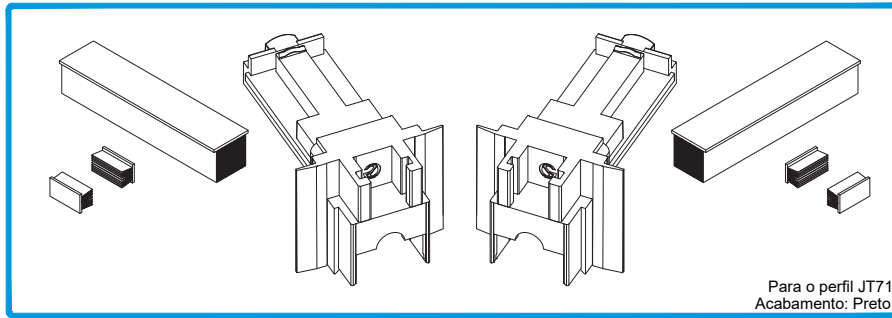


Para o perfil JT54
Material: Poliamida | Acabamento: Preto

212456 CONJ. TOPOS CENTRAL REFORÇADO JT54

Acessórios para ligação central e canto 90°

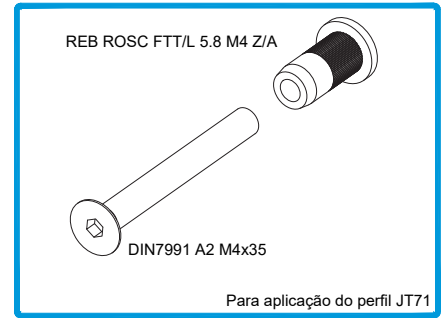
Central and 90° corner connection accessories | Accessoires pour le raccordement central et d'angle 90°



Para o perfil JT71
Acabamento: Preto

212104

CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT



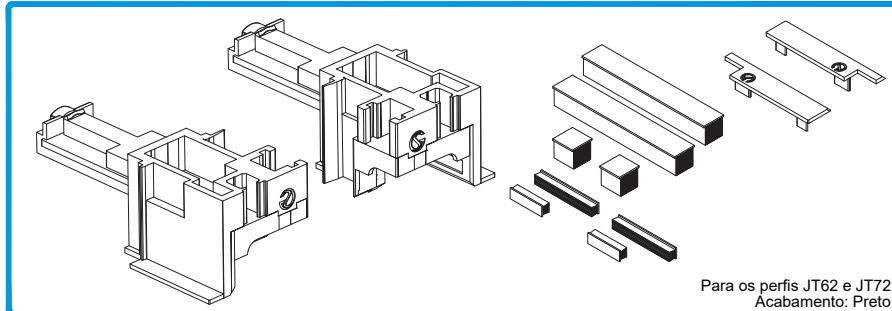
REB ROSC FTT/L 5.8 M4 Z/A

DIN7991 A2 M4x35

Para aplicação do perfil JT71

212017

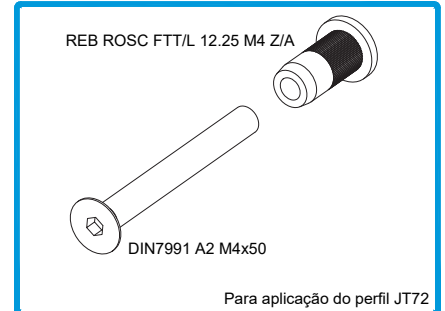
CONJUNTO FIXAÇÃO FERRAGEM MÚLT.



Para os perfis JT62 e JT72
Acabamento: Preto

212109

CONJ. TOPOS CANTO 90° JT



REB ROSC FTT/L 12.25 M4 Z/A

DIN7991 A2 M4x50

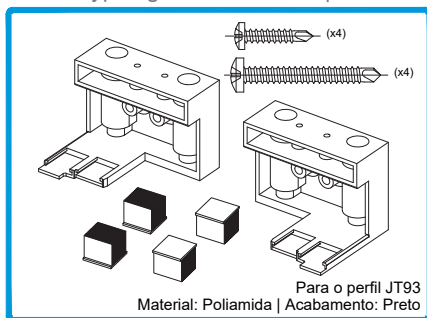
Para aplicação do perfil JT72

212079

CONJ. FIXAÇÃO FERRAGEM MÚLTIPONTO JT72

Acessórios para tipologias de embutir

Pocket typologies accessories | Accessoires pour typologies à galandage



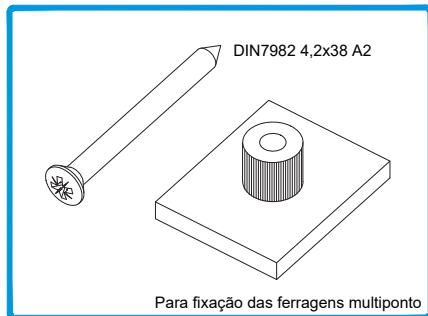
Para o perfil JT93
Material: Poliamida | Acabamento: Preto

212085

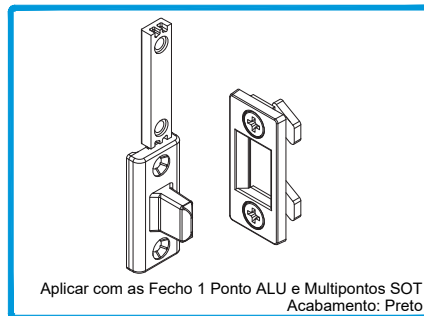
CONJ. TOPOS JT93

Acessórios comuns aos Multipontos SOS, ALU e SOT

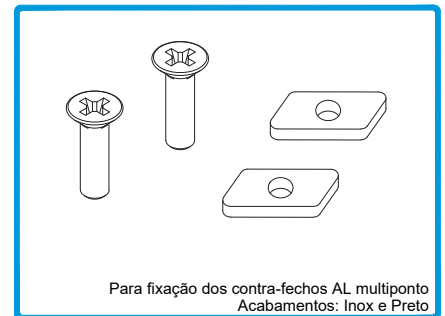
SOS, ALU and SOT multipoint shared accessories | Accessoires communs à multipoint SOS, ALU et SOT



212371 CONJ. FIXAÇÃO JT



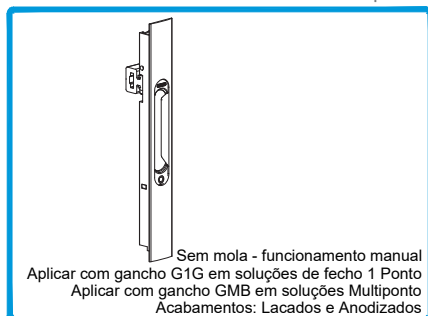
202495 CENTRADOR SOT



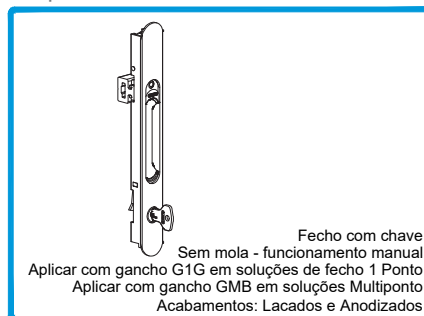
212455 CONJ. FIX. CONTRA-FECHO AL MULTIP. JT

Acessórios para ferragem 1 Ponto ALU

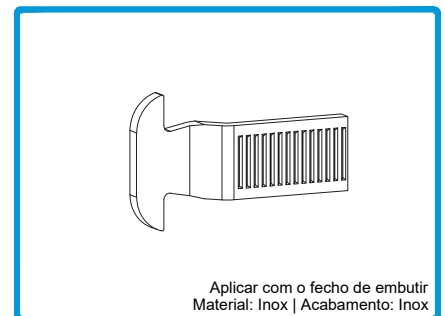
ALU 1 Point hardware accessories | Accessoires pour le serrure 1 Point ALU



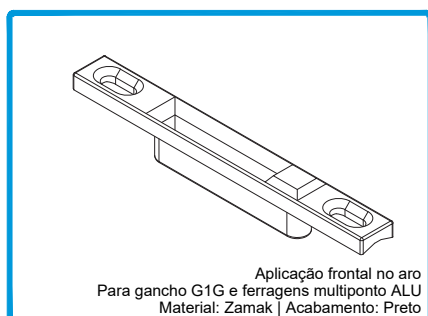
201380 FECHO DE EMBUTIR R251IX



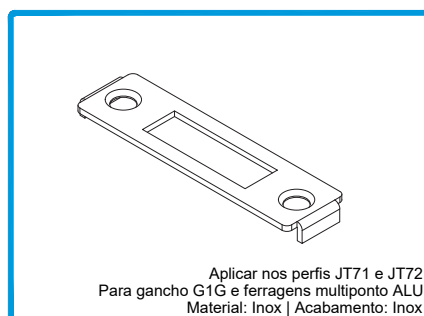
201381 FECHO DE EMBUTIR C/ CHAVE 253IX



204715 GANCHO LIG. G1G



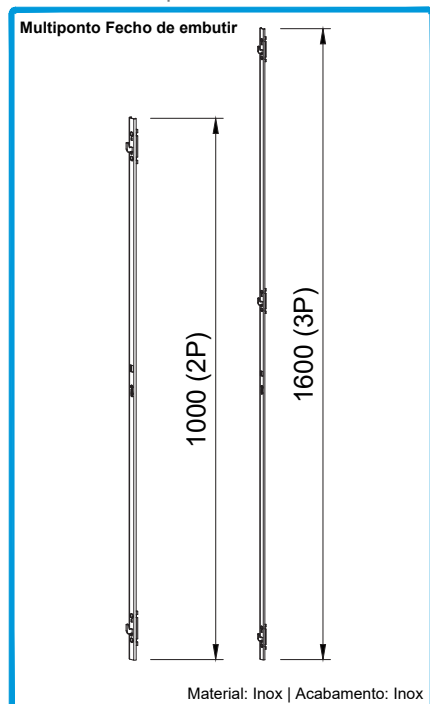
202085 CONTRA-FECHO 2070.870



202321 CONTRA-FECHO 2F/90° ALU

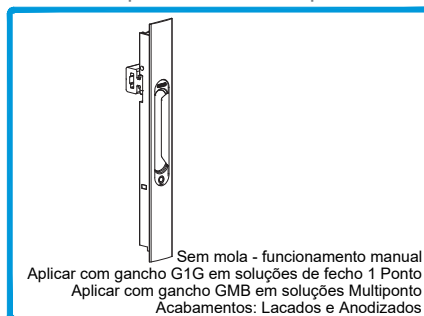
Acessórios para ferragem multiponto MFE ALU

MFE ALU multipoint hardware accessories | Accessoires pour serrure multipoint MFE ALU



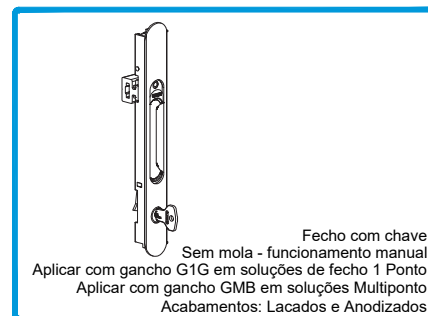
Material: Inox | Acabamento: Inox

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



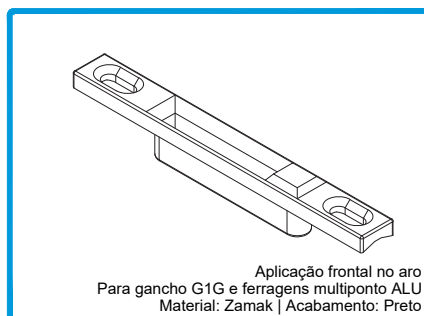
Sem mola - funcionamento manual
Aplicar com gancho G1G em soluções de fecho 1 Ponto
Aplicar com gancho GMB em soluções Multiponto
Acabamentos: Lacados e Anodizados

201380 FECHO DE EMBUTIR R251IX



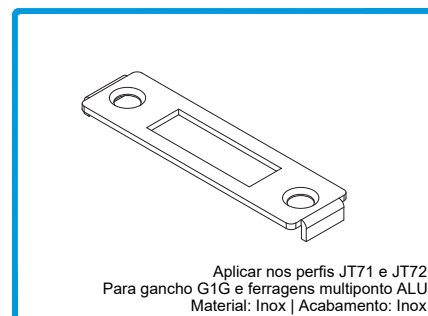
Fecho com chave
Sem mola - funcionamento manual
Aplicar com gancho G1G em soluções de fecho 1 Ponto
Aplicar com gancho GMB em soluções Multiponto
Acabamentos: Lacados e Anodizados

201381 FECHO DE EMBUTIR C/ CHAVE 2531X



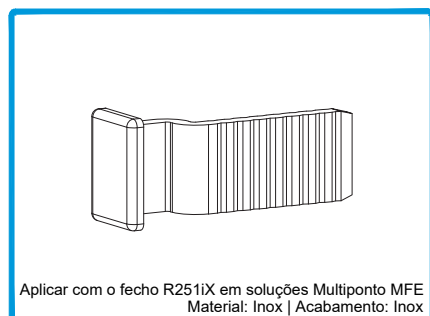
Aplicação frontal no aro
Para gancho G1G e ferragens multiponto ALU
Material: Zamak | Acabamento: Preto

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

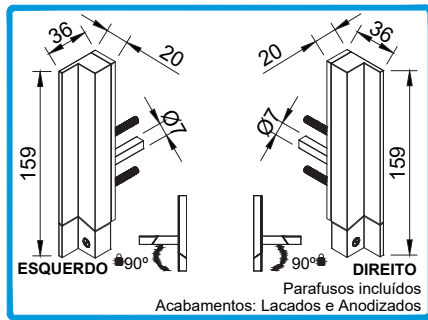


Aplicar com o fecho R251iX em soluções Multiponto MFE
Material: Inox | Acabamento: Inox

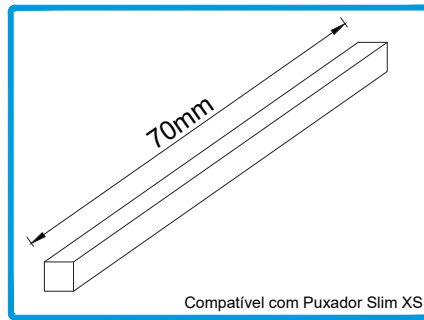
204717 GANCHO LIG. MULTIPONTO GMA

Cremones para ferragens multiponto SOS e ALU

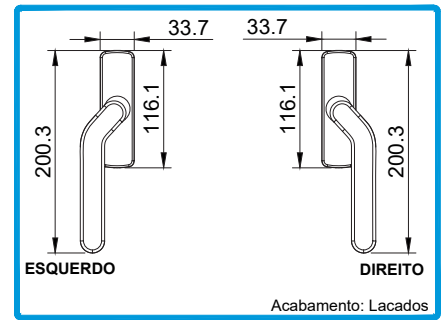
SOS and ALU multipoint hardware handles | Crémones pour les serrures multipoint SOS et ALU



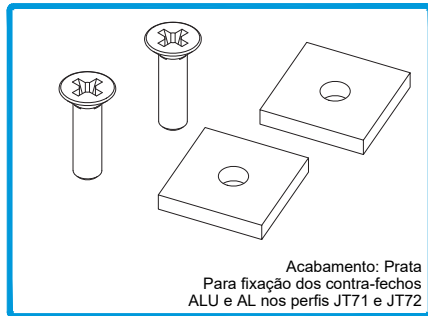
200817 PUXADOR SLIM XS (Direito)
200819 PUXADOR SLIM XS (Esquerdo)
Acabamentos: Lacados e Anodizados



227305 QUADRA AÇO 7MMx70
Compatível com Puxador Slim XS



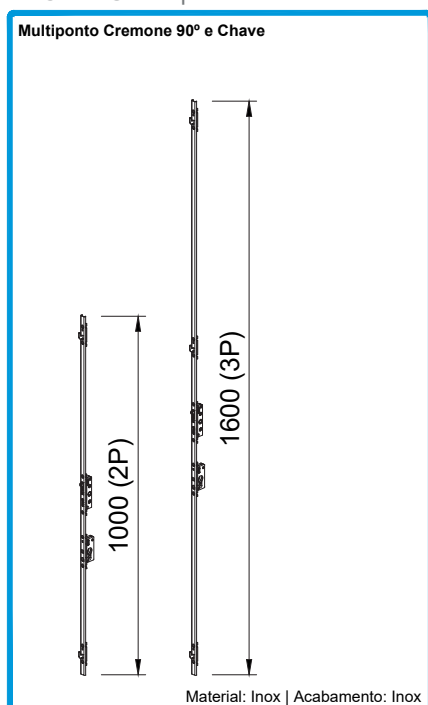
200959 CREMONE MULT. DESVIADO DIR
200939 CREMONE MULT. DESVIADO ESQ
Acabamento: Lacados



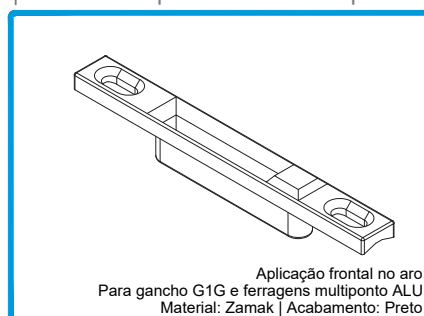
212458 CONJ. FIX. CONTRA-FECHO 2F/90° JT
Acabamento: Prata
Para fixação dos contra-fechos ALU e AL nos perfis JT71 e JT72

Acessórios para ferragens multiponto MFCK ALU

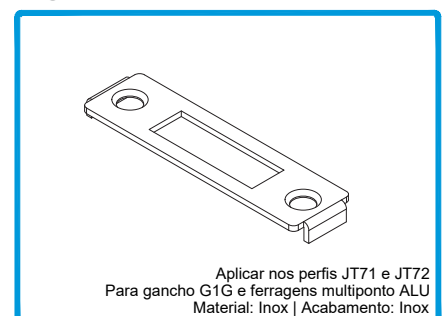
MFCK ALU multipoint hardware accessories | Accessoires pour serrures multipoint MFCK ALU



211206 MULTIPONTO ALU MFCK.1000 (2P)
211207 MULTIPONTO ALU MFCK.1600 (3P)
Material: Inox | Acabamento: Inox



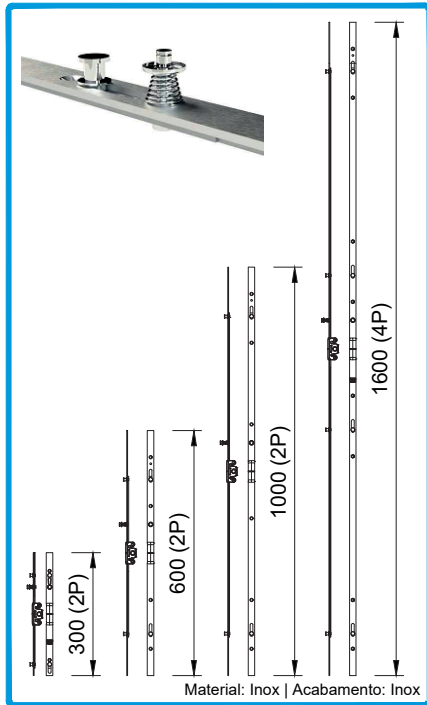
202085 CONTRA-FECHO 2070.870
Aplicação frontal no aro Para gancho G1G e ferragens multiponto ALU
Material: Zamak | Acabamento: Preto



202321 CONTRA-FECHO 2F/90° ALU
Aplicar nos perfis JT71 e JT72 Para gancho G1G e ferragens multiponto ALU
Material: Inox | Acabamento: Inox

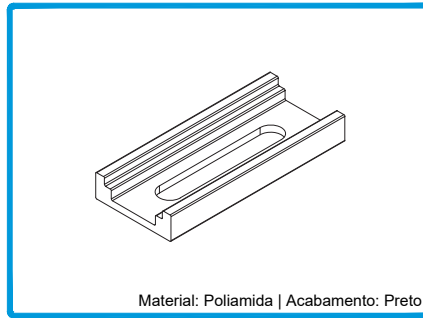
Acessórios para ferragem multiponto SOS

SOS multipoint hardware accessories | Accessoires pour le serrure multipoint SOS



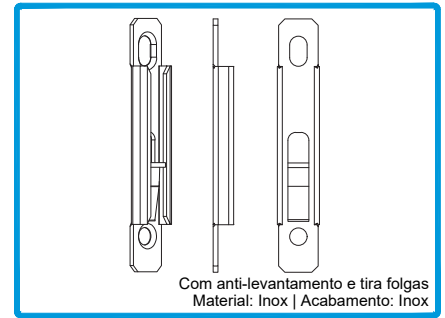
Material: Inox | Acabamento: Inox

- 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



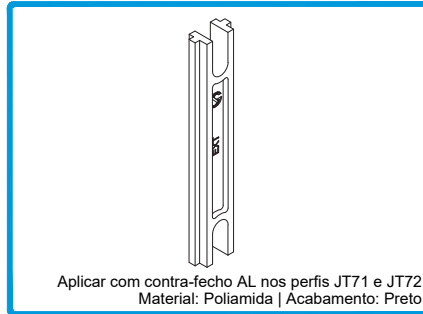
Material: Poliamida | Acabamento: Preto

218198 CALÇO P/ MULTIPONTO SOS JT



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

202491 CONTRA-FECHO ANTI-LEVANT. MULT.

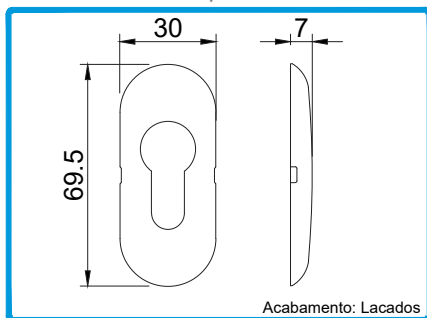


Aplicar com contra-fecho AL nos perfis JT71 e JT72
Material: Poliamida | Acabamento: Preto

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

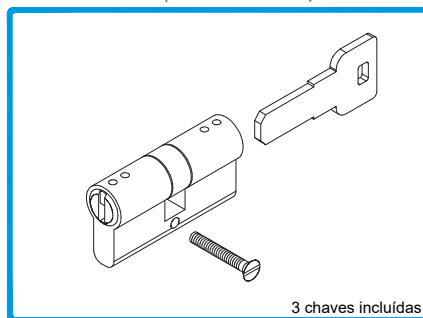
Acessórios para ferragens multiponto com cilindro ALU e SOT

ALU and SOT multipoint hardware with cylinder accessories | Accessoires pour serrures multipoint avec cylindre ALU et SOT



Acabamento: Lacados

220251 ESPELHO P/SEGREGO 3500

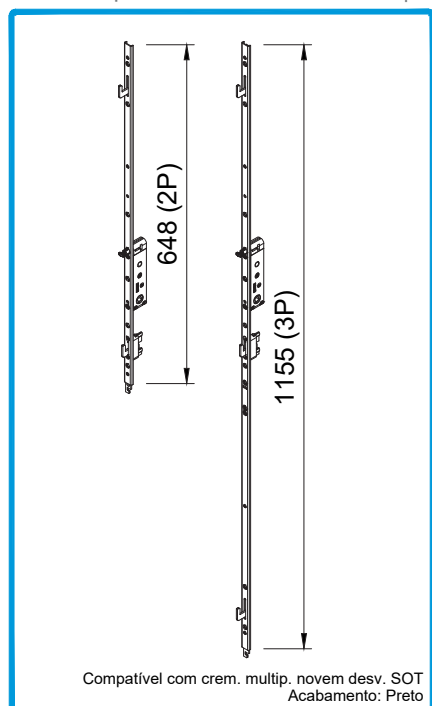


3 chaves incluídas

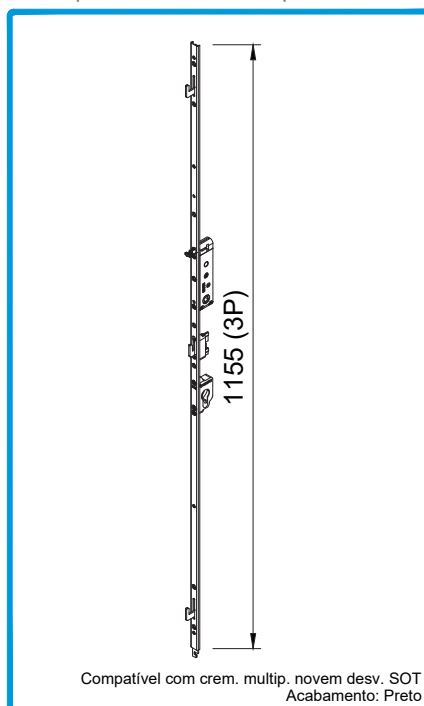
230006 SEGREGO 30/30 NIQUELADO

Acessórios para ferragem multiponto SOT

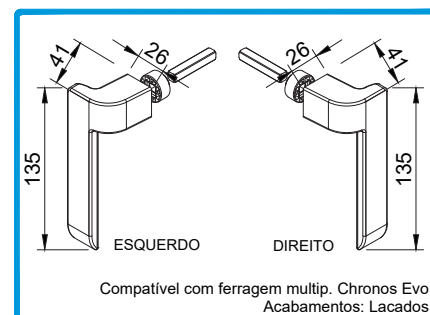
SOT multipoint hardware accessories | Accessoires pour le serrure multipoint SOT



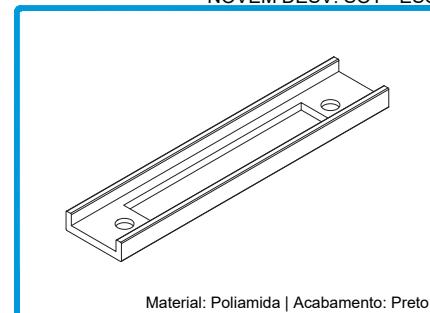
211175 F. MULT. CHRONOS EVO SOT (2P)
211176 F. MULT. CHRONOS EVO SOT (3P)



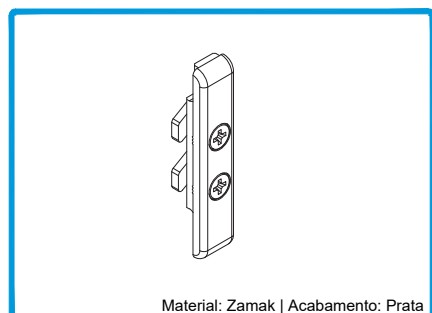
211179 FERRAGEM MULTIP. C/ CHAVE CHRONOS EVO SOT (3P)



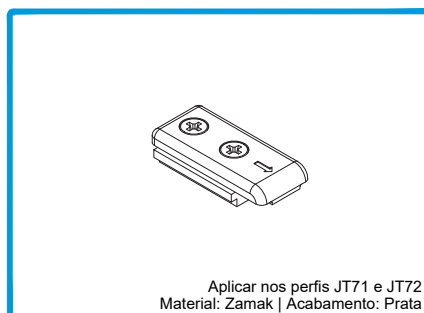
200238 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - DIR
200239 CREM. MULTIP. MINIMALISTA NOVEM DESV. SOT - ESQ



218197 CALÇO P/ MULTIPONTO SOT JT



202492 CONTRA-FECHO SOT

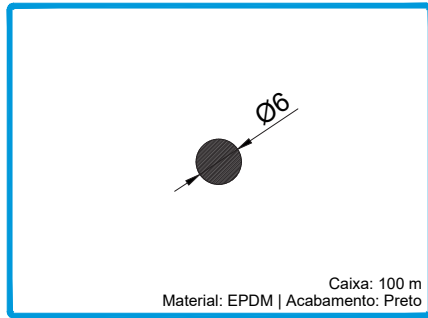


202320 CONTRA FECHO LIGAÇÃO 2 FOLHAS E 90° SOT

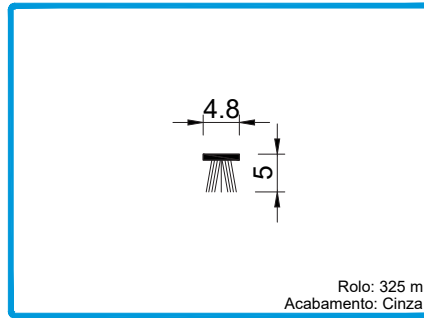
ACESSÓRIOS PARA FERRAGENS HARDWARE ACCESSORIES ACCESSOIRES POUR SERRURES					
	ALU 1P	ALU MFE	ALU MFCK	SOS	SOT
Acessórios de abertura Opening accessories Accessoires pour ouverture	201380	201380	200817/200819 200959/200939	200817/200819 200959/200939	200238/200239
Calço Shim Cale	-	-	-	218198	218197
Contra-fecho para Aro Fixo Fixed Frame Counter-lock Contre-fermeture pour Dormant	202085 + 212455	202085 + 212455	202085 + 212455	202491 + 212455	202492
Contra-fecho para ligações no mesmo rail e 90° Same rail and 90° connections counter-lock Contre-fermeture pour connexions dans le même rail et 90°	202321 + 212458	202321 + 212458	202321 + 212458	202491 + 212458	202320
Gancho Hook Crochet	204715	204717	-	-	-
Fixação da Ferragem Multiponto Multipoint Hardware Fixation Fixation de Serrure Multipoint	-	212371	212371	212371	212371
Cilindro Cylinder Cilindre	-	-	230006	-	230006

Acessórios para mosquiteira

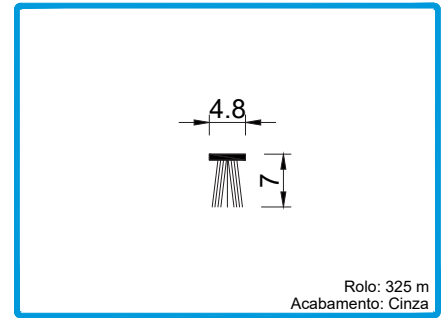
Mosquito net accessories | Accessoires pour mosquitaire



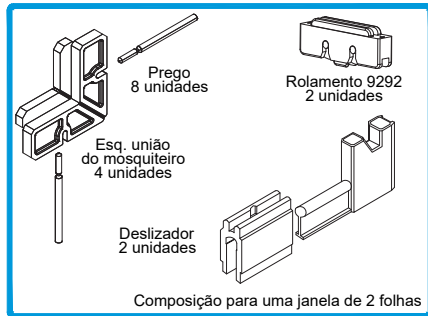
208310 VEDANTE P/ MOSQUITEIRA 1027



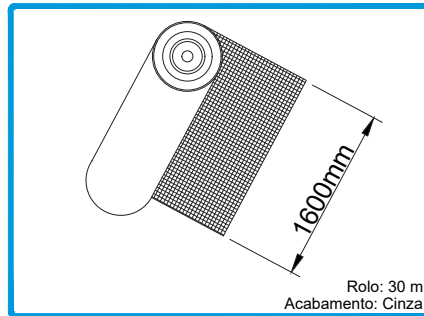
208303 PELUCIA 4.8x5MM P/ MOSQUITEIRA



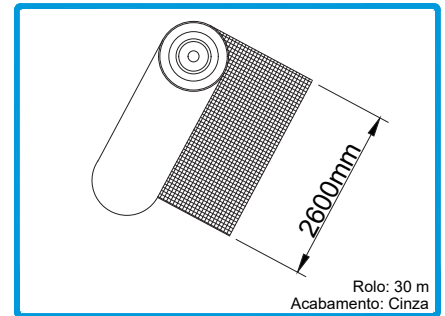
208564 PELUCIA 4.8x7MM P/ MOSQUITEIRA



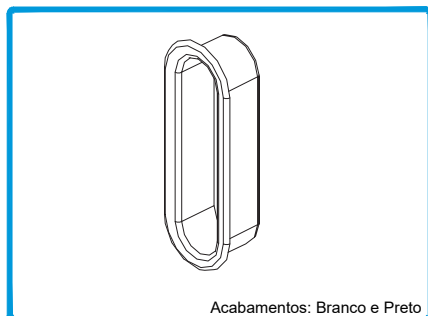
223247 KIT TR MOSQUITEIRA DE CORRER



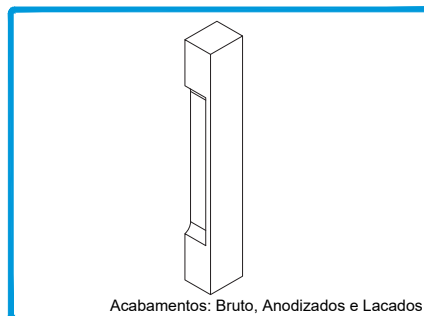
229105 REDE MOSQUITEIRA EM FIBRA 1600mm



229106 REDE MOSQUITEIRA EM FIBRA 2600mm



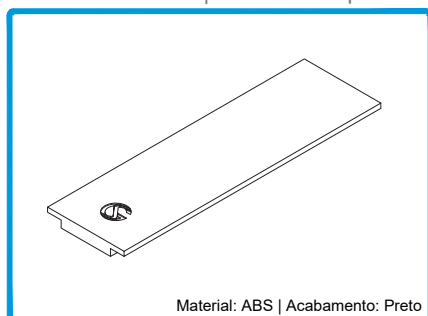
218214 CONCHA PLÁSTICA NYLON



200056 PUXADOR FIXO SLIM

Acessórios para vidro

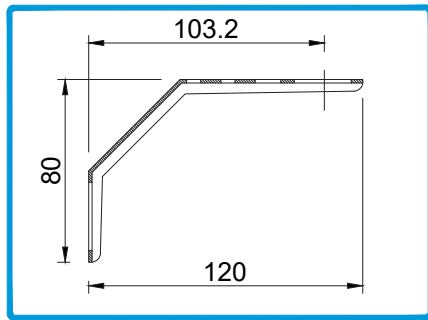
Glass accessories | Accessoires pour verre



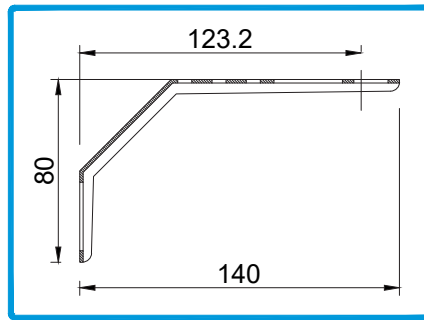
218137 CALÇO REFORÇO HORIZONTAL JT

Acessórios Renovatio

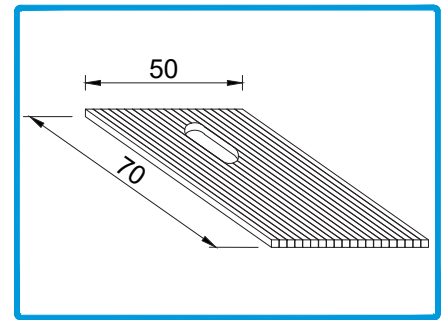
Renovatio accessories | Accessoires Renovatio



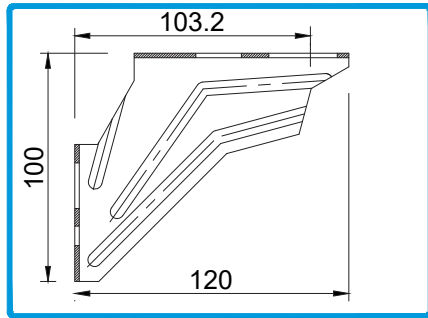
213240 ÂNGULO DE FIXAÇÃO 120MM



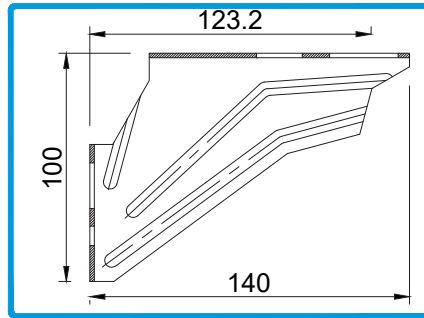
213256 ÂNGULO DE FIXAÇÃO 140MM



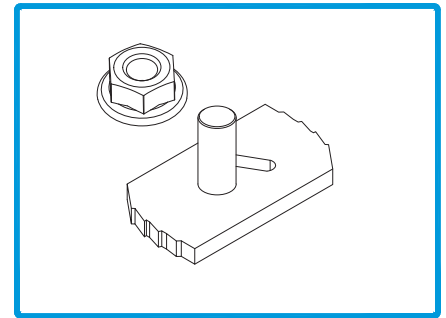
218116 CALÇO SEPARADOR 50x70MM



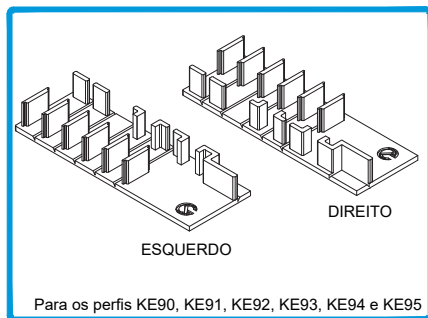
230019 SUPORTE DE FIXAÇÃO 120MM



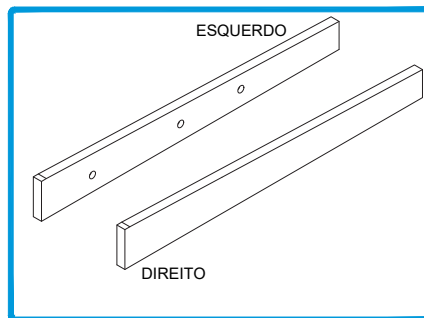
230308 SUPORTE DE FIXAÇÃO 140MM



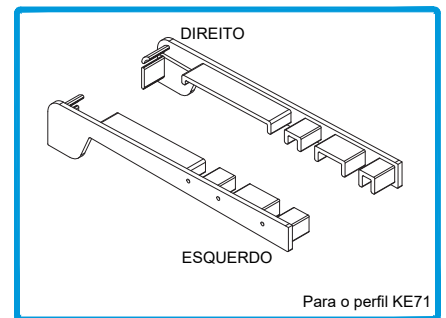
207220 PRESILHA M6x37MM



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



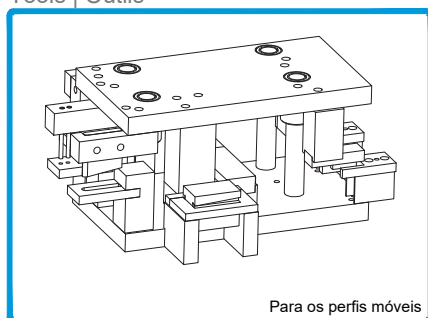
212227 CONJ. JUNTAS ADESIVAS P/ TOPOS PERFIL SOLEIRA KE71



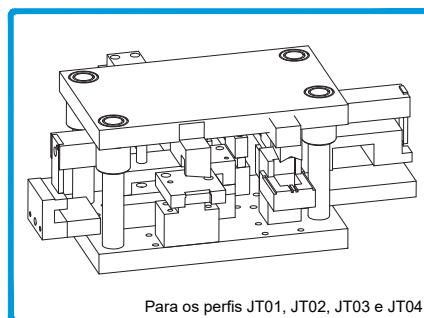
212221 CONJUNTO TAPA TOPOS KE 71
Para o perfil KE71

Ferramentas

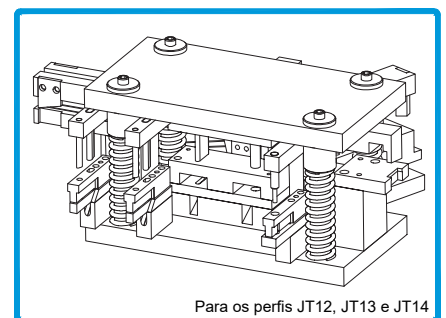
Tools | Outils



408060 CORTANTE JT - FOLHAS
Para os perfis móveis

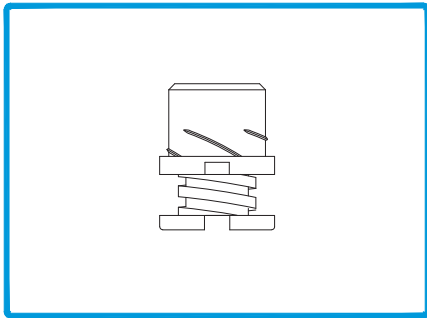


408061 CORTANTE JT - AROS FR
Para os perfis JT01, JT02, JT03 e JT04

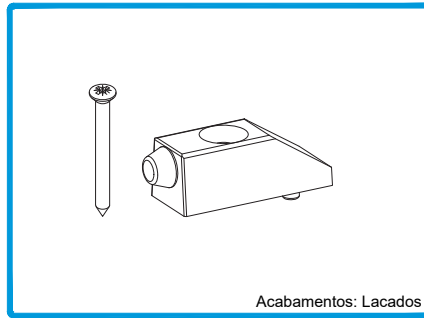


408062 CORTANTE JT - AROS PT
Para os perfis JT12, JT13 e JT14

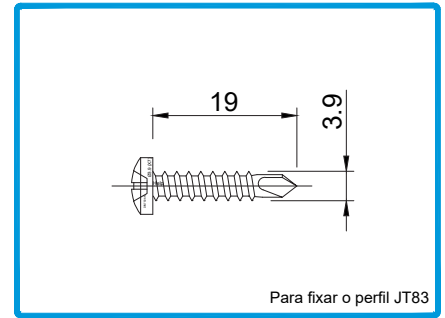
Diversos
Various | Divers



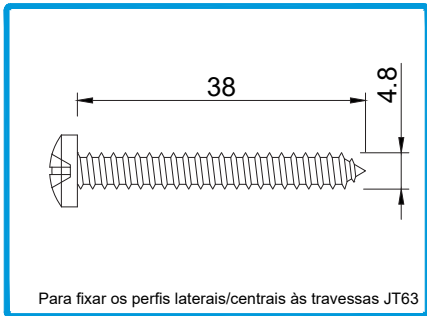
224205 NIVELADOR PEQUENO 600.01/8



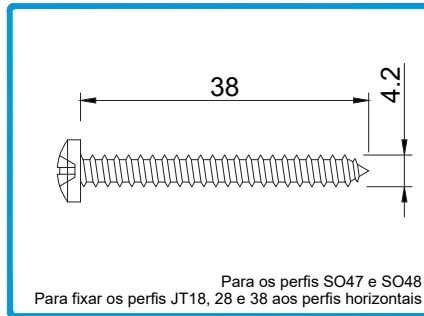
Acabamentos: Lacados
228107 LIMITADOR ABERTURA PQ SERIE CORRER



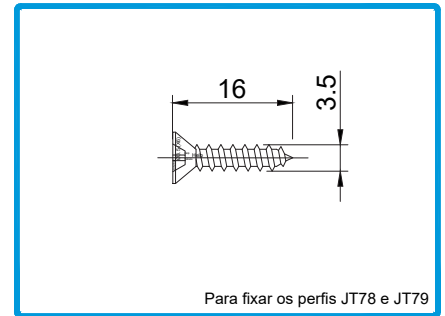
Para fixar o perfil JT83
290472 PARAF. AT/PF CQ 3.9x19 A2



Para fixar os perfis laterais/centrais às travessas JT63
290158 PARAF PKI PH 1 1/2x10 CQ



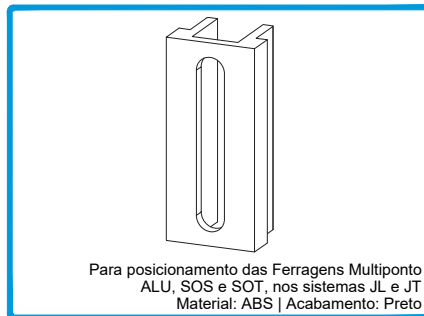
Para os perfis SO47 e SO48
Para fixar os perfis JT18, 28 e 38 aos perfis horizontais
290030 PARAFUSO DIN7981 4,2x38 INOX A2



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



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



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



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

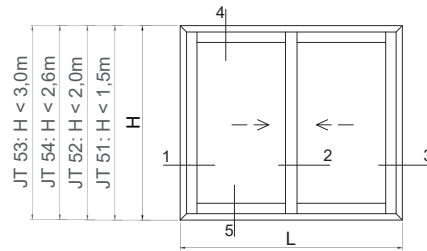
IV

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 SOLEIRA 30MM (CORTE 90°) 30MM SILL PROFILE (90° CUT) PROFILÉ SEUIL 30MM (COUPE 90°)	IV.3
PORMENOR DE APLICAÇÃO DA MOSQUITEIRA MOSQUITO NET APPLICATION DETAIL DÉTAIL DE L'APPLICATION DE LA MOUSTIQUAIRE	IV.4
TIPOLOGIAS RENOVATIO RENOVATIO TYPOLOGIES TYPOLOGIES RENOVATIO	IV.5

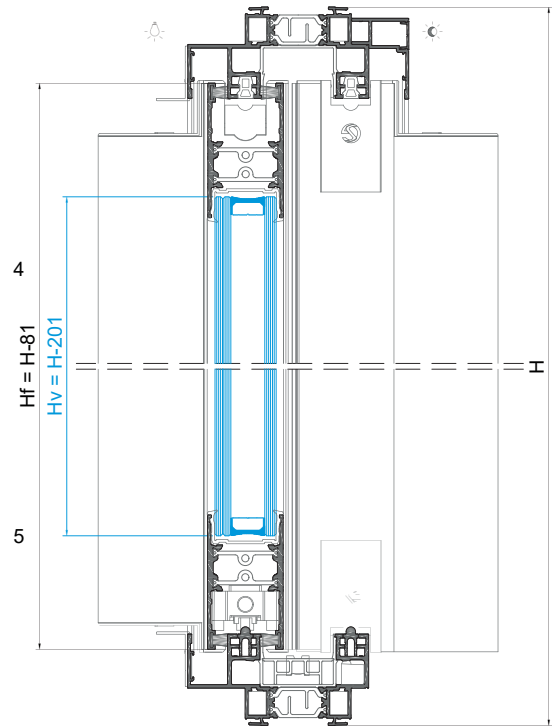
JANELA / PORTA DE CORRER 2 FOLHAS - PERFIS FR 2RAIL
2 SASHES SLIDING WINDOW / DOOR - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAOX - PROFILÉS FR 2RAIL

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	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 UP/LOW TRANSOM TRAVERSE SUP/INF	(L-202)/2	-	4	
AT 30	CAPA COVER COUVERTURE	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-44	-	1	
JT 85	CAPA COVER COUVERTURE	-	H-58	2	
JT 87	GUIA GUIDE GUIDE	L-100	-	2	
208346	JUNTA CENTRAL 2196 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	

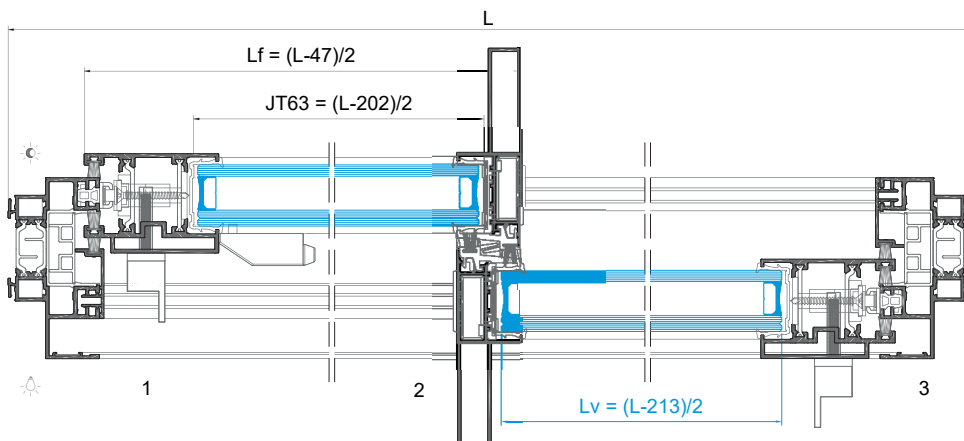


ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ	
205129	CARRINHO JT 180KG ROLLER ROULETTE	4	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING PILE SEAL BROSSSE CENTRALE D'ÉTANCHÉITÉ	2	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING PILE SEAL KIT KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	1	
204164	ESQUADRO JT 12x9,5 CORNER CLEAT EQUERRE	8	
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	
212244	CONJ. TOPOS LATERAIS JT68 JT68 LATERAL END-CAPS KIT KIT D'EMBOUITS LATÉRAUX JT68	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	
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX RENFORCÉ	2	
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPET À VALVET 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'OUVRETURE	1	
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW VIS	DIVERSOS DIVERSES	
290158	PARAF. FKI 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 ka.

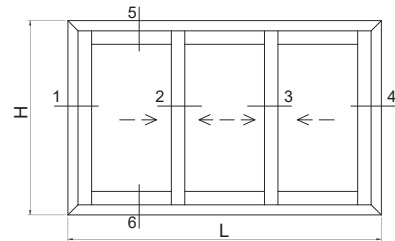


VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ	
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H	
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 4H	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSSE	4L + 4H	



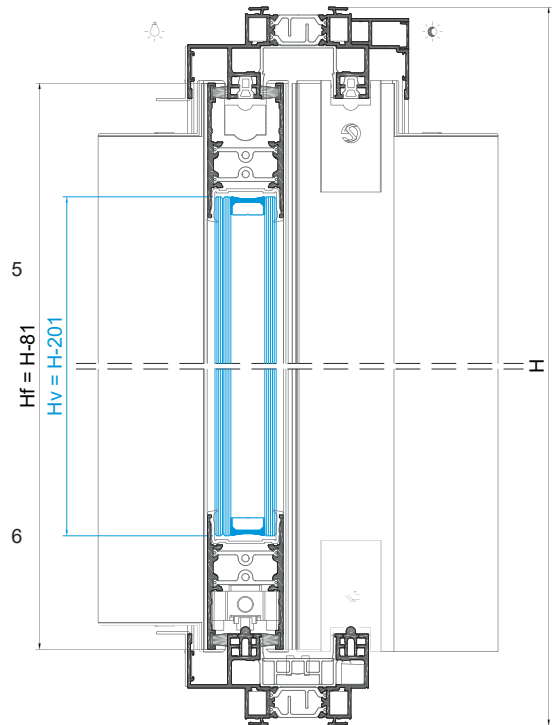
JANELA / PORTA DE CORRER 3 FOLHAS - PERFIS FR 2RAIL
3 SASHES SLIDING WINDOW / DOOR - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAUX - PROFILÉS FR 2RAIL

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	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM TRAVERSE SUP/INF	(L-208)/3 (L-206)/3	-	4 2	
AT 30	CAPA COVER COUVERTURE	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-44	-	1	
JT 85	CAPA COVER COUVERTURE	-	H-58	2	
JT 87	GUIA GUIDE GUIDE	L-102 L-97	-	1 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 1	



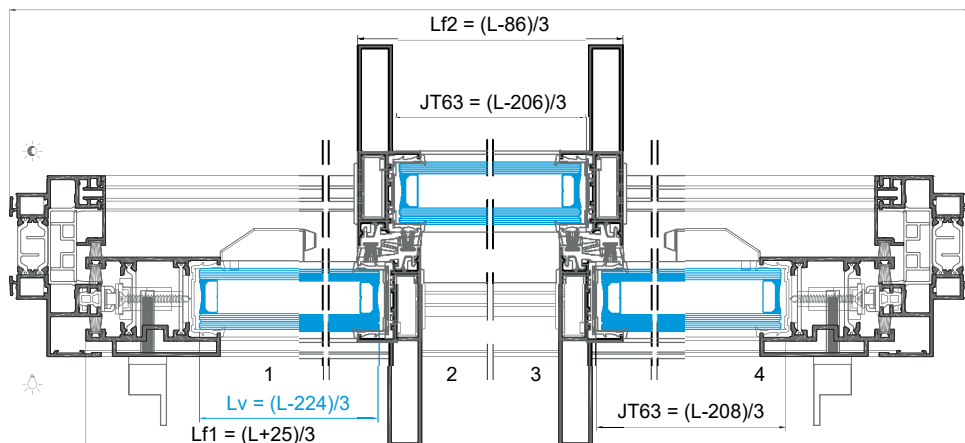
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ÉTANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	2
204164	ESQUADRO JT 12x9.5 CORNER CLEAT ÉQUERRE	8
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
212244	CONJ. TOPOS LATERAIS JT68 JT68 LATERAL END-CAPS KIT KIT D'EMBOUITS LATÉRAUX JT68	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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX RENFORCÉ	4
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPET À VALVET CACHÉ	3
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) CLAPETS À BILLE (OPTIONEL)	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 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'OUVRETURE	2
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW VIS	DIVERSOS DIVERSES
290158	PARAF. FKI 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.



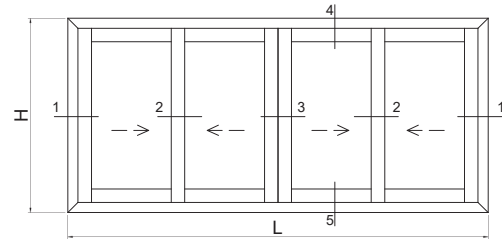
VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSSE	4L + 10H

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



JANELA / PORTA DE CORRER 4 FOLHAS COM LIGAÇÃO CENTRAL - PERFIS FR 2RAIL
4 SASHES SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAOX AVEC CONNEXION CENTRALE - PROFILÉS FR 2RAIL

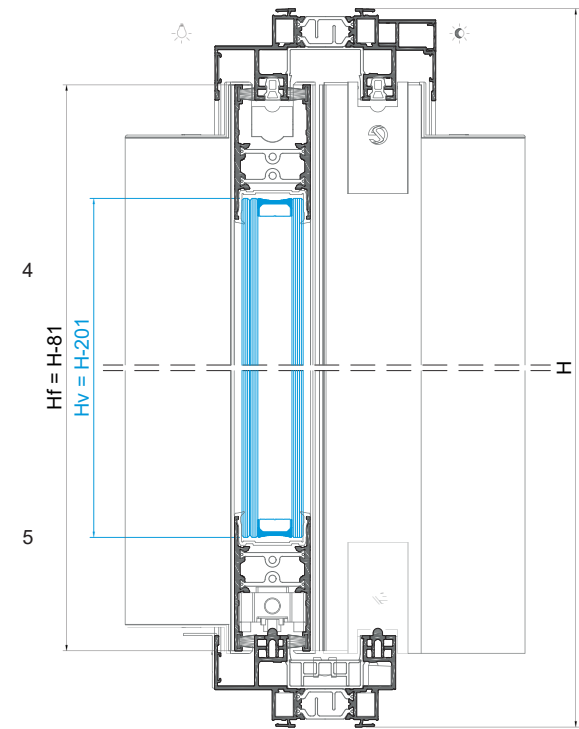
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ HORIZONTAL CUT COUPE HORIZ	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	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 COUVERTURE	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE L'ARMIER	L-44	-	1	
JT 85	CAPA COVER COUVERTURE	-	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	



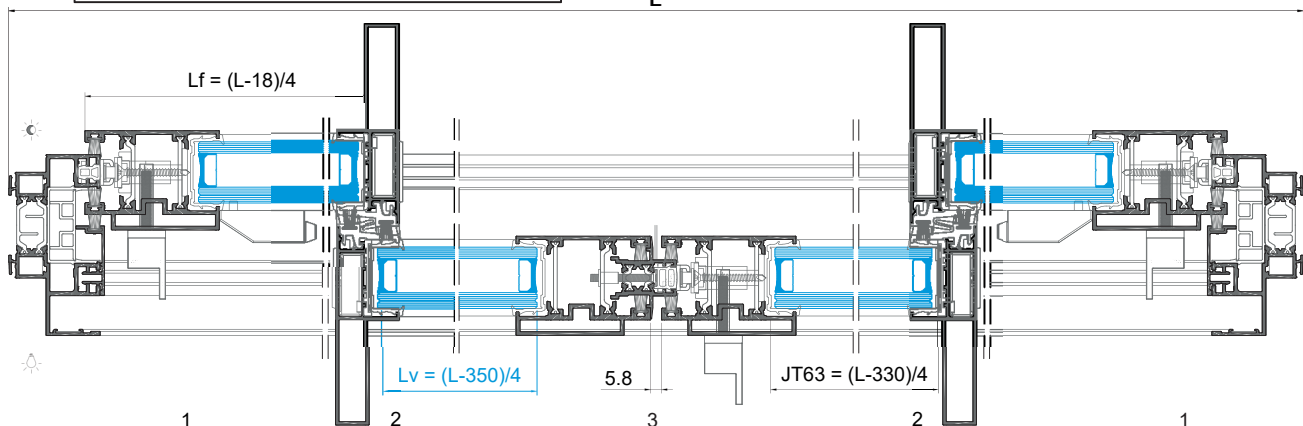
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	3
204164	ESQUADRO JT 12x9.5 CORNER CLEAT EQUERRE	8
213246	CANTO CR SISB 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 EMOUITS LATÉRAUX	4
212244	CONJ. TOPOS LATERAIS JT68 JT68 LATERAL END-CAPS KIT KIT D'EMBOUITS LATÉRAUX JT68	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
212456	CONJ. TOPOS CENTRAL REFORÇO. JTS4 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX RENFORCÉ	4
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT KIT D'EMBOUITS CONNEXION 2 VANTAOX	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPE À VIOLET 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 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
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM CALE POUR MULTIPONT	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 MULTIPONT	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
290158	PARAF PKI 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.

As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms 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 et les plateaux. Dans cette typologie, il existe 4 largeurs de feuilles distinctes: Lf1, Lf2, Lf3 et Lf4.



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



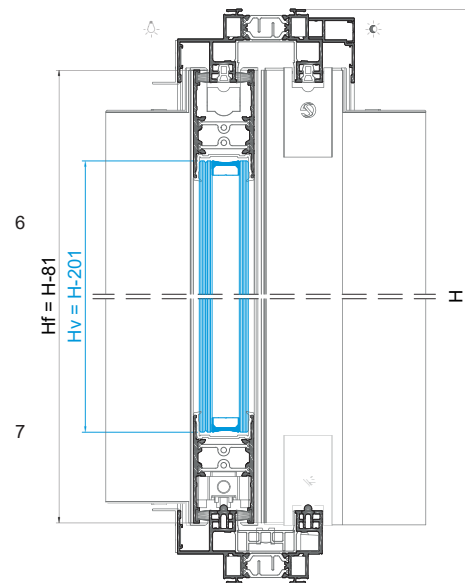
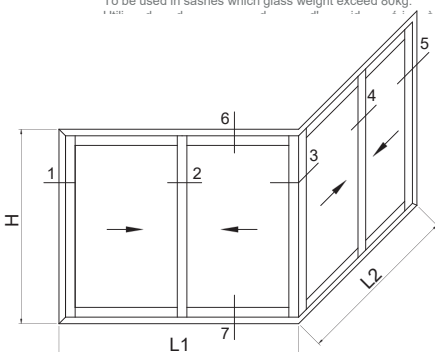
JANELA / PORTA DE CORRER 4 FOLHAS EM CANTO 90° - PERFIS FR 2RAIL
4 SASHES SLIDING WINDOW / DOOR IN 90° CORNER | ANGLE - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAUX À ANGLE 90° - PROFILÉS FR 2RAIL

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICAL	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 02	ARO FIXO FIXED FRAME CADRE DORMANT	L1 L2	H	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/LW TRANSOM TRAVERSE SUP/INF	(L1-243)/2 (L2-256)/2	-	4 4	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE PROFILÉ DE LIASON	-	H-149	1	
AT 30	CAPA COVER COUVERTURE	L1-1 L2-1	-	1 1	
JT 83	PERFIL PINGADEIRA PROFILE LARMIER	L1-1 L2-1	-	1 1	
JT 85	CAPA COVER COUVERTURE	-	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	
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	

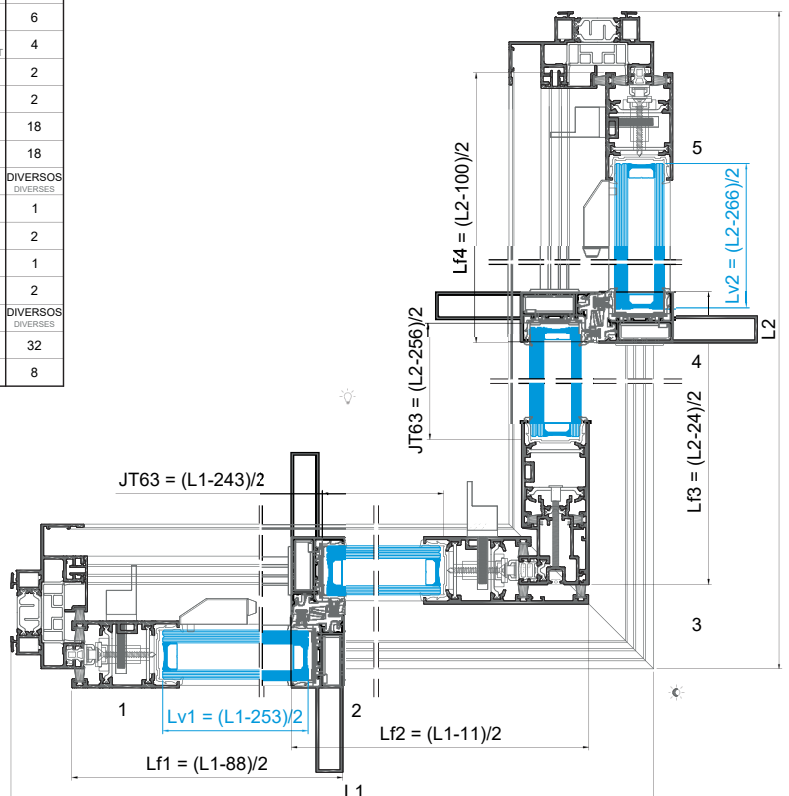
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION		QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT		2L1 + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE		2L1 + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BRASSE		4L1 + 15H
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 QUANTITÉ
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
204164	ESQUADRO JT 12x9.5 CORNER GLAZING ÉQUERRE		8
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'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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ		4
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT KIT D'EMBOUTS POUR ANGLE 90°		1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAP 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 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 LIASON		2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM CALE POUR MULTIPONT		18
212371	CONJ. FIXAÇÃO JT FIXING KIT 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
212341	CONJ. TOPOS LAT. PINGADEIRA 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
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW VIS		DIVERSOS DIVERSES
290158	PARAF. PKI 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.

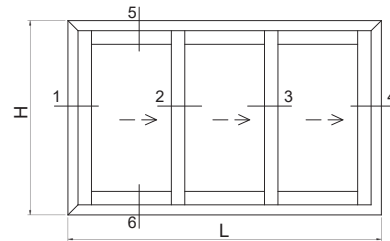


As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 4 distinct sash widths: Lf1, Lf2, Lf3 and Lf4.
Les formules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

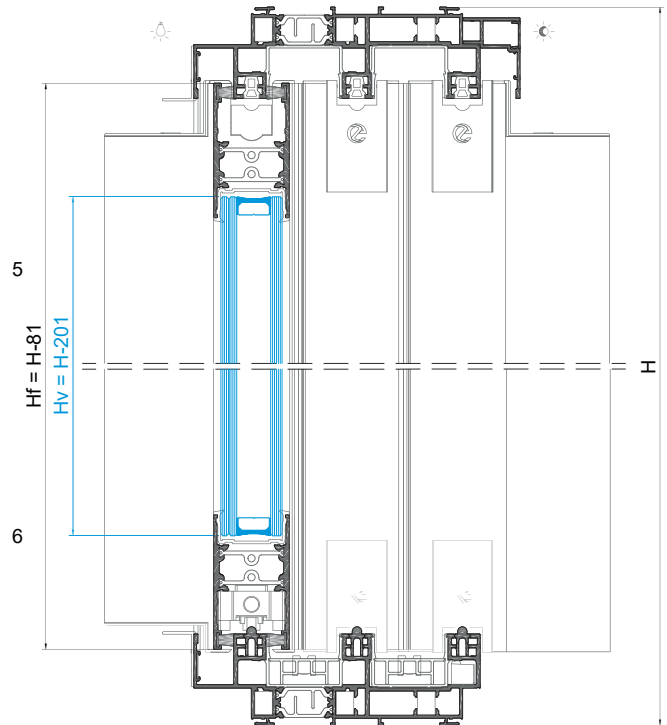


JANELA / PORTA DE CORRER 3 FOLHAS - PERFIS FR 3RAIL
3 SASHES SLIDING WINDOW / DOOR - 3RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAOX - PROFILÉS FR 3RAIL

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 UP/LW TRANSOM TRAVERSE SUP/INF	(L-209)/3 (L-207)/3	-	4 2	
AT 30	CAPA COVER COUVERTURE	L-44	-	1	
JT 83	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-44	-	1	
JT 88	CAPA COVER COUVERTURE	-	H-58	2	
JT 87	GUIA GUIDE GUIDE	L-100 L-97	-	2 1	
208346	JUNTA CENTRAL 2166 JOINT CENTRAL 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	



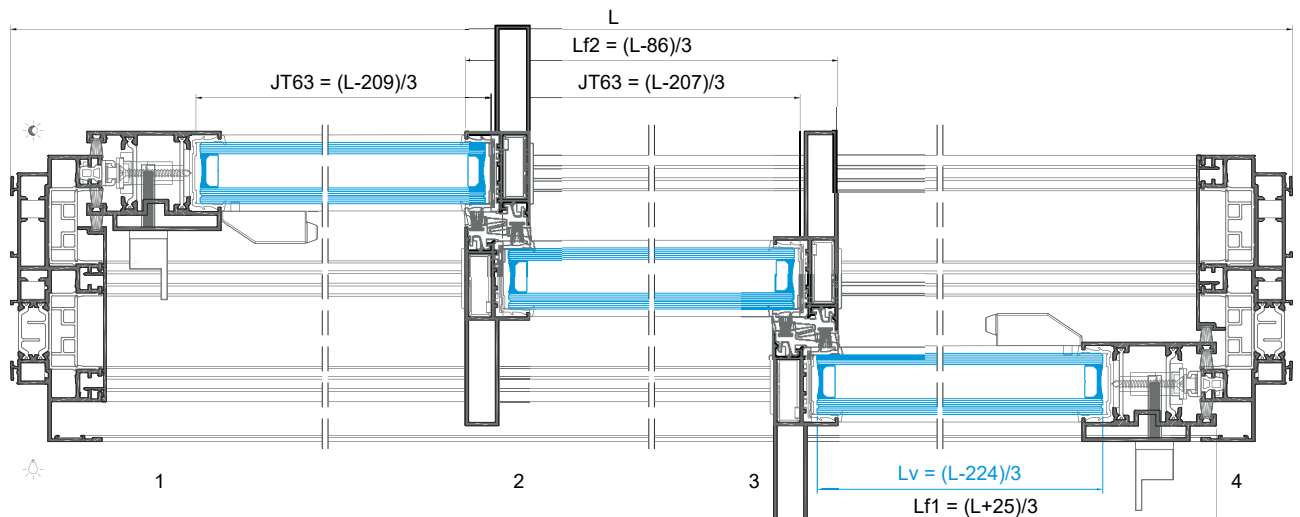
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	2
204164	ESQUADRO JT 12x9.5 CORNER CLEAT ÉQUERRE	12
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
212244	CONJ. TOPOS LATERAIS JT68 JT68 LATERAL END-CAPS KIT KIT D'EMBOUTS LATÉRAUX JT68	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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPET À VALVET CACHE	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
212341	CONJ. TOPOS LAT. PINGADEIRA 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
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW VIS	DIVERSOS DIVERSES
290158	PARAF. FKI 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.

As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues pour mesurer le verre et les plateaux. Dans cette typologie, il existe 2 largeurs de feuilles 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 BROSSE	4L + 10H



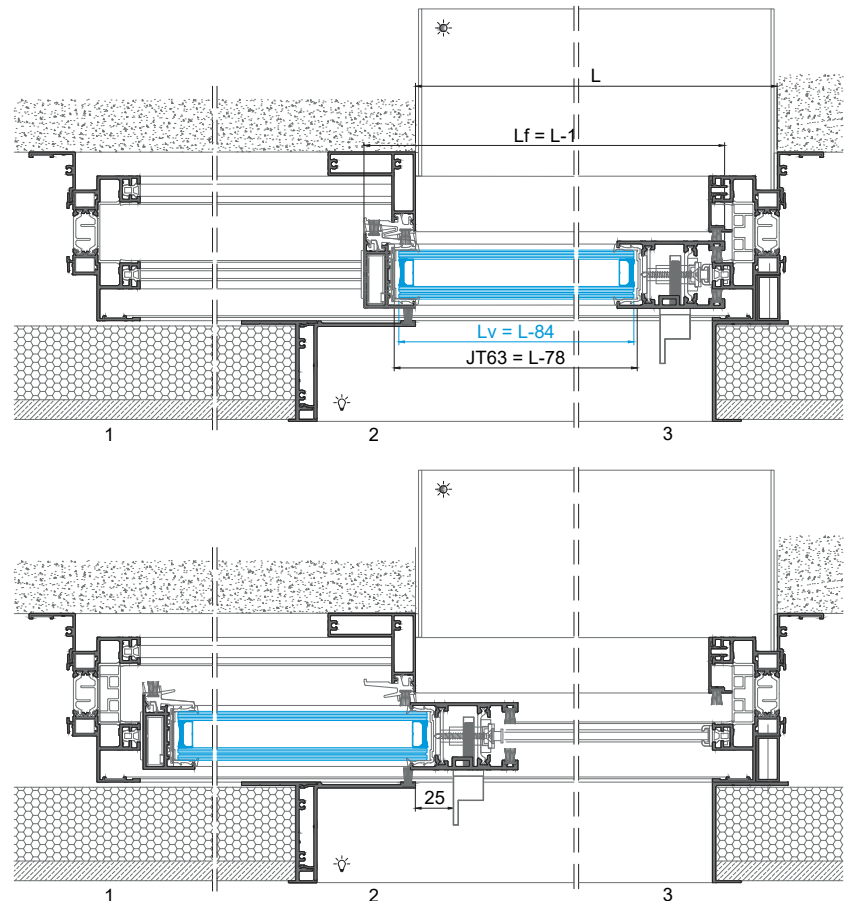
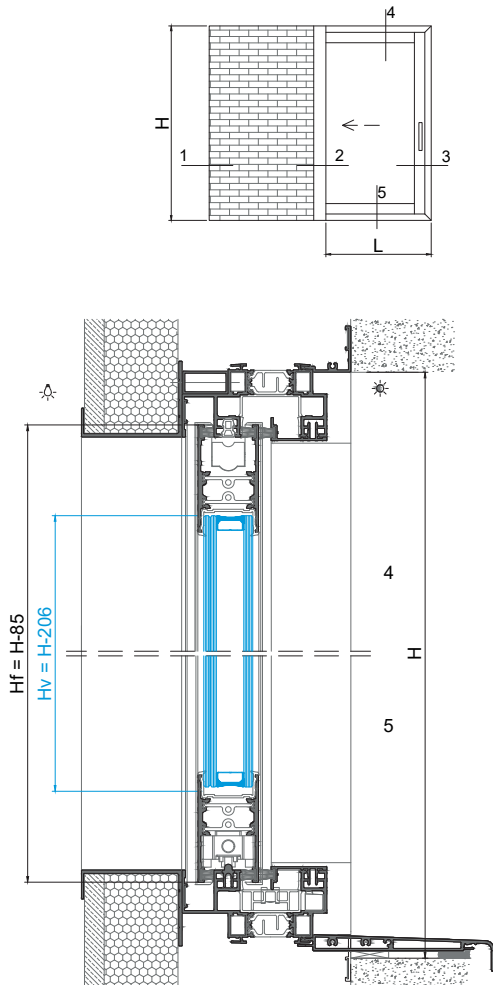
JANELA / PORTA DE CORRER 1 FOLHA DE EMBUTIR - PERFIS FR 2RAIL
1 SASH POCKET SLIDING WINDOW / DOOR - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 1 VANTAIL À GALANDAGE - PROFILÉS FR 2RAIL

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. CORTE HORIZ.	CORTE VERT. CORTE VERT. / CAP.	QUANT. QUANTITE	CORTE CORTE
JT 02	ARO FIXO FIXED FRAME CADRE DORMANT	2L-14	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	1	
JT 67	PERFIL LATERAL LATERAL PROFILE PROFILÉ LATÉRAL	-	H-85	1	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM TRAVERSE SUP/INF	L-78	-	2	
JT 85	CAPA COVER COUVERTURE	L-46	H-62	2 + 1	
JT 87	GUIA GUIDE GUIDE	2L-111	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE PROFILÉ DE MENEAU	-	H-111	1	
SO 46	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	1	
SO 47	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	1	
SO 48	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L+91	H-1	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L-6	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	2L+36 L+5	H+45	1 + 2	
KP 32	TUBO TUBE TUBE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-85 H-111	1	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	2L-55	H-45	2 + 2	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	L-91	H-48	1 + 1	

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITE	
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 3H	
208099	JUNTA VIDRO 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. QUANTITE	
205129	CARRINHO JT 180KG ROLLER ROULETTE	2	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHEÏTE	2	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ÉTANCHEÏTE	1	
204164	ESQUADRO JT 12x9.5 CORNER CLEAT ÉGOUÛRE	8	
213246	CANTO CR S/SB CORNER ANGLE	7	
212199	CONJ. TOPOS LAT. JT LATERAL END-CAPS KIT KIT D'EMBOUS LATÉRAUX	1	
212230	CONJ. TOPOS INTERIOR LAT. JT LATERAL INNER END-CAPS KIT KIT D'EMBOUS 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'EMBOUS CENTRAUX	1	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	1	
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 (OPTIONEL)	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 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	
212085	CONJ. TOPOS JT93 JT93 END-CAPS KIT KIT D'EMBOUS JT93	1	
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT KIT D'EMBOUS 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'EMBOUS INFÉRIEUR RENOVATIO	1	
290472	PARAF. AT/PF CQ Ø3.9x19MM SCREW VIS		DIVERSOS DIVERSES
290158	PARAF. PKI 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 / PORTA DE CORRER 2 FOLHAS DE EMBUTIR EM CANTO INTERIOR 90° - PERFIS FR 2RAIL
2 SASHES POCKET SLIDING WINDOW / DOOR IN INNER 90° CORNER | ANGLE - 2RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAOX À GALANDAGE - PROFILÉS FR 2RAIL

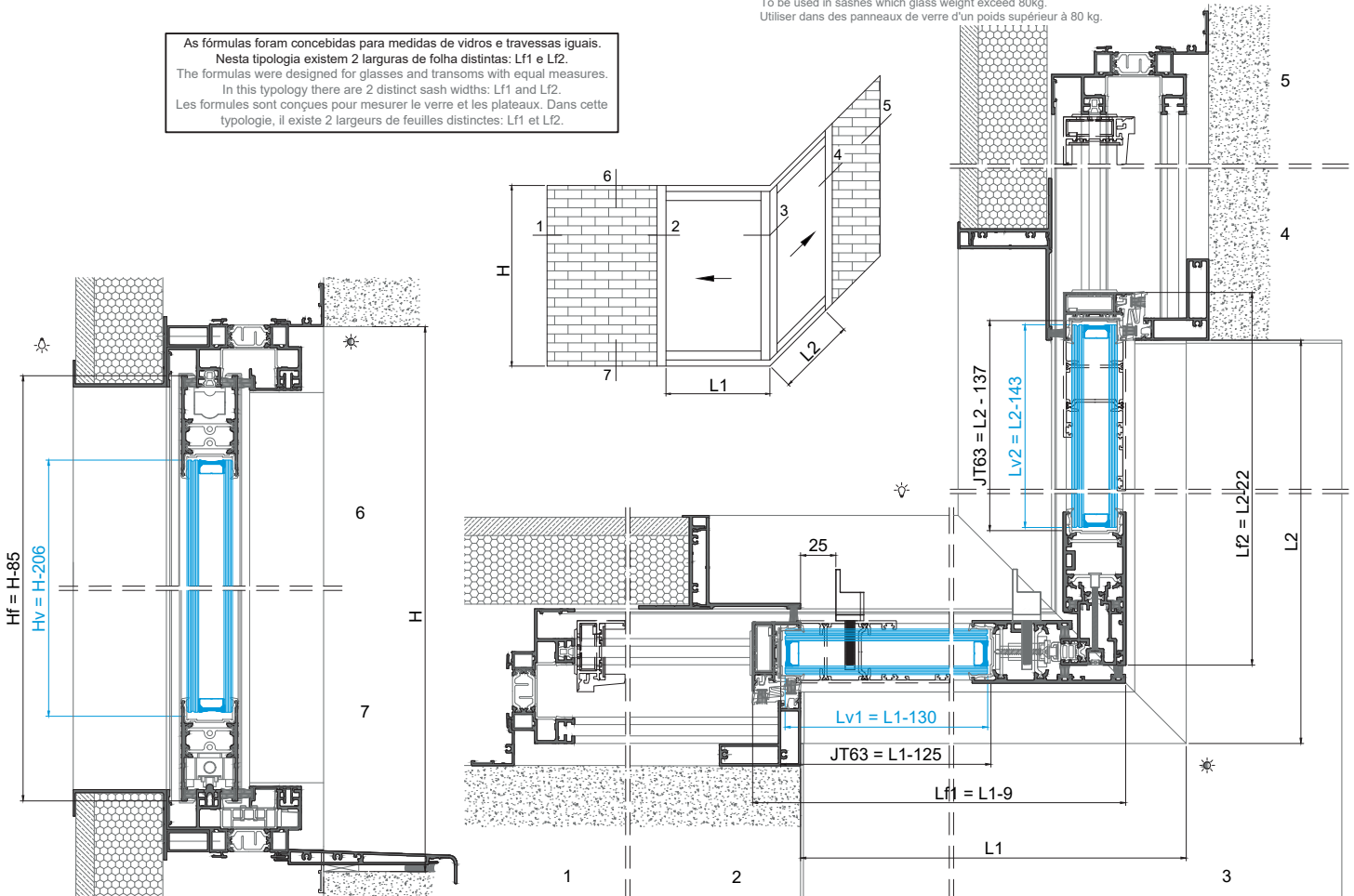
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	CORTE HORIZ. HORIZONTAL SIZE CORSE HORIZ.	CORTE VERT. VERTICAL SIZE CORSE VERT.	QUANT. QUANTITY	CORTE CORSE
JT 02	ARO FIXO FIXED FRAME CADRE DORMANT	2L1-86 2L2-78	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	2	
JT 62	PERFIL LATERAL CANTO 90° 90° CORNER LAT. PR. PR. LAT. D'ANGLE À 90°	-	H-85	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM TRAVERSE SUP/INF	L1-125 L2-137	-	2	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE PROFILÉ DE LIAISON	-	H-154	1	
JT 85	CAPA COVER COUVERTURE	L1-1 L2-1	-	2	
JT 87	GUIA GUIDE GUIDE	2L1-120 2L2-188	-	1	
JT 93	PERFIL MONTANTE CENTRAL PROFILE PROFILÉ DE MENEAU	-	H-111	2	
SO 46	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	2	
SO 47	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	2	
SO 48	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L1-12 L2-12	-	2	
KE 71	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L1+109 L2+109	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	2L1-25 L1-41 2L2-38 L2-53	H+45	1 1 + 2 1	
KP 32	TUBO TUBE TUBE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-85 H-111	2	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	2L1-103 2L2-116	H-45	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
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L1 + 2H 2L2
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L1 + 4H 2L2
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSE	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 BROSSE	2H

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLER ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ETANCHEITÉ	4
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH BROSSE D'ETANCHEITÉ ANGLE 90°	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ETANCHEITÉ	4
204164	ESQUADRO JT 12x9.5 CORNER C'AT ÉQUERRE	8
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	8
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
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT KIT D'EMBOUTS POUR ANGLE 90°	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPE À VOILE CACHÉ	6
210265	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) CLAPETS À BALLE (OPTIONAL)	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 LIAISON	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPOINT HARDWARE SHIM CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT MULTIPOINT FIXING KIT KIT FIXATION SERRURE MULTIPONT	6
212079	CONJ. FIX. FERRAGEM MULTIP. JT72 MULTIPOINT FIXING KIT KIT FIXATION SERRURE MULTIPONT	DIVERSOS DIVERSES
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE POIGNÉE DROITE	1
212085	CONJ. TOPOS JT93 JT93 END-CAPS KIT KIT D'EMBOUTS JT93	2
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT KIT D'EMBOUTS 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'EMBOUTS INFÉRIEUR RENOVATIO	1
290158	PARAF. PKI 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 e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues pour mesurer le verre et les plateaux. Dans cette typologie, il existe 2 largeurs de feuilles distinctes: Lf1 et Lf2.



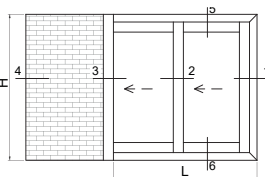
JANELA / PORTA DE CORRER 2 FOLHAS DE EMBUTIR - PERFIS FR 3RAIL
2 SASHES POCKET SLIDING WINDOW / DOOR - 3RAIL FR PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAOX À GALANDAGE - PROFILÉS FR 3RAIL

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	(3L+108)/2	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	2	
JT 53	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	1	
JT 67	PERFIL LATERAL LATERAL PROFILE PROFILÉ LATÉRAL	-	H-85	1	
JT 63	TRAVESSA SUP/INF UP/LWY TRANSOM TRAVERSE SUP/INF	(L-86)/2 (L-84)/2	-	2	
JT 85	CAPA COVER COUVERTURE	L-46	-	1	
JT 88	CAPA COVER COUVERTURE	-	H-62	1	
JT 87	GUIA GUIDE	(3L-92)/2 (3L-86)/2	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE PROFILÉ DE MENEAU	-	H-111	1	
SO 46	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	1	
SO 47	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	1	
SO 48	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L+91	H-1	2 + 1	
KE 71	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	L-6	-	1	
KE 90	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	(3L+208)/2 (L+147)/2	H+45	1 + 2	
KP 32	TUBO TUBE TUBE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-85 H-111	3 1	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	(3L+26)/2	H-45	4 + 4	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	L-46 (L-18)/2 (L-45)/2 L-59	H-44	1 1 + 4 1	

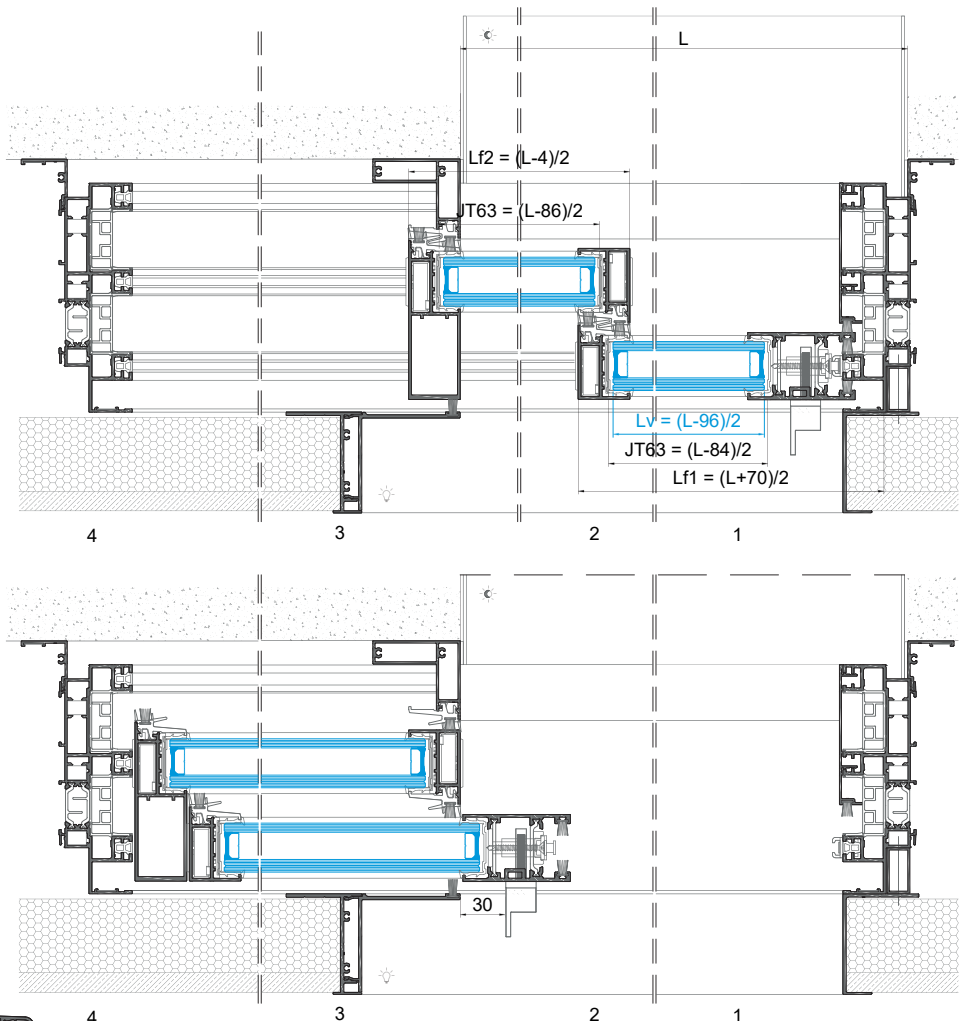
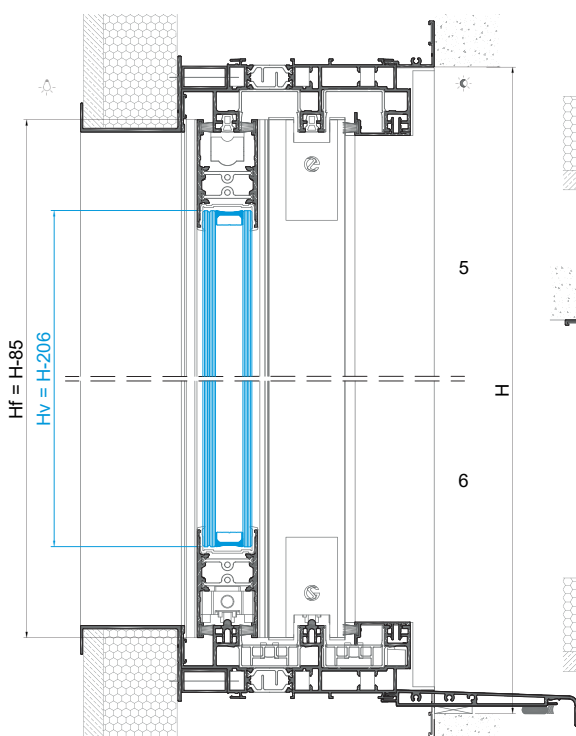
VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	4L + 4H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROUSSE	6L + 7H
208466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

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'ETANCHEITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROsse CENTRALE D'ETANCHEITÉ	2
204164	ESQUADRO JT 12x9.5 CORNER GLEAT EQUEURRE	12
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	3
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUITS CENTRAUX	3
212340	CONJ. TOPOS CENTRAL REFORÇADO CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX REFORCÉ	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPET À VOLET CACHÉ	3
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 MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT KIT FIXATION GÂCHE SERRURE MULTIPONT	2
212455	CONJ. FIXAÇÃO AL MULTIP. JT MULTIPONT HARDWARE STRIKING PLATE FIXING KIT KIT FIXATION GÂCHE SERRURE MULTIPONT	2
218198	CALÇO P/ MULTIPONTO SOS JT MULTIPONT 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
212085	CONJ. TOPOS JT93 JT93 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 ADHÉSIVES KE71	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT KIT D'EMBOUITS INFÉRIEUR RENOVATIO	1
290158	PARAF P/ PH 1 1/2X10 CQ SCREW VIS	32
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 e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues pour mesurer le verre et les plateaux. Dans cette typologie, il existe 2 largeurs de feuilles distinctes: Lf1 et Lf2.



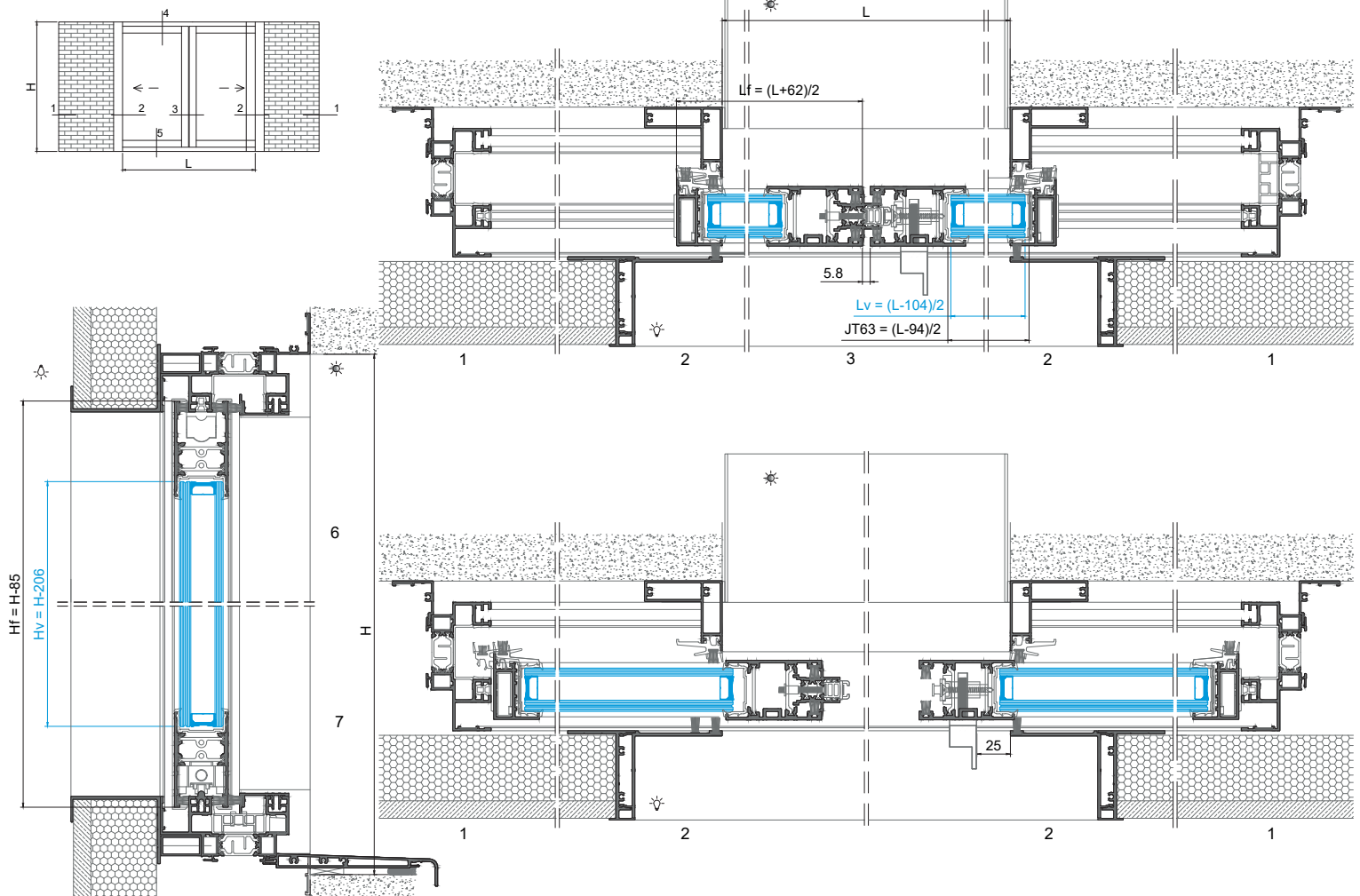
JANELA / PORTA DE CORRER 2 FOLHAS DE EMBUTIR COM LIGAÇÃO CENTRAL - PERFIS FR 2RAIL
2 SASHES POCKET SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 2RAIL FR PROFILES
FENÊTRE / PORTE-FEN. COULISSANT 2 VANTAUX À GALANDAGE AVEC CONNEXION CENTRALE - PROFILÉS FR 2RAIL

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	2L+25	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	2	
JT 67	PERFIL LATERAL LATERAL PROFILE PROFILÉ LATÉRAL	-	H-85	2	
JT 63	TRAVESSA SUP/INF UP/LOW TRANSOM TRAVERSE SUP/INF	(L-94)/2	-	4	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE PROFILÉ DE LIAISON	-	H-154	1	
JT 85	CAPA COVER COUVERTURE	L-1	-	2	
JT 87	GUIA GUIDE GUIDE	2L-73	-	1	
JT 93	PERFIL MONTANTE MULLION PROFILE PROFILÉ DE MENEAU	-	H-111	2	
SO 46	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	2	
SO 47	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	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 90	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	2L+75 (L+75)/2	H+45	1 2 + 2	
KP 32	TUBO TUBE TUBE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-85 H-111	2 2	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	2L-16	H-45	2 + 2	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	(L-118)/2	-	2	

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 + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA FILE SEAL JOINT BRUSSE	6L + 8H
208466	PELUCIA 7x12 STOP-FIN PRETA FILE SEAL JOINT BRUSSE	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 BRUSSE CENTRALE D'ETANCHEITÉ	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BRUSSE CENTRALE D'ETANCHEITÉ	3
204164	ESQUADRO JT 12x9.5 CORNER CLEAT EGUERRE	8
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 LATERAL INNER END-CAPS KIT KIT D'EMBOUITS INTÉRIEUR LATÉRAUX	2
212201	CONJ. TAMPAS TOPOS LAT. JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMOUITS 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 EMOUITS CENTRAUX	2
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT KIT D'EMBOUITS CONNEXION 2 VENTAUX	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FL AP VALVE CLAPET 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	1
202491	CONTRA-FECHO ANTI-LEVANTAMENTO MULTIPONTO MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT KIT FIXATION GÂCHE SERRURE MULTIP.	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 MULTIPOINT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT KIT FIXATION	6
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT KIT FIXATION POUR SERRURE MULTIPOINT	DIVERSOS DIVERSES
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE POIGNEE DROITE	1
212085	CONJ. TOPOS JT93 JTS 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 ADHESIFS KE71	1
212223	CONJ. TOPOS INFERIORES RENOVATIO RENOVATIO END-CAPS KIT KIT D'EMBOUITS INFÉRIEUR RENOVATIO	1
290158	PARAF PKI 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.



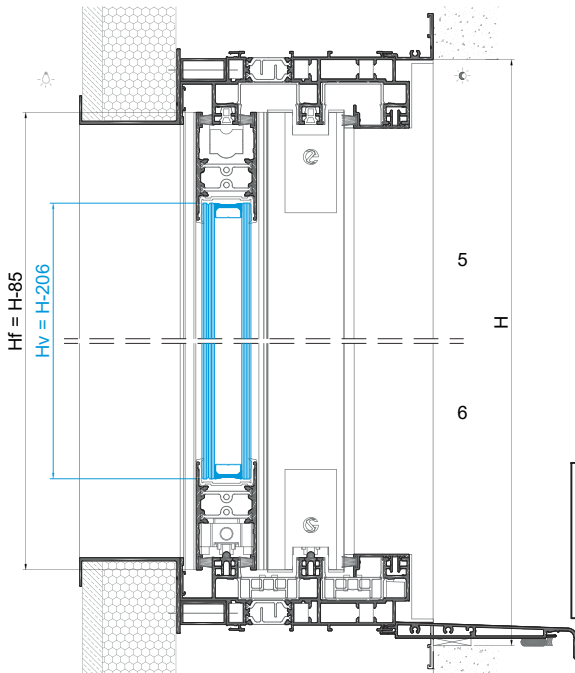
JANELA / PORTA DE CORRER 4 FOLHAS DE EMBUTIR COM LIGAÇÃO CENTRAL - PERFIS FR 3RAIL
4 SASHES POCKET SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 3RAIL FR PROFILES
FENÊTRE / PORTE-FEN. COULISSANT 4 VANTAOX À GALANDAGE AVEC CONNEXION CENTRALE - PROFILÉS FR 3R

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY	CORTE CUT COUPE
JT 03	ARO FIXO FIXED FRAME CADRE DORMANT	(3L+257)/2	H-4	2 + 2	
JT 51	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	4	
JT 53	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-85	2	
JT 67	PERFIL LATERAL LATERAL PROFILE PROFILÉ LATÉRAL	-	H-85	2	
JT 63	TRAVESSA SUP/INF UP/DN TRANSOM TRAVERSE SUP/INF	(L-107)/4 (L-104)/4	-	4	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE PROFILÉ DE LIAISON	-	H-154	1	
JT 85	CAPA COVER COUVERTURE	(L-76)/4	-	4	
JT 88	CAPA COVER COUVERTURE	(L+72)/2	-	2	
JT 87	GUIA GUIDE GUIDE	(3L+61)/2	-	2	
JT 93	PERFIL MONTANTE MULLION PROFILE PROFILÉ DE MENEAU	-	H-111	2	
SO 46	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	2	
SO 47	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	-	H-101	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 90	PERFIL REMATE FINISHING PROFILE PROFILÉ DE FINITION	(3L+357)/2 (L+357)/4	H+45	1 + 2	
KP 32	TUBO TUBE TUBE	Variável Variable			
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-85 H-111	2 6	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	(3L+175)/2	H-45	4 + 4	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	(L-54)/2	-	2	
		(L-112)/4 (L-27)/4 L-31	-	2 2 1	

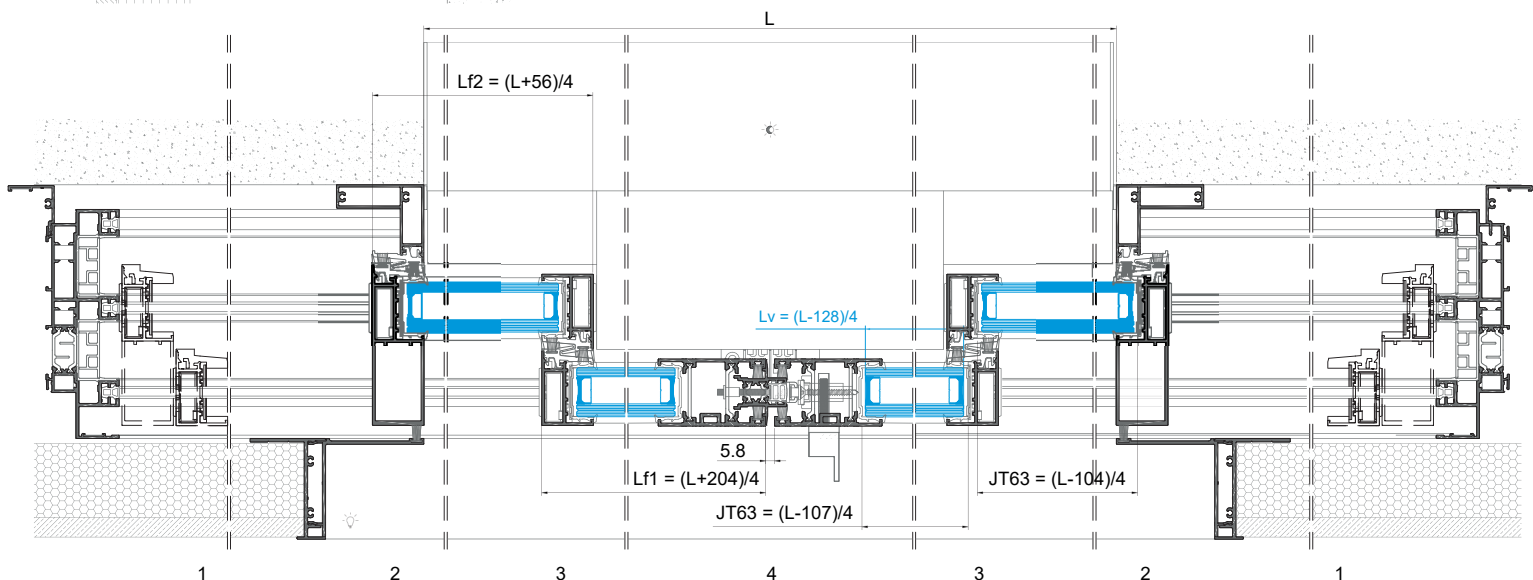
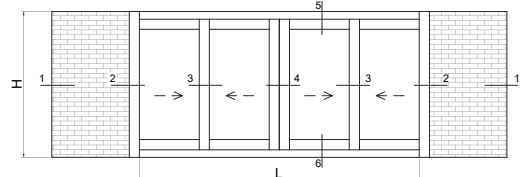
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLER ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ETANCHEITÉ	10
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ETANCHEITÉ	5
204164	ESQUADRO JT 12x9.5 CORNER GLAZ EQUEURRE	12
213246	CANTO CR S/SB CORNER ANGLE	8
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
212340	CONJ. TOPOS CENTRAL REFORÇADO CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	2
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT KIT D'EMBOUTS CONNEXION 2 VENTAOUX	1
210269	GOTEIRA OCULTA C/ VALV. SV-C13 FLAP VALVE CLAPE À VOILET CACHÉ	6
210285	GOTEIRA C/ VALV. BOLA PRT (OPCIONAL) BALL VALVE (OPTIONAL) CLAPETS À BILLE (OPTIONEL)	4
211121	FERRAGEM MULTIPONTO ANTI-FALSA MAN. 1000 MULTIPOINT HARDWARE STRIKING PLATE FIXING KIT KIT FIXATION GÂCHE SERRURE MULTIP.	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 PROFILE DE LIAISON	2
218198	CALÇO P/ MULTIPONTO S05S JT MULTIPONT HARDWARE SHIM CALE POUR MULTIPONT	6
212371	CONJ. FIXAÇÃO JT FIXING KIT KIT FIXATION	6
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPONT HARDWARE FIXING KIT KIT FIXATION POUR SERRURE MULTIPONT	DIVERSOS
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE POIGNEE DROITE	1
212085	CONJ. TOPOS JT93 JT93 END-CAPS KIT KIT D'EMBOUTS JT93	2
212221	CONJ. TAPA TOPOS KE71 KE71 END-CAPS KIT KIT D'EMBOUTS KE71	1
212227	CONJ. JUNTAS ADES. P/ TOPOS PERFIL SOL. KE71 ADHESIVE JOINTS KIT KIT DE JOINTS ADHESIFS KE71	1
212223	CONJ. TOPOS INFERIORES RENOVIATIO RENOVATIO END-CAPS KIT KIT D'EMBOUTS INFÉRIEUR RENOVIATIO	1
290158	PARAF PKI 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.
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VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	4L + 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 BROUSSE	6L + 12H
208466	PELUCIA 7x12 STOP-FIN PRETA PILE SEAL JOINT BROUSSE	2H

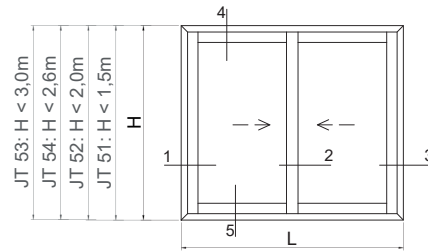


As fórmulas foram concebidas para medidas de vidros e travessas iguais. Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures. In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues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



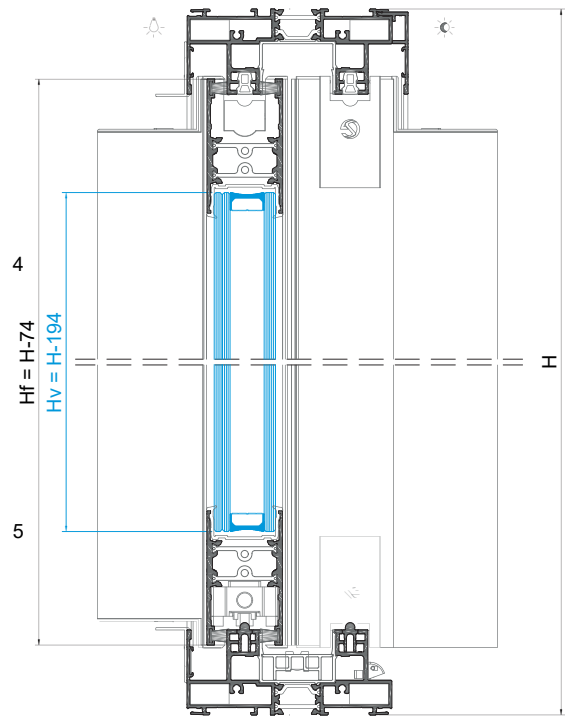
JANELA / PORTA DE CORRER 2 FOLHAS - PERFIS PT 2RAIL
2 SASHES SLIDING WINDOW / DOOR - 2RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAOX - PROFILÉS PT 2RAIL

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY	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/LOW TRANSOM TRAVERSE SUP/INF	(L-196)/2	-	4	
JT 82	PERFIL PINGADEIRA Drip Profile LARMIER	L-4	-	1	
JT 90	CAPA COVER COUVERTURE	-	H-37	1	
JT 92	CAPA COVER COUVERTURE	-	H-37	1	
JT 87	GUIA GUIDE GUIDE	L-93	-	2	
208346	JUNTA CENTRAL 2196 JOINT CENTRAL	-	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	

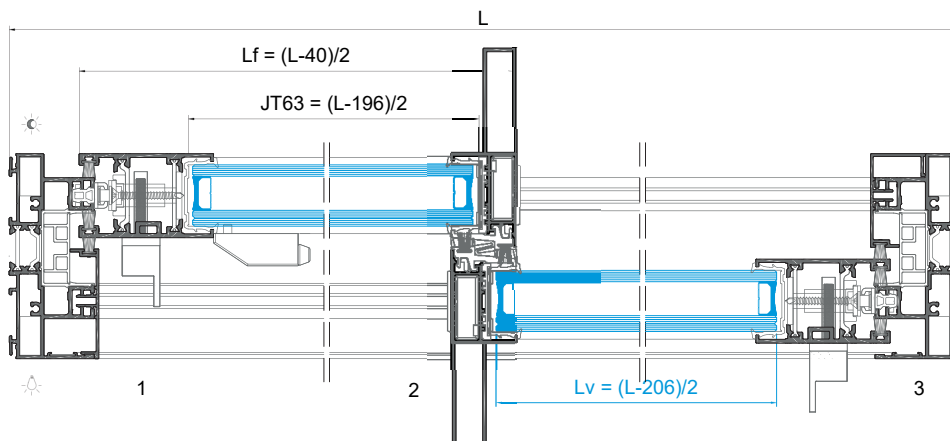


ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLER ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ	2
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSE CENTRALE D'ÉTANCHÉITÉ	1
204153	ESQUADRO JT 11x20,5 CORNER (GLASS) ÉQUERRE	8
213246	CANTO CR S/SB CORNER ANGLE	4
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
212456	CONJ. TOPOS CENTRAL REFORC. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUS CENTRAUX RENFORCÉ	2
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOILE EXTÉRIEUR	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 LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	1
290158	PARAF PFI 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.

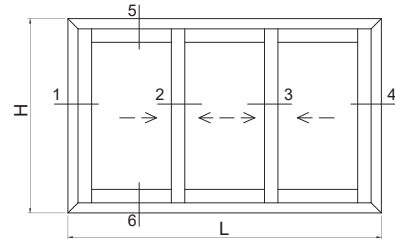


VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
208348	JUNTA TAPA CANAL 2116 JT JOINT TAP	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSE	4L + 8H



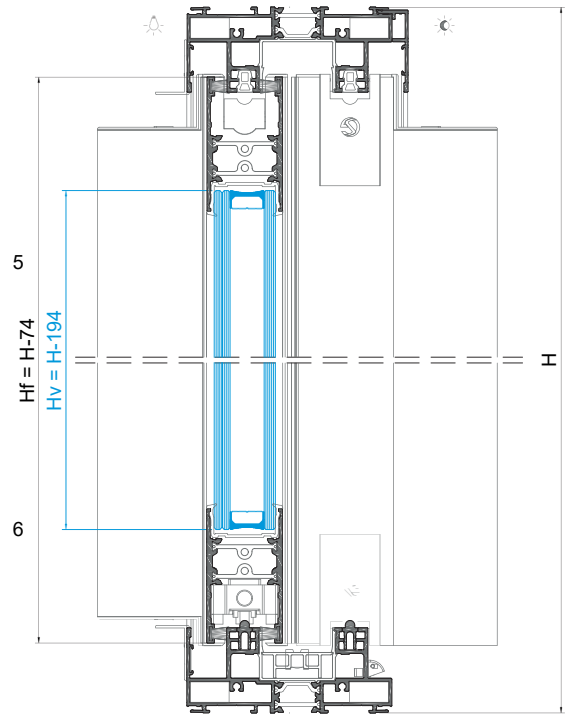
JANELA / PORTA DE CORRER 3 FOLHAS - PERFIS PT 2RAIL
3 SASHES SLIDING WINDOW / DOOR - 2RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAOX - PROFILÉS PT 2RAIL

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	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/LOW TRANSOM TRAVERSE SUP/INF	(L-202)/3 (L-200)/3	-	4 2	
JT 82	PERFIL PINGADEIRA Drip Profile L'ARMIER	L-4	-	1	
JT 92	CAPA COVER COUVERTURE	-	H-37	2	
JT 87	GUIA GUIDE GUIDE	L-96 L-90	-	1 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 1 + 2	



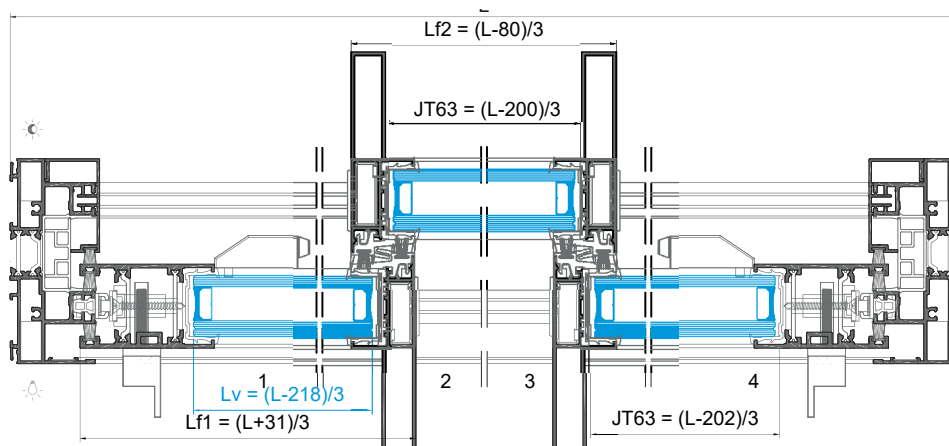
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
206129	CARRINHO JT 180KG ROLLER ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BRASSE CENTRALE D'ETANCHÉITÉ	4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BRASSE CENTRALE D'ETANCHÉITÉ	2
204153	ESQUADRO JT 11x20.5 CORNER (EL) ÉQUERRE	8
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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP 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 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'OUVREURE	2
290158	PARAF PKI PH 1 1/2X10 CQ SCREW VIS	24
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM CALE DE RENFORCEMENT HORIZONALE	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.



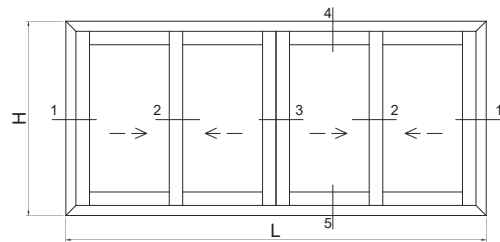
VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BRASSE	4L + 10H

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

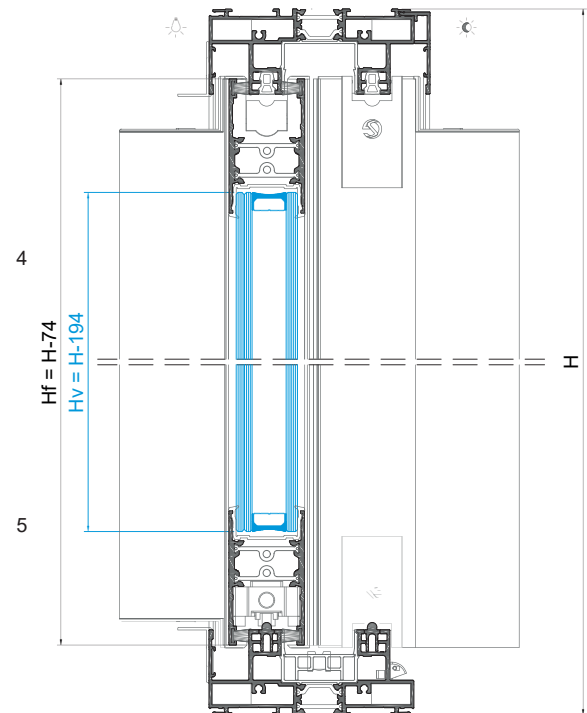


JANELA / PORTA DE CORRER 4 FOLHAS COM LIGAÇÃO CENTRAL - PERFIS PT 2RAIL
4 SASHES SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 2RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAOX AVEC CONNEXION CENTRALE - PROFILÉS PT 2RAIL

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT GOUPE HORIZ.	CORTE VERT. VERTICAL CUT GOUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT GOUPE
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/LOW TRANSOM TRAVERSE SUP/INF	(L-324)/4	-	8	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE PROFILÉ DE LIASON	-	H-142	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-4	-	1	
JT 90	CAPA COVER COUVERTURE	-	H-37	2	
JT 87	GUIA GUIDE GUIDE	L-96 L-90	-	1 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	



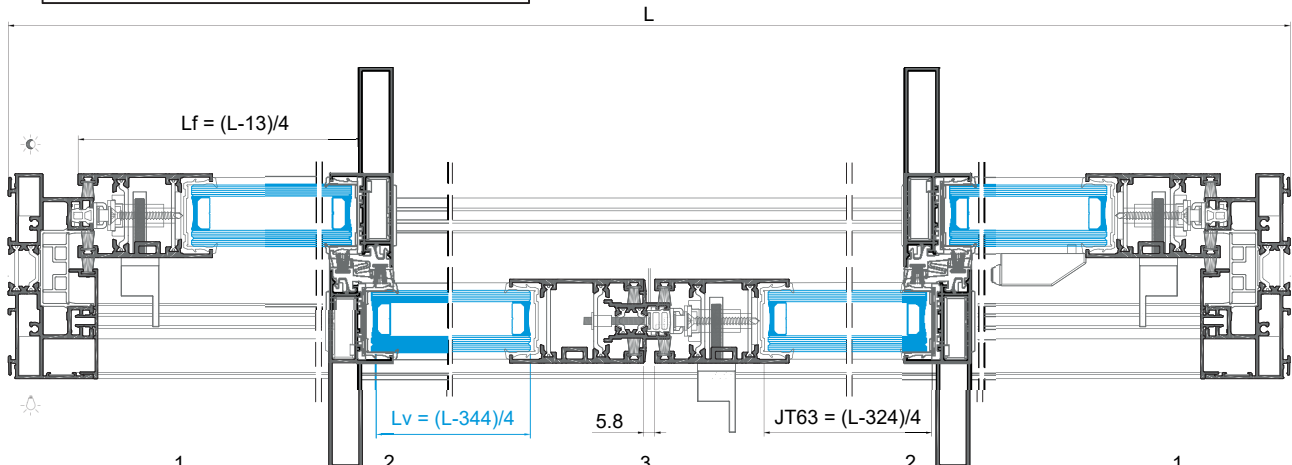
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ÉTANCHÉITÉ	6
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	3
204153	ESQUADRO JT 11x20,5 CORNER CLEAT ÉQUERRE	8
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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT KIT D'EMBOUTS CONNEXION 2 VENTAOX	1
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOLET EXTERIEUR	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 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 LIASON	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
290158	PARAF PKI PH 1 1/2X10 CQ SCREW VIS	32
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM CALE DE RENFORCEMENT HORIZONTALE	8



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 + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSSE	4L + 14H
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT JOINT	H

* 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 e travessas iguais.
Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms 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 et les plateaux. Dans cette typologie, il existe 4 largeurs de feuilles distinctes: Lf1, Lf2, Lf3 et Lf4.



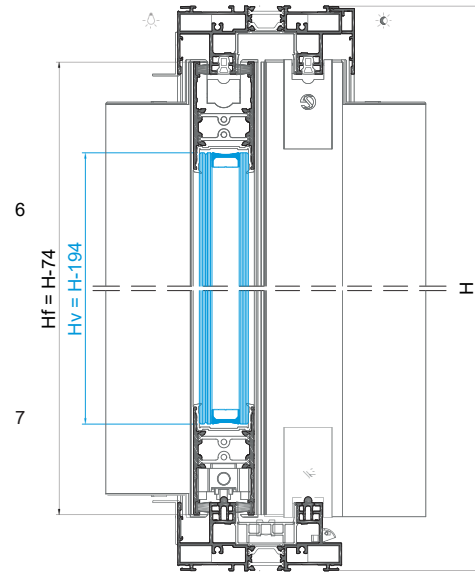
JANELA / PORTA DE CORRER 4 FOLHAS EM CANTO 90° - PERFIS PT 2RAIL
4 SASHES SLIDING WINDOW / DOOR IN 90° CORNER | ANGLE - 2RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAOX À ANGLE 90° - PROFILÉS PT 2RAIL

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	
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. PR. LAT. D'ANGLE À 90°	-	H-74	2	
JT 63	TRAVESSA SUP/INF TOP/CORNER TRANSVERSE SUP/INF	(L1-251)/2 (L2-263)/2	-	4	
JT 72	PERFIL LIGAÇÃO CANTO 90° CONNECTION PROFILE PROFILÉ DE LIAISON	-	H-143	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L1+19 L2+19	-	1 1	
JT 90	CAPA COVER COUVERTURE	-	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	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	(L1-117)/2 (L1-292)/2 (L2-130)/2 (L2-280)/2	H-37	1 1 + 2 1 1	

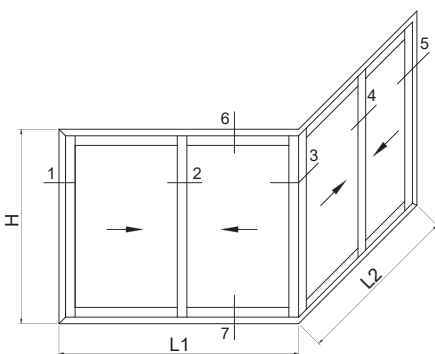
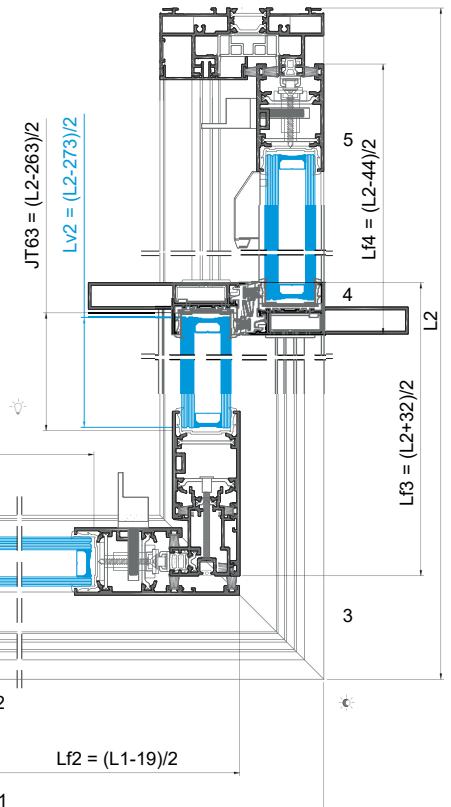
VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L1 + 2H 2L2
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L1 + 8H 2L2
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BRASSE	4L1 +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

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'ÉTANCHÉITÉ	4	
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH BRASSE D'ÉTANCHÉITÉ ANGLE 90°	2	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BRASSE CENTRALE D'ÉTANCHÉITÉ	4	
204153	ESQUADRO JT 11x20.5 CORNER CLEAT ÉQUERRE	8	
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'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	
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4	
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT KIT D'EMBOUTS POUR ANGLE 90°	1	
210268	GOTEIRA OCULTA 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 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	
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	
290158	PARAF P/ 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.



As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms 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 et les plateaux. Dans cette typologie, il existe 4 largeurs de feuilles distinctes: Lf1, Lf2, Lf3 et Lf4.



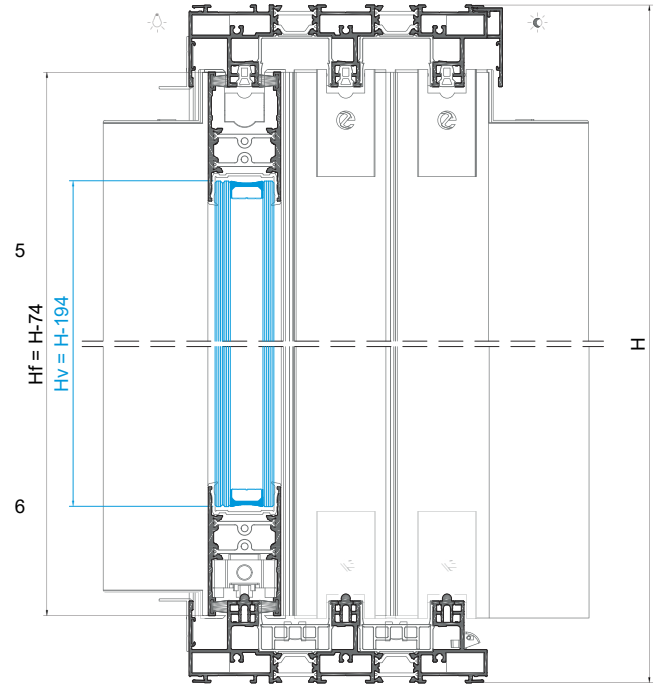
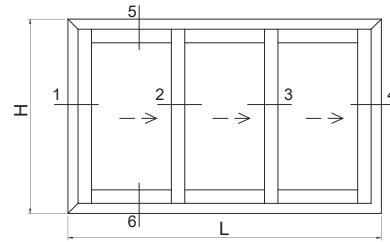
JANELA / PORTA DE CORRER 3 FOLHAS - PERFIS PT 3RAIL
3 SASHES SLIDING WINDOW / DOOR - 3RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAOX - PROFILÉS PT 3RAIL

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/LOW 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 COUVERTURE	-	H-37	1	
JT 91	CAPA COVER COUVERTURE	-	H-51	2	
JT 92	CAPA COVER COUVERTURE	-	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 U PVC PROFILE PROFILÉ PVC U	L-34	H-34	4 + 4	

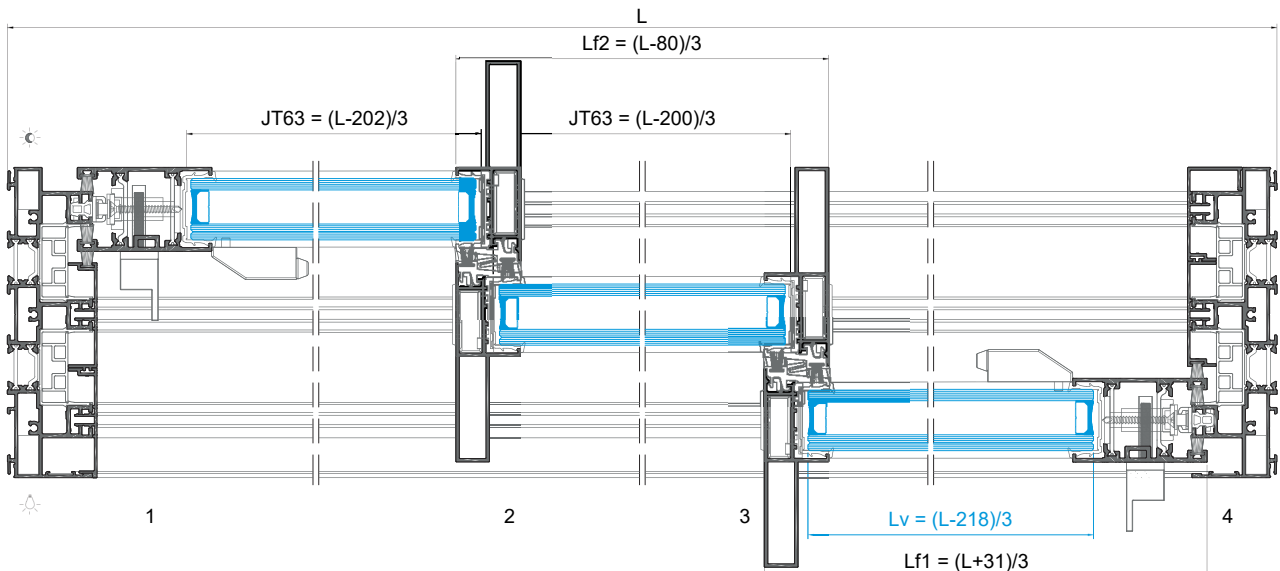
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION		QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE		6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROsse CENTRALE D'ÉTANCHÉITÉ		4
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROsse CENTRALE D'ÉTANCHÉITÉ		2
204153	ESQUADRO JT 11x20,5 CORNER (GLEAT) / ÉQUIERRE		12
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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX REFORCÉ		4
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOILE EXTÉRIEUR		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 END-CAP COVERS KIT KIT D'EMBOUITS LATÉRAUX POUR REJET D'EAU		1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER / LIMITEUR D'OUVREMENT		2
290158	PARAF PFI 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.

As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues pour mesurer le verre et les plateaux. Dans cette typologie, il existe 2 largeurs de feuilles 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 BROsse	4L + 10H

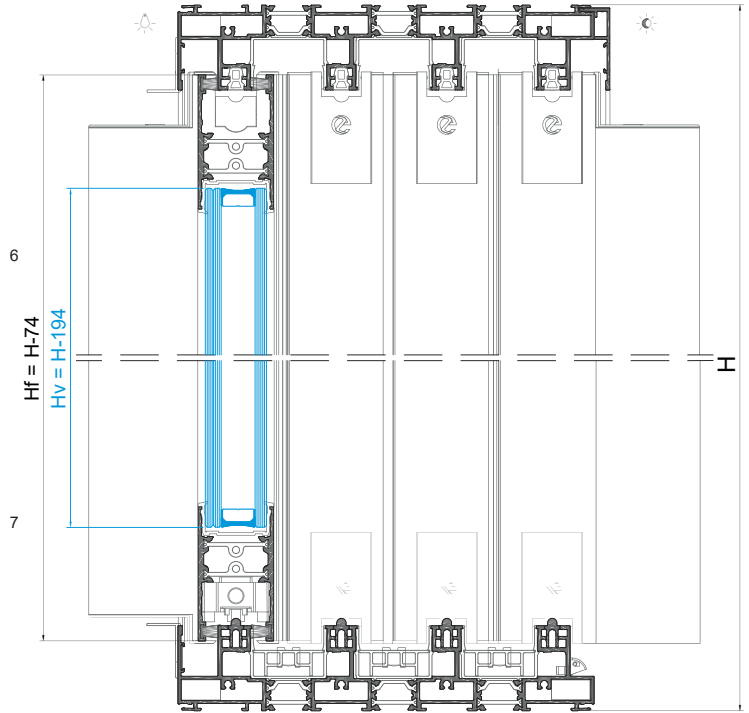
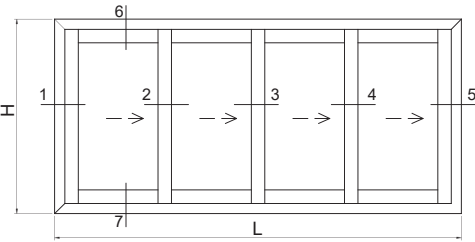


JANELA / PORTA DE CORRER 4 FOLHAS - PERFIS PT 4RAIL
4 SASHES SLIDING WINDOW / DOOR - 4RAIL PT PROFILES
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAOX - PROFILÉS PT 4RAIL

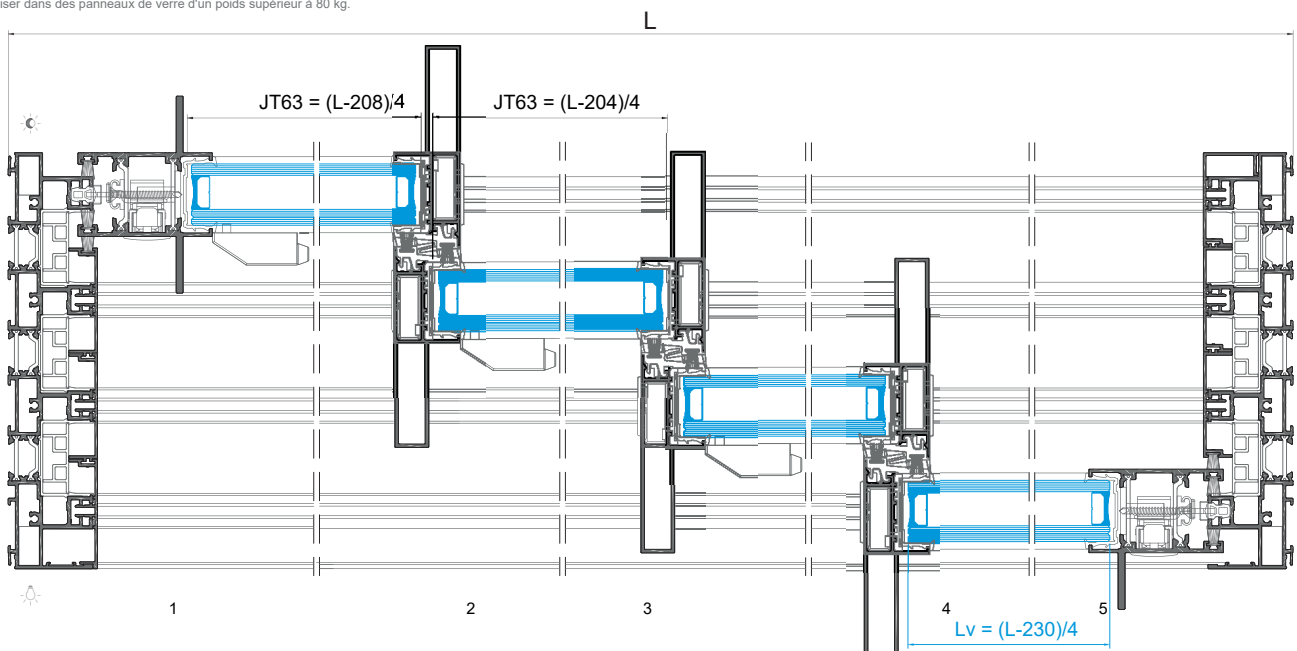
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 33	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2 + 2	
JT 54	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ 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 LARMIER	L-4	-	1	
JT 90	CAPA COVER COUVERTURE	-	H-37	1	
JT 91	CAPA COVER COUVERTURE	-	H-51	4	
JT 92	CAPA COVER COUVERTURE	-	H-37	1	
JT 87	GUIA GUIDE 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	2 + 2	
215303	PERFIL PVC T T PVC PROFILE PROFILÉ PVC T	(L-76)/4 (L-128)/2 (3L-438)/4	H-37	2 2 + 2 2	

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	6	
212337	CONJ. ESTANQ. CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH KIT KIT BROSSSE CENTRALE D'ÉTANCHÉITÉ	3	
204153	ESQUADRO JT 11x20,5 CORNER CLEAT ÉQUERRE	8	
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	6	
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	6	
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX REINFORCÉ	6	
210268	GOTEIRA OCVULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOILET EXTERIEUR	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 R251X 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'EMBOUTS LATÉRAUX POUR REJET D'EAU	1	
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	3	
290158	PARAF PKI PH 1 1/2X10 CQ SCREW VIS	32	
218137	CALÇO REFORÇO HORIZONTAL JT * HORIZONTAL REINFORCEMENT SHIM COLE 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.

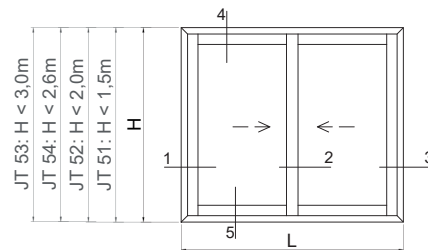


VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	4L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 8H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSSE	4L + 12H



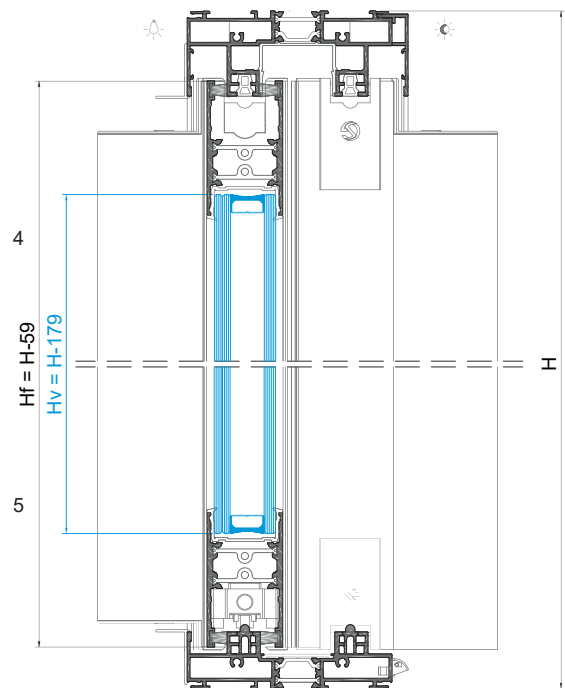
JANELA / PORTA DE CORRER 2 FOLHAS - SOLEIRA 30MM 2RAIL E OMBREIRA JT18
2 SASHES SLIDING WINDOW / DOOR - 2RAIL 30MM SILL AND JT18 JAMB
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAUX - SEUIL 30MM 2RAIL ET JAMBAGE JT18

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	PADIEIRA LIMTEL LIMTEAU	L-38	-	1	
JT 18	OMBREIRA JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL SEUIL	L-38	-	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'ARMIERA	L-4	-	1	
JT 87	GUIA GUIDE GUIDE	L-51	-	2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	(L-102)/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-38	-	1	

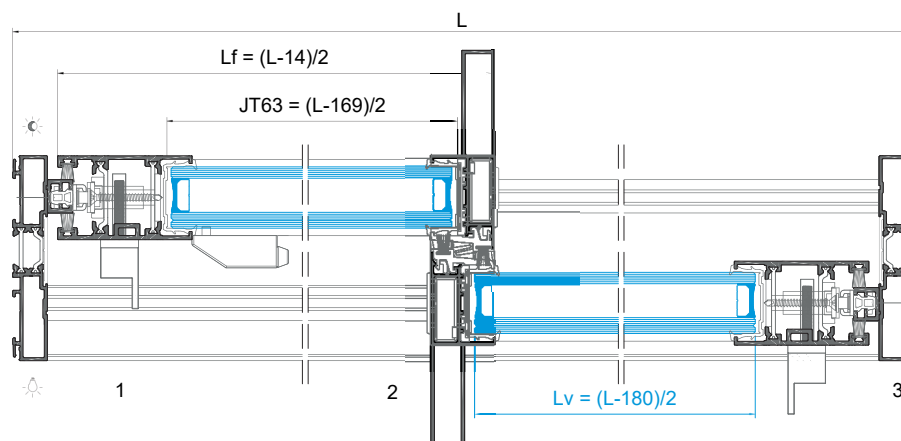


ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE	4
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ 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'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	2
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	2
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUITS CENTRAUX RENFORCÉ	2
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VIOLET 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'EMBOUITS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER LIMITEUR D'OUVRETURE	1
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW VIS	DIVERSOS DIVERSES
290158	PARAF PKI 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.

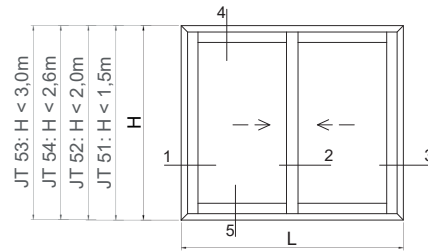


VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 4H
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BROSSSE	4L + 6H



JANELA / PORTA DE CORRER 2 FOLHAS - SOLEIRA 30MM 2RAIL E OMBREIRAS JT17/JT19
2 SASHES SLIDING WINDOW / DOOR - 2RAIL 30MM SILL AND JT17/JT19 JAMB
FENÊTRE / PORTE-FENÊTRE COULISSANT 2 VANTAUX - SEUIL 30MM 2RAIL ET JAMBAGE JT17/19

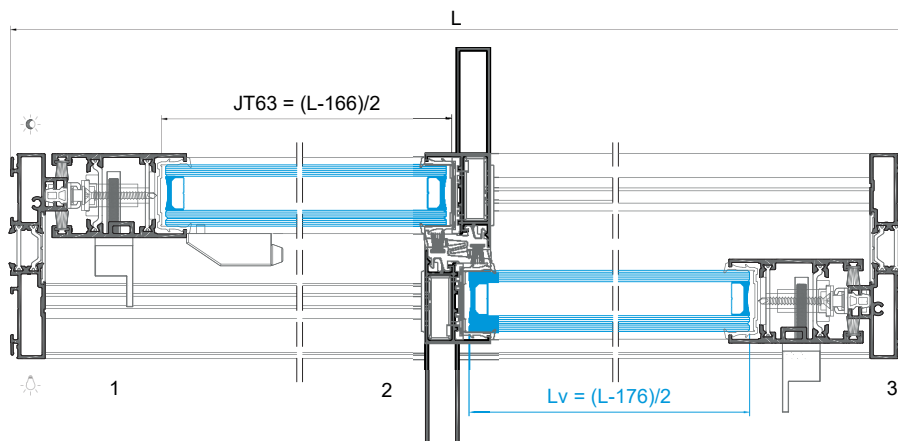
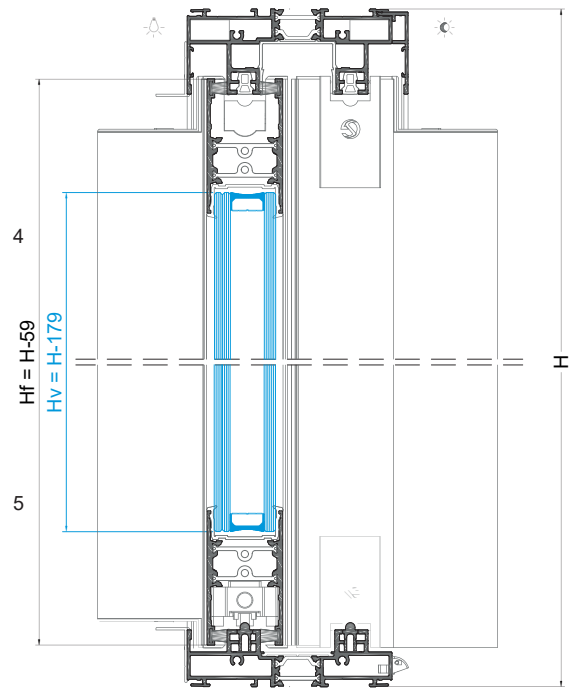
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JT 12	PADIEIRA LIMTEL LIMTEAU	L-38	-	1	
JT 17	OMBREIRA JAMB JAMBAGE	-	H	1	
JT 19	OMBREIRA JAMB JAMBAGE	-	H	1	
JT 22	SOLEIRA SILL SEUIL	L-38	-	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/LOW TRANSOM TRAVERSE SUP/INF	(L-166)/2	-	4	
JT 82	PERFIL PINGADEIRA DRIP PROFILE L'ARRMIER	L-4	-	1	
JT 87	GUIA GUIDE GUIDE	L-49	-	2	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	(L-72)/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-38	-	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'ETANCHÉITÉ	1
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ BAS	1
223105	KIT JUNTAS ADESIVAS Nº1 JT KIT 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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	2
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOILET 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 DIVERSES
290158	PARAF P/ 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

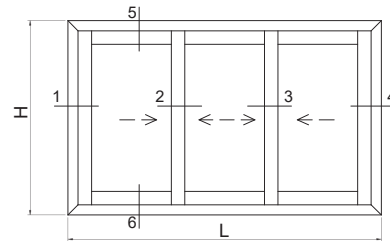
* Usar em folhas com vidros com peso superior a 80kg.
To be used in sashes which glass weight exceed 80kg.
Utiliser dans des panneaux de verre d'un poids supérieur à 80 kg.

VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H
208099	JUNTA VIDRO 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 / PORTA DE CORRER 3 FOLHAS - SOLEIRA 30MM 2RAIL E OMBREIRA JT18
3 SASHES SLIDING WINDOW / DOOR - 2RAIL 30MM SILL AND JT18 JAMB
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAUX - SEUIL 30MM 2RAIL ET JAMBAGE JT18

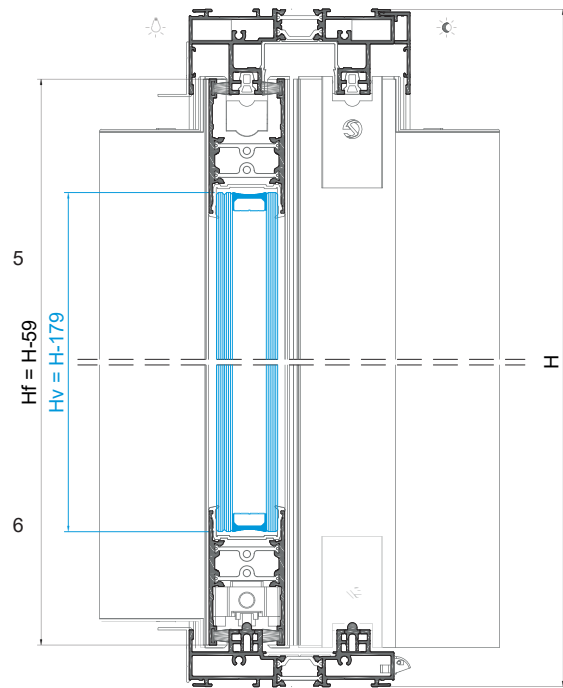
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JT 12	PADIEIRA LIMITER LIMITEAU	L-38	-	1	
JT 18	OMBREIRA JAMB JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE GUIDE POUR JAMBAGE	-	H-74	2	
JT 22	SOLEIRA SILL SEUIL	L-38	-	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/LOW TRANSOM TRAVERSE SUP/INF	(L-175)/3 (L-173)/3	-	4 2	
JT 82	PERFIL PINGADEIRA SIPR PROFILE LARMIER	L-4	-	1	
JT 87	GUIA GUIDE GUIDE	L-65 L-38	-	1 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	(L-30)/3 (L-261)/3	H	2 1 + 2	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	L-38	-	1	



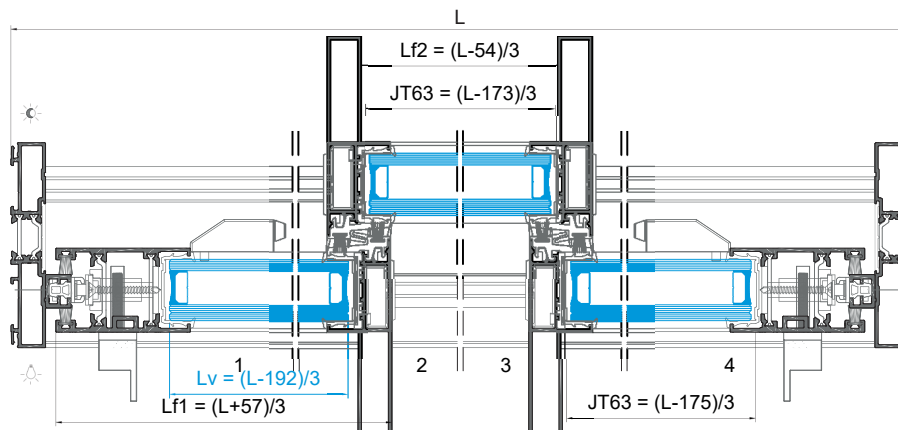
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ
205129	CARRINHO JT 180KG ROLLER ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ BAS	2
223105	KIT JUNTAS ADESIVAS Nº1 JT JT Nº1 ADHESIVE JOINTS KIT KIT DE JOINTS ADHÉSIVES 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	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE 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 POIGNÉE GAUCHE	1
200817	PUXADOR SLIM XS - DIREITO RIGHT HANDLE POIGNÉE DROITE	1
212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL 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 DIN7982 PH 3,5x16 A2 SCREW VIS	DIVERSOS DIVERSES
290158	PARAF P/ 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 QUANTITÉ
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 BROSSSE	4L + 8H

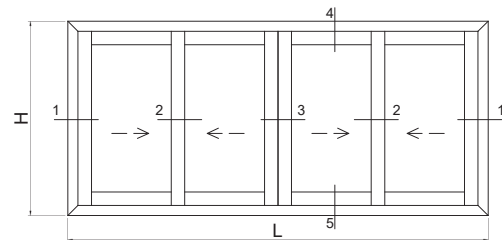


As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues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



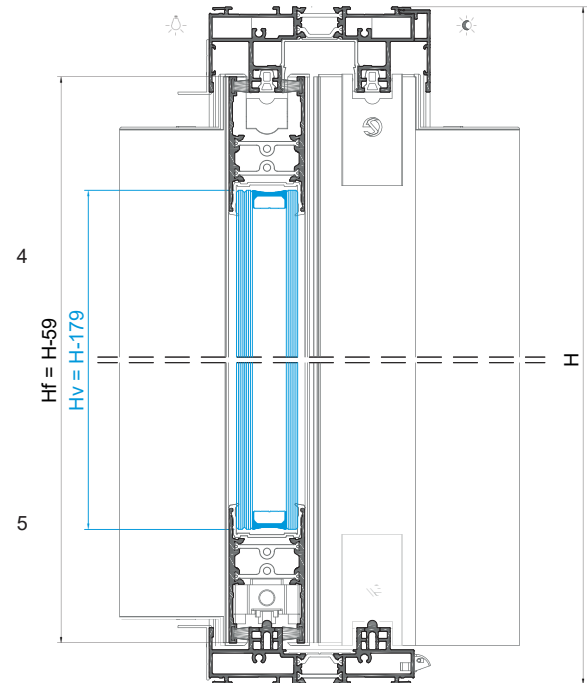
JANELA / PORTA DE CORRER 4 FOLHAS C/ LIGAÇÃO CENTRAL - SOLEIRA 30MM 2RAIL E OMBREIRA JT18
4 SASHES SLIDING WINDOW / DOOR WITH CENTRAL CONNECTION - 2RAIL 30MM SILL AND JT18 JAMB
FENÊTRE / PORTE-FEN. COULISSANT 4 VANTAUX AVEC CONNEXION CENTRALE - SEUIL 30MM 2RAIL ET JAMBAGE JT18

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JT 12	PADIEIRA LUNETE LAMBEAU	L-38	-	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-38	-	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/LW TRANSOM TRAVERSE SUP/INF	(L-297)/4	-	8	
JT 71	PERFIL LIGAÇÃO CENTRAL CONNECTION PROFILE PROFILÉ DE LIASON	-	H-128	1	
JT 82	PERFIL PINGADEIRA DRIP PROFILE L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE GUIDE	L-65	-	1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	L-38 (L-182)/4 (L-102)/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-38	-	1	



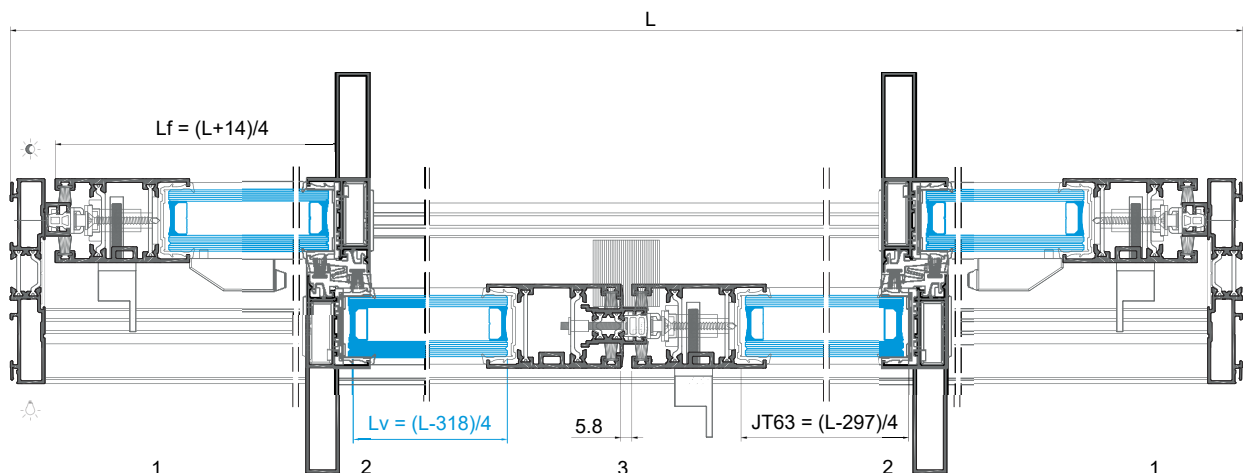
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
205129	CARRINHO JT 180KG ROLLERS ROULETTE	8
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ	3
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSSE CENTRALE D'ETANCHÉITÉ 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
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUTS CENTRAUX RENFORCÉ	4
212104	CONJ. TOPOS LIG. 2 FOLHAS JT 2 SASHES CONNECTING END-CAPS KIT KIT D'EMBOUTS CONNEXION 2 VANTAUX	1
210268	GOTEIRA OCLUTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOLET EXTERIEUR	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/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 LIASON	2
218198	CALÇO P/ MULTIPONTO SÓS JT MULTIPOINT HARDWARE SHIM CALE POUR MULTIPONT	18
212371	CONJ. FIXAÇÃO JT FIXING KIT KIT FIXATION	18
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIPOINT HARDWARE FIXING KIT KIT FIXATION POUR SERRURE MULTIPONT	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 DIN7982 PH 3,5x16 A2 SCREW VIS	DIVERSES
290158	PARAF FKI 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 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.



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

VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L + 2H
208099	JUNTA VIDRO 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



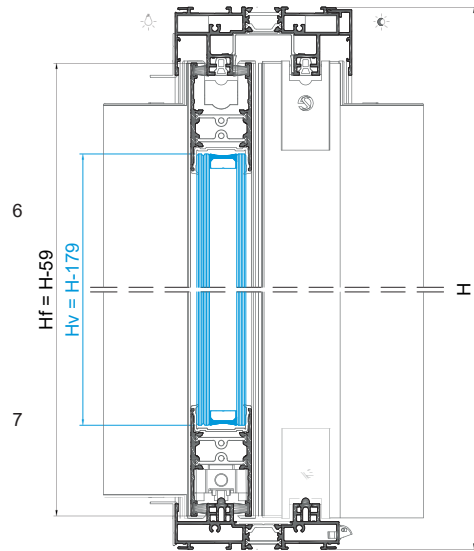
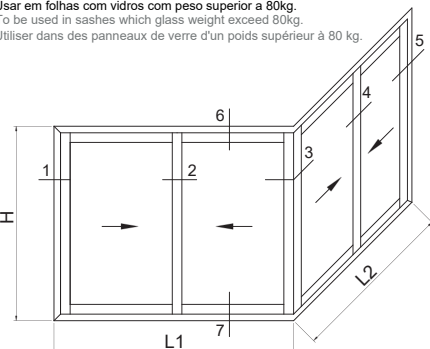
JANELA / PORTA DE CORRER 4 FOLHAS EM CANTO 90° - SOLEIRA 30MM 2RAIL E OMBREIRA JT18
4 SASHES SLIDING WINDOW / DOOR IN 90° CORNER | ANGLE - 2RAIL 30MM SILL AND JT18 JAMB
FENÊTRE / PORTE-FENÊTRE COULISSANT 4 VANTAUX À ANGLE 90° - SEUIL 30MM 2RAIL ET JAMBAGE JT18

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY	CORTE CUT
JT 12	PADIEIRA LINTREU LINTREAU	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 SEUIL	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 LATERAL TRANSVERSE SUP/INF	(L1-238)/2 (L2-250)/2	-	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	L1-36 L1-107 L2-36 L2-107	-	1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	(L1-86)/2 (L1-237)/2 (L2-99)/2 (L2-225)/2	H	1 1 1 1	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT UJANT 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	CORTE CUT
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	2L1 2L2	
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L1 2L2	
208307	PELUCIA 7x10 TRI-FIN PRETA PILE SEAL JOINT BRASSE	4L1 4L2	
208479	JUNTA TAPA CANAL PERFIL LIG. 2117 JT JOINT JOINT	H	
208435	JUNTA VD 2415 JOINT JOINT	H	

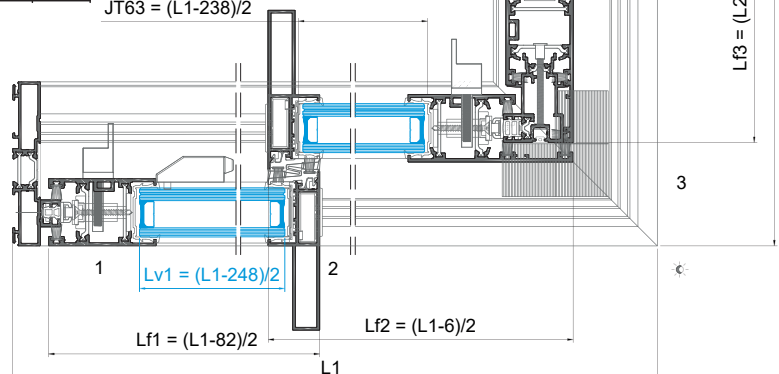
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY	CORTE CUT
205129	CARRINHO JT 180KG ROLLER ROULETTE	8	
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BRASSE CENTRALE D'ETANCHÉITÉ	2	
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BRASSE CENTRALE D'ETANCHÉITÉ BAS	5	
213287	CORTA-VENTO CANTO 90° JT 90° CORNER WATERPROOFING BRUSH BRASSE D'ETANCHÉITÉ ANGLE 90°	1	
223105	KIT JUNTAS ADESIVAS Nº1 JT KIT 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 LOW FRAME 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'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	
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUS CENTRAUX RENFORCÉ	4	
212109	CONJ. TOPOS CANTO 90° JT 90° CORNER END-CAPS KIT KIT D'EMBOUS POUR ANGLE 90°	1	
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE À VOLET EXTERIEUR	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 TRNG PROFILE STRIKING PLATE SHIM CALE POUR GÂCHE PROFILÉ DE LIAISON	2	
218198	CALÇO P/ MULTIPONTO SÓS JT MULTIPOINT HARDWARE SHIM CALE POUR MULTIPONT	18	
212371	CONJ. FIXAÇÃO JT FIXING KIT 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	
290052	PARAF DIN7982 PH 3,5x16 A2 SCREW VIS	DIVERSOS DIVERSES	
290158	PARAF PKI 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 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.



As fórmulas foram concebidas para medidas de vidros e travessas iguais.
Nesta tipologia existem 4 larguras de folha distintas: Lf1, Lf2, Lf3 e Lf4.
The formulas were designed for glasses and transoms 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 et les plateaux. Dans cette typologie, il existe 4 largeurs de feuilles distinctes: Lf1, Lf2, Lf3 et Lf4.

$$JT63 = (L1-238)/2$$

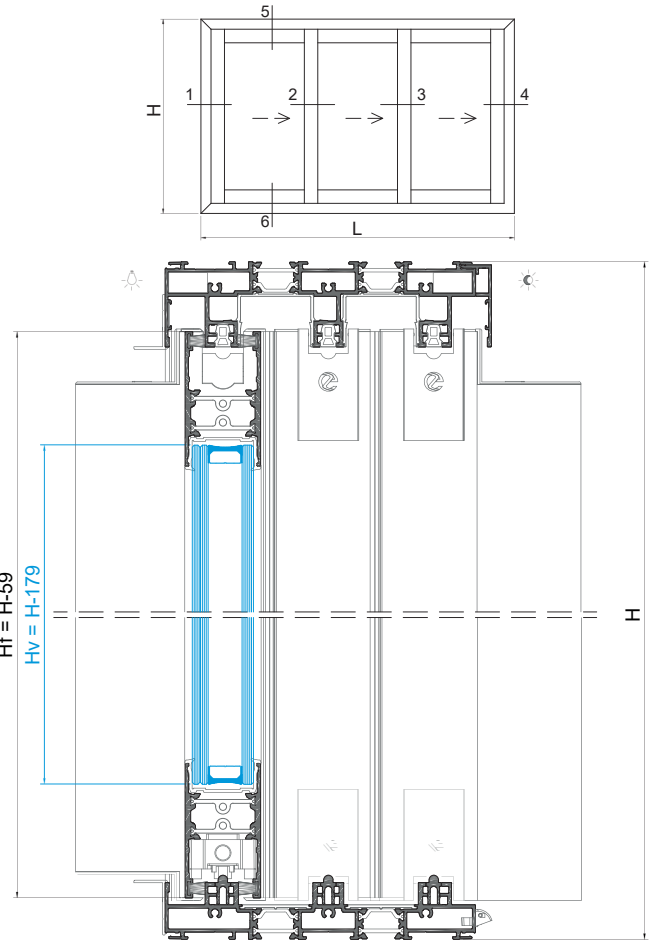


JANELA / PORTA DE CORRER 3 FOLHAS - SOLEIRA 30MM 3RAIL E OMBREIRA JT28
3 SASHES SLIDING WINDOW / DOOR - 3RAIL 30MM SILL AND JT28 JAMBAGE
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAUX - SEUIL 30MM 3RAIL ET JAMBAGE JT28

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 LIMEZ LIMEAU	L-38	-	1	
JT 28	OMBREIRA JAMBAGE	-	H	2	
JT 78	GUIA DA OMBREIRA JAMB GUIDE GUIDE POUR JAMBAGE	-	H-74	2	
JT 23	SOLEIRA SILL SEUIL	L-38	-	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 TRANSOM TRAVERSE 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 2+4	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	L-38	-	2	

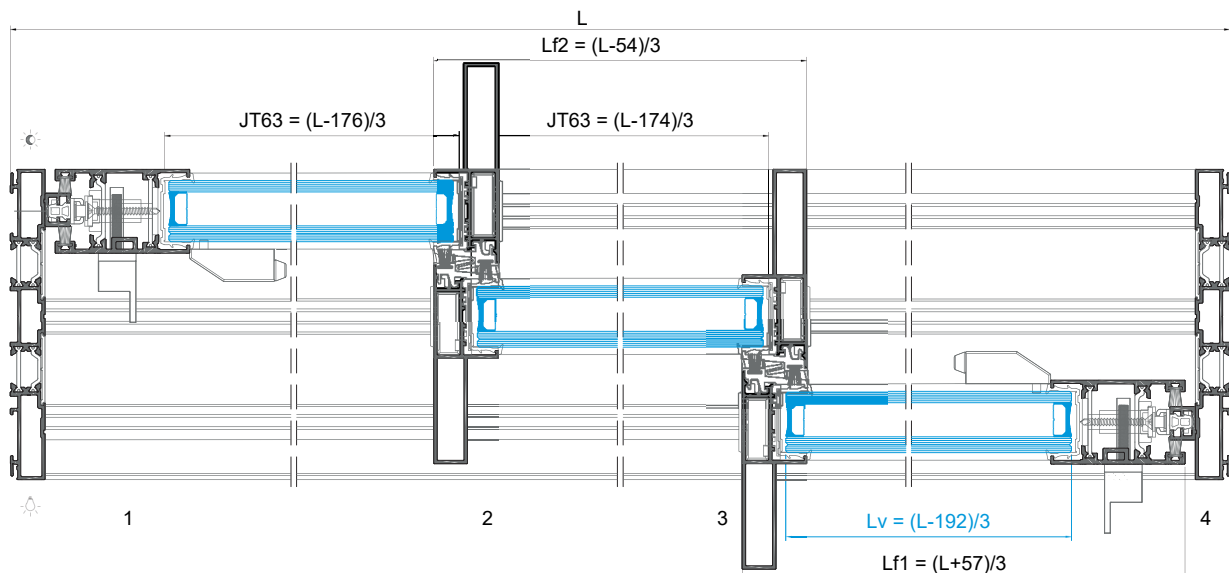
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITE
205129	CARRINHO JT 180KG ROLLER ROULETTE	6
213286	CORTA-VENTO JT CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ	2
213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223106	KIT JUNTAS ADESIVAS Nº2 JT JT Nº2 ADHESIVE JOINTS KIT KIT DE JOINTS ADHÉSIFS Nº2 JT	1
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	4
212339	CONJ. TAMPAS TOPOS CENTRAIS JT CENTRAL END-CAP COVERS KIT KIT DE COUVERTURE POUR EMBOUTS CENTRAUX	4
212456	CONJ. TOPOS CENTRAL REFORÇ. JT54 CENTRAL REINFORCED END-CAPS KIT KIT D'EMBOUS CENTRAUX RENFORCÉ	4
210268	GOTEIRA OCULTA C/ VALV. SVE OUTSIDE FLAP VALVE CLAPE 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'EMBOUS 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
290158	PARAF PKI 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 e travessas iguais.
Nesta tipologia existem 2 larguras de folha distintas: Lf1 e Lf2.
The formulas were designed for glasses and transoms with equal measures.
In this typology there are 2 distinct sash widths: Lf1 and Lf2.
Les formules sont conçues pour mesurer le verre et les plateaux. Dans cette typologie, il existe 2 largeurs de feuilles 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 BROSE	4L + 8H

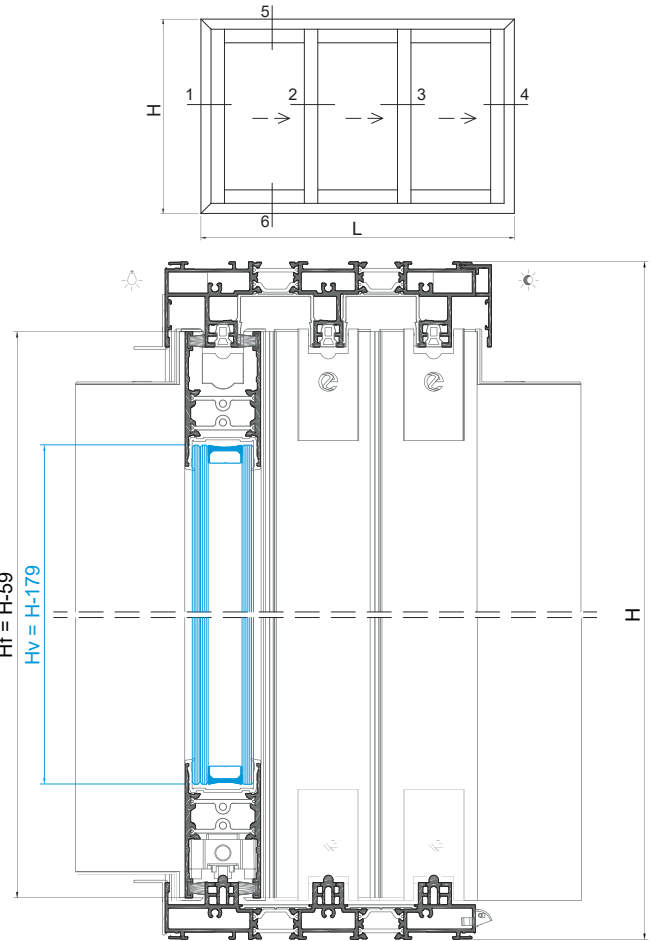


JANELA / PORTA DE CORRER 3 FOLHAS - SOLEIRA 30MM 3RAIL E OMBREIRA JT27/JT29
3 SASHES SLIDING WINDOW / DOOR - 3RAIL 30MM SILL AND JT27/JT29 JAMBAGE
FENÊTRE / PORTE-FENÊTRE COULISSANT 3 VANTAUX - SEUIL 30MM 3RAIL ET JAMBAGE JT27/JT29

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 13	PADIEIRA LIMTEL LIMTEAU	L-38	-	1	
JT 27	OMBREIRA JAMB JAMBAGE	-	H	1	
JT 29	OMBREIRA JAMB JAMBAGE	-	H	1	
JT 23	SOLEIRA SILL SEUIL	L-38	-	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/LWP TRANSOM TRAVERSE SUP/INF	(L-172)/3 (L-170)/3	-	4 2	
JT 82	PERFIL PINGADEIRA GSP PROFILE L'ARMIER	L-4	-	1	
JT 87	GUIA GUIDE GUIDE	L-49 L-38	-	2 1	
JE 96	PERFIL POLIAMIDA POLYAMIDE PROFILE PROFILÉ DE POLYAMIDE	(L-31)/3 (2L-183)/3	H	2 + 4 2 + 4	
208346	JUNTA CENTRAL 2196 CENTRAL JOINT JOINT CENTRALE	-	H-59	4	
215305	PERFIL PVC U U PVC PROFILE PROFILÉ PVC U	L-38	-	2	

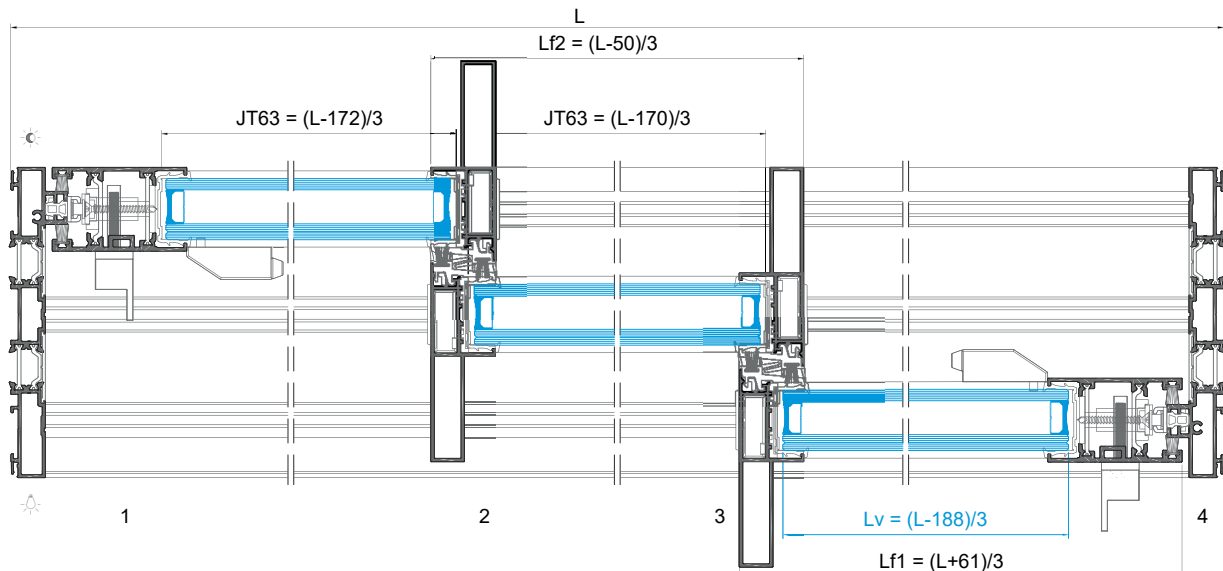
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ
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213288	CORTA-VENTO BAIXO JT LOW CENTRAL WATERPROOFING BRUSH BROSSE CENTRALE D'ÉTANCHÉITÉ BAS	2
223106	KIT JUNTAS ADESIVAS Nº2 JT JT Nº2 ADHESIVE JOINTS KIT KIT DE JOINTS ADHÉSIFS Nº2 JT	1
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
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212371	CONJ. FIXAÇÃO JT FIXING KIT KIT FIXATION	12
200819	PUXADOR SLIM XS - ESQUERDO LEFT HANDLE POIGNÉE GAUCHE	1
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212384	CONJ. TOPOS LAT. PINGADEIRA JT82 LATERAL INNER END-CAPS KIT KIT D'EMBOUTS LATÉRAUX POUR REJET D'EAU	1
228107	LIMITADOR ABERT. PQ SERIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	2
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290158	PARAF PKI 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

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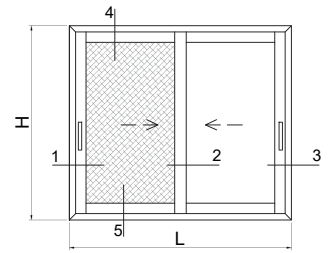


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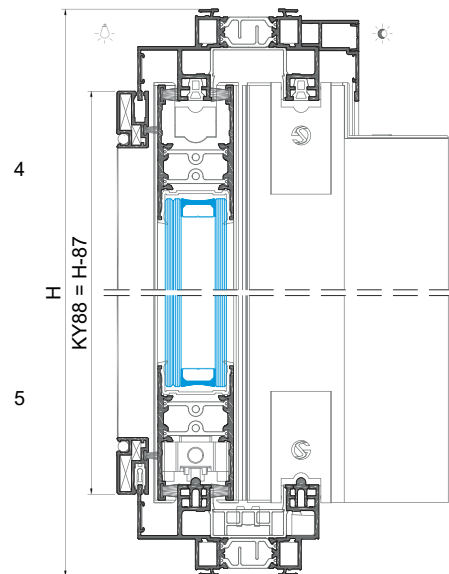
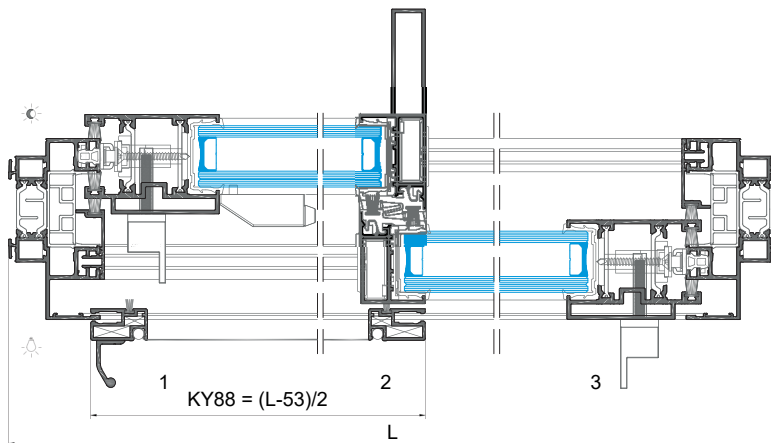
VEDANTES SEALS JOINTS		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANT. QUANTITY QUANTITÉ
208348	JUNTA TAPA CANAL 2116 JT JOINT JOINT	3L + 2H
208099	JUNTA VIDRO U 1032 CX 32MM JT GLAZING GASKET JOINT DE VITRAGE	2L + 6H
208307	PELUCIA 7x10 TRI-FIN PRETA FILE SEAL JOINT BROSSÉ	4L + 8H



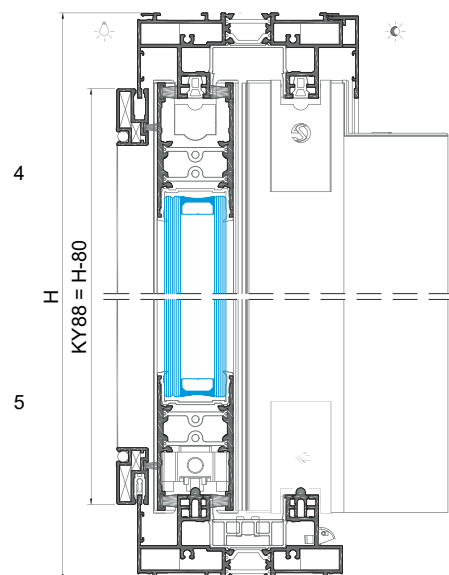
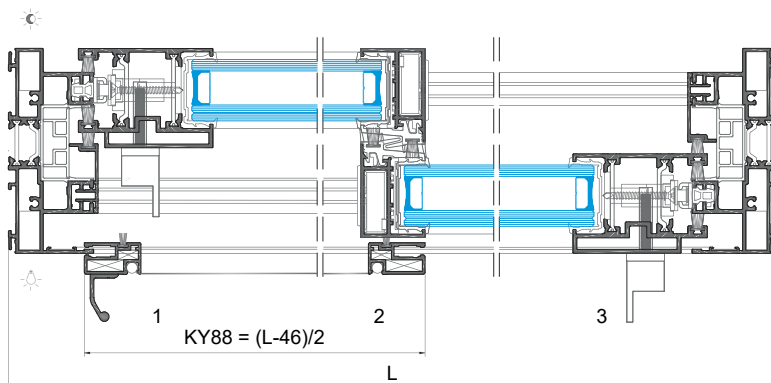
JANELA / PORTA DE CORRER COM MOSQUITEIRA INTERIOR - 2RAIL
 SLIDING WINDOW / DOOR WITH INNER MOSQUITO NET - 2RAIL
 FENÊTRE / PORTE-FENÊTRE COULISSANT AVEC MOSQUITAIRE INTÉRIEUR - 2RAIL



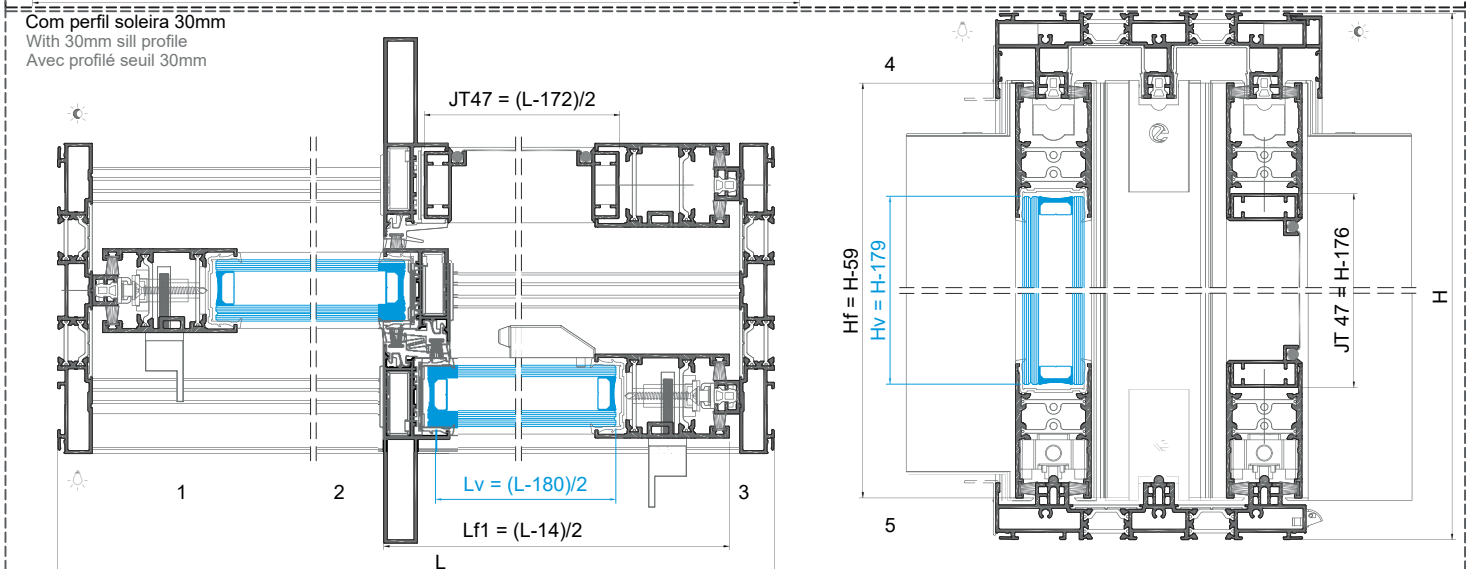
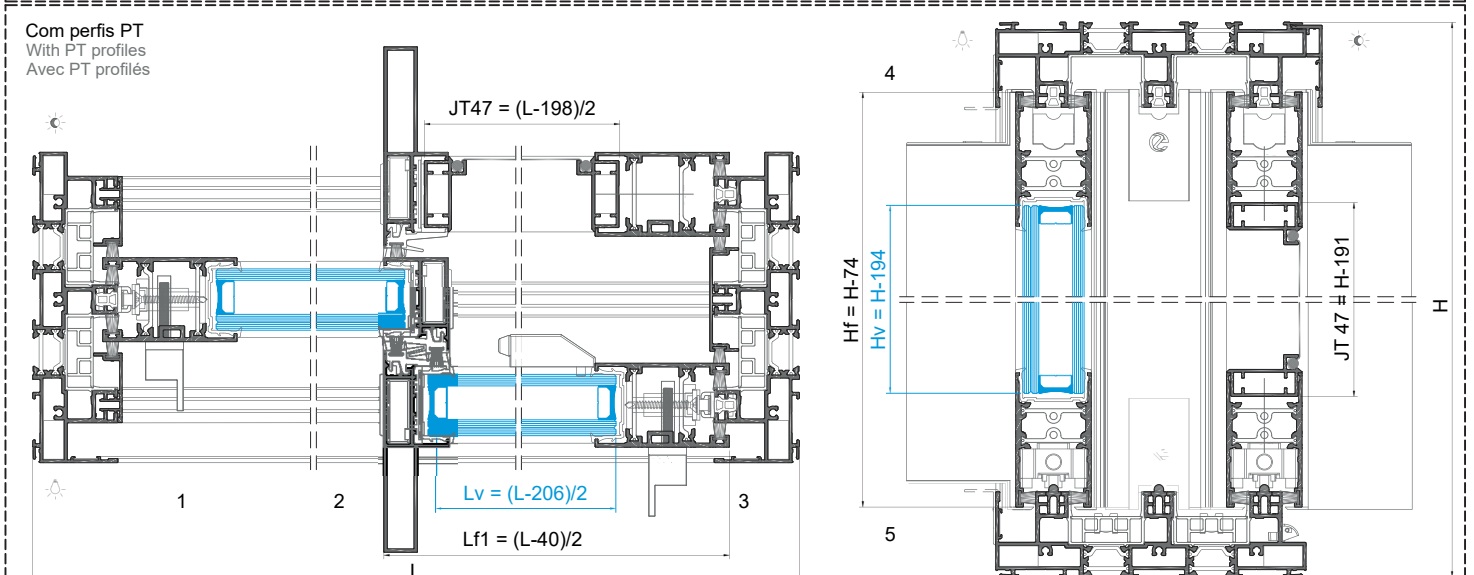
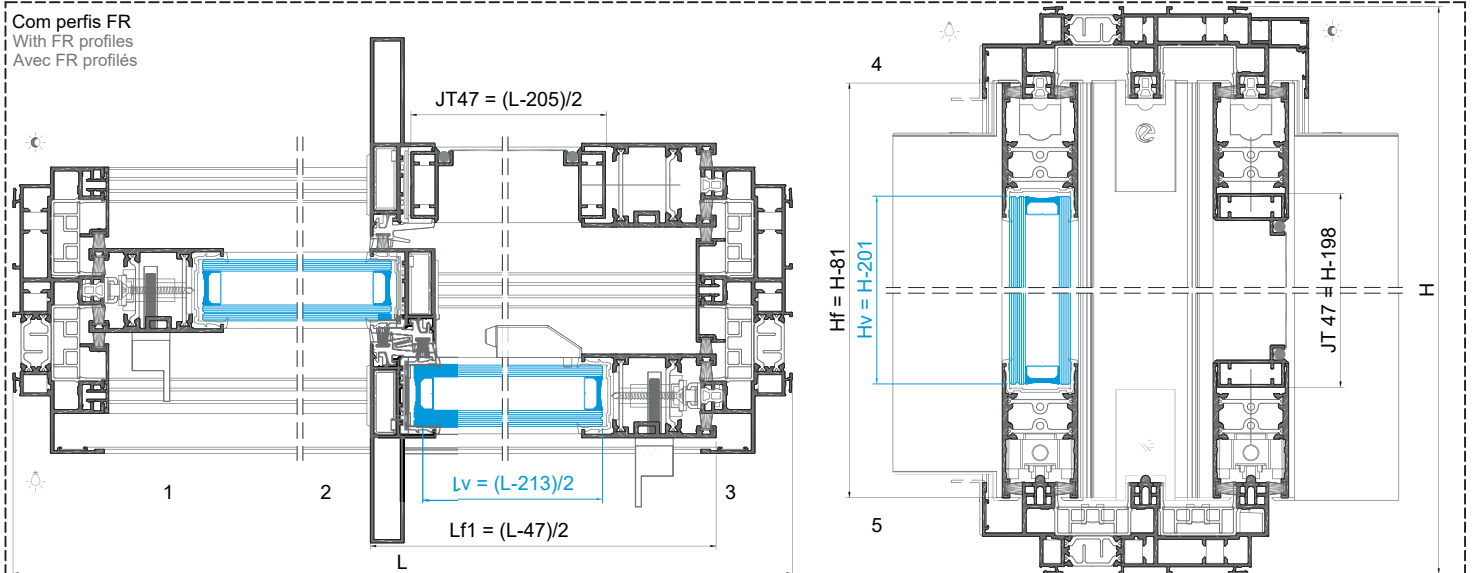
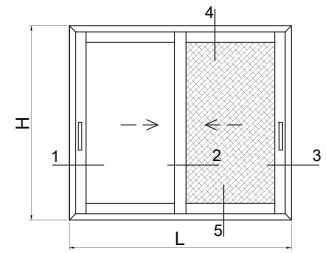
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 With FR profiles | Avec FR profilés



Com perfis PT
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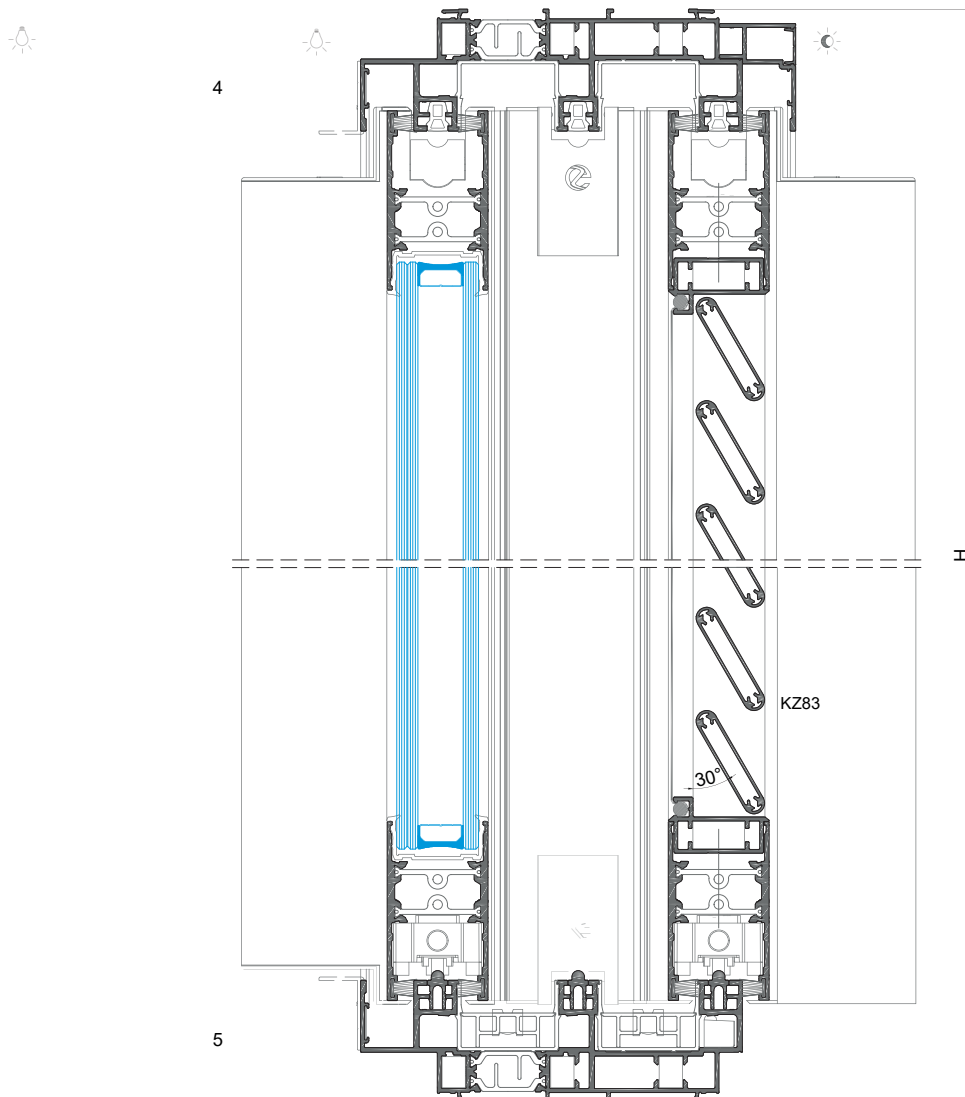
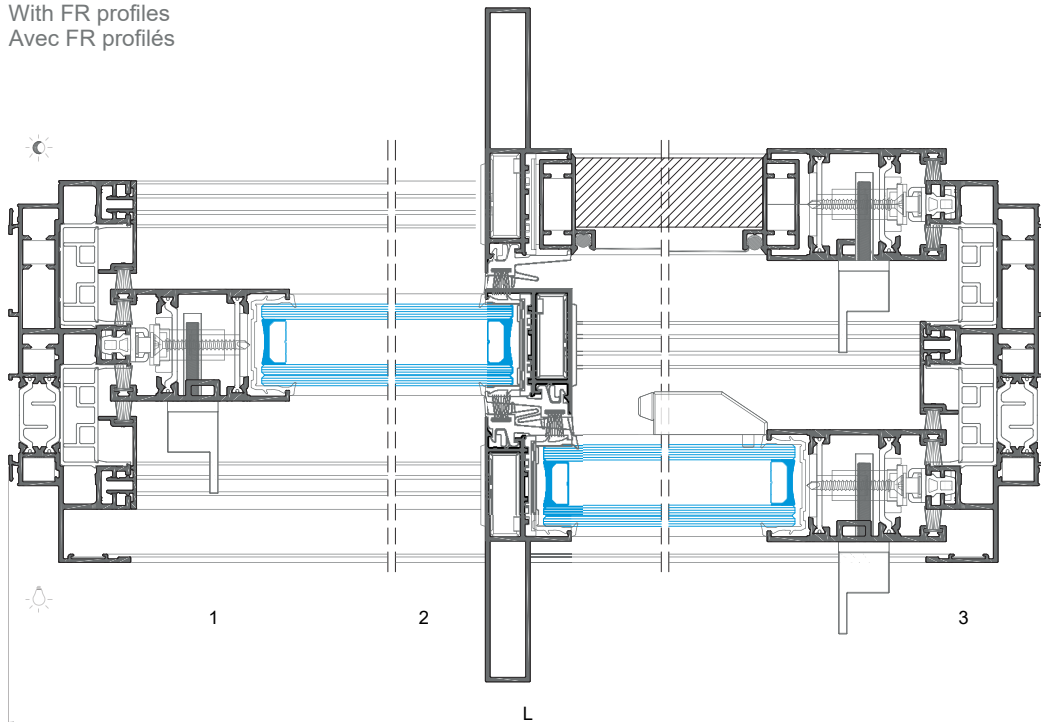


JANELA / PORTA DE CORRER COM MOSQUITEIRA EXTERIOR - 3RAIL
 SLIDING WINDOW / DOOR WITH OUTER MOSQUITO NET - 3RAIL
 FENÊTRE / PORTE-FENÊTRE COULISSANT AVEC MOSQUITAIRE EXTÉRIEUR - 3RAIL

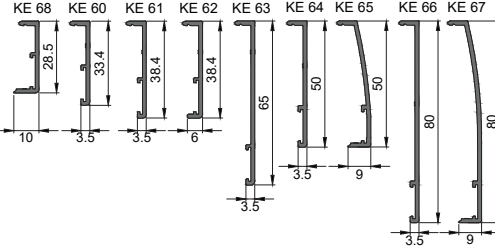
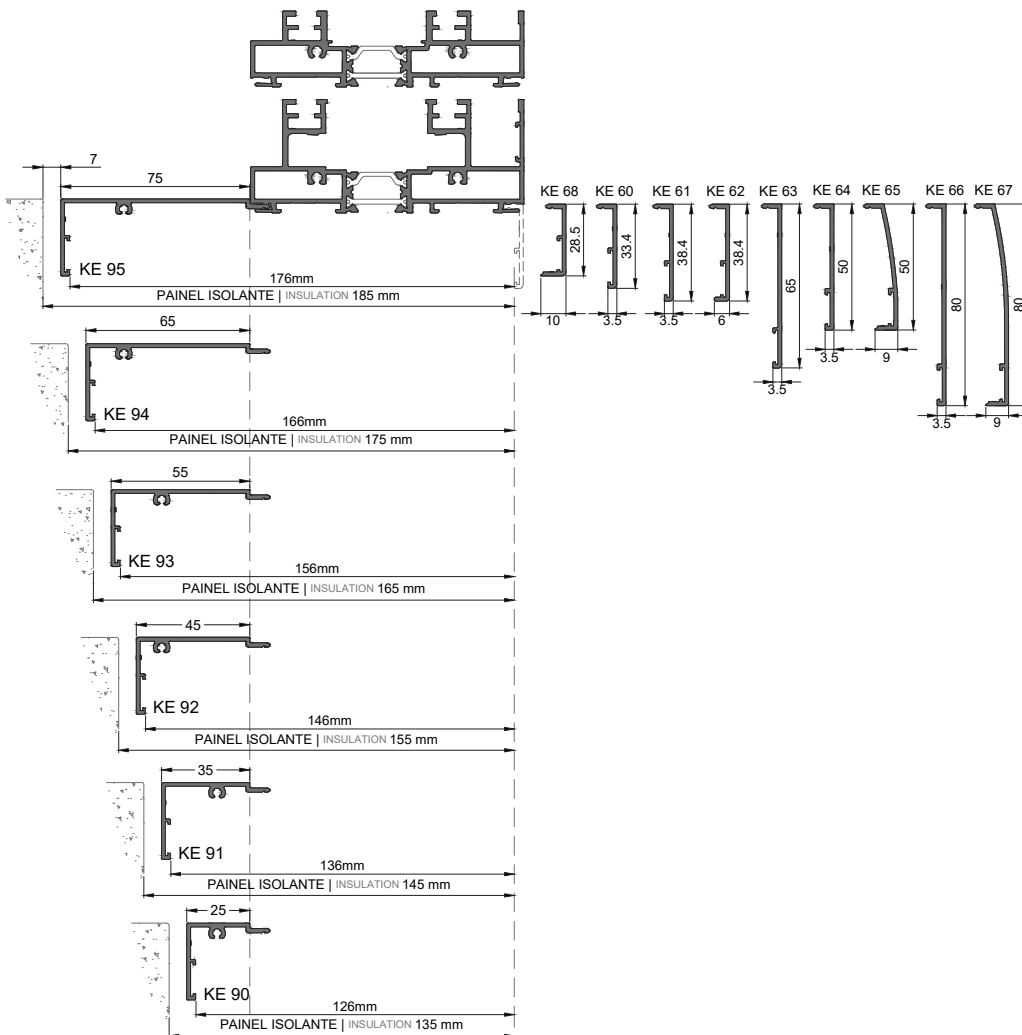
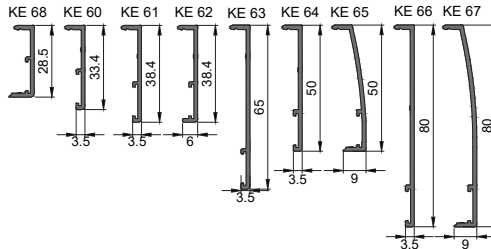
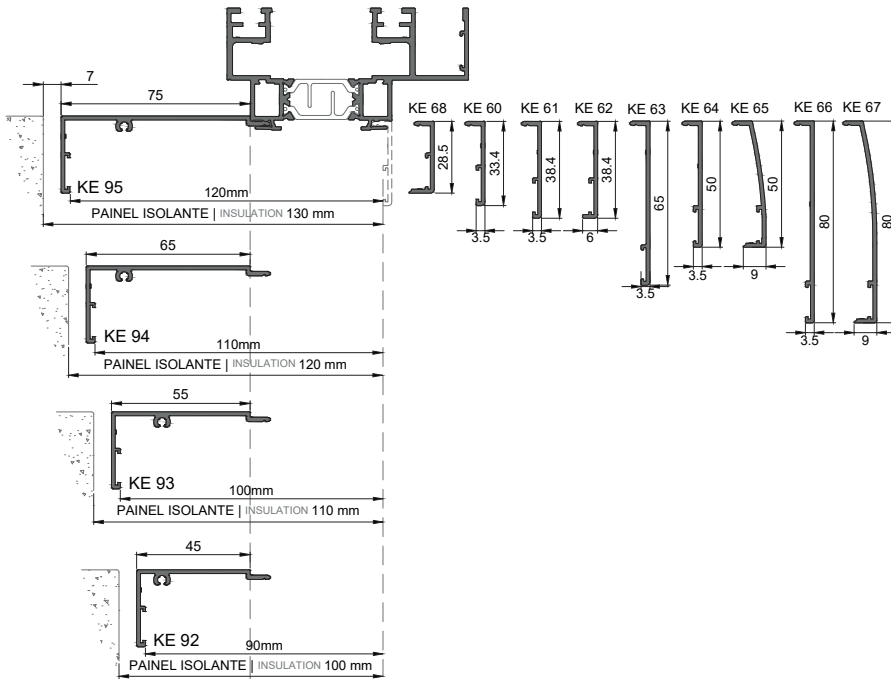


JANELA / PORTA DE CORRER COM PORTADA EXTERIOR - 3RAIL
 SLIDING WINDOW / DOOR WITH OUTER SHUTTER - 3RAIL
 FENÊTRE / PORTE-FENÊTRE COULISSANT AVEC VOLET EXTÉRIEUR - 3RAIL

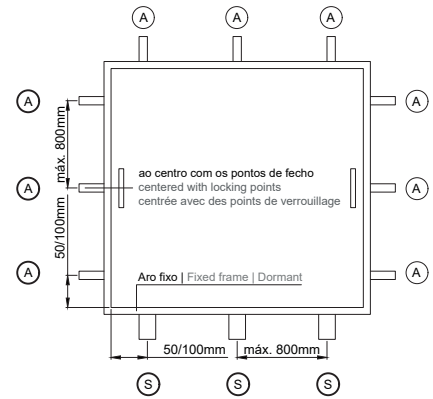
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 With FR profiles
 Avec FR profilés



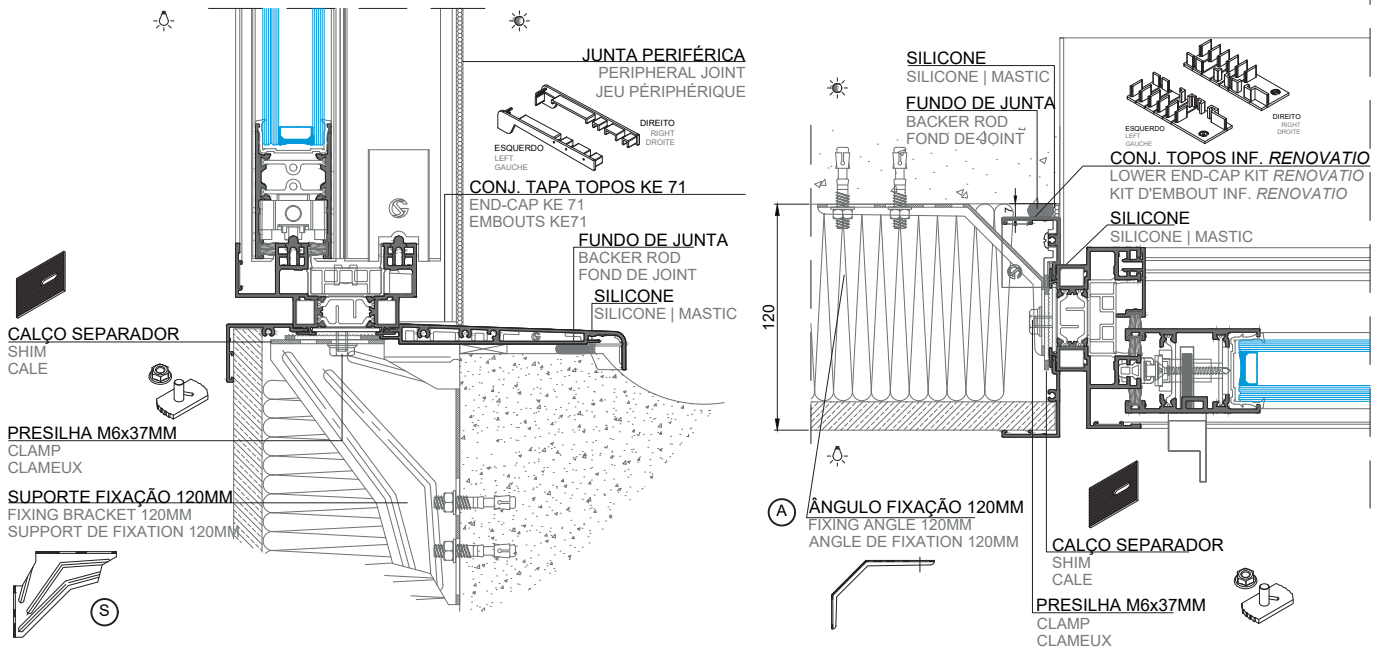
APLICAÇÃO DAS PEÇAS DE FIXAÇÃO **RENOVATIO**
RENOVATIO FIXING PARTS APPLICATION
 APPLICATION DES PIÈCES DE FIXATION **RENOVATIO**



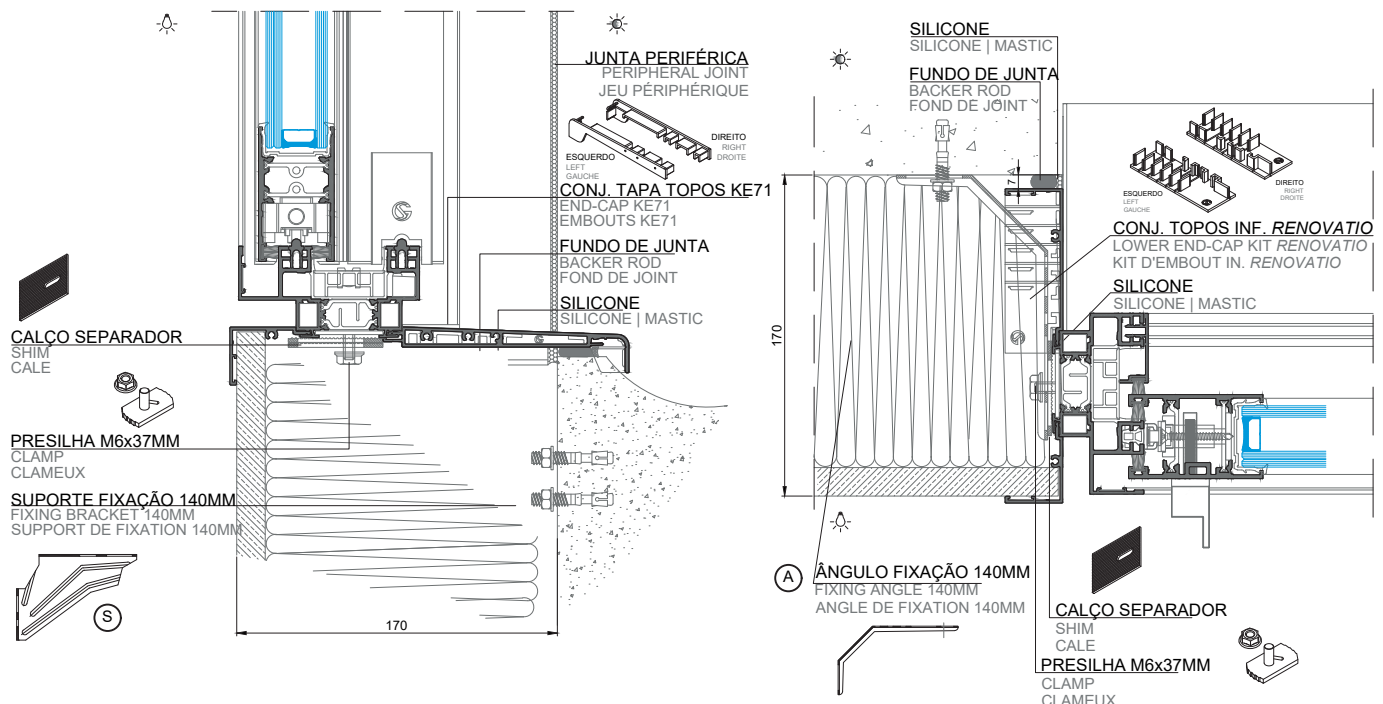
APLICAÇÃO DAS PEÇAS DE FIXAÇÃO RENOVATIO
RENOVATIO FIXING PARTS APPLICATION
APPLICATION DES PIÈCES DE FIXATION RENOVATIO



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

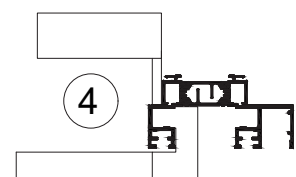
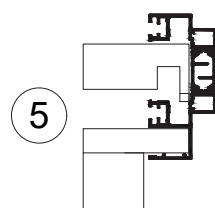
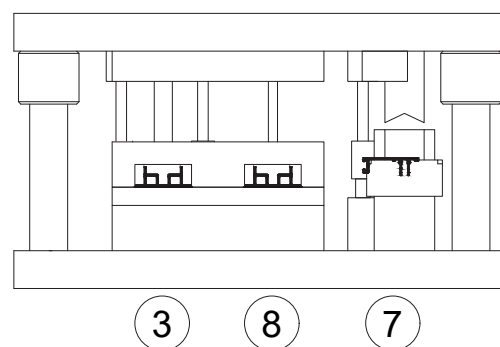
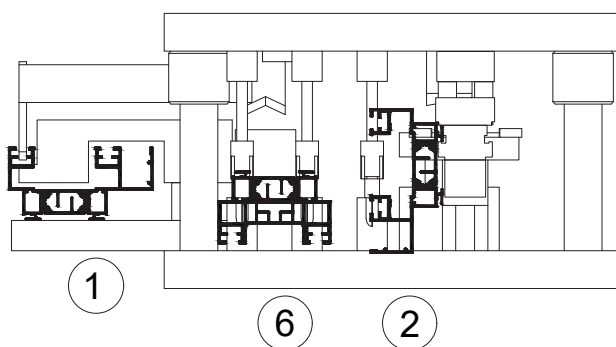
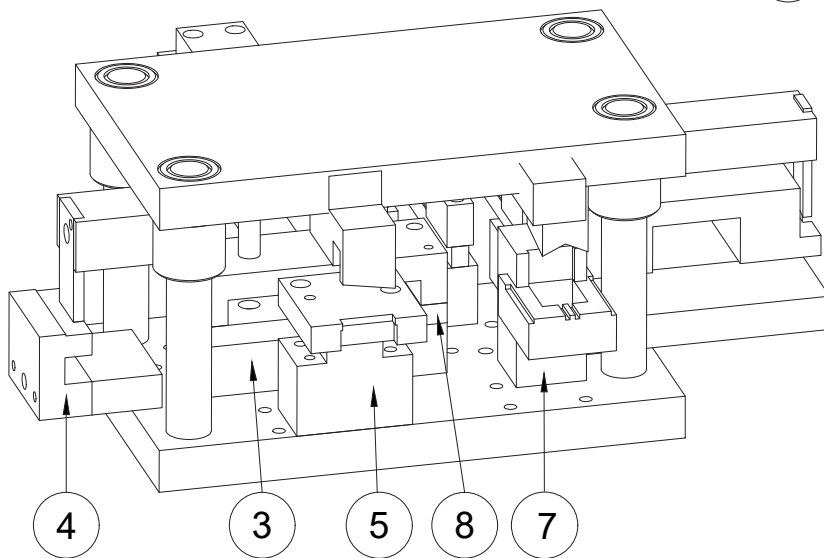
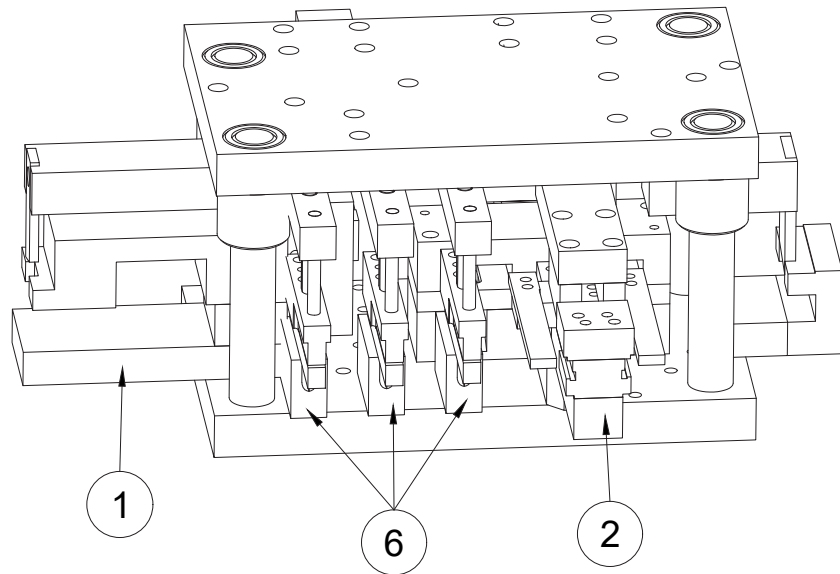
MAQUINAÇÕES NOS CORTANTES MACHINING OPERATIONS ON THE PUNCHING TOOLS OPÉRATIONS D'USINAGE POUR OUTILS	V.1
MAQUINAÇÃO DOS PERFIS ARO FIXO FR E PT (CORTE 45°) FR AND PT FIXED FRAME PROFILES MACHINING (45° CUT) USINAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)	V.2
MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO 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
DRENAGENS POR TIPOLOGIA DRAINAGE BY FRAME TYPOLOGY DRAINAGE PAR TYPOLOGIE	V.4
MAQUINAÇÕES DOS PERFIS ARO MÓVEL MOBILE FRAME PROFILES MACHINING USINAGE DES PROFILÉS OUVRANT	V.5

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

1 - Cortante aros fixos FR.

FR fixed frames punching tool.

Outil dormant FR.



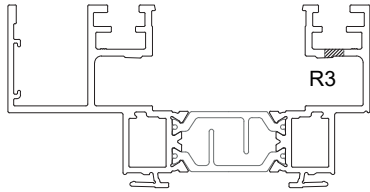
MAQUINAÇÕES NOS CORTANTES
MACHINING OPERATIONS ON THE PUNCHING TOOLS
OPÉRATIONS D'USINAGE POUR OUTILS

1 - Cortante aros fixos FR.

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Outil dormant FR.

1 - Saída de águas

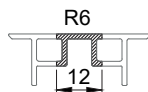
Water drainage | Sortie des eaux



Rasgo | Hole | Rainure R3: 5x20mm

3 - Saída de águas

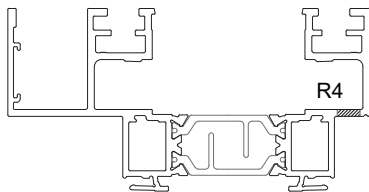
Water drainage | Sortie des eaux



Furo | Hole | Trou R6: Ø12mm

4 - Saída de águas

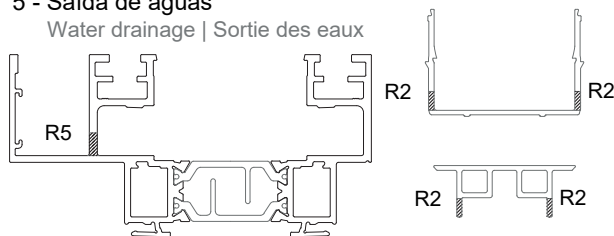
Water drainage | Sortie des eaux



Rasgo | Hole | Rainure R4: 6x35mm

5 - Saída de águas

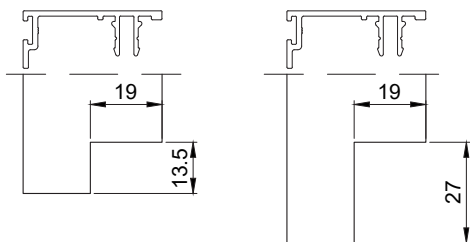
Water drainage | Sortie des eaux



Rasgo | Hole | Rainure R2: 6x35mm
Rasgo | Hole | Rainure R5: 6x35mm

7 - Rasgo para perfis capa

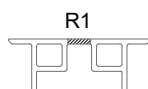
Cover profiles milling | Rainure pour profilés de couverture



Perfis | Profiles | Profilés JT85 e | and | et JT 88

8 - Saída de águas

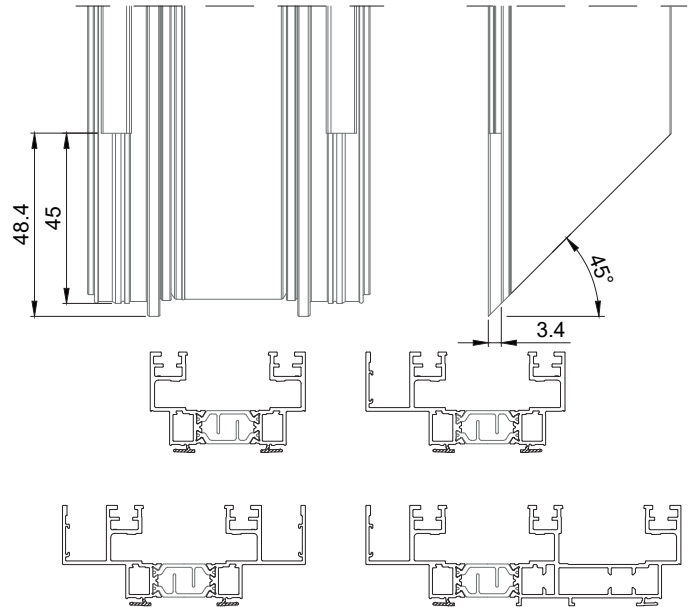
Water drainage | Sortie des eaux



Rasgo | Hole | Rainure R1: 6x30mm

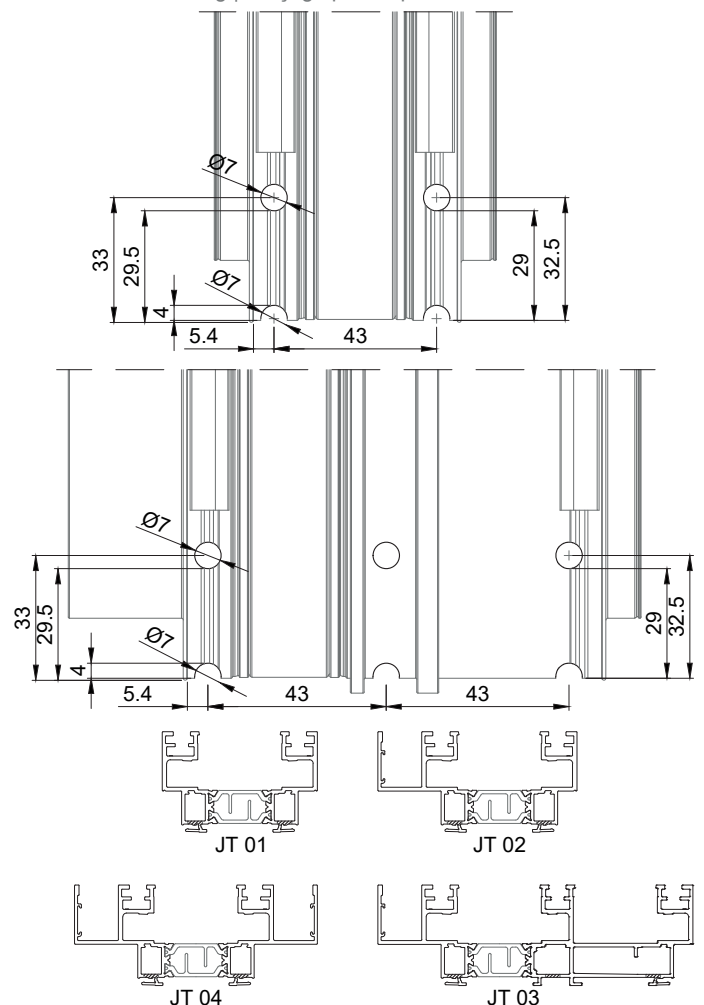
2 - Corte da aba do perfil nas esquadrias

Profiles milling | Coupe du rabat du profilé sur les profilés



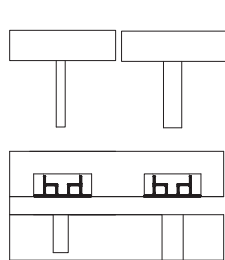
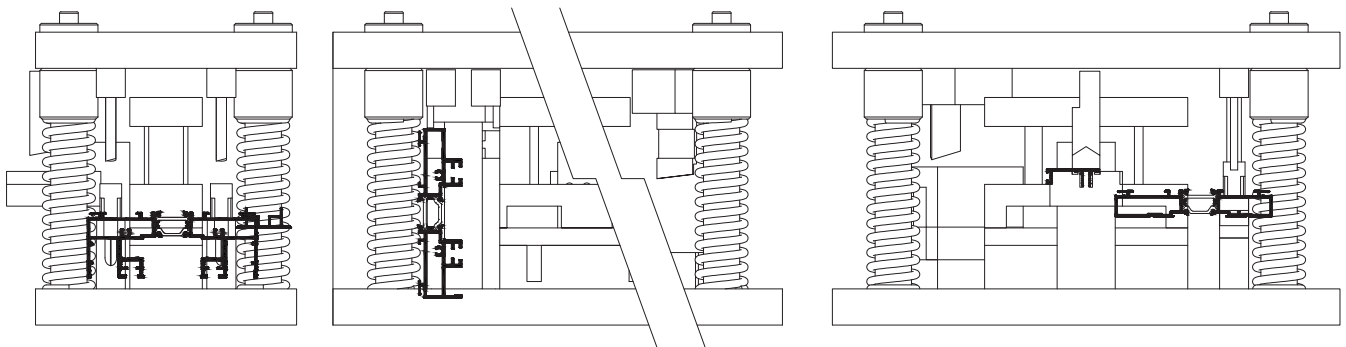
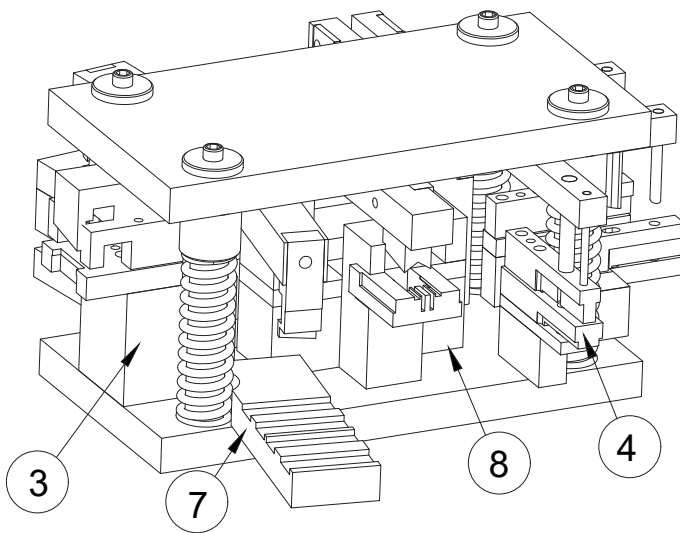
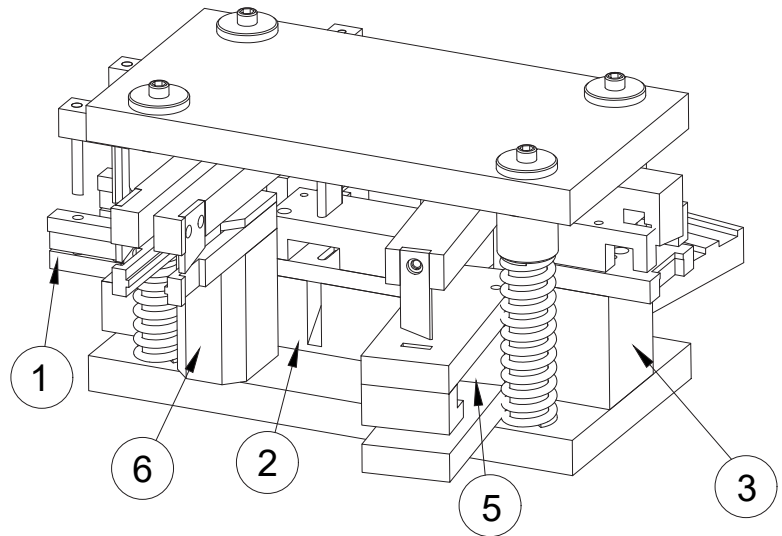
6 - Furação para esquadros

Corner cleat drilling | Perçage pour équerres

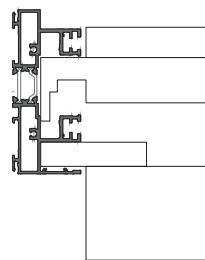


MAQUINAÇÕES NOS CORTANTES
MACHINING OPERATIONS ON THE PUNCHING TOOLS
OPÉRATIONS D'USINAGE POUR OUTILS

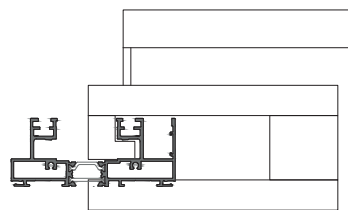
2 - Cortante aros fixos PT.
PT fixed frames punching tool.
Outil dormant PT.



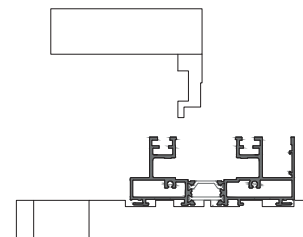
2



3



5



7

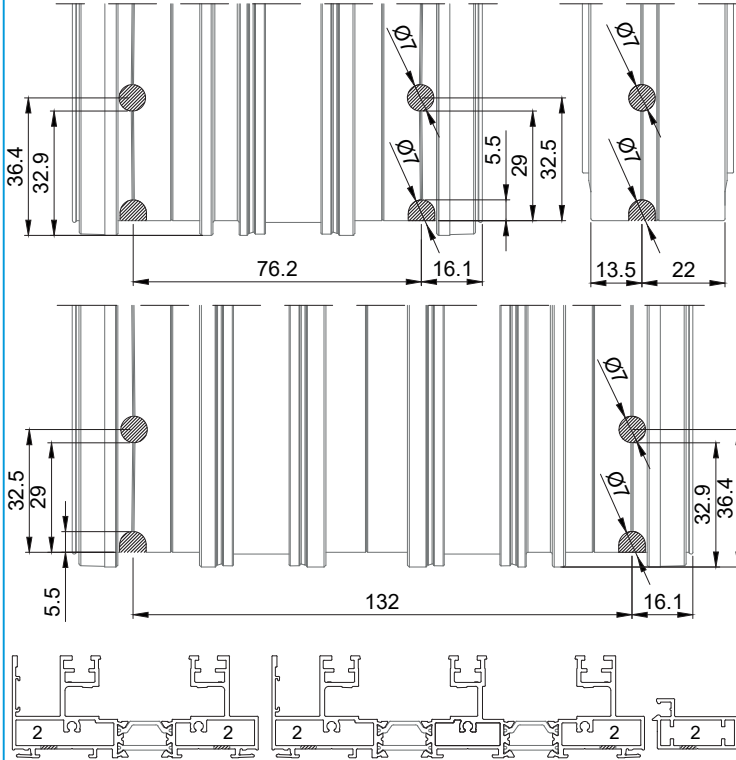
MAQUINAÇÕES NOS CORTANTES
MACHINING OPERATIONS ON THE PUNCHING TOOLS
OPÉRATIONS D'USINAGE POUR OUTILS

2 - Cortante aros fixos PT.

PT fixed frames punching tool.
Outil dormant PT.

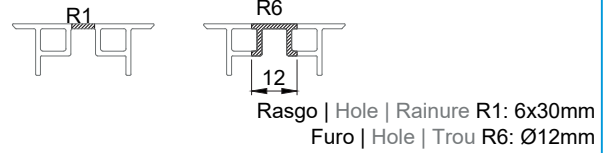
1 - Maquinação para esquadro

Corner cleat drilling | Perçage pour équerres



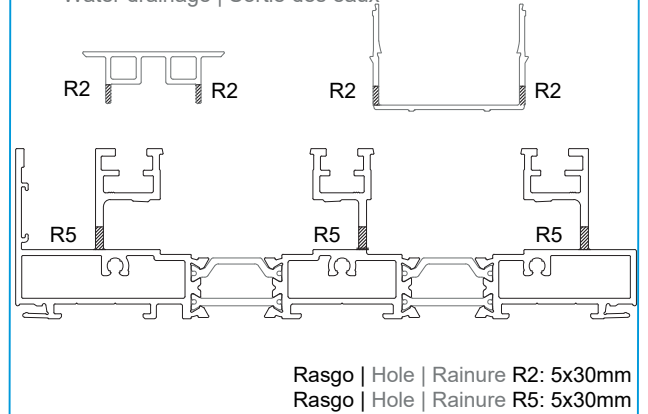
2 - Saída de águas

Water drainage | Sortie des eaux



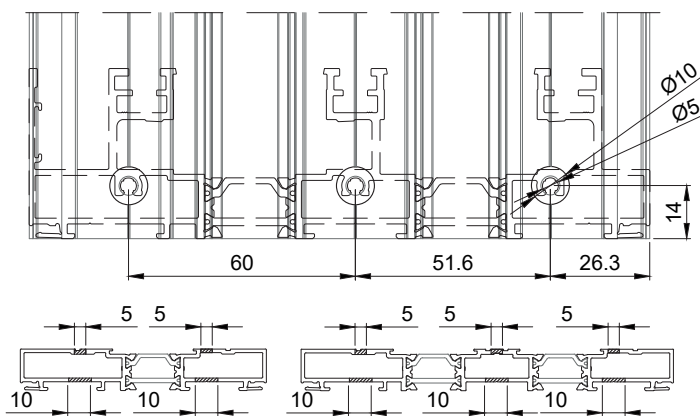
3 - Saída de águas

Water drainage | Sortie des eaux



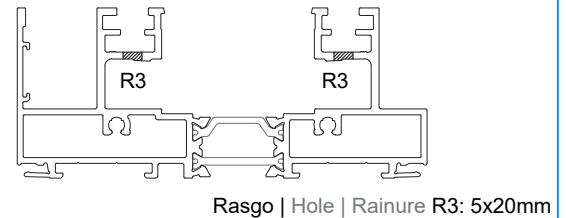
4 - Furação de ombreiras (corte a 90°)

Jamb drilling (90° cut) | Perçage de jambages (coupe à 90°)



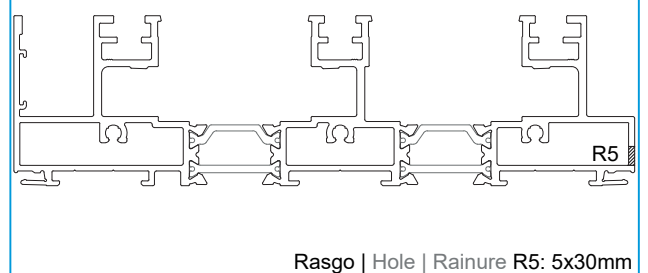
5 - Saída de águas

Water drainage | Sortie des eaux



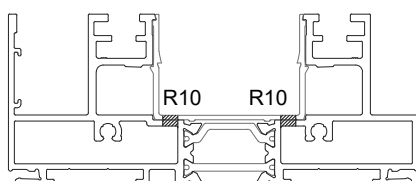
6 - Saída de águas

Water drainage | Sortie des eaux



7 - Saída de águas

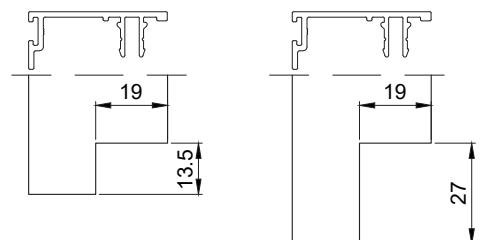
Water drainage | Sortie des eaux



Rasgo | Hole | Rainure R10: 4x25mm

8 - Rasgo para perfis capa

Cover profiles milling | Rainure pour profilés de couverture

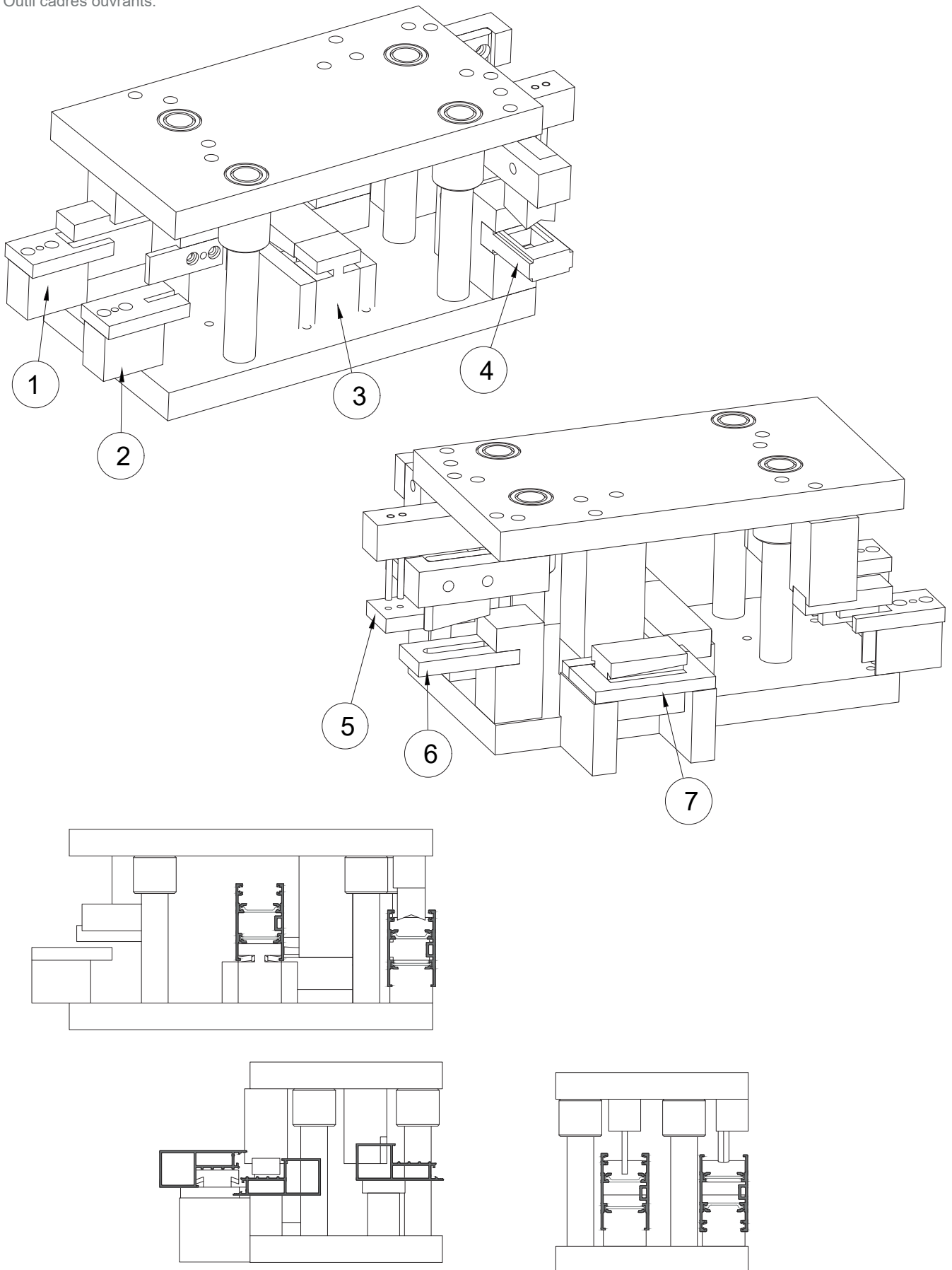


Perfis | Profiles | Profilés JT85 e | and | et JT 88

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

3 - Cortante folhas.

Mobile frames punching tool.
Outil cadres ouvrants.



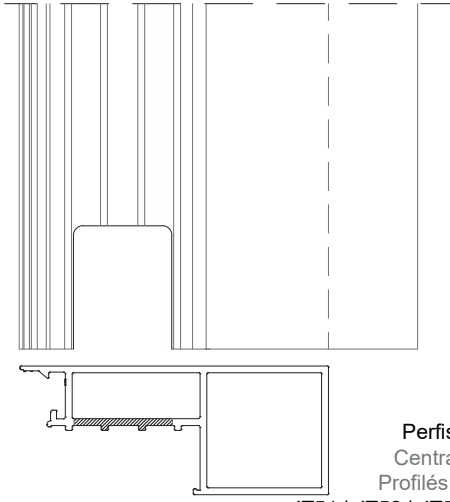
MAQUINAÇÕES NOS CORTANTES
MACHINING OPERATIONS ON THE PUNCHING TOOLS
OPÉRATIONS D'USINAGE POUR OUTILS

3 - Cortante folhas.

Mobile frames punching tool.
Outil cadres ouvrants.

1 - Entalhe para topo central

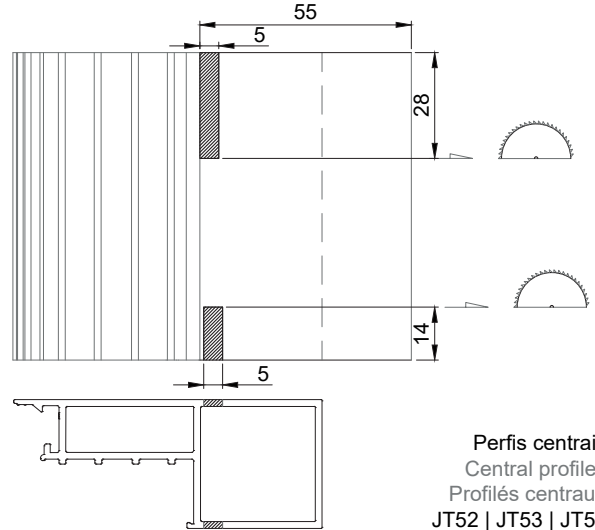
Central end-cap milling | Fraisage pour embout central



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

2 - Fresagem no tubular de reforço

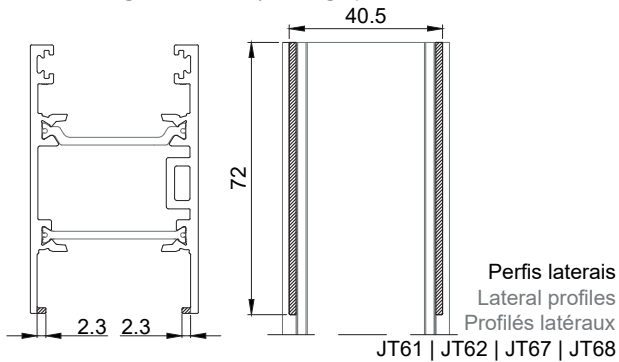
Reinforcement tubular milling | Fraisage dans le tubulaire de renfort



Perfis centrais
Central profiles
Profils centraux
JT52 | JT53 | JT54

3 - Maquinação para travessa

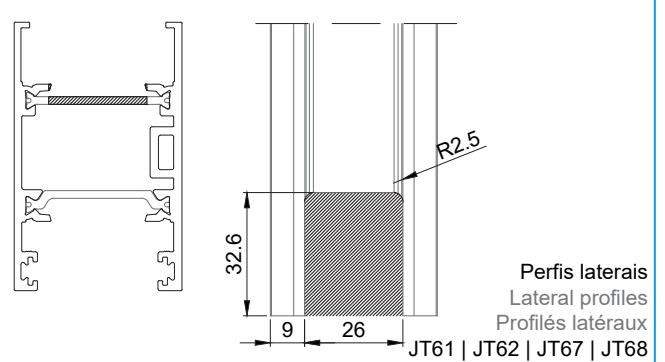
Machining for transom | Usinage pour traverse



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

4 - Entalhe para topo lateral

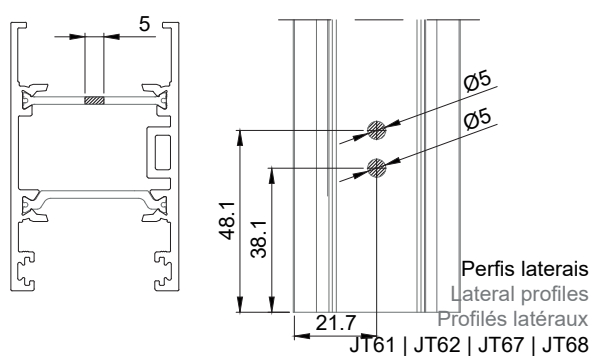
Lateral end-cap milling | Fraisage pour embout latéral



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

5 - Furação para topo lateral

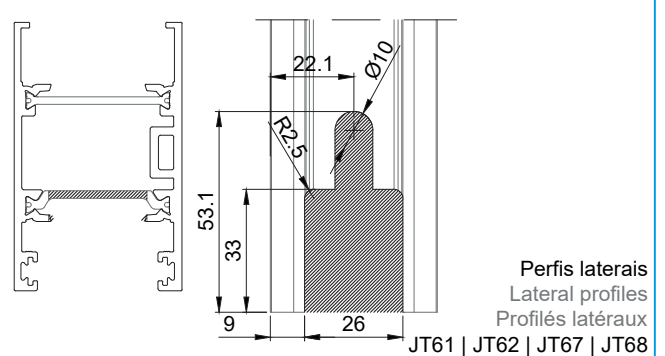
Lateral end-cap drilling | Perçage pour embout latéral



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

6 - Entalhe para topo lateral

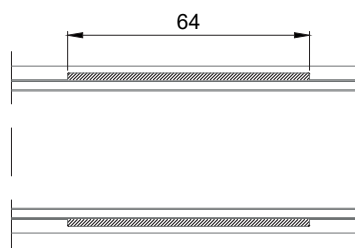
Lateral end-cap milling | Fraisage pour embout latéral



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

7 - Maquinação para travessa

Machining for transom | Usinage pour traverse



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

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

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

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

Fixed frame profiles and U PVC profile cutting.

Découpe de 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.

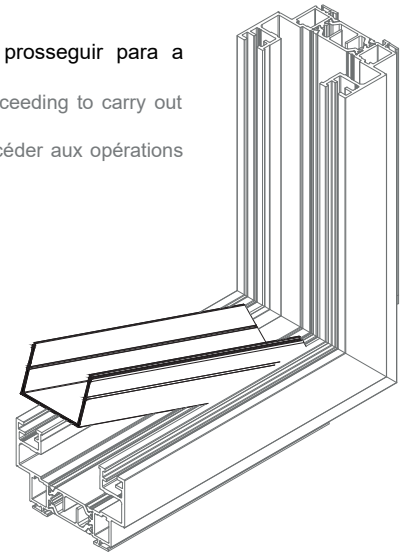
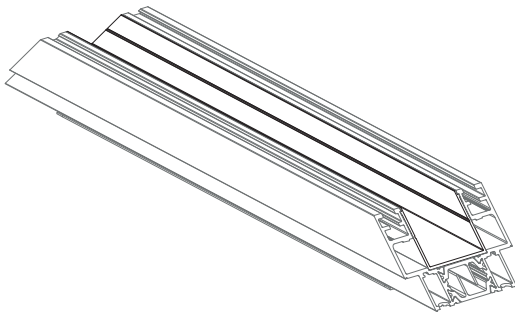
Découper simultanément les profilés pour le dormant et le profilé PVC U en barres de 6,5m.

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.

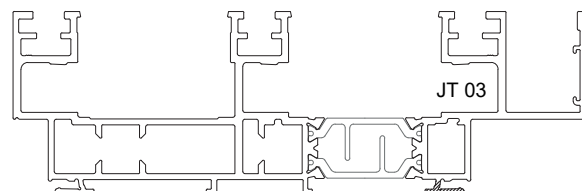
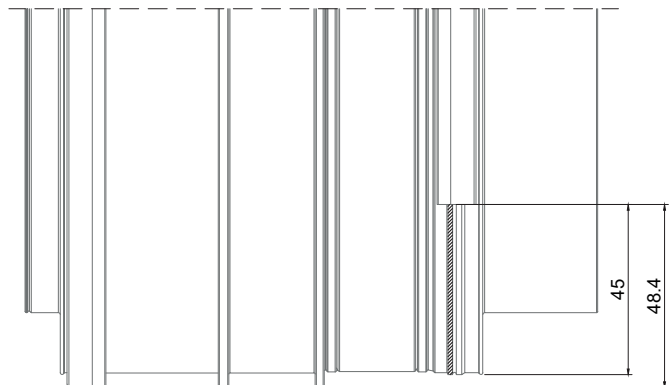
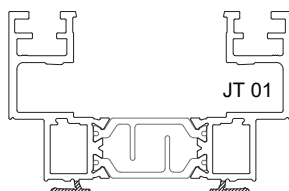
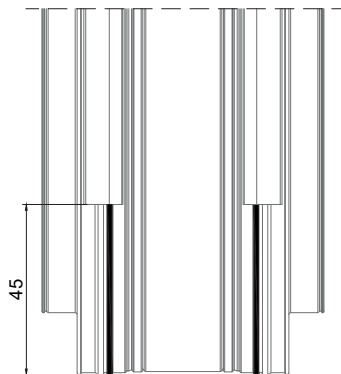
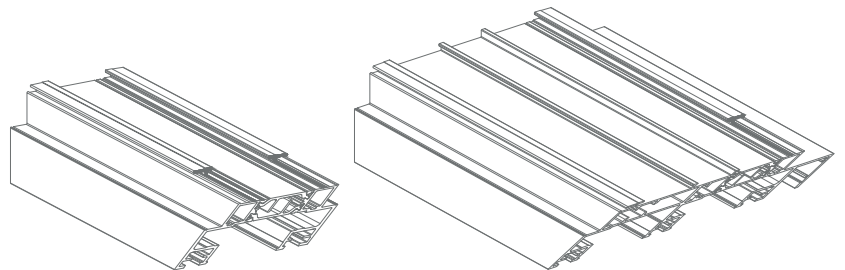
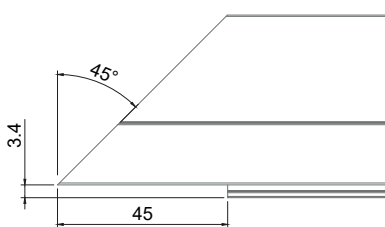
Usinage des profilés dormant. Suivre cette procédure sur tous les profilés dormant FR.

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.



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

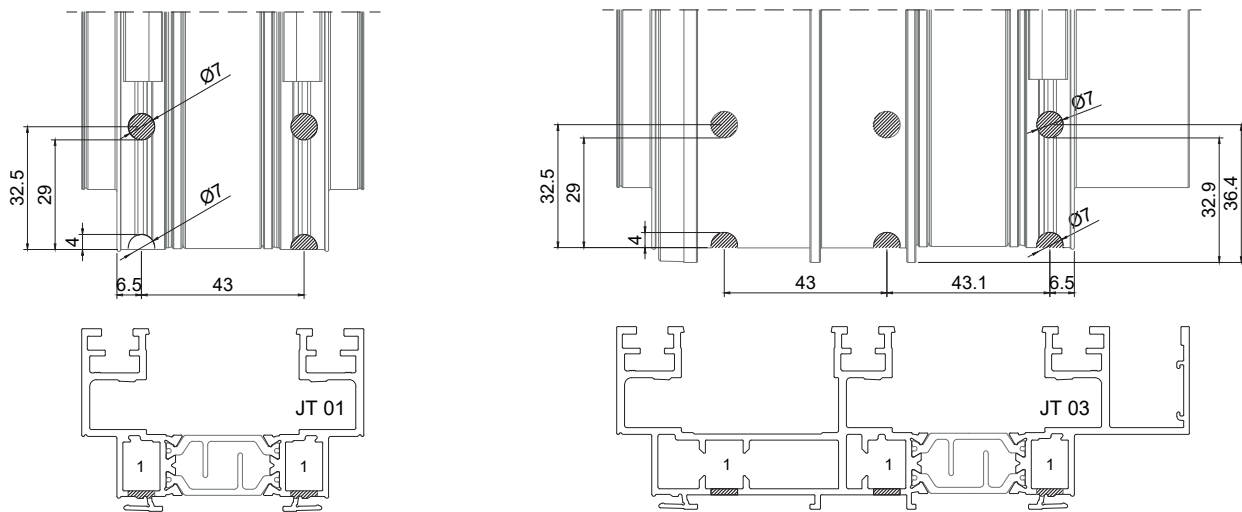
FR E PT FIXED FRAME PROFILES MACHINING (45° CUT)

USINAGE DES PROFILÉS DORMANT FR ET PT (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.

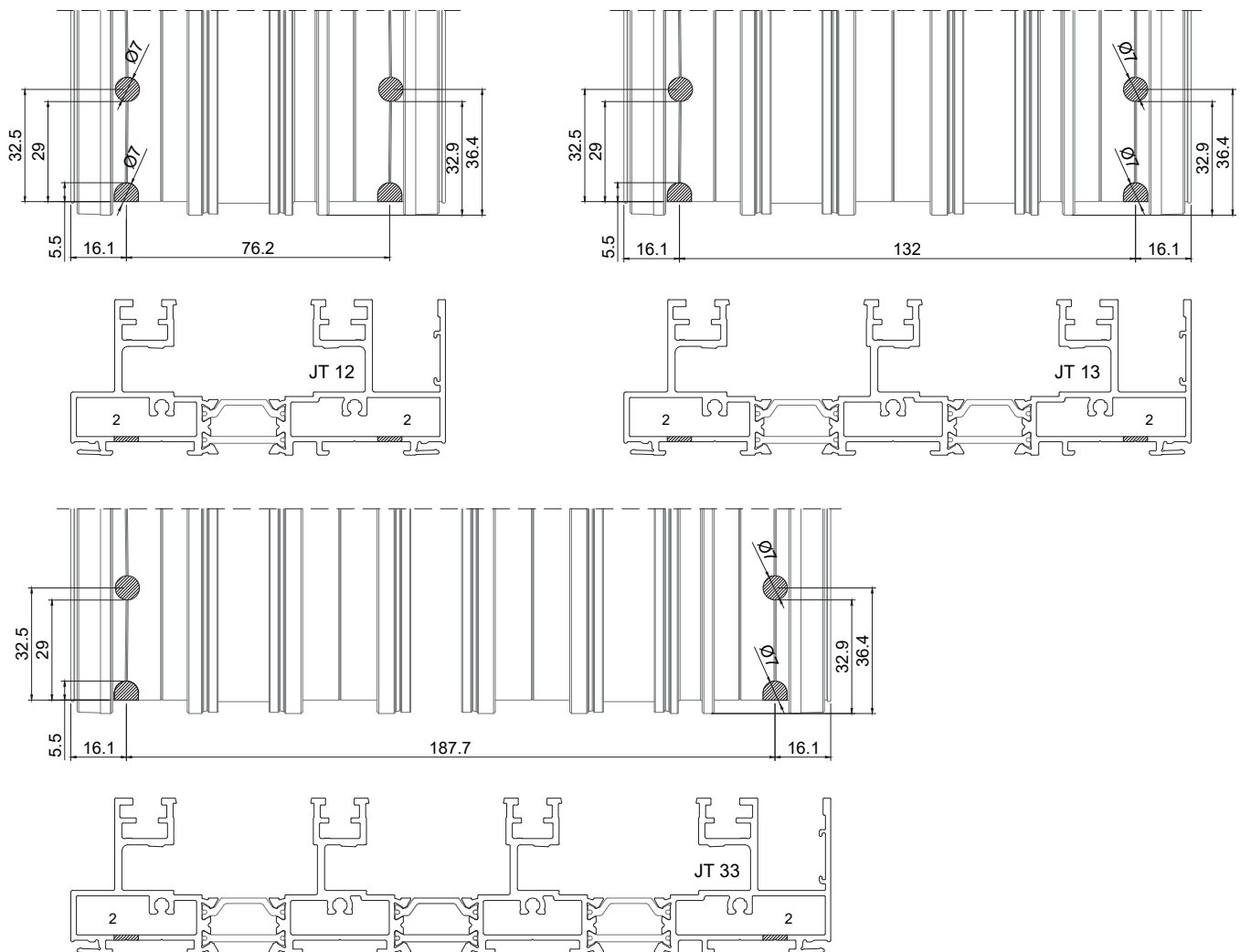
Fraisage de profilés dormant FR pour l'application de équerres. Suivre cette procédure sur tous les profilés dormant FR.



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 de 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

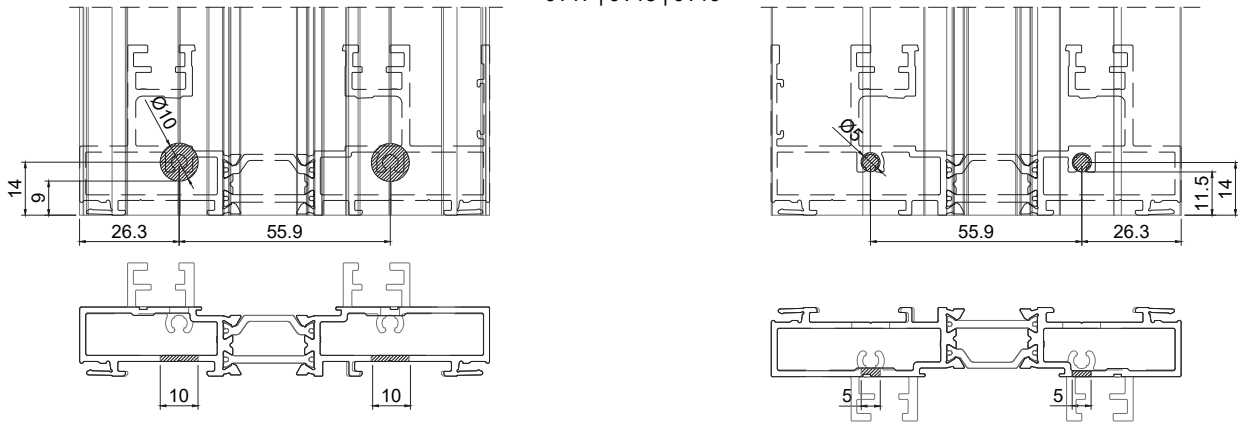
MAQUINAÇÃO DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
USINAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)

1 - Furação dos perfis ombreira.

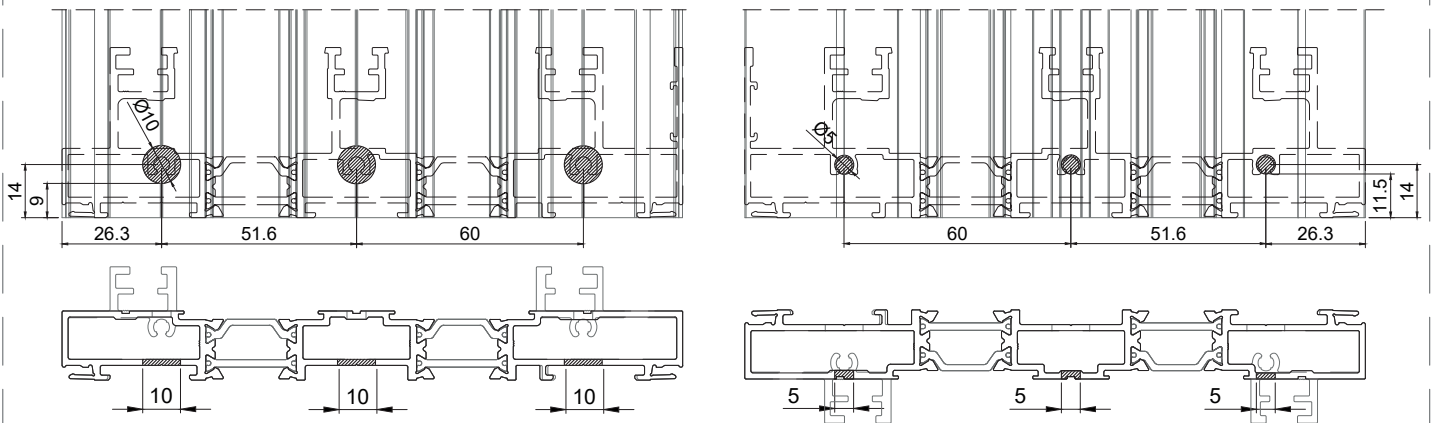
Jamb profiles drilling.

Perçage des profilés de jambage.

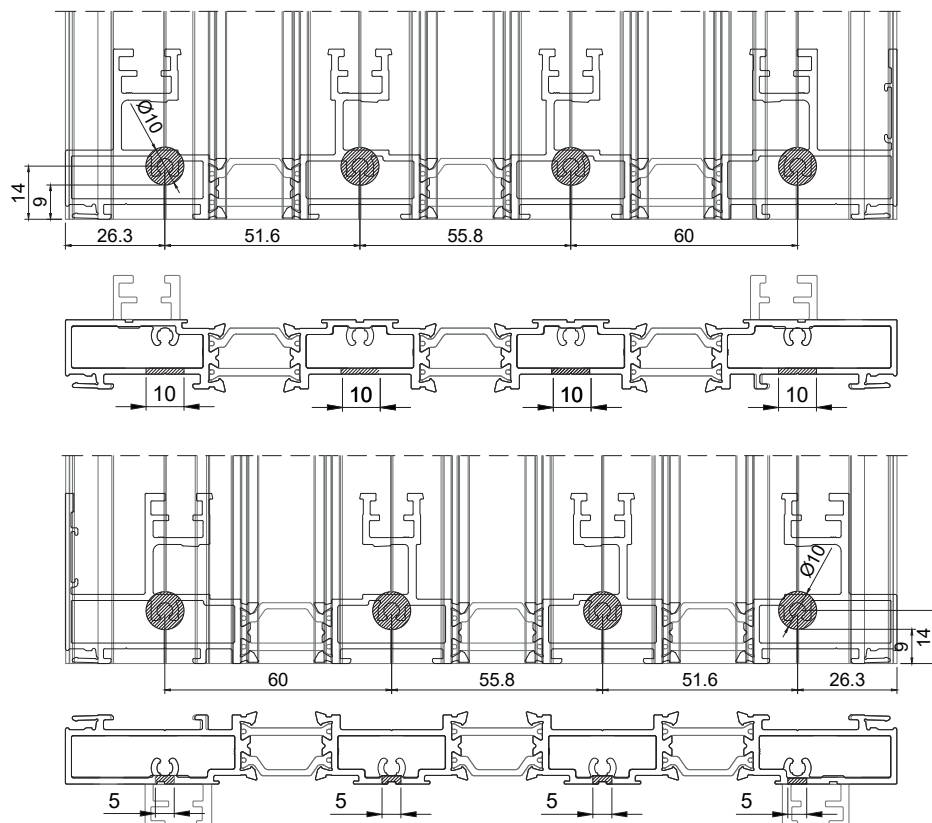
JT17 | JT18 | JT19



JT27 | JT28 | JT29



JT37 | JT38 | JT39 | JT43



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

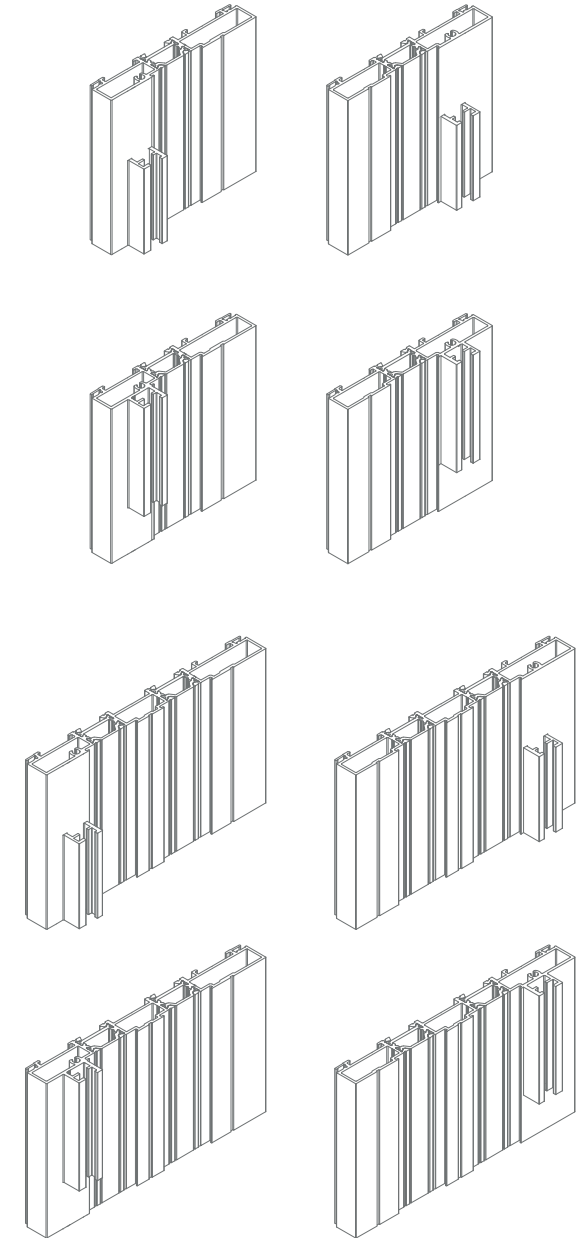
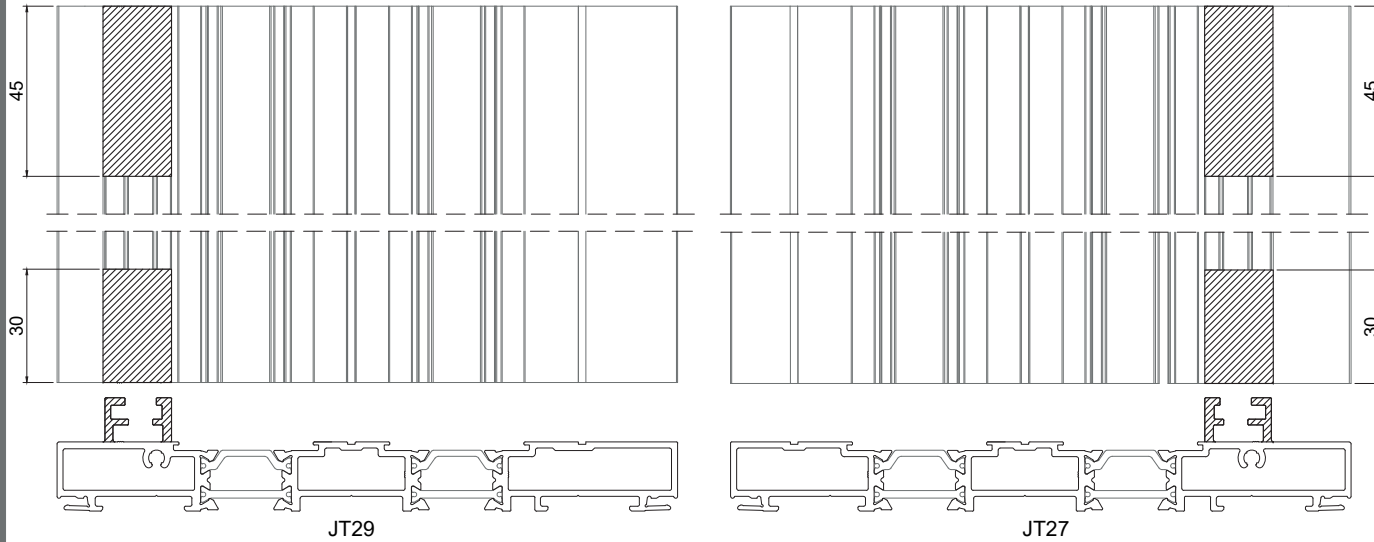
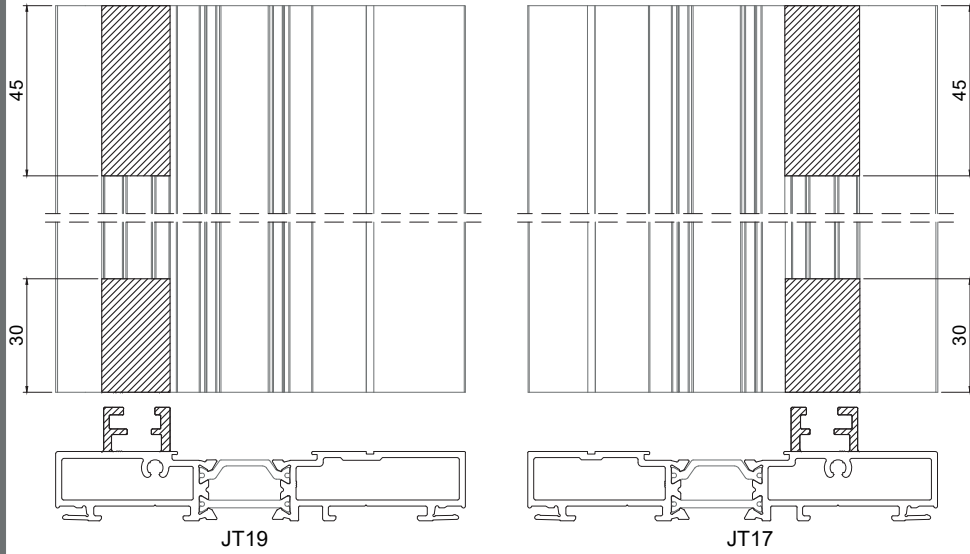
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)

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°)

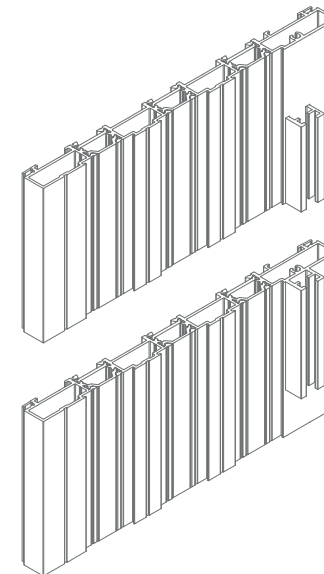
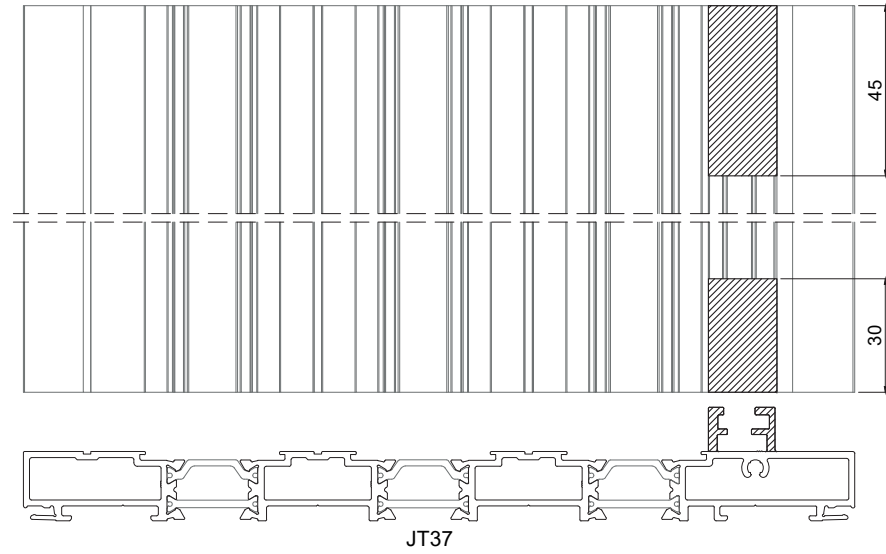
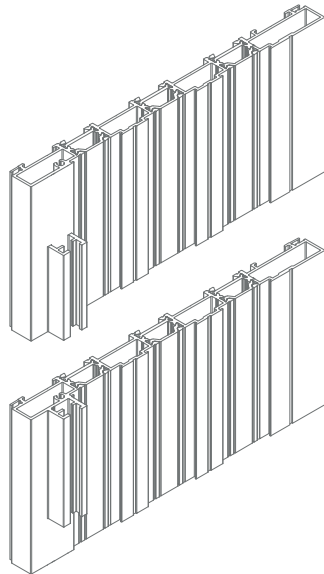
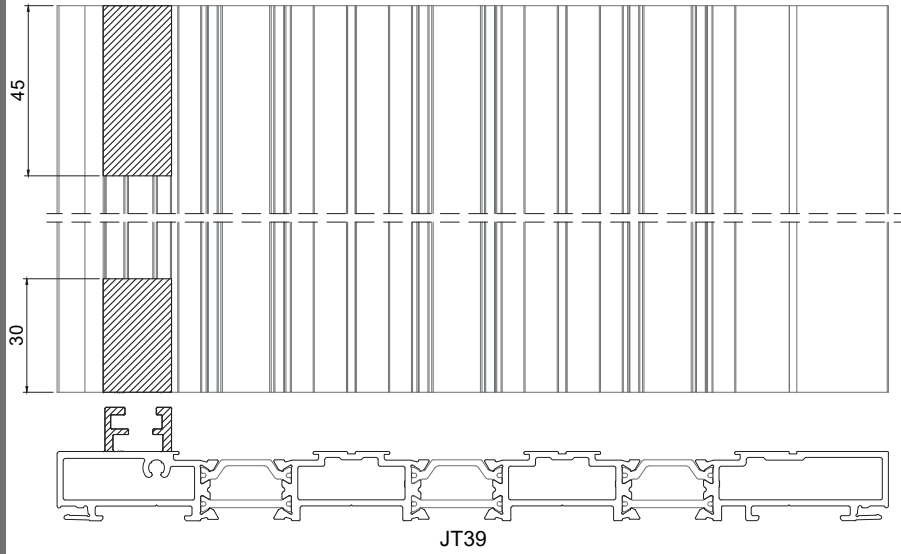
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)

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°)

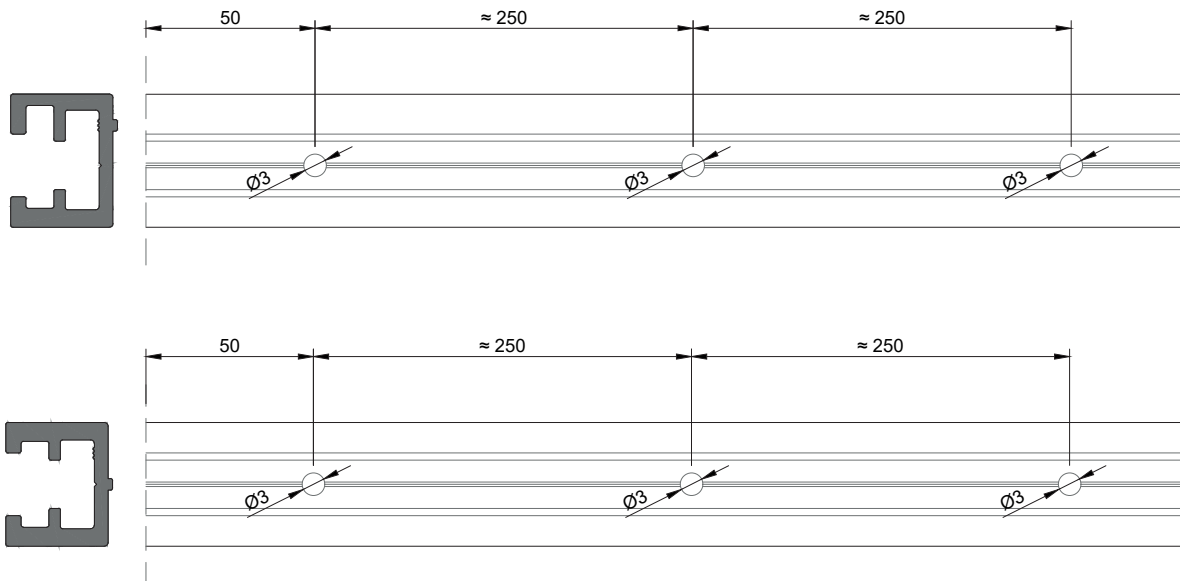
FIXED FRAME PROFILES MACHINING FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)

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

5 - Furação dos perfis guias laterais JT78 and JT79.

JT78 and JT79 lateral guides profiles drilling.

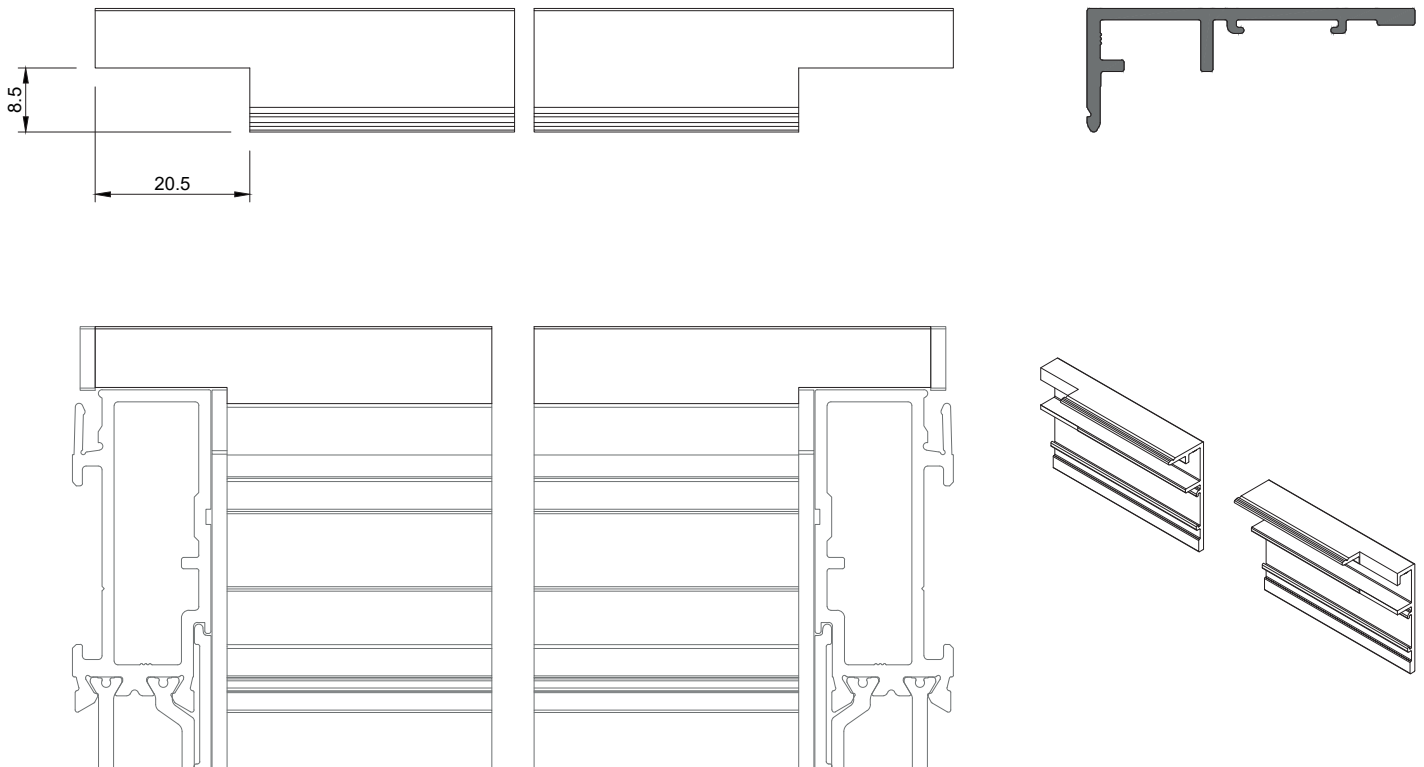
Perçage des profilés de guidage pour jambage JT78 et JT79.



6 - 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 COUVERTURE

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

Cutting, milling and applying the JT85 and JT88 cover profiles.
Découpe, fraiseage et application des couvertures 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 couverture varie selon que le profil PVC T est appliqué ou non:

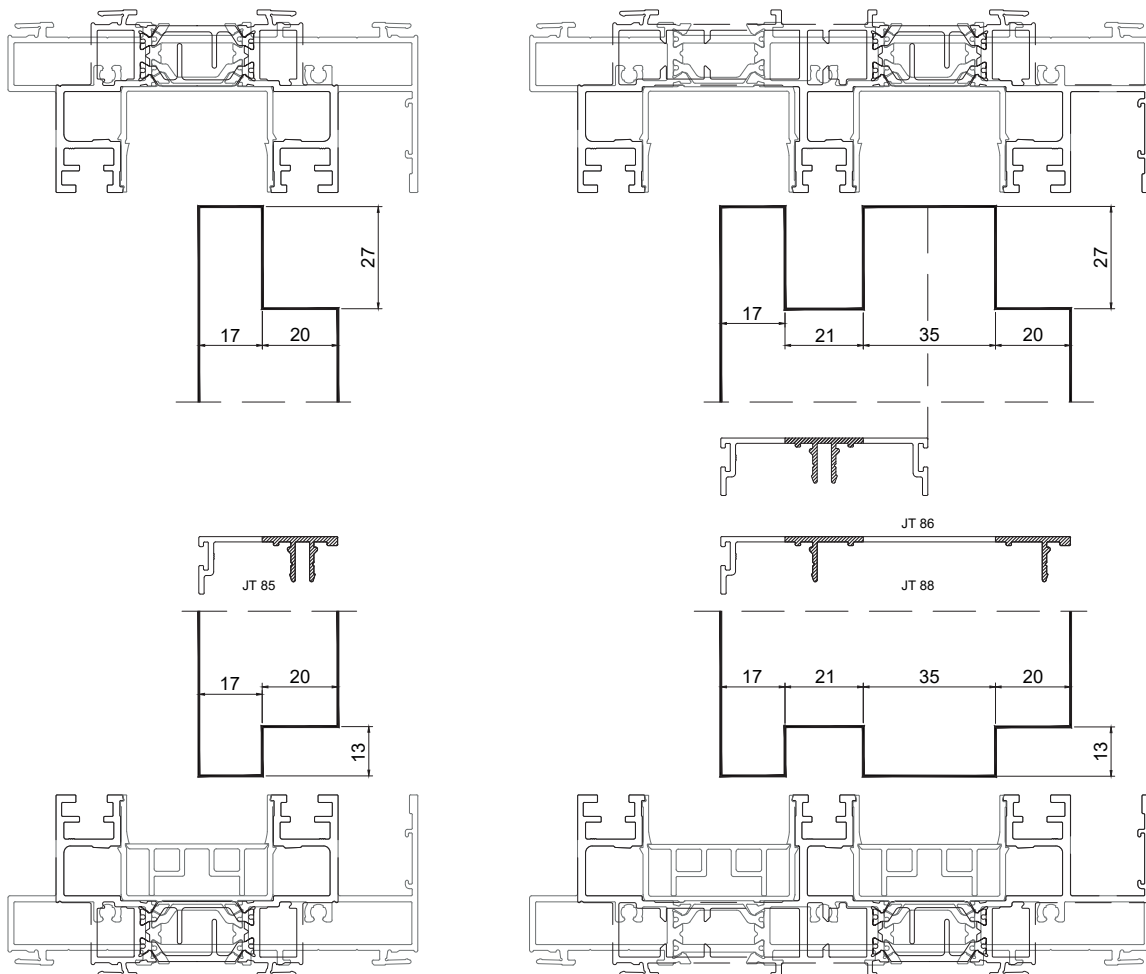
Situação Situation Situation	Medidas de Corte Cutting measures Mesures de coupe		Esquema de aplicação Application scheme Schéma d'application	
	Aros Frames Cadre FR	Aros Frames Cadre PT		
Perfis PVC T aplicados: cima e baixo T PVC profiles applied: top and bottom Profilés en PVC T appliqués: haut et bas	H - 72	H - 65		
Perfis PVC T aplicados: cima ou baixo T PVC profiles applied: top or bottom Profilés en PVC T appliqués: haut ou 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.



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 COUVERTURE

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

Cutting, milling and applying the JT90, JT91 and JT92 cover profiles.
Découpe, fraiseage et application des couvertures 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 couverture varie selon que le profil PVC T est appliqué ou non:

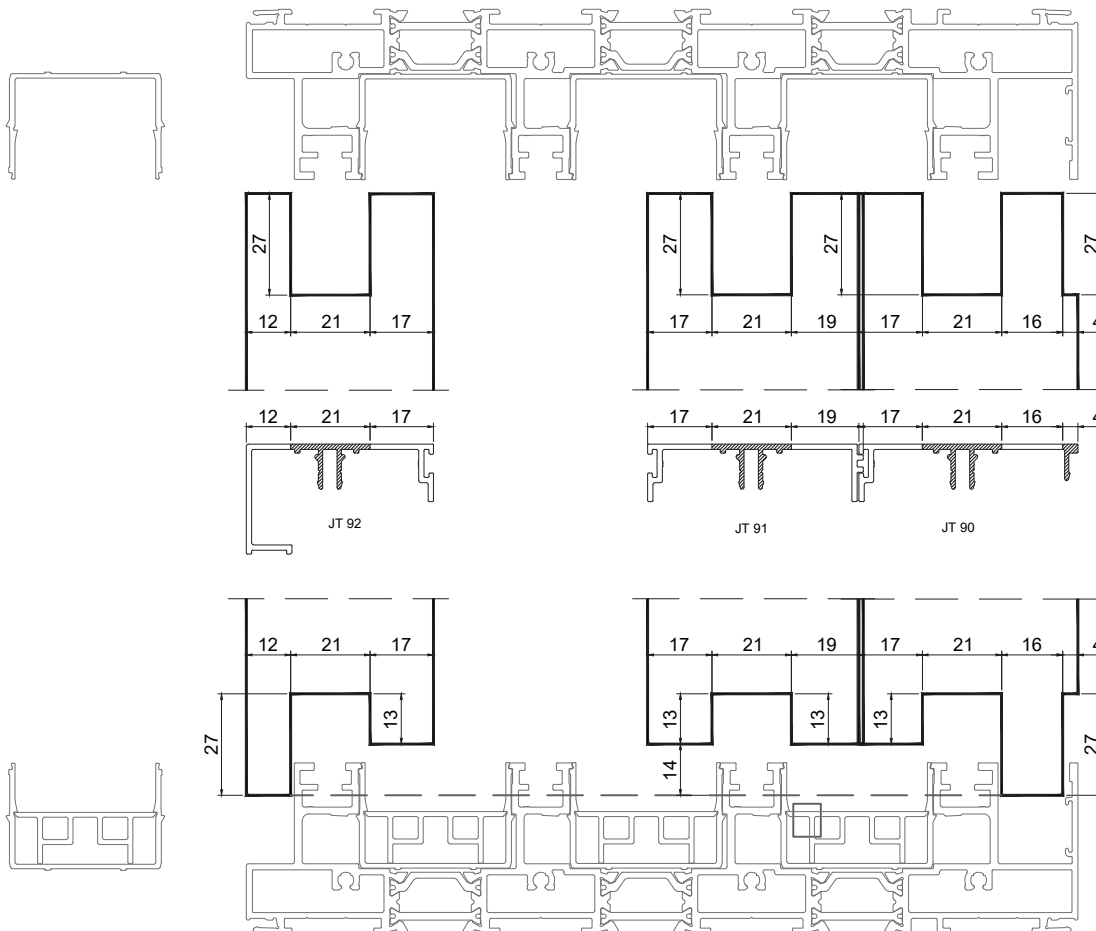
Situação Situation Situation	Medidas de Corte Cutting measures Mesures de coupe	Esquema de aplicação Application scheme Schéma d'application	
	Aros Frames Cadre PT		
Perfis PVC T aplicados: cima e baixo T PVC profiles applied: top and bottom Profilés en PVC T appliqués: haut et bas	H - 65		
Perfis PVC T aplicados: cima ou baixo T PVC profiles applied: top or bottom Profilés en PVC T appliqués: haut ou bas	H - 51		ou or or
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.

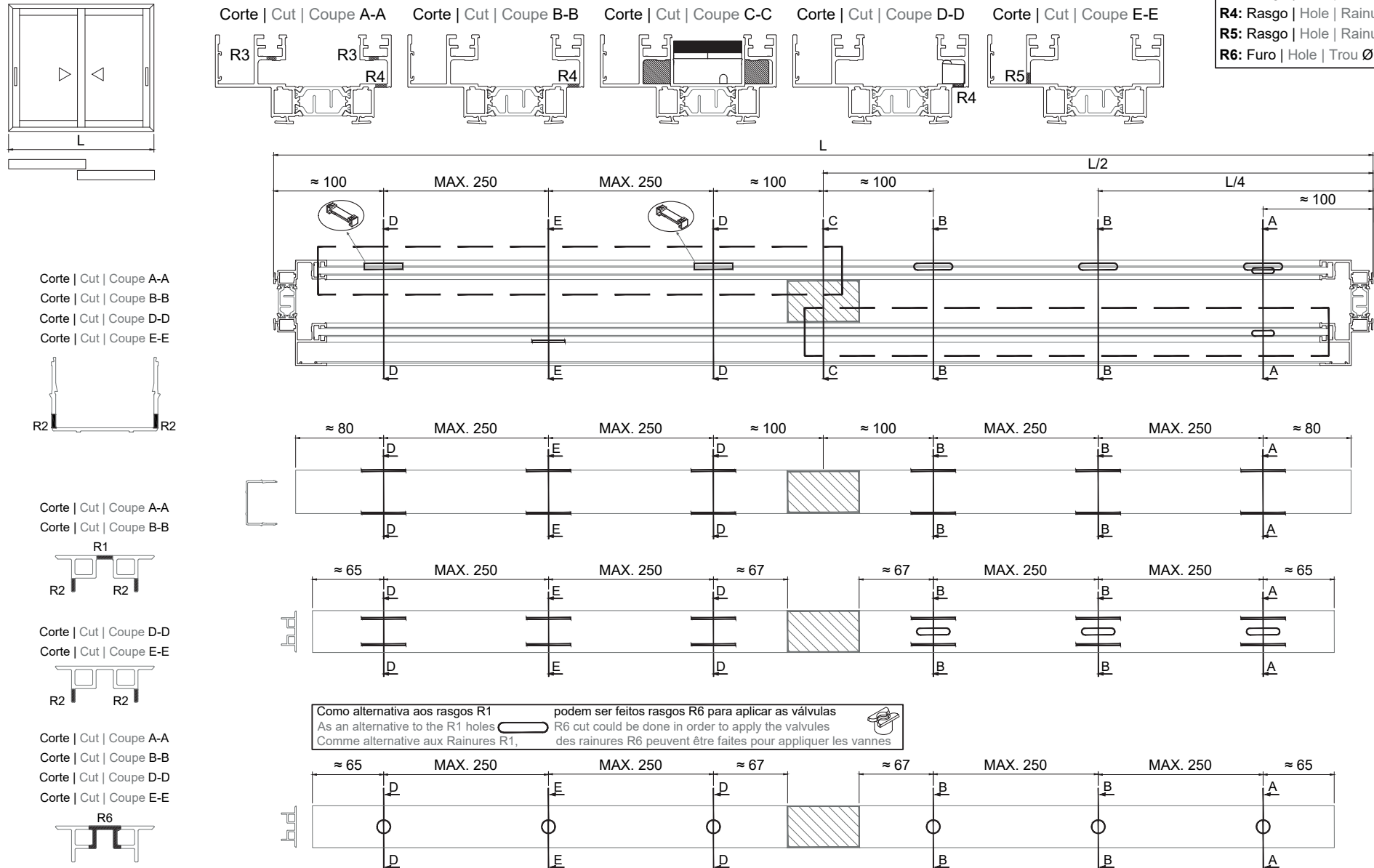
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology. **Follow this procedure in all 2rail FR fixed frame profiles.**

Détails de drainage pour profilés dormant **FR 2rail** et profilés PVC, pour les types à 2 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
- R6:** Furo | Hole | Trou Ø12mm



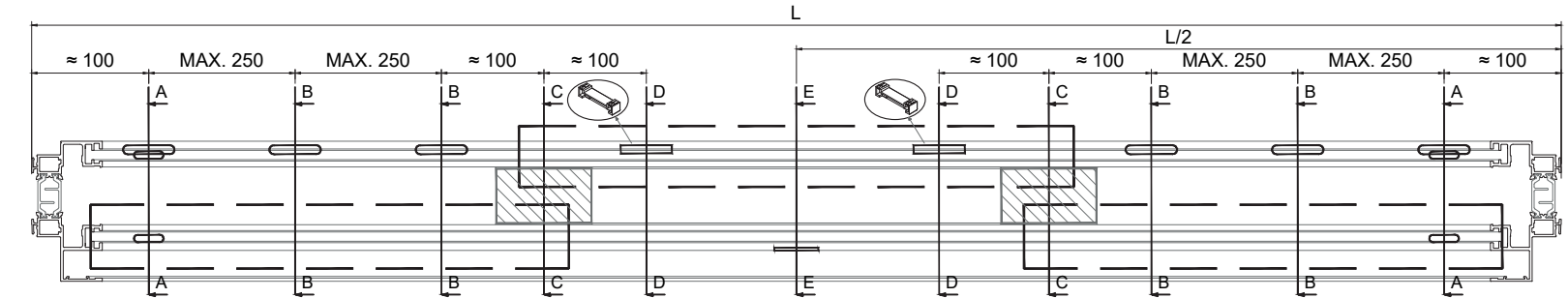
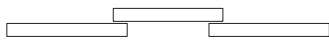
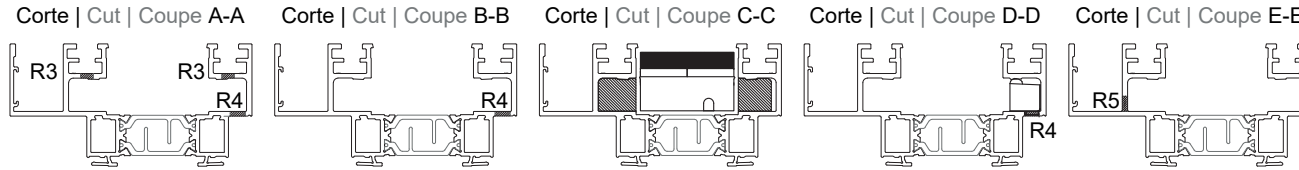
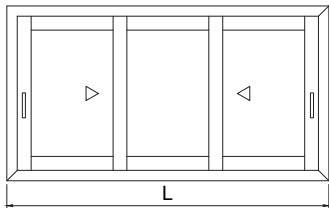
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology. **Follow this procedure in all 2rail FR fixed frame profiles.**

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

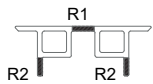
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 6x35mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R4:** Rasgo | Hole | Rainure 6x35mm
- R5:** Rasgo | Hole | Rainure 6x35mm
- R6:** Furo | Hole | Trou Ø12mm



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



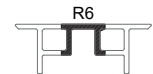
- Corte | Cut | Coupe A-A
- Corte | Cut | Coupe B-B



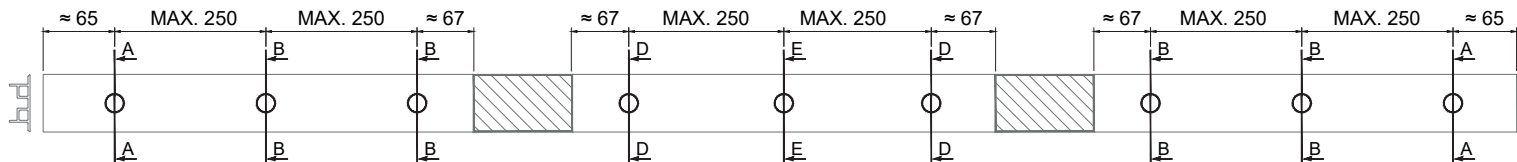
- Corte | Cut | Coupe D-D
- Corte | Cut | Coupe E-E



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



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes



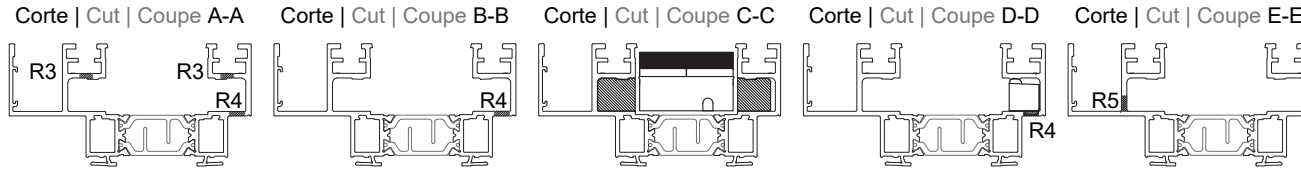
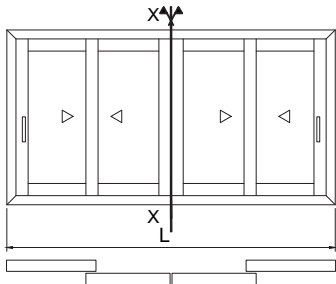
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 sahes typology. Follow this procedure in all 2rail FR fixed frame profiles.

Détails de drainage pour profilés dormant FR 2rail et profilés PVC, pour les types à 4 vantaux. Suivre cette procédure sur tous les profilés dormant FR 2rail.

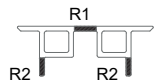
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 6x35mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R4:** Rasgo | Hole | Rainure 6x35mm
- R5:** Rasgo | Hole | Rainure 6x35mm
- R6:** Furo | Hole | Trou Ø12mm



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



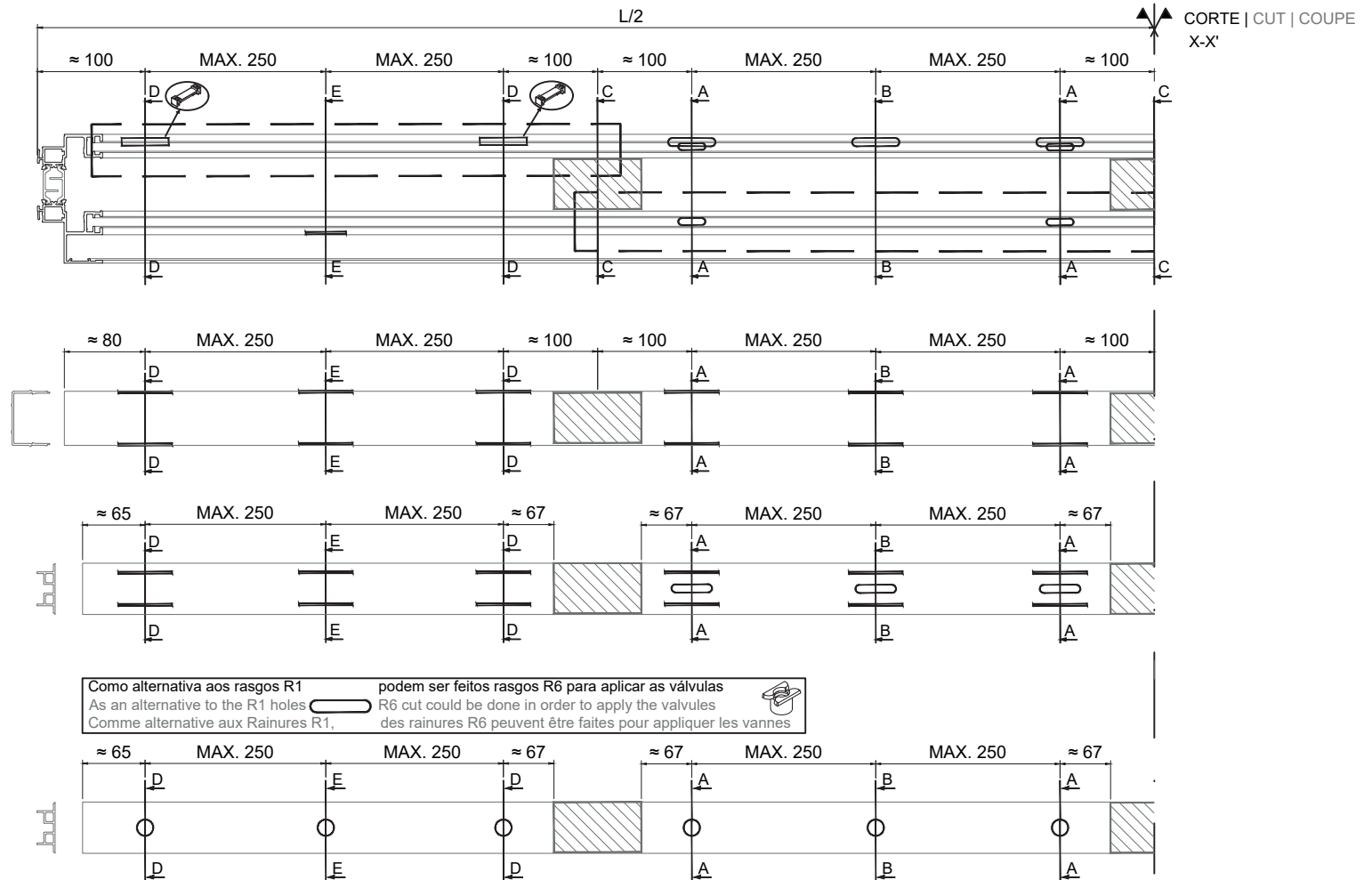
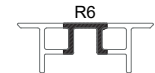
Corte | Cut | Coupe A-A
 Corte | Cut | Coupe B-B



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



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



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes

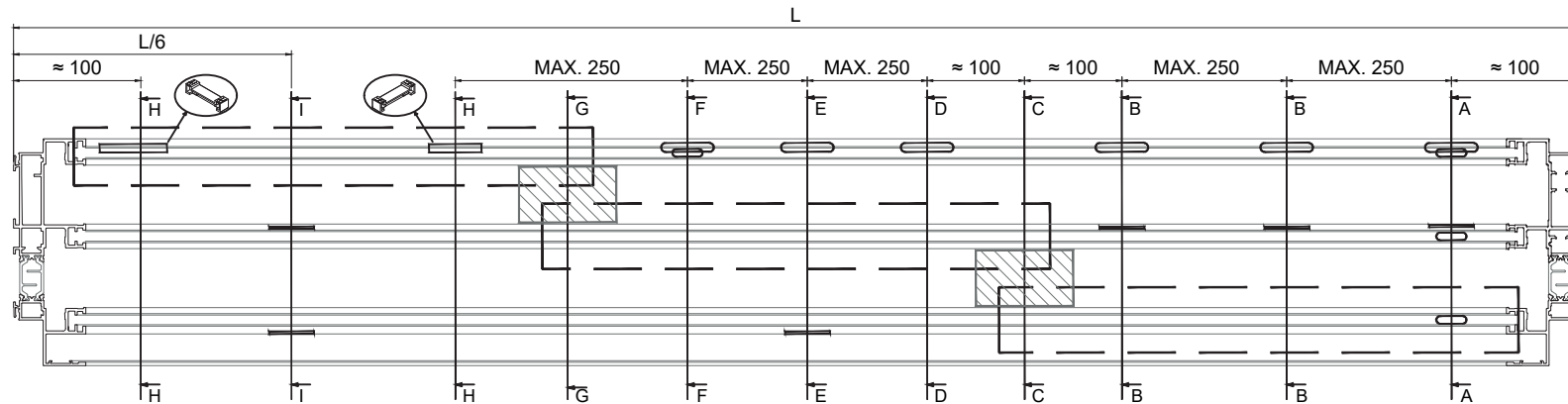
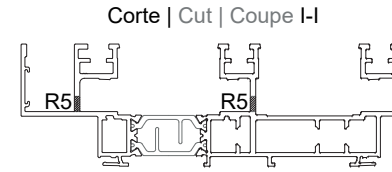
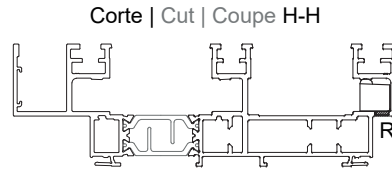
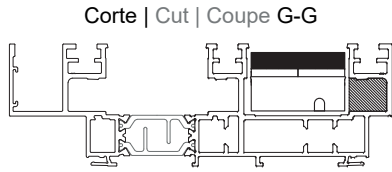
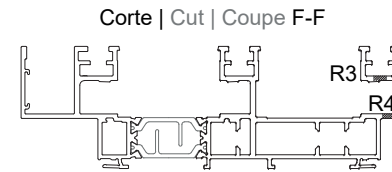
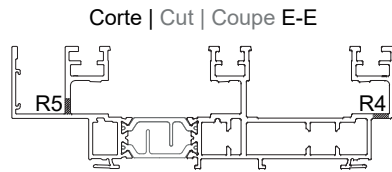
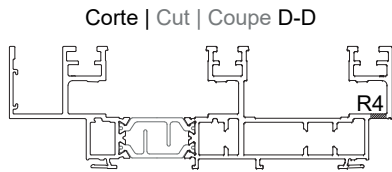
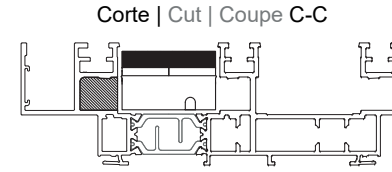
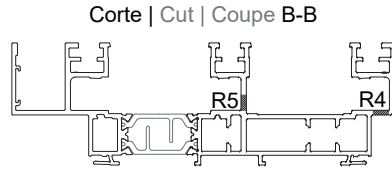
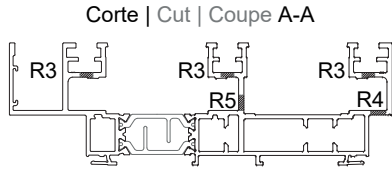
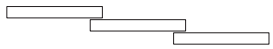
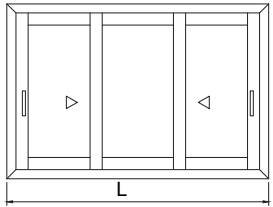
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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

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

Détails de drainage pour profilés dormant **FR 3rail** et profilés PVC, pour les types 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
- R6:** Furo | Hole | Trou Ø12mm



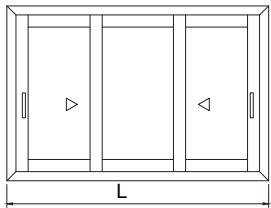
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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

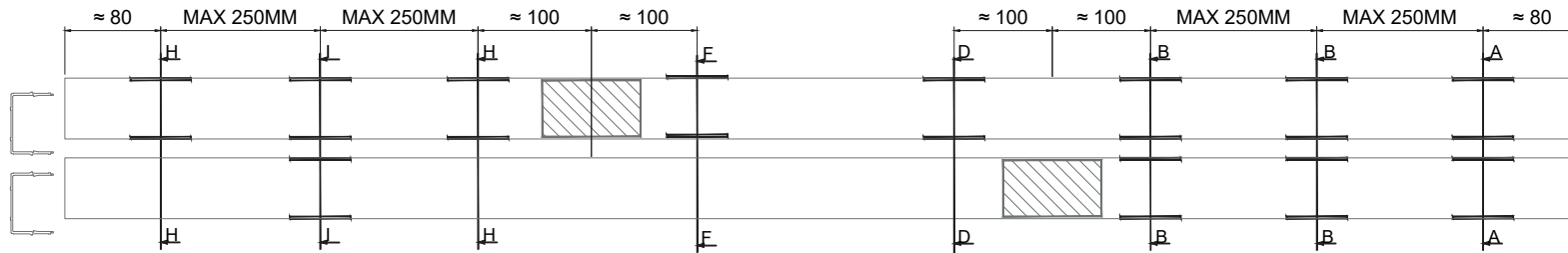
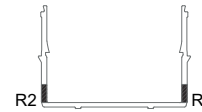
Drainage details of fixed 3rail FR frame profiles and PVC profiles, for 3 sashes typology.

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

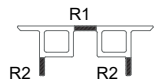
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 6x35mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R4:** Rasgo | Hole | Rainure 6x35mm
- R5:** Rasgo | Hole | Rainure 6x35mm
- R6:** Furo | Hole | Trou Ø12mm



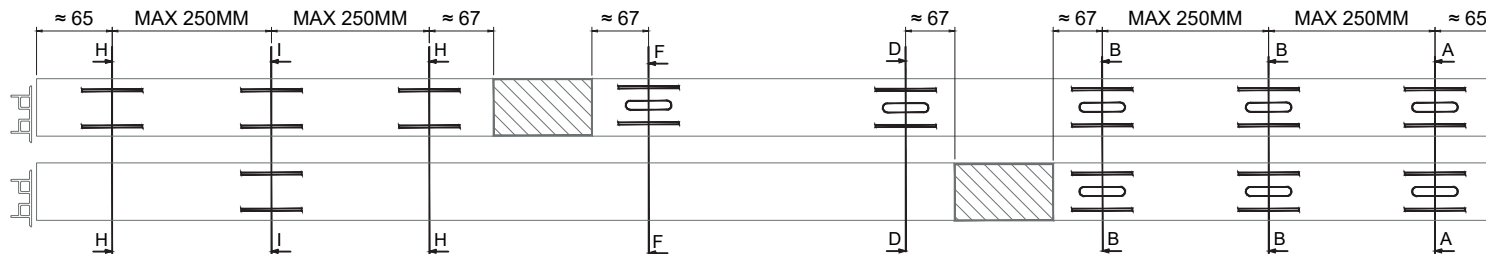
Corte | Cut | Coupe A-A Corte | Cut | Coupe F-F
 Corte | Cut | Coupe B-B Corte | Cut | Coupe I-I
 Corte | Cut | Coupe D-D Corte | Cut | Coupe H-H



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



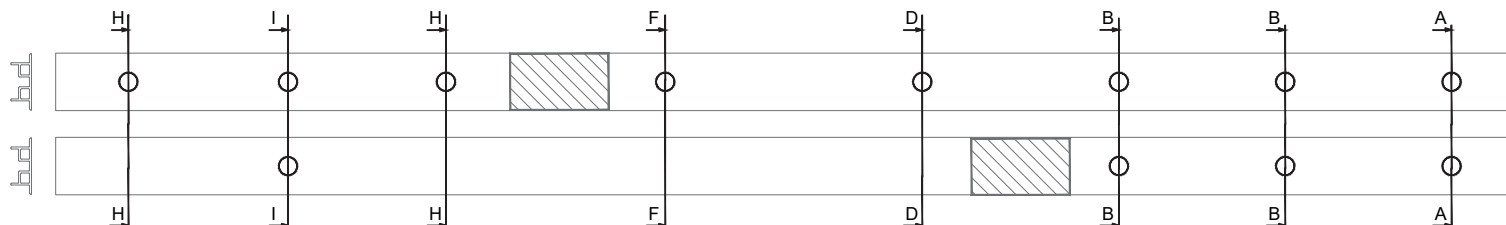
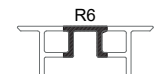
Corte | Cut | Coupe H-H
 Corte | Cut | Coupe I-I



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes



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



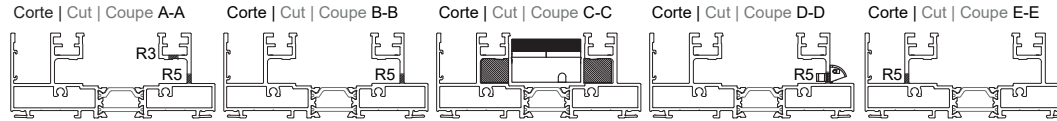
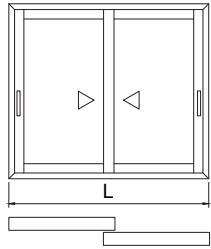
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 sahes typology. Follow this procedure in all 2rail PT fixed frame profiles.

Détails de drainage pour profilés dormant PT 2rail et profilés PVC, pour les types à 2 vantaux. Suivre cette procédure sur tous les profilés dormant PT 2rail.

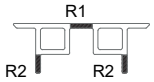
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



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



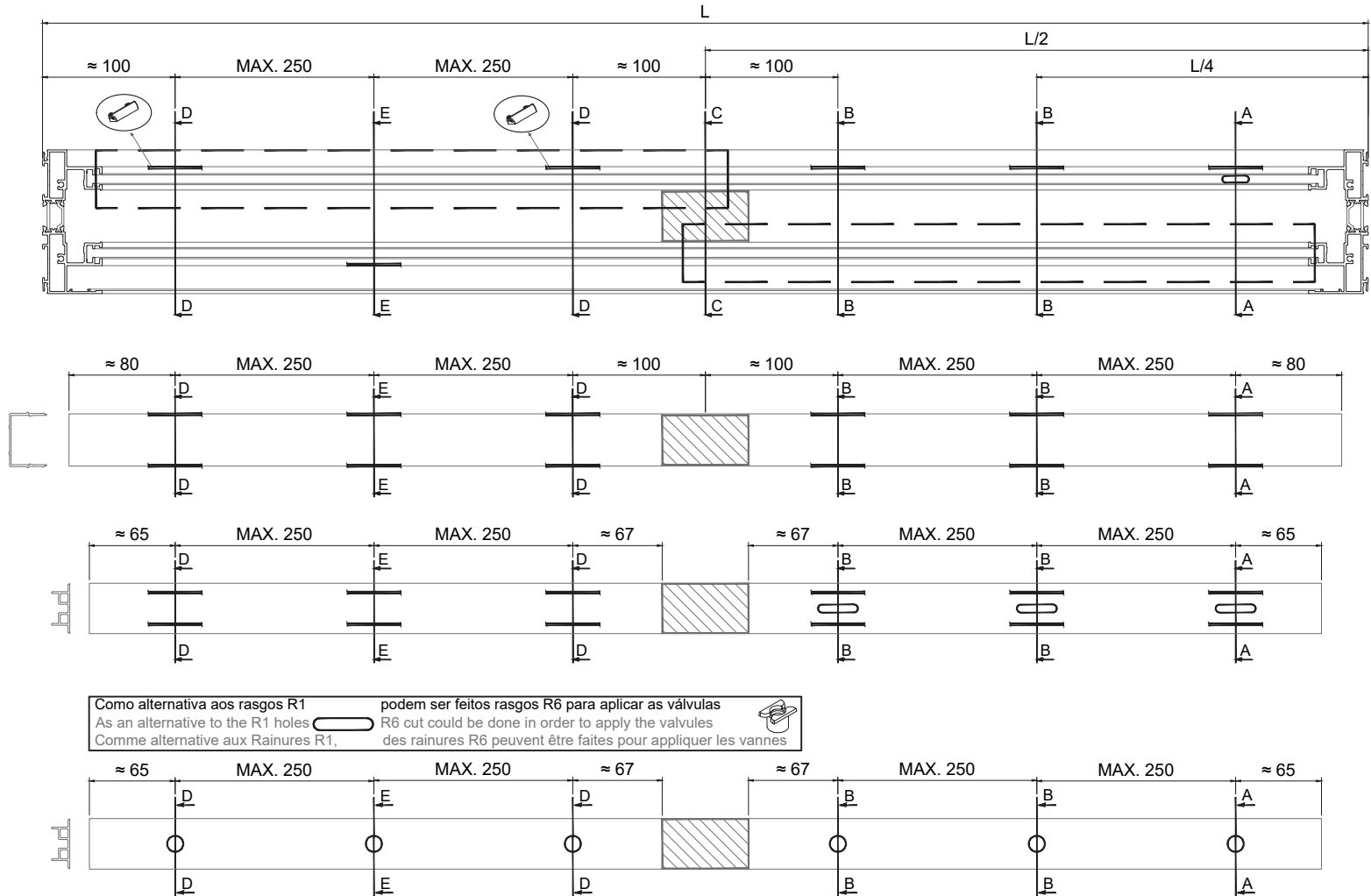
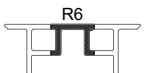
- Corte | Cut | Coupe A-A
- Corte | Cut | Coupe B-B



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



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



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes

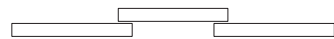
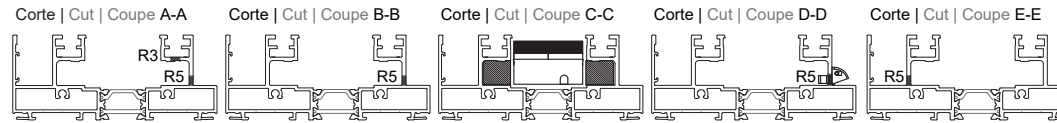
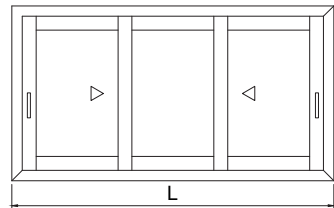
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology. **Follow this procedure in all 2rail PT fixed frame profiles.**

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

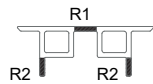
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



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



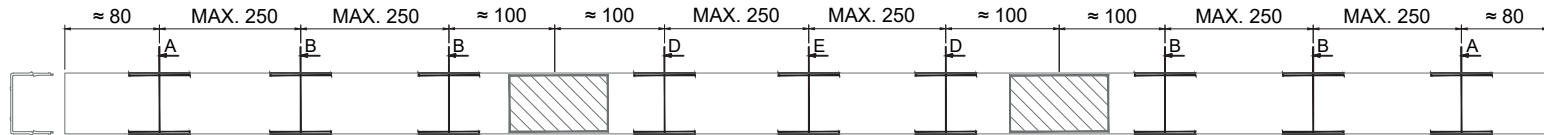
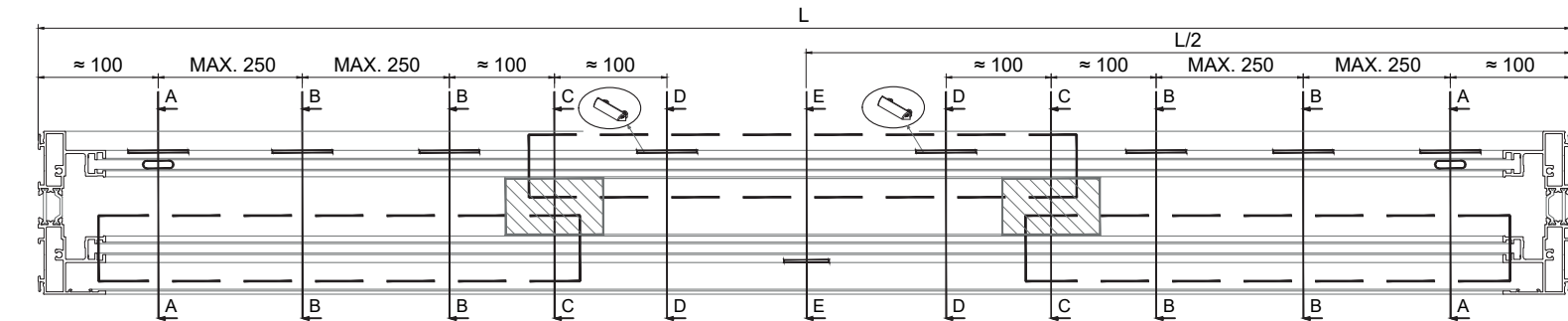
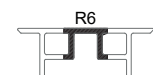
- Corte | Cut | Coupe A-A
- Corte | Cut | Coupe B-B



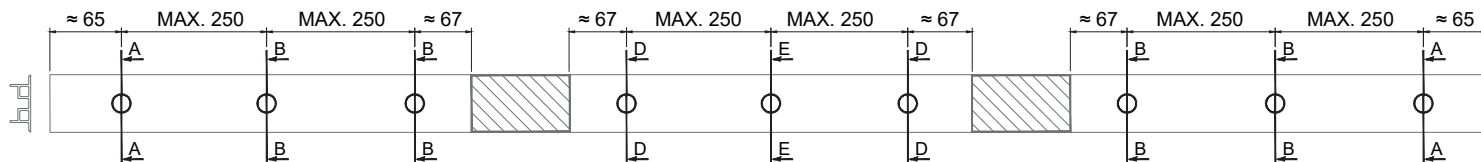
- Corte | Cut | Coupe D-D
- Corte | Cut | Coupe E-E



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



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes



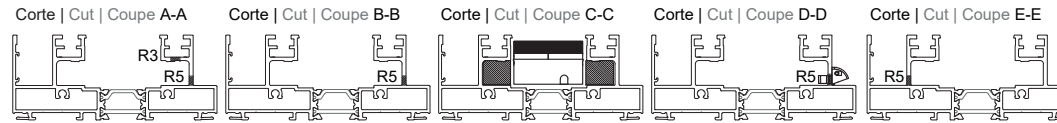
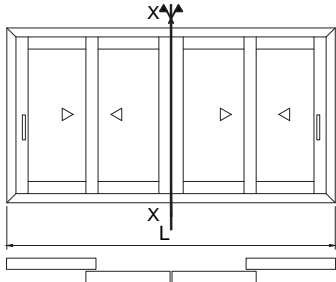
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology. **Follow this procedure in all 2rail PT fixed frame profiles.**

Détails de drainage pour profilés dormant PT 2rail et profilés PVC, pour les types à 4 vantaux. **Suivre cette procédure sur tous les profilés dormant PT 2rail.**

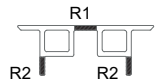
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



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



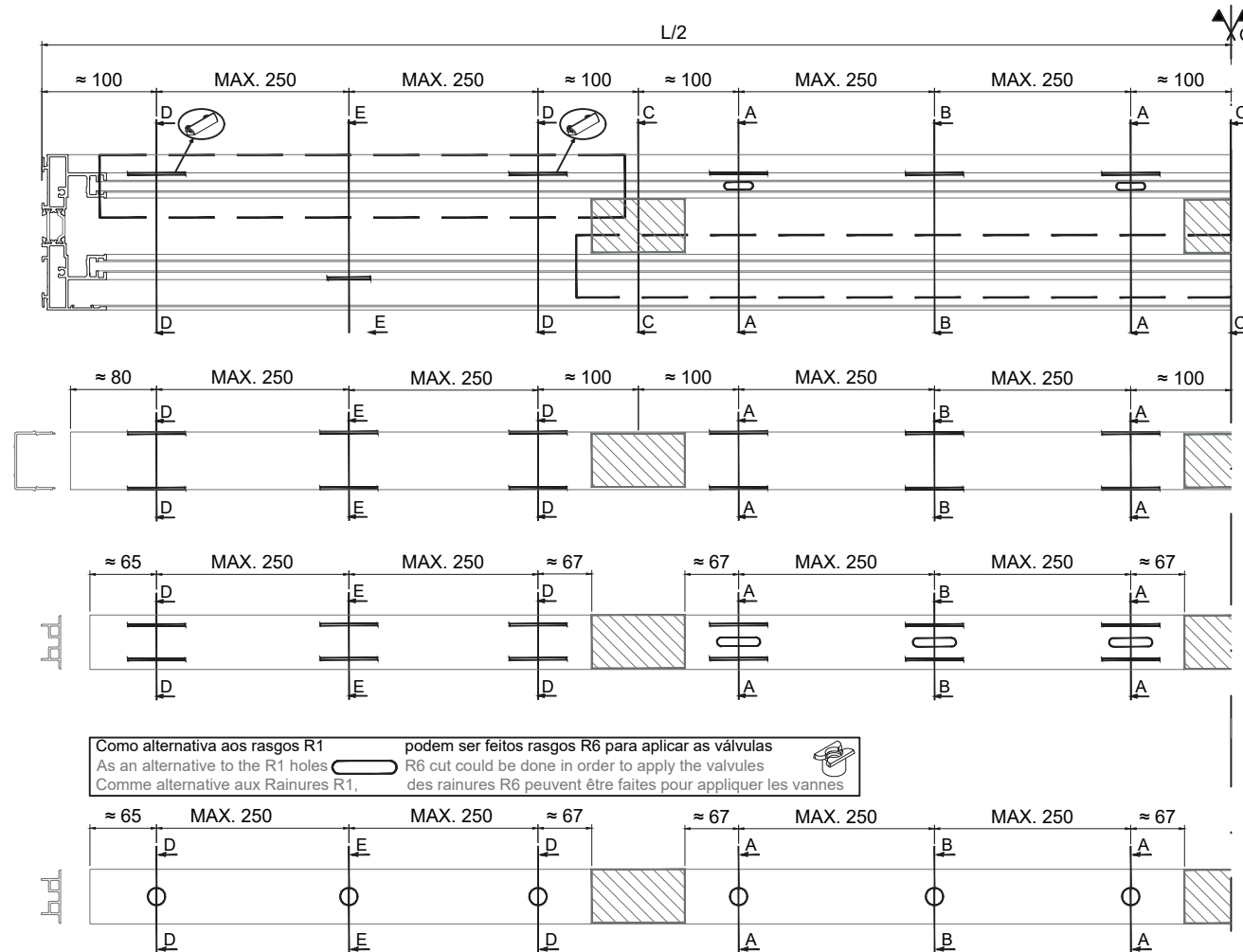
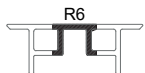
- Corte | Cut | Coupe A-A
- Corte | Cut | Coupe B-B



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



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



Como alternativa aos rasgos R1 podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes

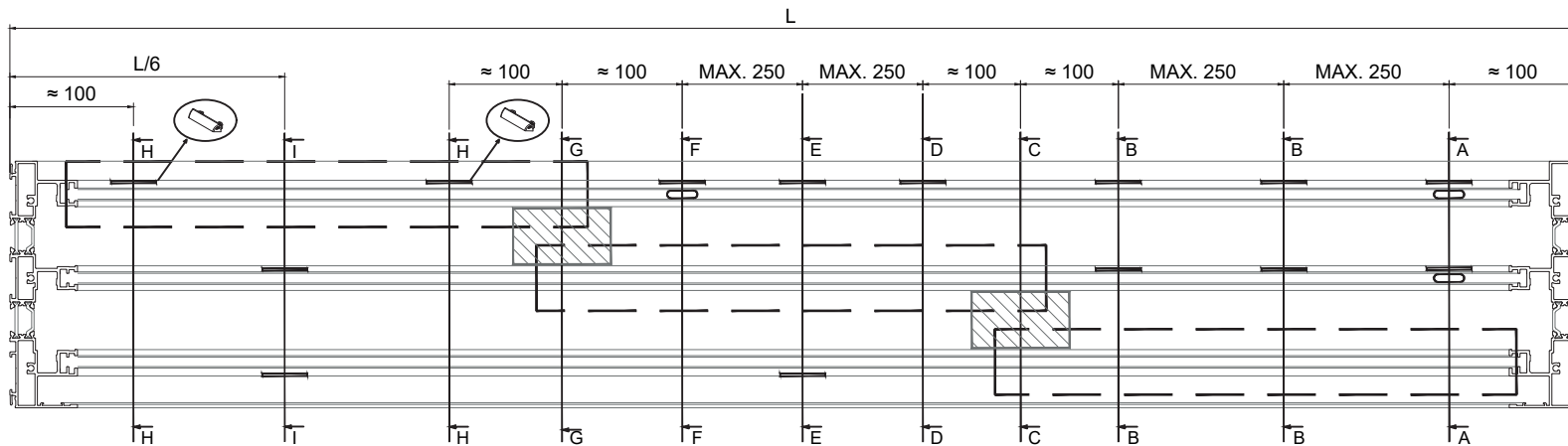
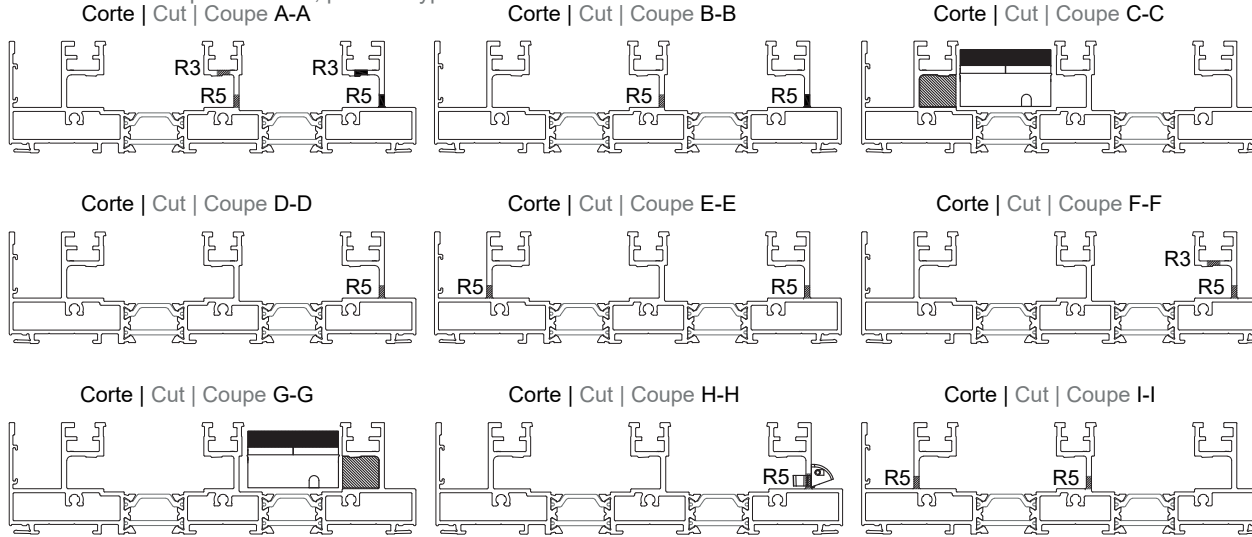
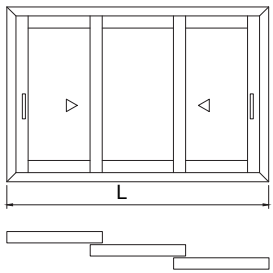
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology.

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

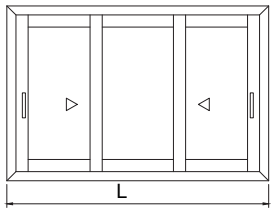
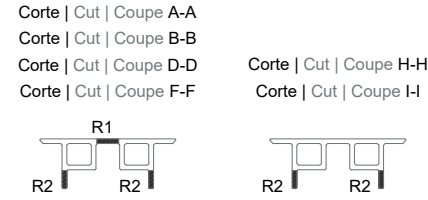
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

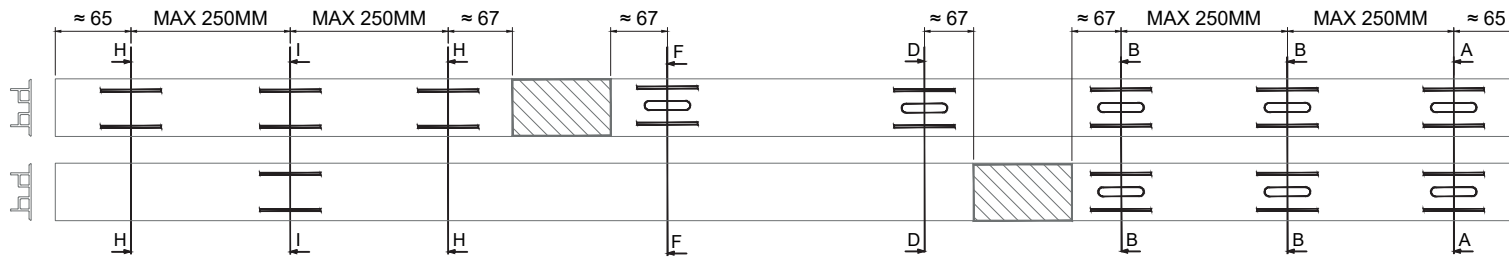
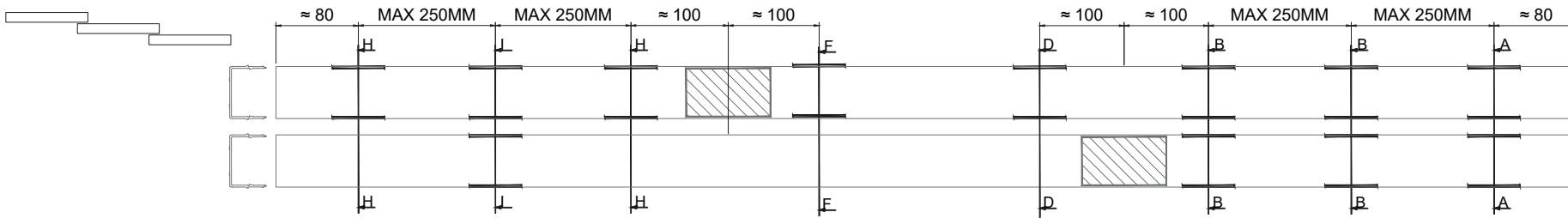
8 - Pormenores de drenagem para os perfis de aro fixo PT 3rail e perfis de PVC, para tipologias de 3 folhas.
 Drainage details of fixed 3rail PT frame profiles and PVC profiles, for 3 sashes typology.
 Détails de drainage pour profilés dormant PT 3rail et profilés PVC, pour les types à 3 vantaux.

- 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



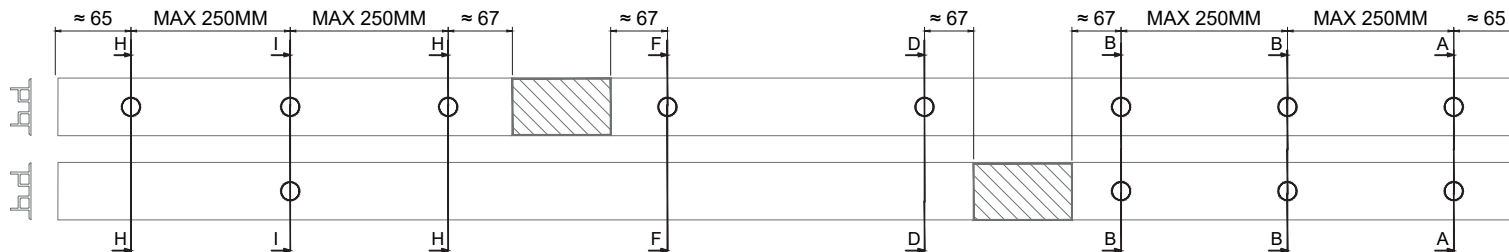
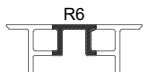
Corte | Cut | Coupe A-A
 Corte | Cut | Coupe B-B
 Corte | Cut | Coupe D-D

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



Como alternativa aos rasgos R1, podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes, R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes

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



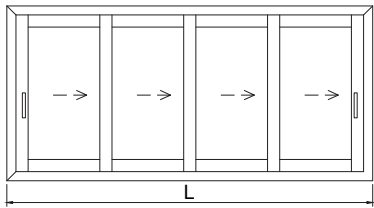
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

9 - Pormenores de drenagem para os perfis de aro fixo **PT 4rail** e perfis de PVC, para tipologias de 4 folhas.

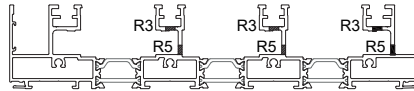
Drainage details of fixed 4rail **PT** frame profiles and PVC profiles, for 4 sashes typology.

Détails de drainage pour profilés dormant **PT 4rail** et profilés PVC, pour les types à 4 vantaux.

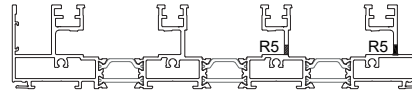
- | | | |
|------------|------------------------|--------|
| R1: | Rasgo Hole Rainure | 6x30mm |
| R2: | Rasgo Hole Rainure | 5x30mm |
| R3: | Rasgo Hole Rainure | 5x20mm |
| R5: | Rasgo Hole Rainure | 5x30mm |
| R6: | Furo Hole Trou | Ø12mm |



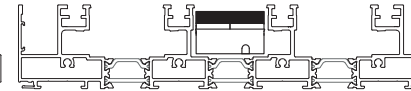
Corte | Cut | Coupe A-A



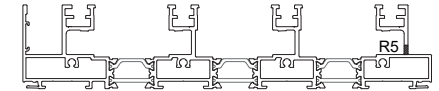
Corte | Cut | Coupe B-B



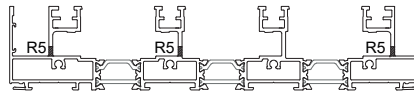
Corte | Cut | Coupe C-C



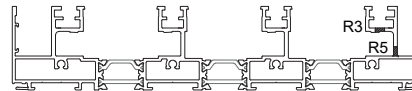
Corte | Cut | Coupe D-D



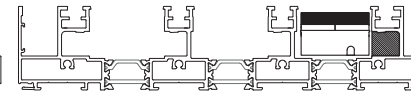
Corte | Cut | Coupe E-E



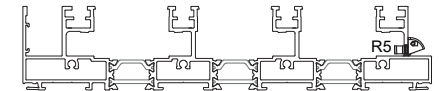
Corte | Cut | Coupe F-F



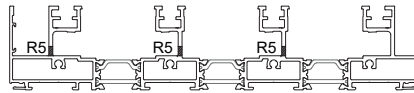
Corte | Cut | Coupe G-G



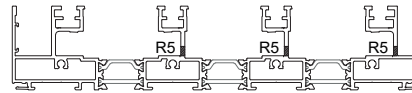
Corte | Cut | Coupe H-H



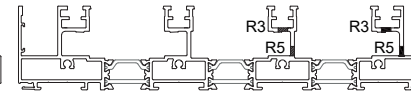
Corte | Cut | Coupe I-I



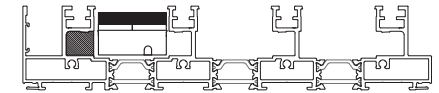
Corte | Cut | Coupe J-J



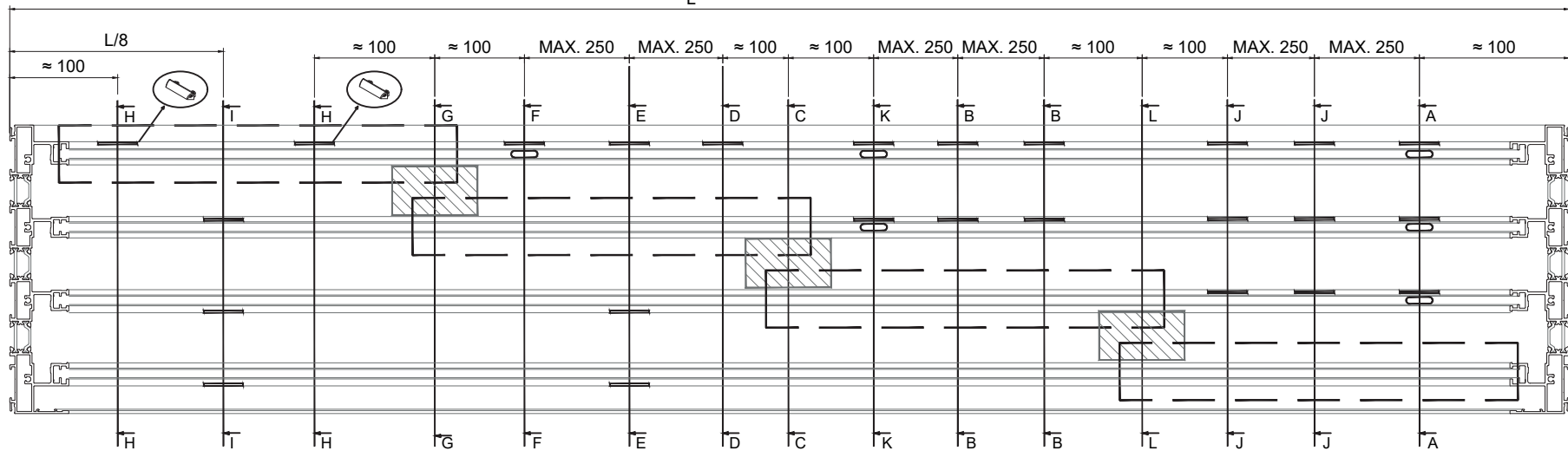
Corte | Cut | Coupe K-K



Corte | Cut | Coupe L-L



L



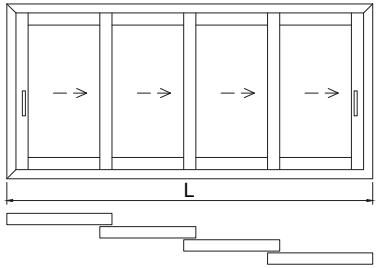
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology.

Détails de drainage pour profilés dormant PT 4rail et profilés PVC, pour les types à 4 vantaux.

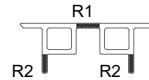
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



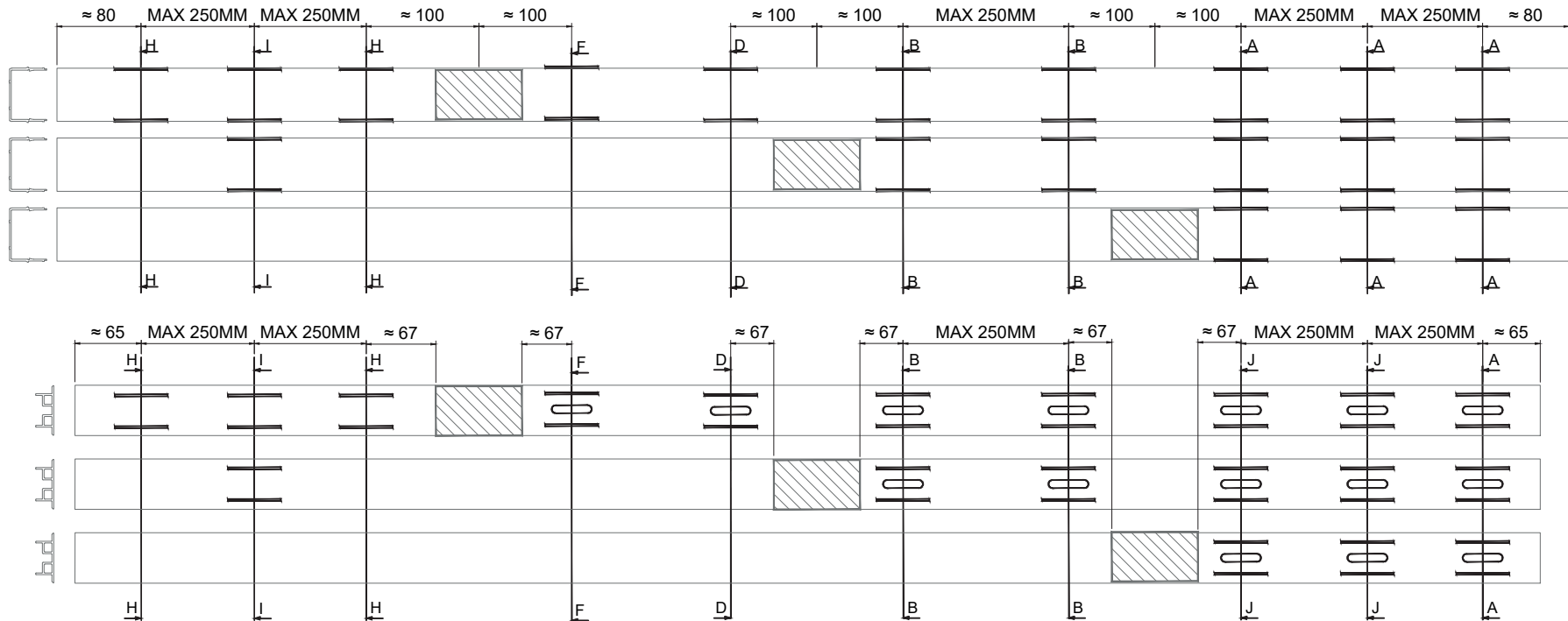
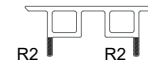
Corte | Cut | Coupe A-A
 Corte | Cut | Coupe B-B
 Corte | Cut | Coupe D-D
 Corte | Cut | Coupe F-F
 Corte | Cut | Coupe I-I
 Corte | Cut | Coupe H-H



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



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



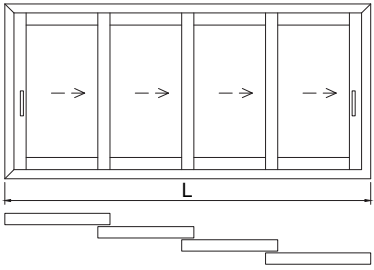
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

9 - Pormenores de drenagem para os perfis de aro fixo **PT 4rail** e perfis de PVC, para tipologias de 4 folhas.

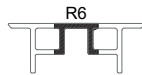
Drainage details of 4rail fixed **PT** frame profiles and PVC profiles, for 4 sashes typology.

Détails de drainage pour profilés dormant **PT** 4rail et profilés PVC, pour les types à 4 vantaux.

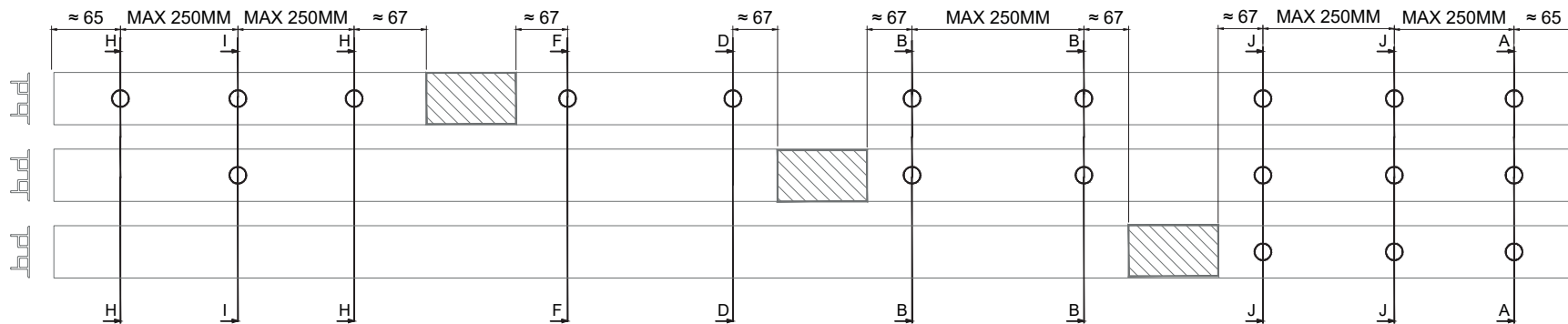
- R1:** Rasgo | Hole | Rainure 6x30mm
- R2:** Rasgo | Hole | Rainure 5x30mm
- R3:** Rasgo | Hole | Rainure 5x20mm
- R5:** Rasgo | Hole | Rainure 5x30mm
- R6:** Furo | Hole | Trou Ø12mm



- 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
- Corte | Cut | Coupe J-J



Como alternativa aos rasgos R1, podem ser feitos rasgos R6 para aplicar as válvulas
 As an alternative to the R1 holes, R6 cut could be done in order to apply the valves
 Comme alternative aux Rainures R1, des rainures R6 peuvent être faites pour appliquer les vannes



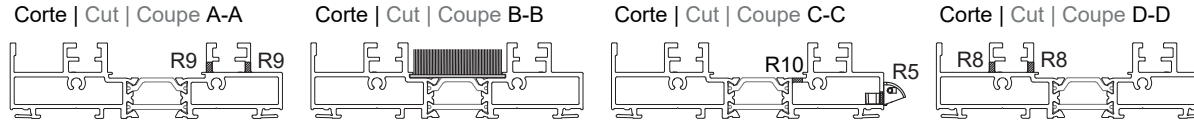
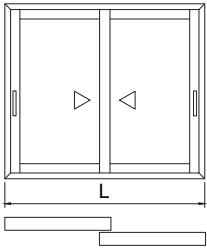
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology.

Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les types à 2 vantaux.

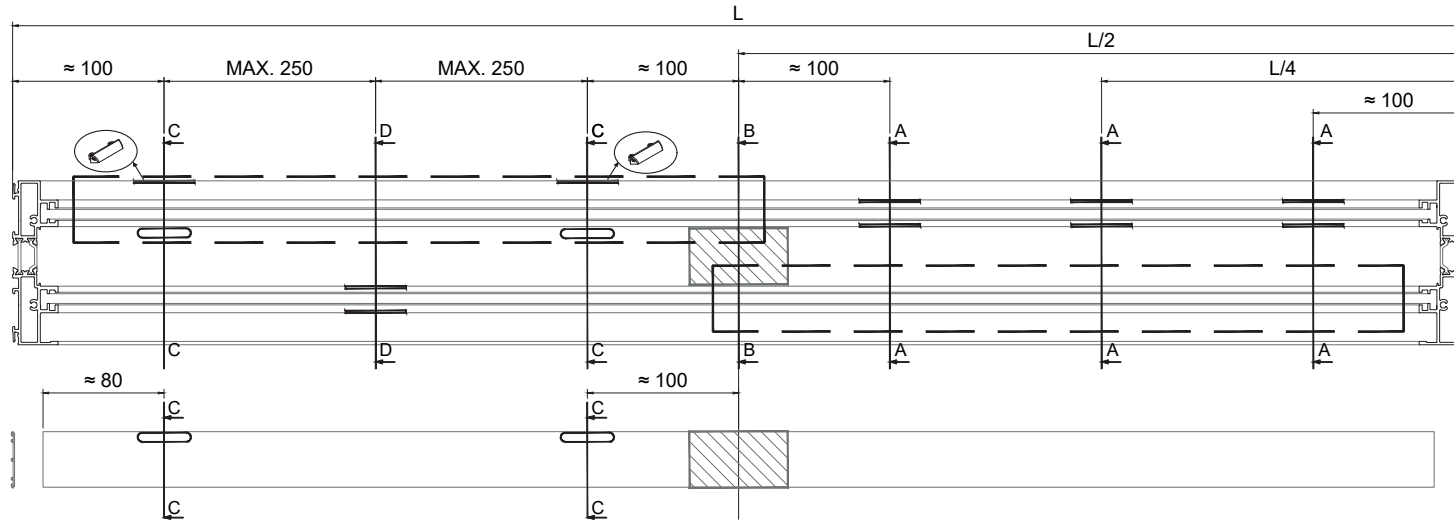
R5: Rasgo Hole Rainure 5x30mm
R8: Rasgo Hole Rainure 6x30mm
R9: Rasgo Hole Rainure 6x30mm
R10: Rasgo Hole Rainure 4x25mm
R11: Rasgo Hole Rainure 5x40mm



10.1 - Com goteira frontal SV-E.

With SV-E frontal drip.

Avec gouttière avant SV-E.



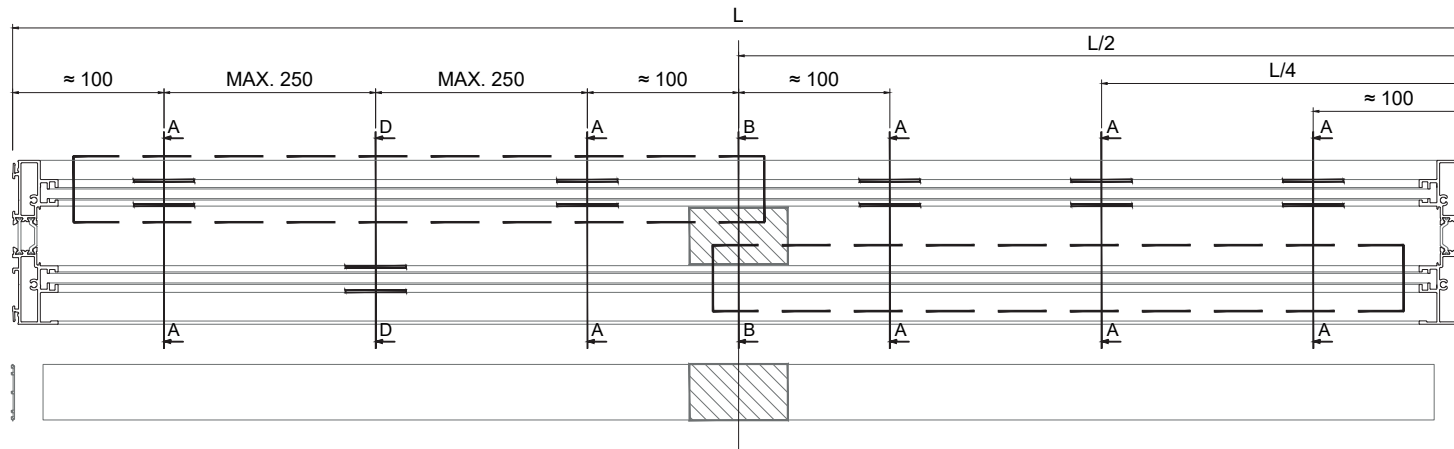
Corte | Cut | Coupe C-C



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

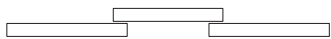
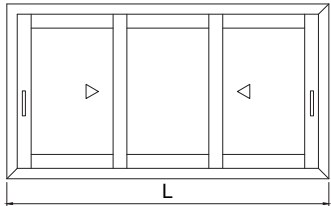
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

11 - Pormenores de drenagem para o perfil soleira 30mm 2rail e perfil poliamida, para tipologias de 3 folhas.

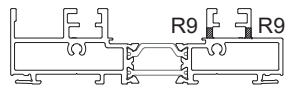
Drainage details of 2rail 30mm sill profile and polyamide profile, for 3 sashes typology.

Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les types à 3 vantaux.

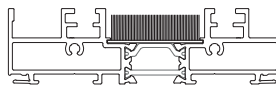
R5: Rasgo Hole Rainure 5x30mm
R8: Rasgo Hole Rainure 6x30mm
R9: Rasgo Hole Rainure 6x30mm
R10: Rasgo Hole Rainure 4x25mm
R11: Rasgo Hole Rainure 5x40mm



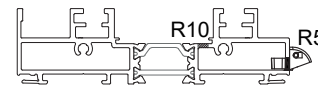
Corte | Cut | Coupe A-A



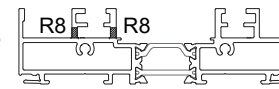
Corte | Cut | Coupe B-B



Corte | Cut | Coupe C-C



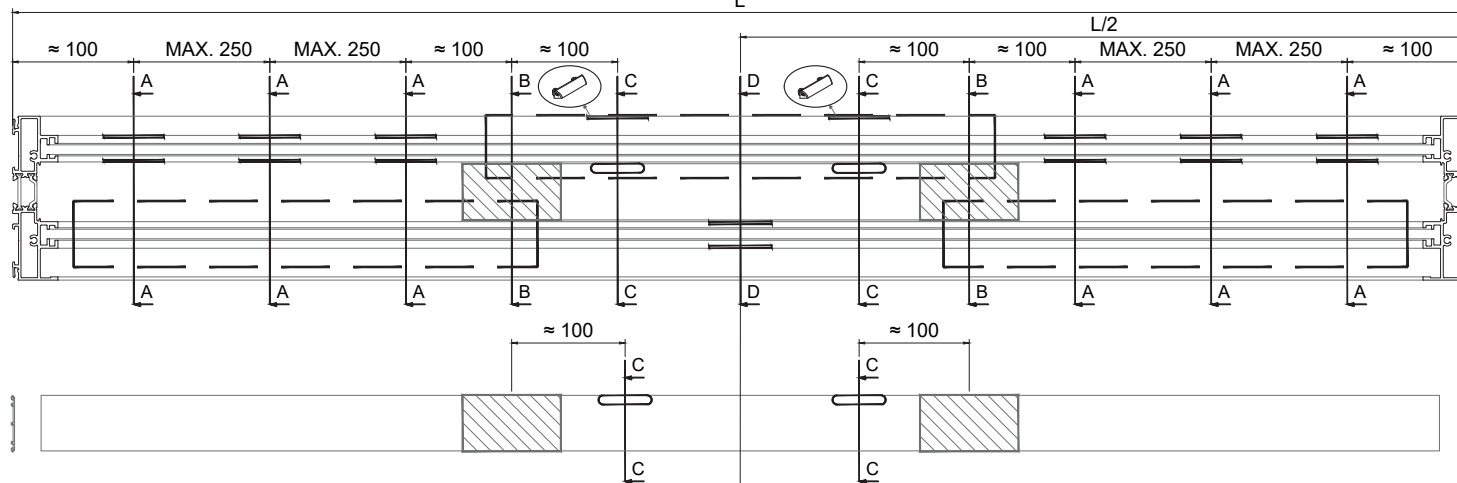
Corte | Cut | Coupe D-D



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.

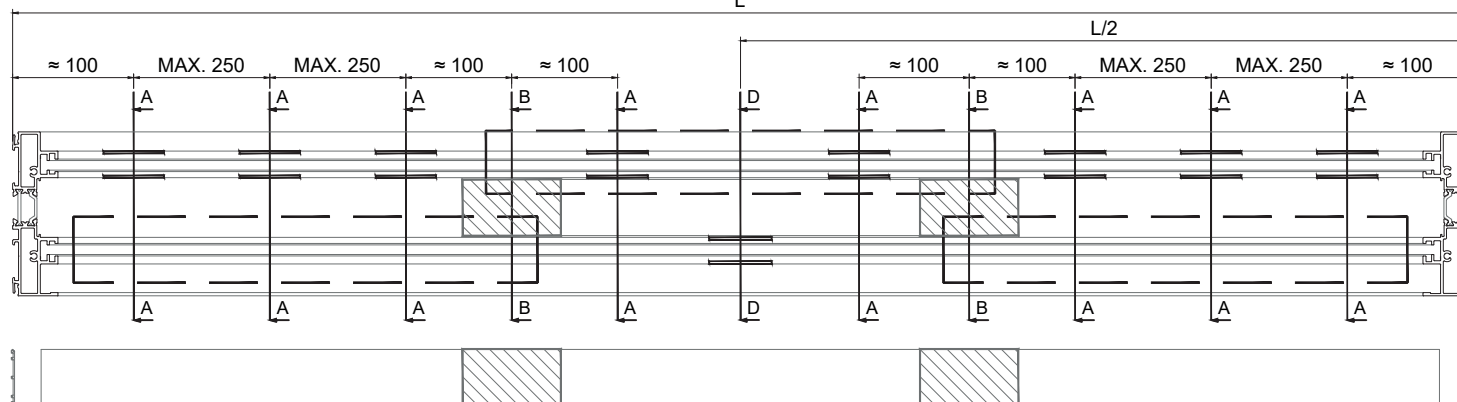
Without SV-E frontal drip.

Sans gouttière avant SV-E.

Para caixilhos abrigados da chuva

For frames sheltered from the rain

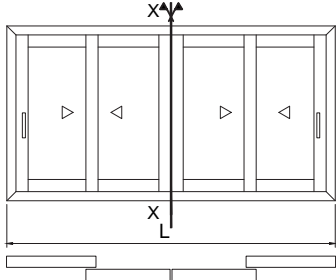
Pour les cadres à l'abri de la pluie



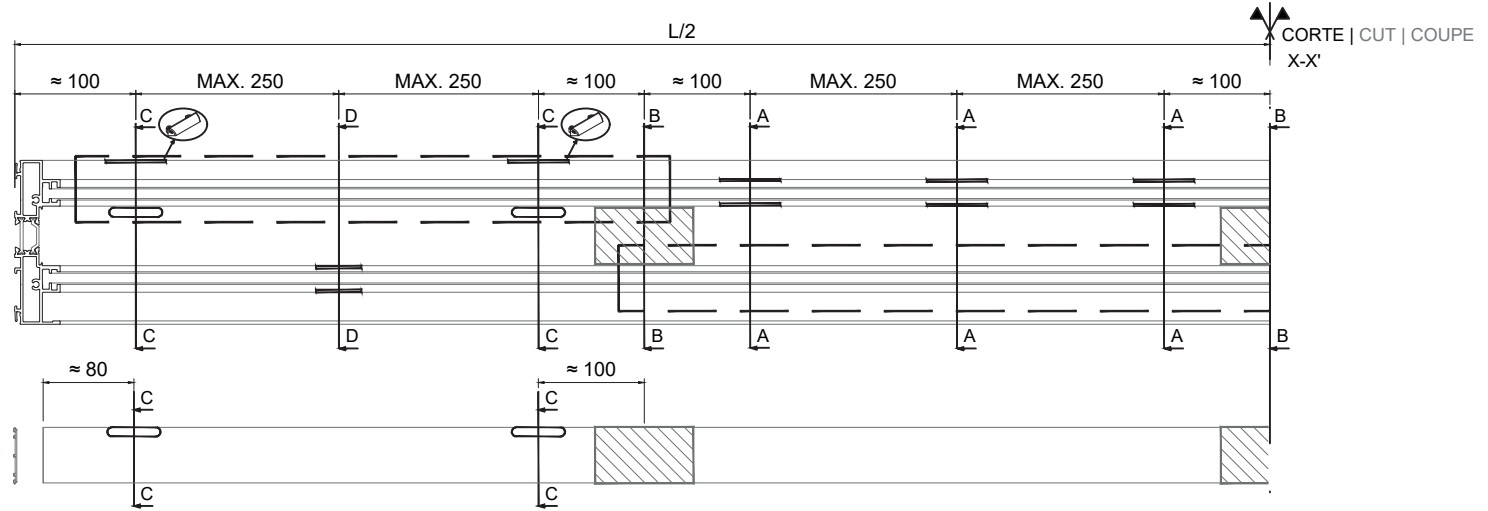
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology.
 Détails de drainage pour seuil profilé 30mm 2rail et profilé polyamide, pour les types 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.

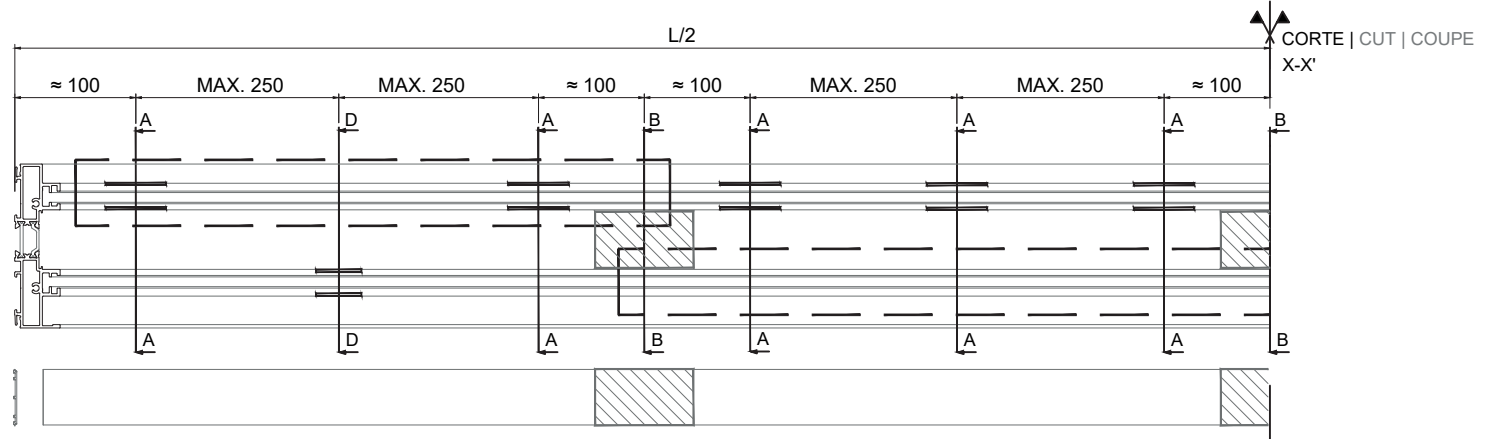


Corte | Cut | Coupe C-C



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



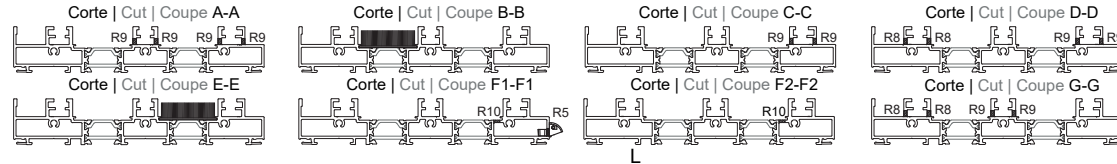
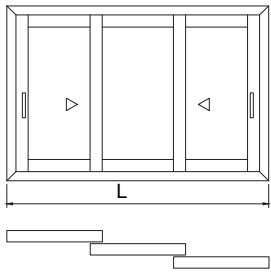
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

13 - Pormenores de drenagem para o perfil soleira 30mm 3rail e perfis poliamida, para tipologias de 3 folhas.

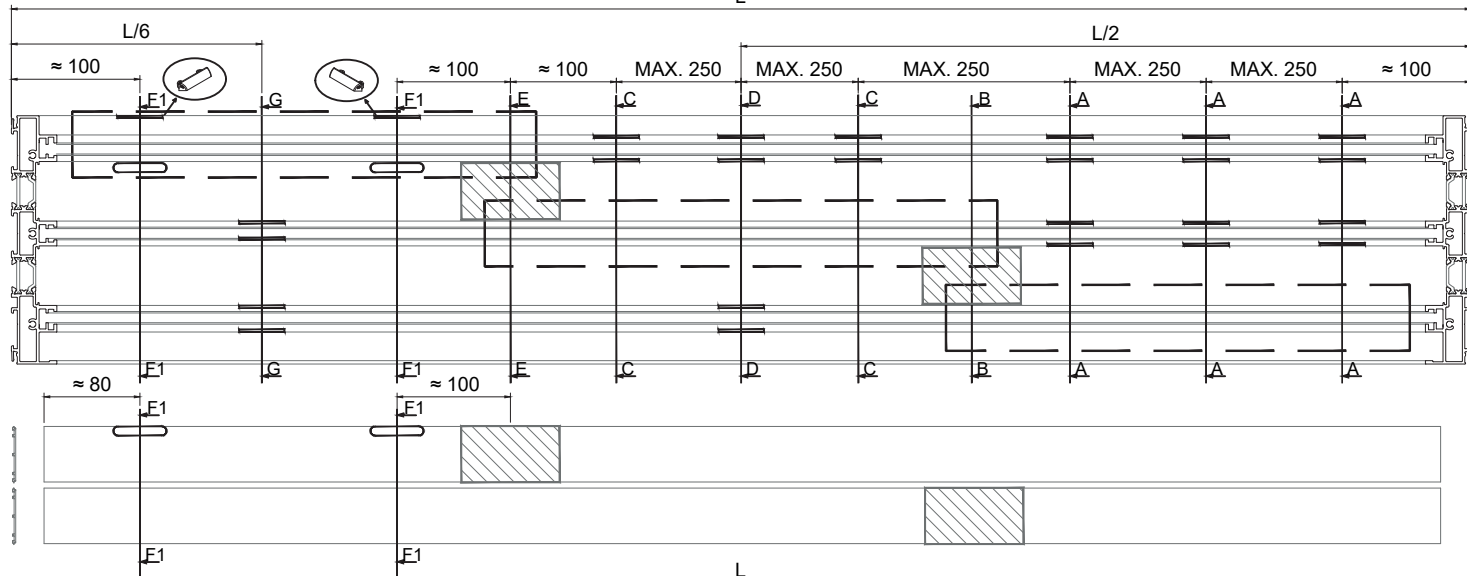
Drainage details of 3rail 30mm sill profile and polyamide profiles, for 3 sashes typology.

Détails de drainage pour seuil profilé 30mm 3rail et profilés polyamide, pour les types 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

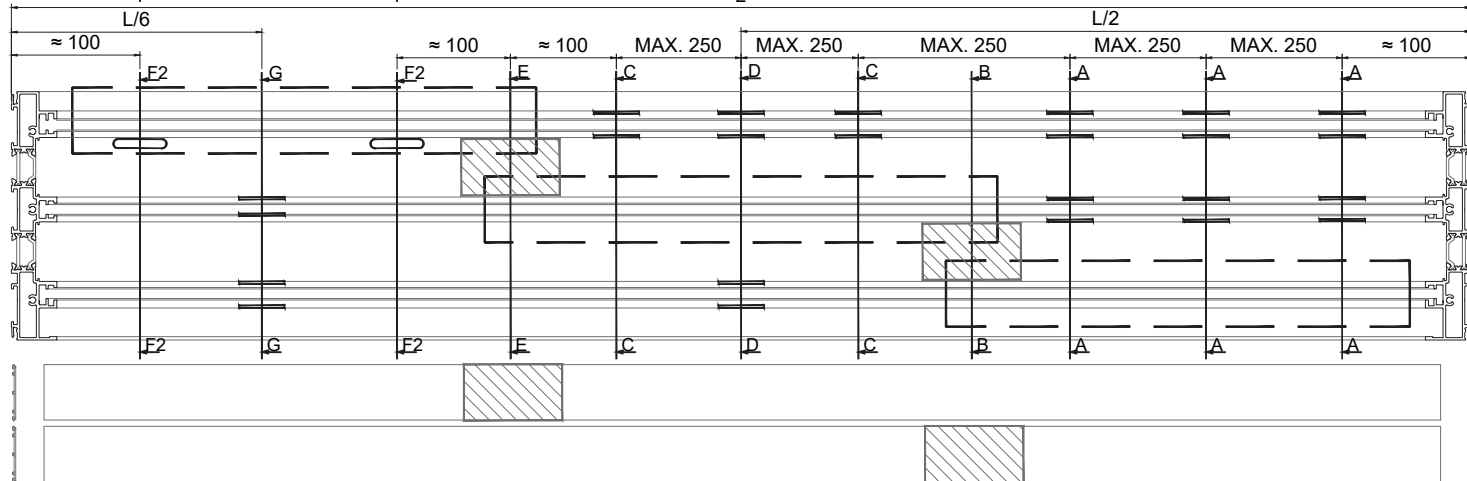


13.1 - Com goteira frontal SV-E.
 With SV-E frontal drip.
 Avec gouttière avant SV-E.



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 TIPOLOGIE

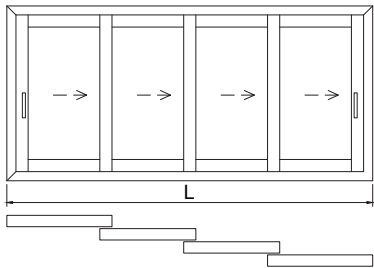
14 - Pormenores de drenagem para o perfil soleira 30mm 4rail e perfis poliamida, para tipologias de 4 folhas.

Drainage details of 4rail 30mm sill profile and polyamide profiles, for 4 sashes typology.

Détails de drainage pour seuil profilé 30mm 4rail et profilés polyamide, pour les types 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

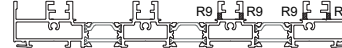
14.1 - Com goteira frontal SV-E.
 With SV-E frontal drip.
 Avec gouttière avant SV-E.



Corte | Cut | Coupe F-F



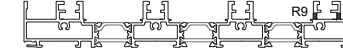
Corte | Cut | Coupe A-A



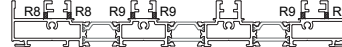
Corte | Cut | Coupe B-B



Corte | Cut | Coupe C-C



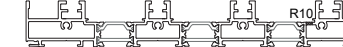
Corte | Cut | Coupe D-D



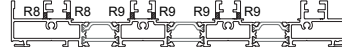
Corte | Cut | Coupe E-E



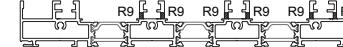
Corte | Cut | Coupe F-F



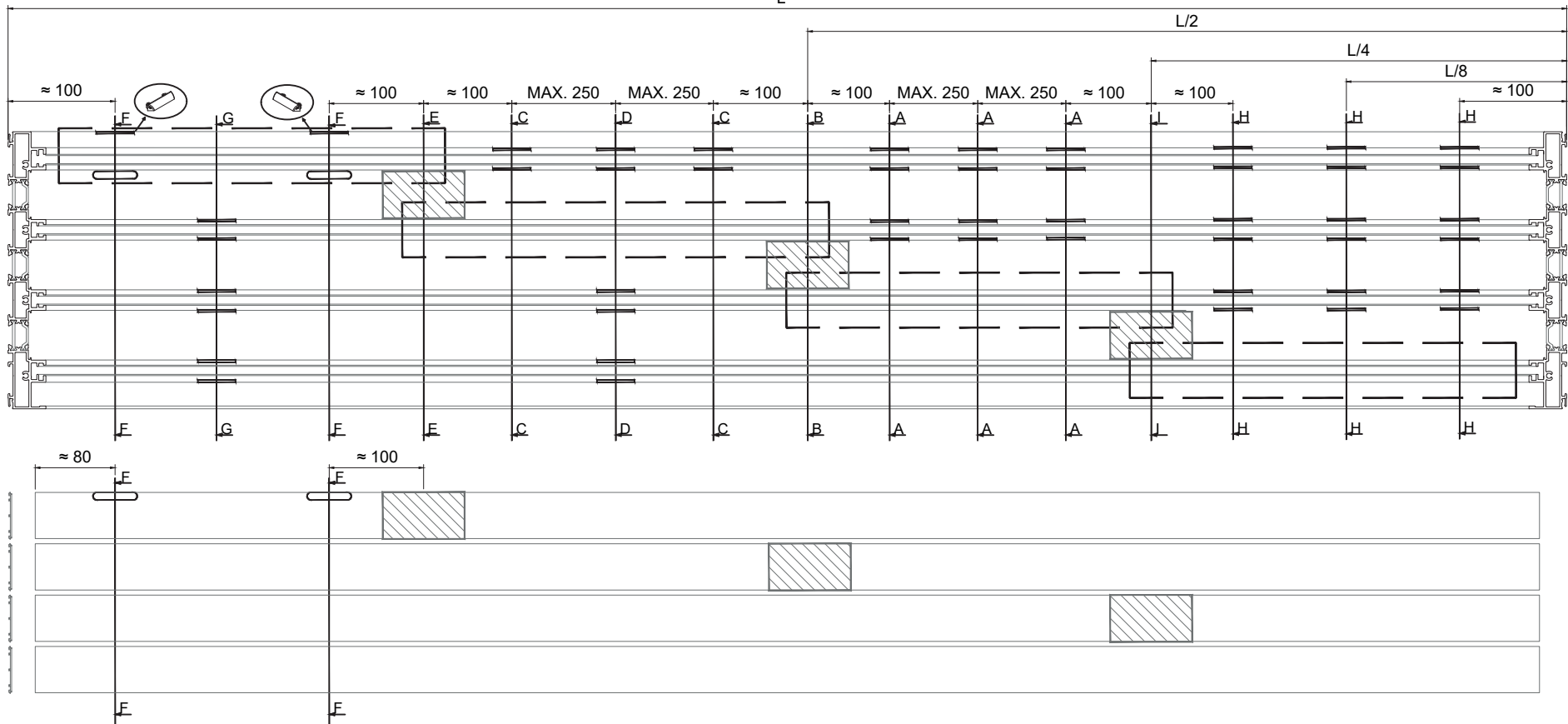
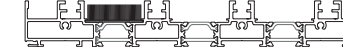
Corte | Cut | Coupe G-G



Corte | Cut | Coupe H-H



Corte | Cut | Coupe I-I



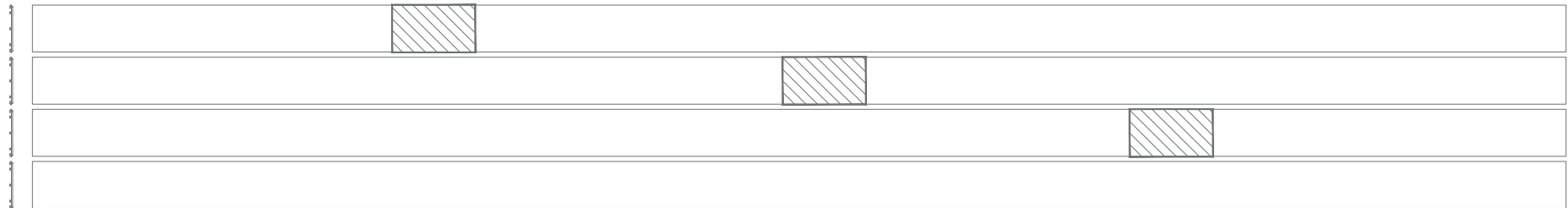
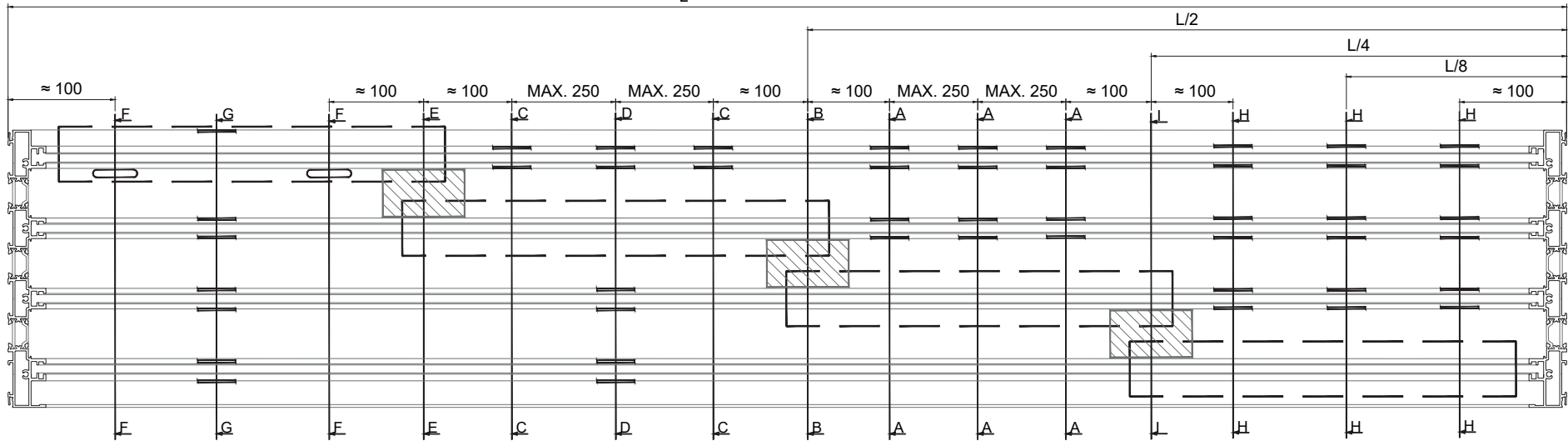
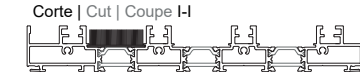
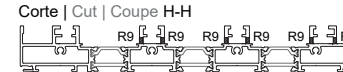
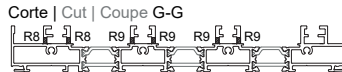
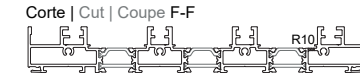
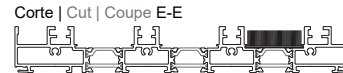
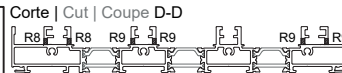
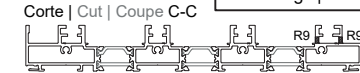
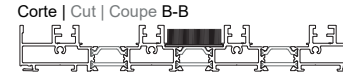
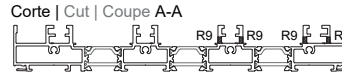
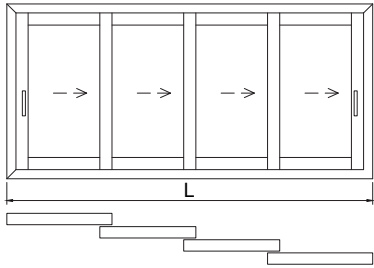
DRENAGENS POR TIPOLOGIA
DRAINAGE BY FRAME TYPOLOGY
DRAINAGE PAR TYPOLOGIE

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 typology.
 Détails de drainage pour seuil profilé 30mm 4rail et profilés polyamide, pour les types 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



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.

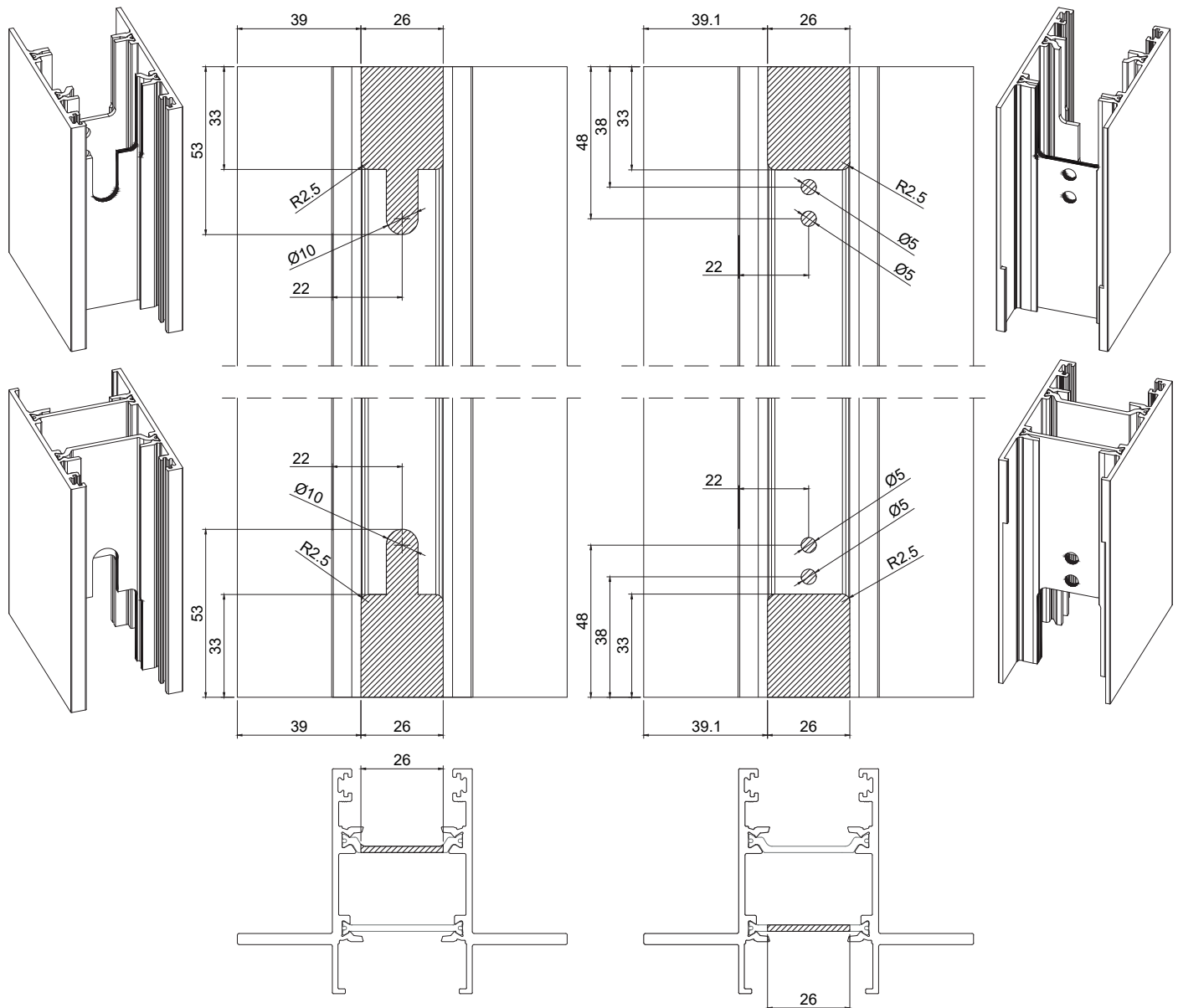
Lateral profiles milling for placing the lateral upper and lower end-caps.

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

Maquinação realizada no Cortante

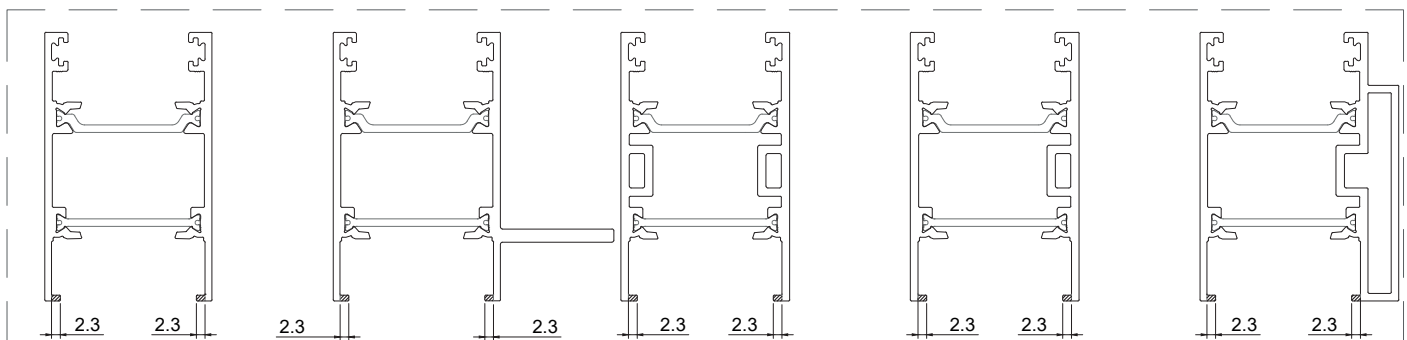
Machining performed on Punching tool

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.

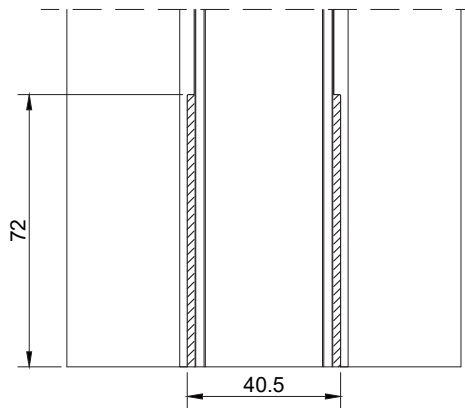
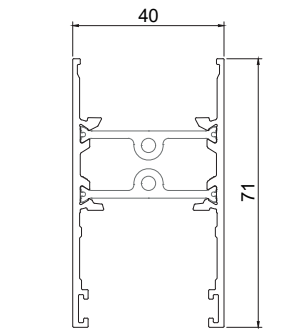
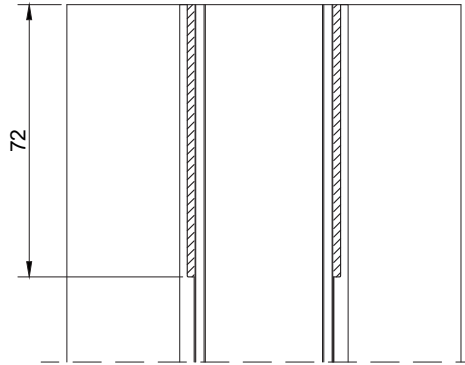
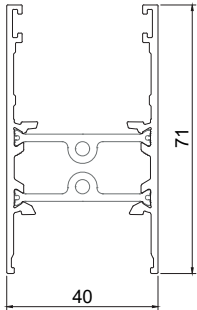
Lateral profiles milling for placing the upper and lower transoms.

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

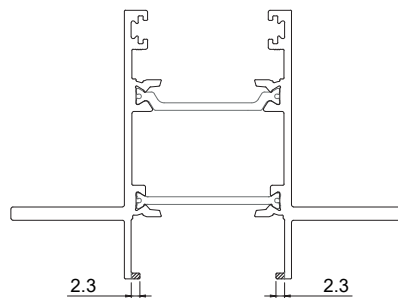
Maquinação realizada no Cortante
Machining performed on Punching tool
Usinage réalisée dans l'Outil

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.

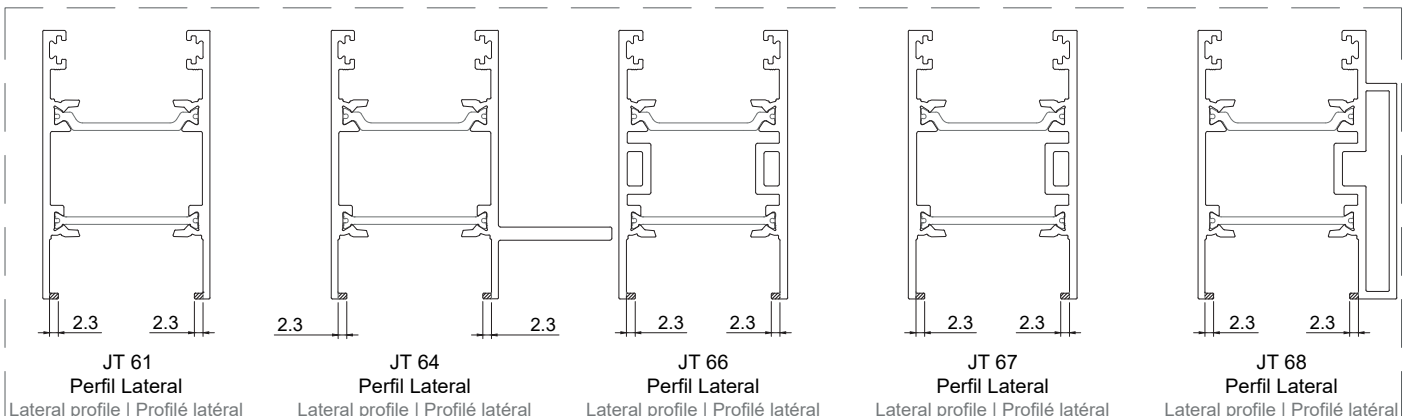
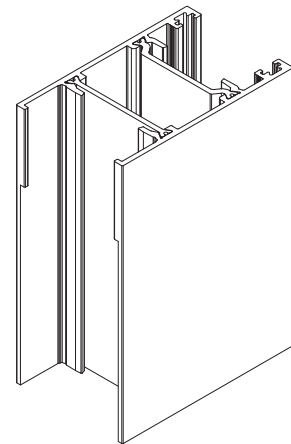
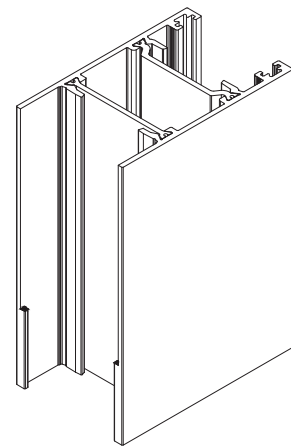
JT 63
Travessa superior
Upper transom | Traverse supérieur



JT 63
Travessa inferior
Lower transom | Traverse inférieur



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

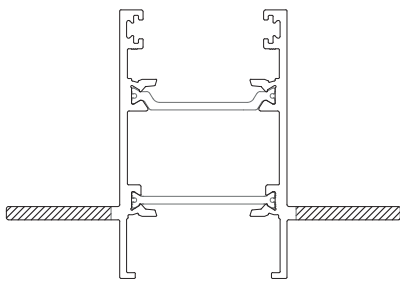
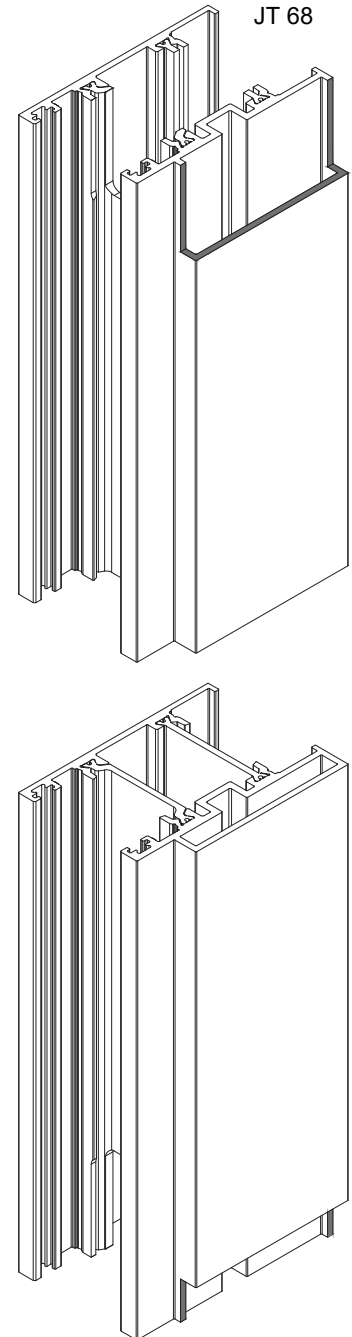
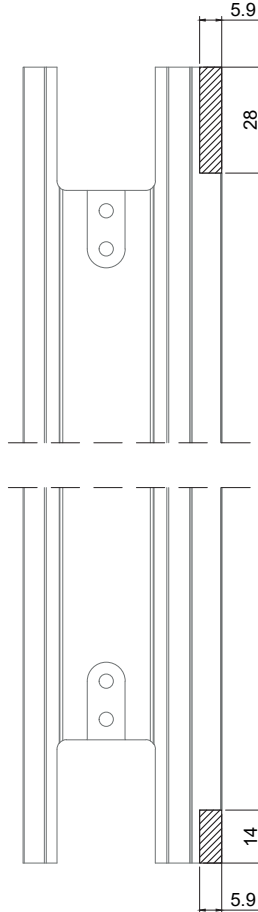
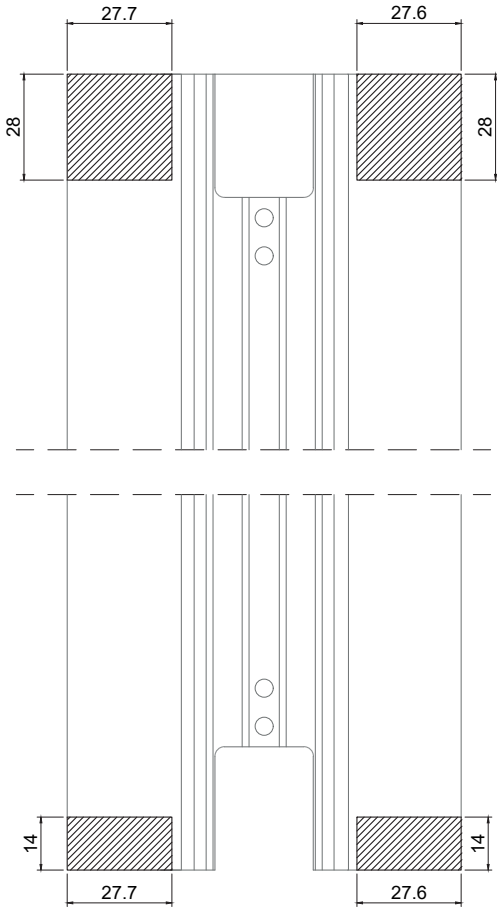
MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

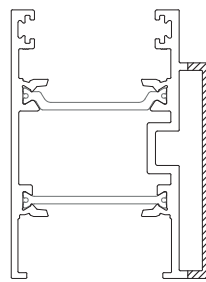
3 - Fresagem dos perfis laterais JT64, JT65 e JT 68.

JT64, JT 65 and JT 68 lateral profiles milling.

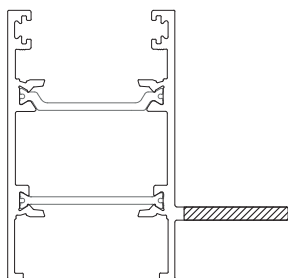
Fraisage des profilés laterales JT64, JT65 et JT68.



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.

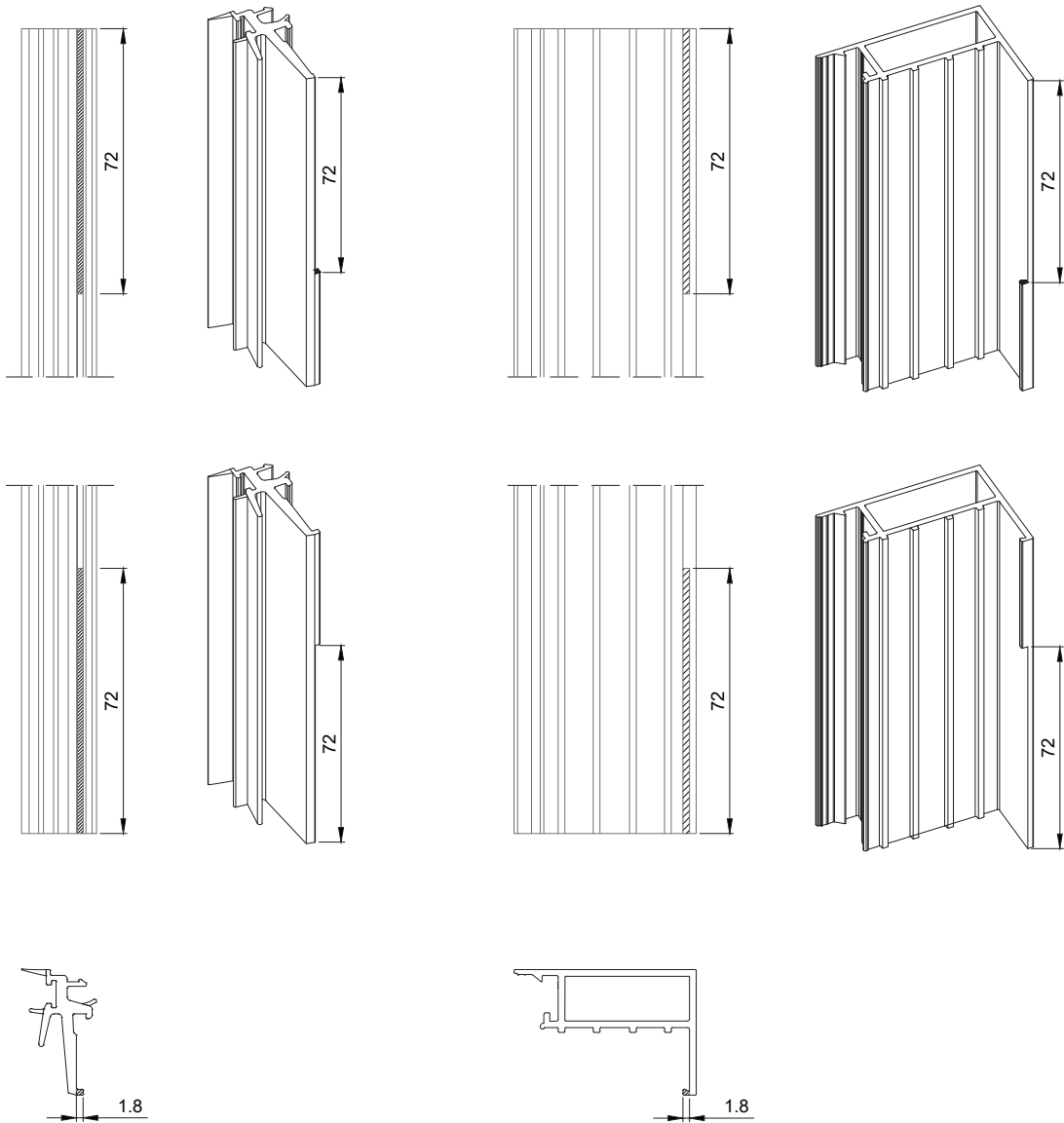
Seguir este procedimento em todos os perfis centrais.

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.

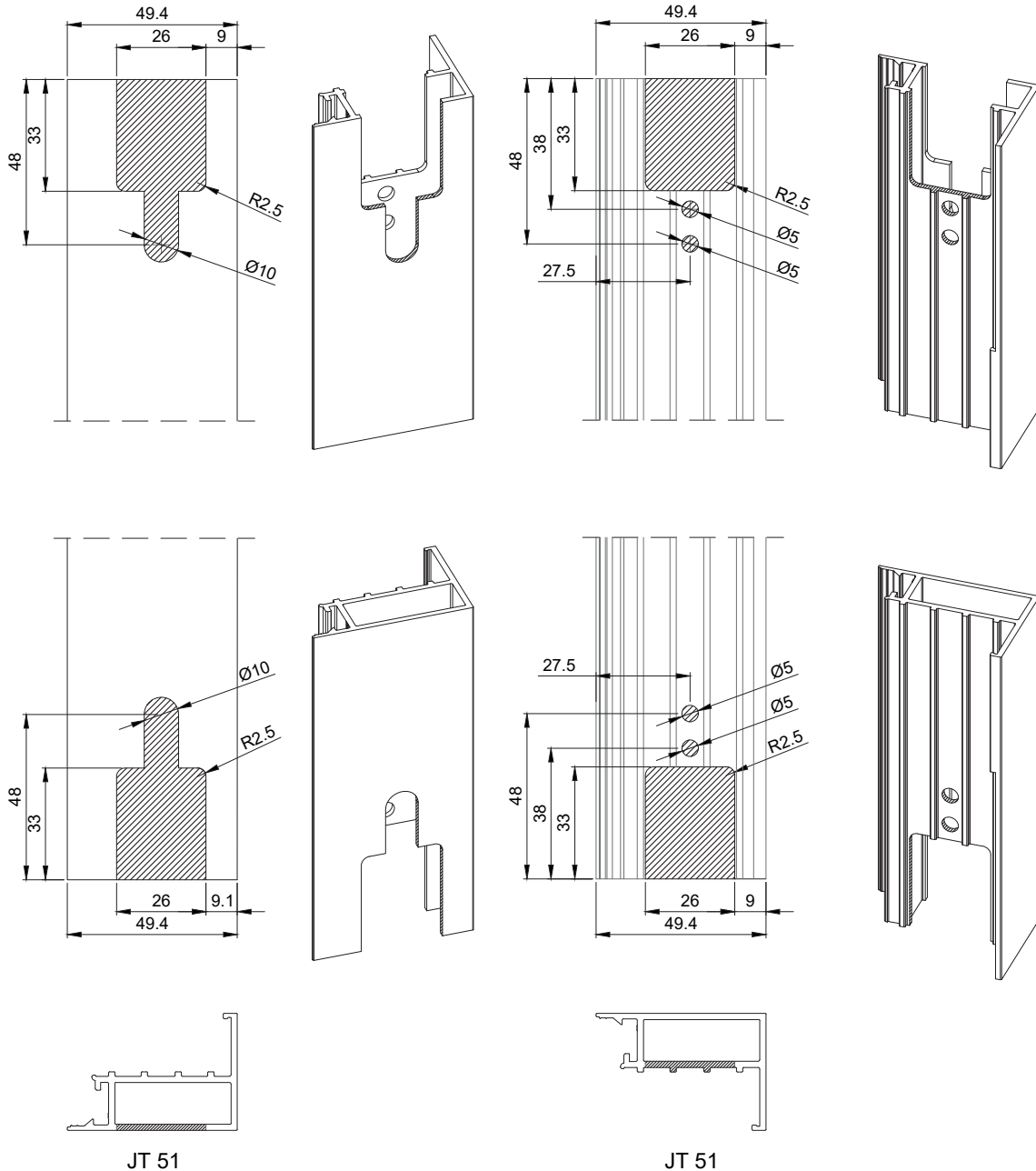
Seguir este procedimento em todos os perfis centrais.

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.

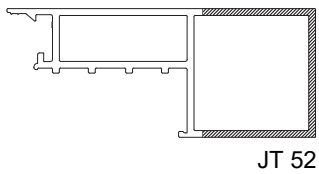
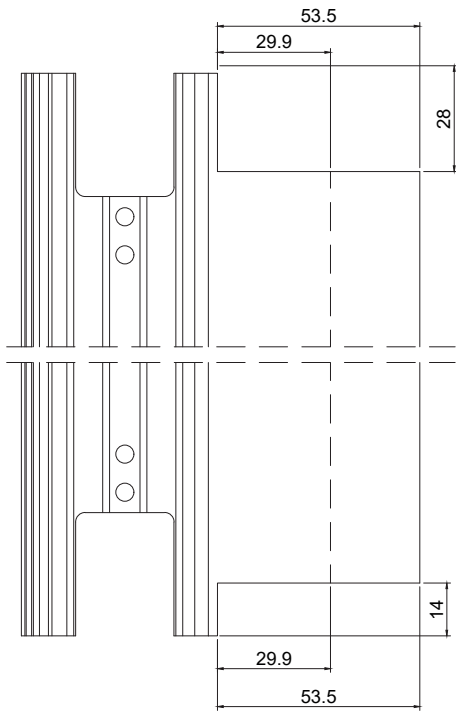
Seguir este procedimento em todos os perfis centrais.

Reinforcement central profile milling.

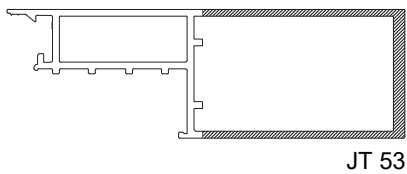
Follow this procedure in all central profiles.

Fraisage des profilés de renfort centraux.

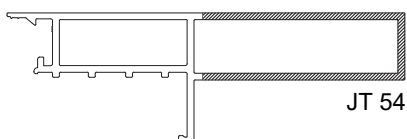
Suivre cette procédure sur tous les profilés centraux.



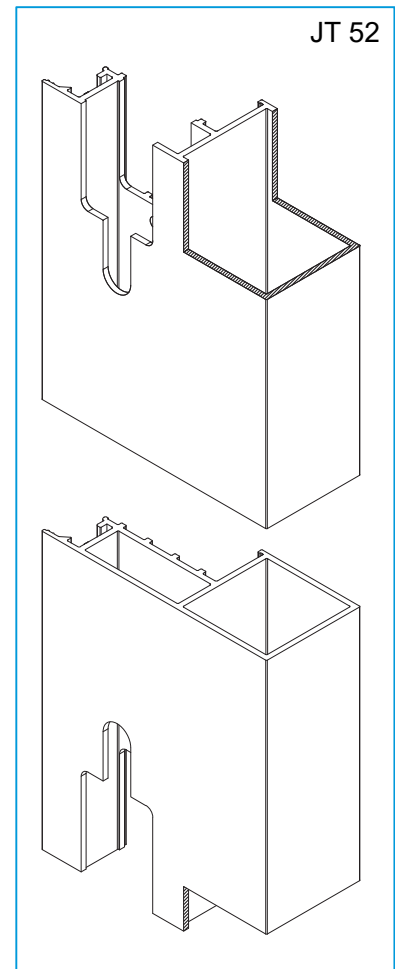
JT 52



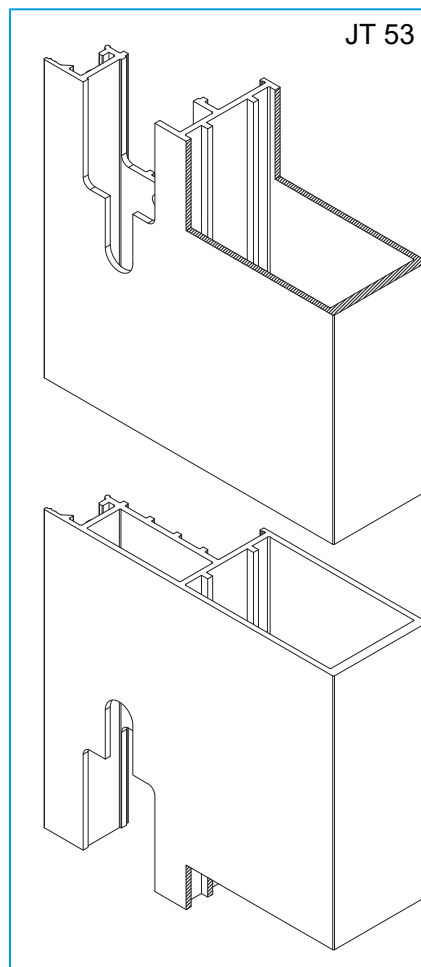
JT 53



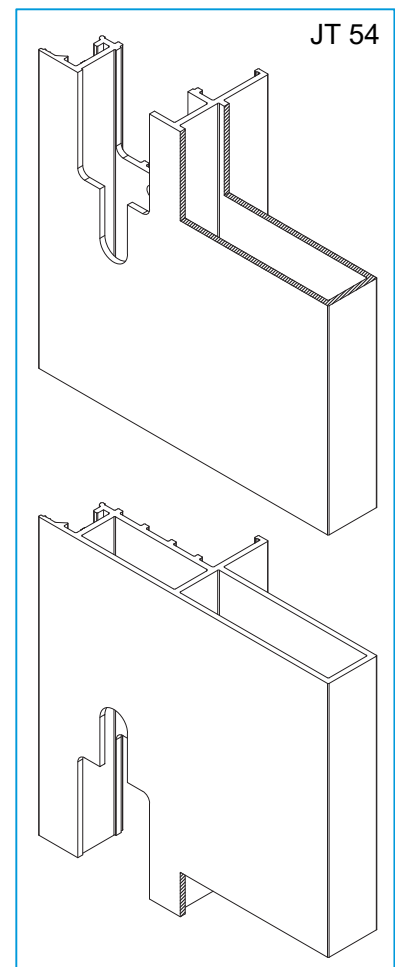
JT 54



JT 52



JT 53



JT 54

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

7 - Aplicação do limitador de abertura na travessa inferior JT 63.

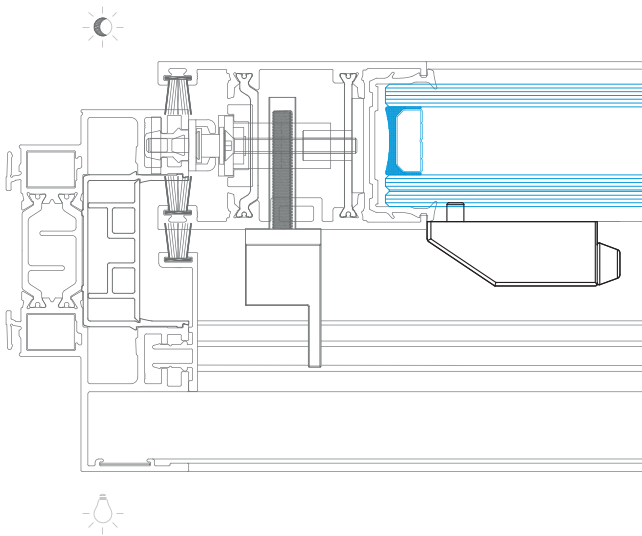
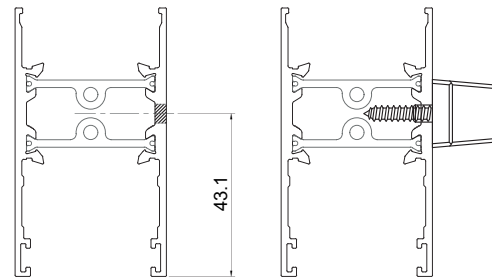
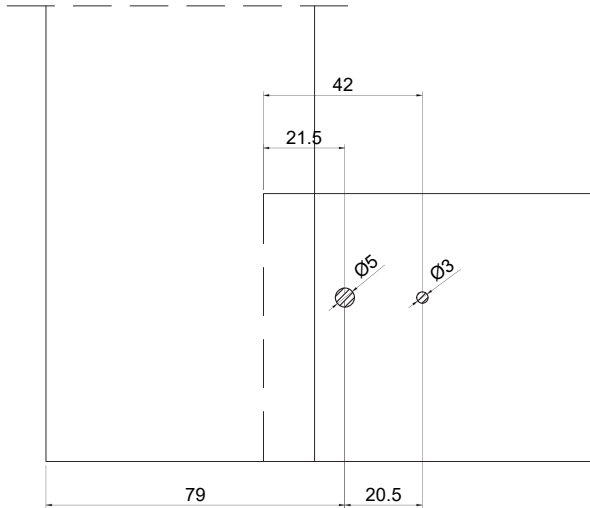
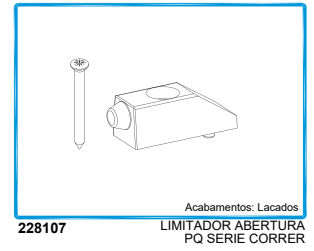
Opening limiter application on the lower transom JT 63.

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.

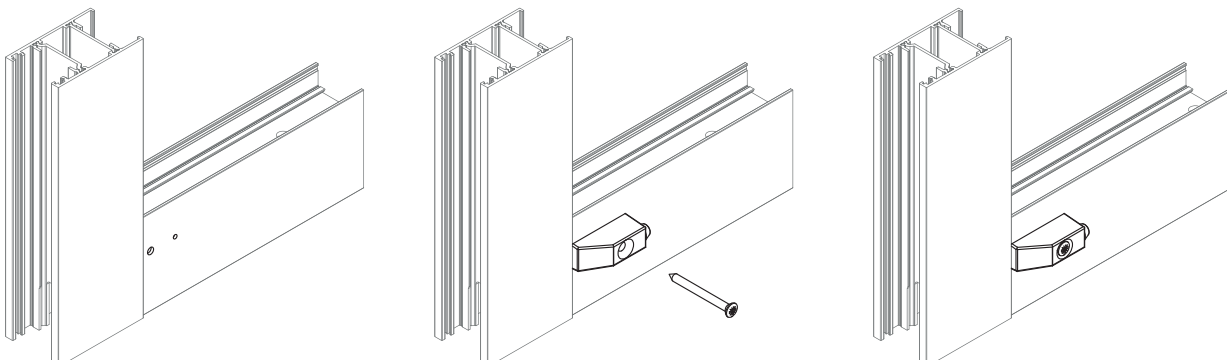
Variable measure by means of handle to be applied.

Mesure variable utilisant la crémonne à appliquer.

6.2 - Aparafusar o limitador de abertura à travessa.

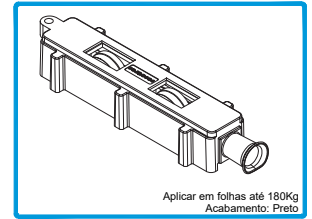
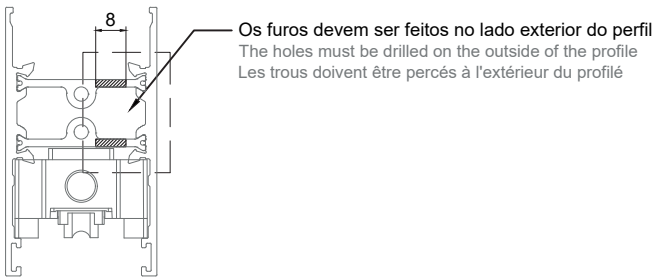
Screw the opening limiter to the transom.

Visser le limiteur d'ouverture sur la traverse.

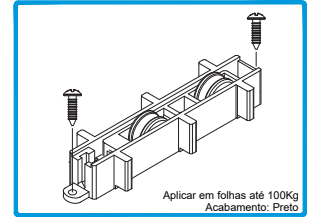


MAQUINAÇÕES DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES MACHINING
USINAGE DES PROFILÉS OUVRANT

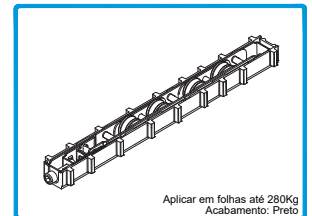
8 - Furação para drenagens e descompressão e aplicação dos carrinhos.
Drainage and decompression drilling and rollers application.
Perçage pour drainage et décompression et application des roulettes.



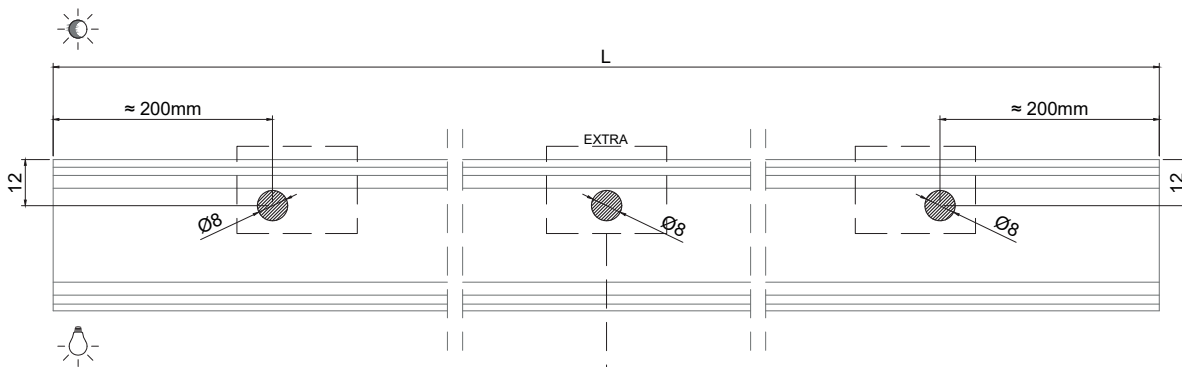
205129 CARRINHO JT 180KG
Aplicar em folhas até 180Kg
Acabamento: Preto



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 Hardwares.

Serrures 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.

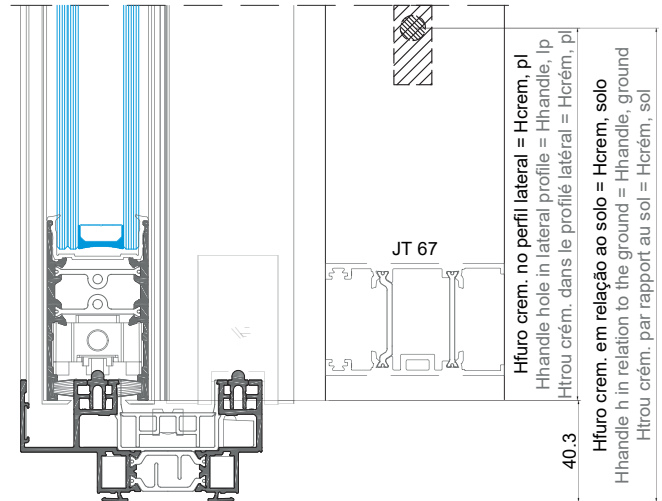
Hcrem, pl = Hcrem, solo - 40mm
Hhandle, lp = Hhandle, ground - 40mm
Hcrem, pl = Hcrem, sol - 40mm

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.

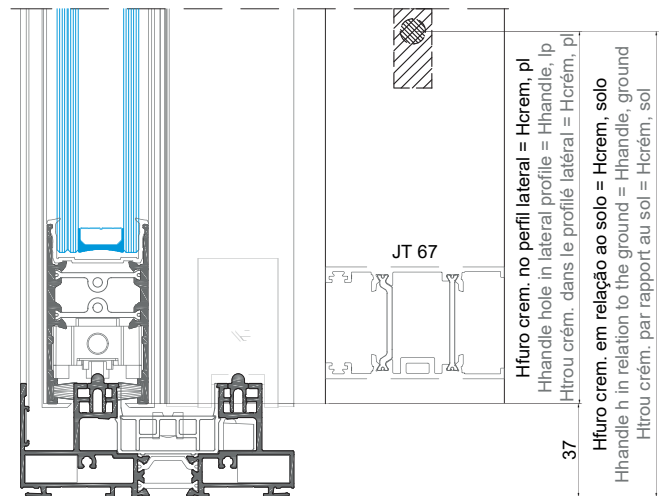
Hcrem, pl = Hcrem, solo - 37mm
Hhandle, lp = Hhandle, ground - 37mm
Hcrem, pl = Hcrem, sol - 37mm

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.

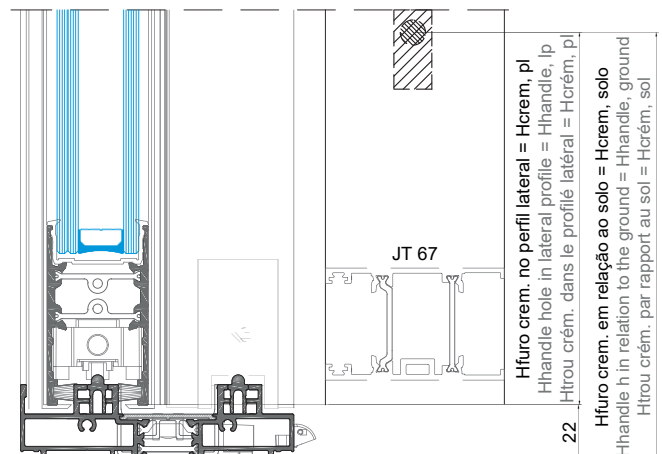
Hcrem, pl = Hcrem, solo - 22mm
Hhandle, lp = Hhandle, ground - 22mm
Hcrem, pl = Hcrem, sol - 22mm

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.



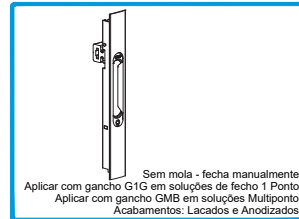
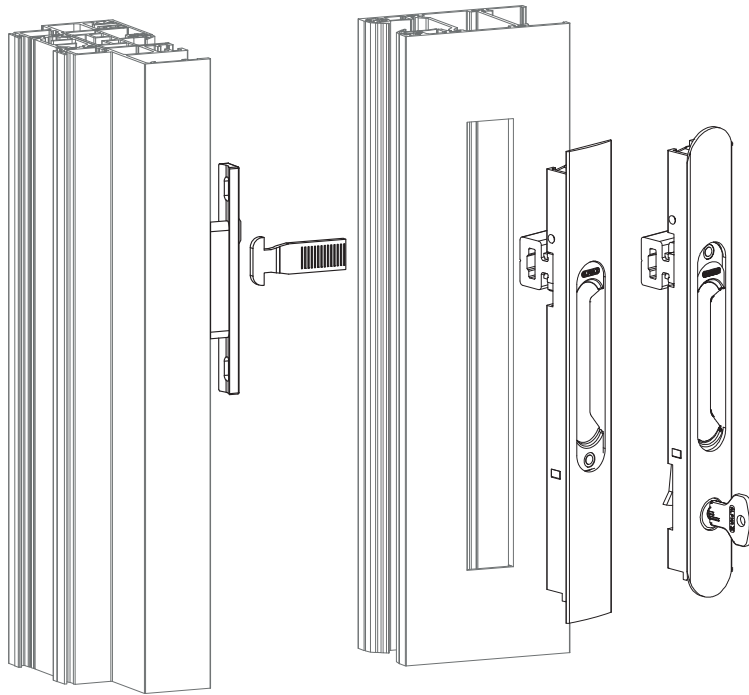
MAQUINAÇÕES DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES MACHINING
USINAGE DES PROFILÉS OUVRANT

10 - Ferragem 1 ponto ALU.

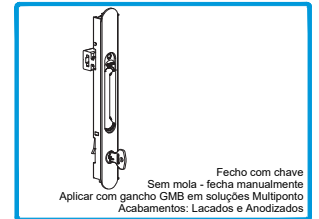
ALU 1 point Hardware.
Serrure 1 point ALU.

10.1 - Maquinações e esquema de aplicação.

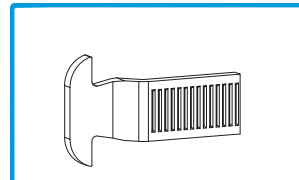
Machining and application scheme.
Usinage et schéma d'application.



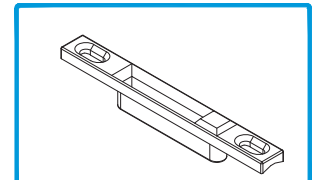
201380 FECHO DE EMBUTIR R251X



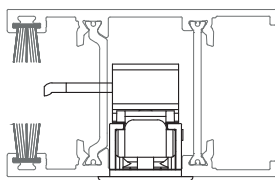
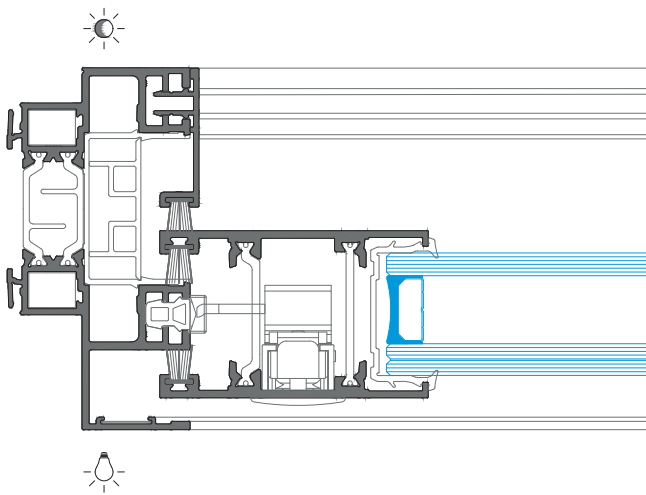
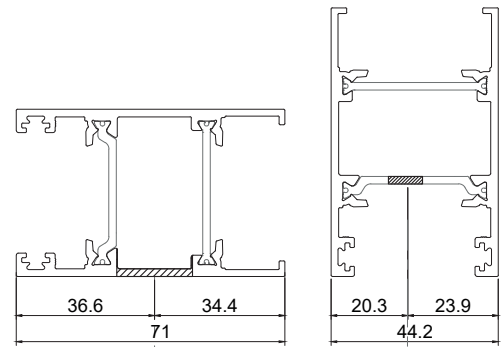
201381 FECHO DE EMBUTIR C/ CHAVE 253IX



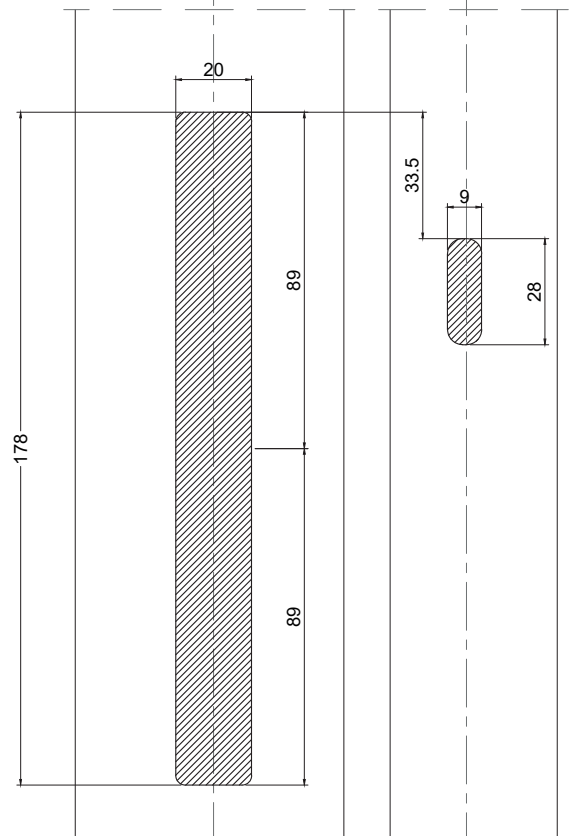
204715 GANCHO LIG. G1G



202085 CONTRA-FECHO 2070.870



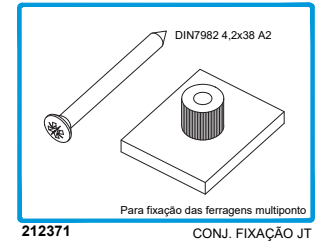
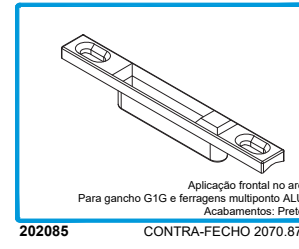
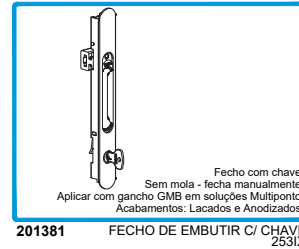
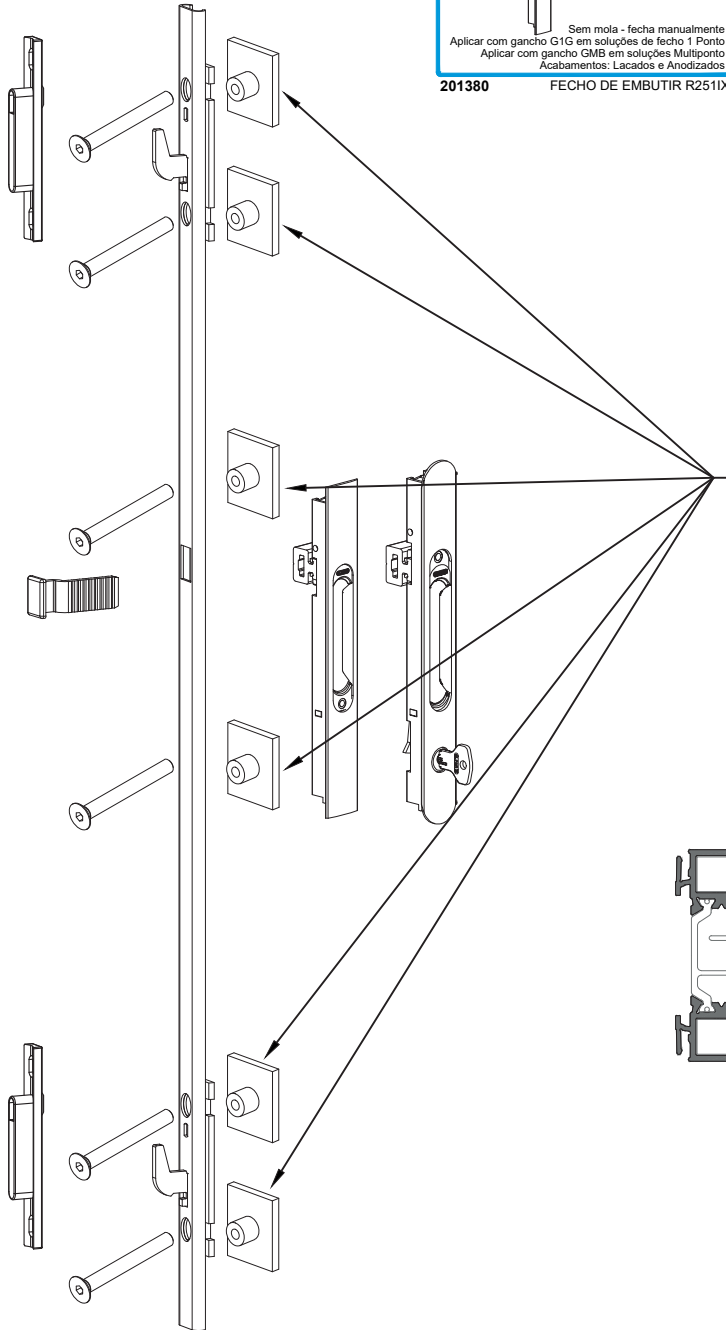
JT 61
Perfil Lateral
Lateral profile | Profilé latéral



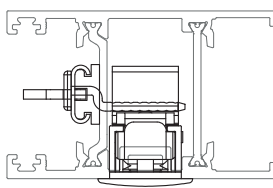
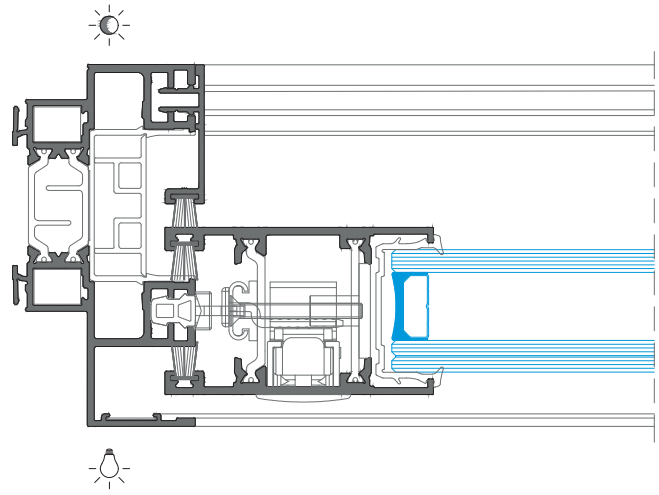
MAQUINAÇÕES DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES MACHINING
USINAGE DES PROFILÉS OUVRANT

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

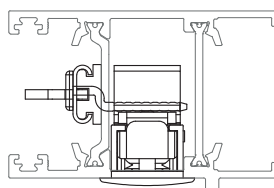
11.1 - Esquema de aplicação.
Application scheme.
Schéma d'application.



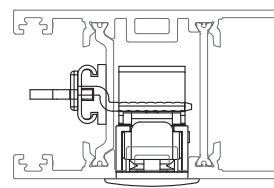
Estas peças devem ser coladas ao perfil móvel.
These parts must be glued to the mobile profile.
Ces pièces doivent être collées au profilé mobile.



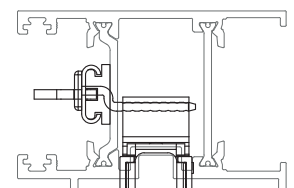
JT 61
Perfil Lateral
Lateral profile | Profilé latéral



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.

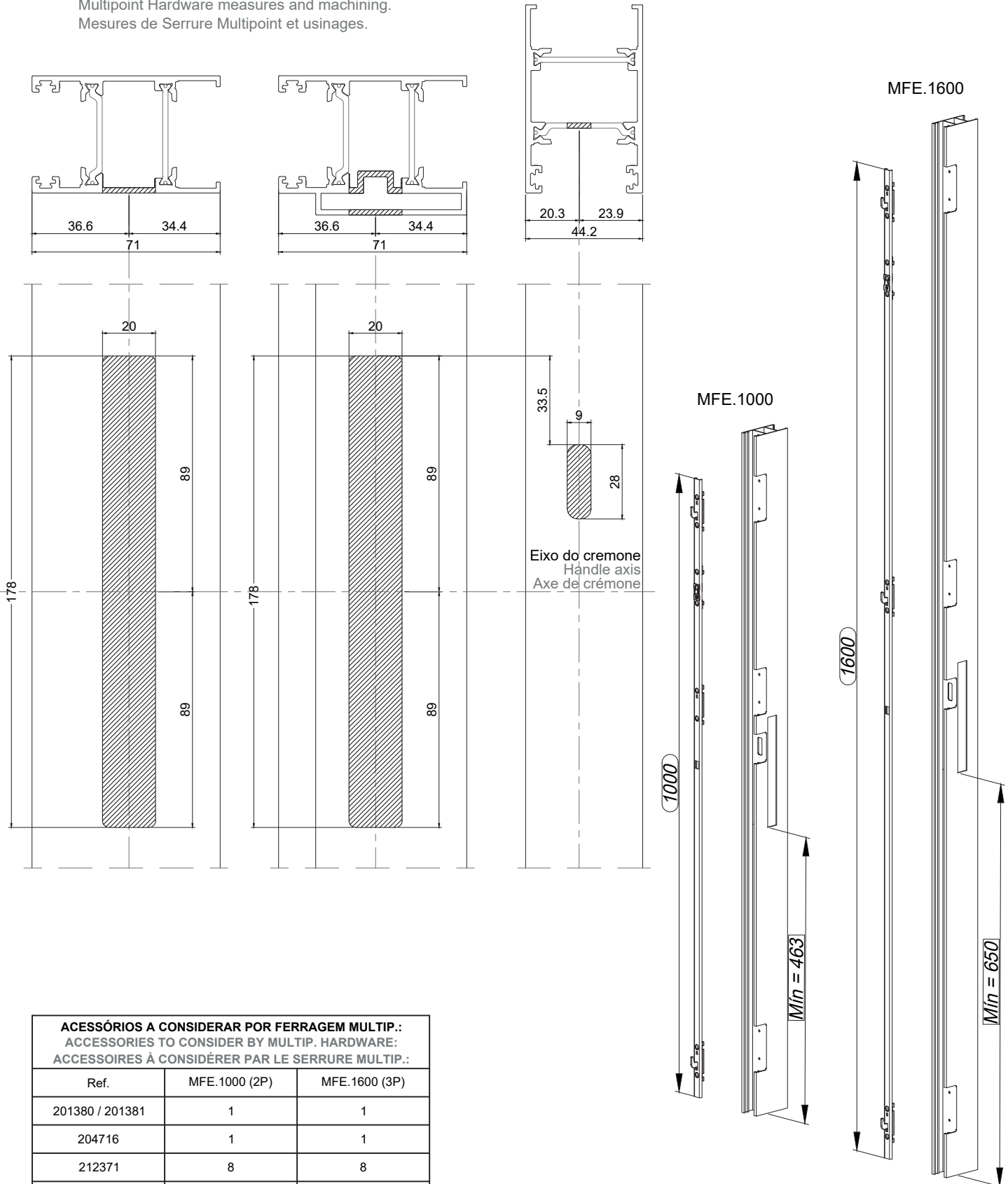
ALU MFE Multipoint Hardware.

Serrure Multipoint MFE ALU.

11.2 - Medidas das Ferragens Multiponto e maquinações.

Multipoint Hardware measures and machining.

Mesures de Serrure Multipoint et usinages.



ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.: ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE: ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:		
Ref.	MFE.1000 (2P)	MFE.1600 (3P)
201380 / 201381	1	1
204716	1	1
212371	8	8
202085	2	3
212455	2	3

MAQUINAÇÕES DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

12 - Ferragem Multiponto MFCK ALU.

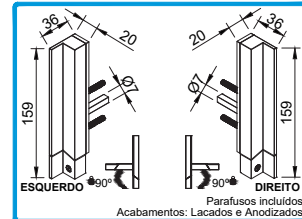
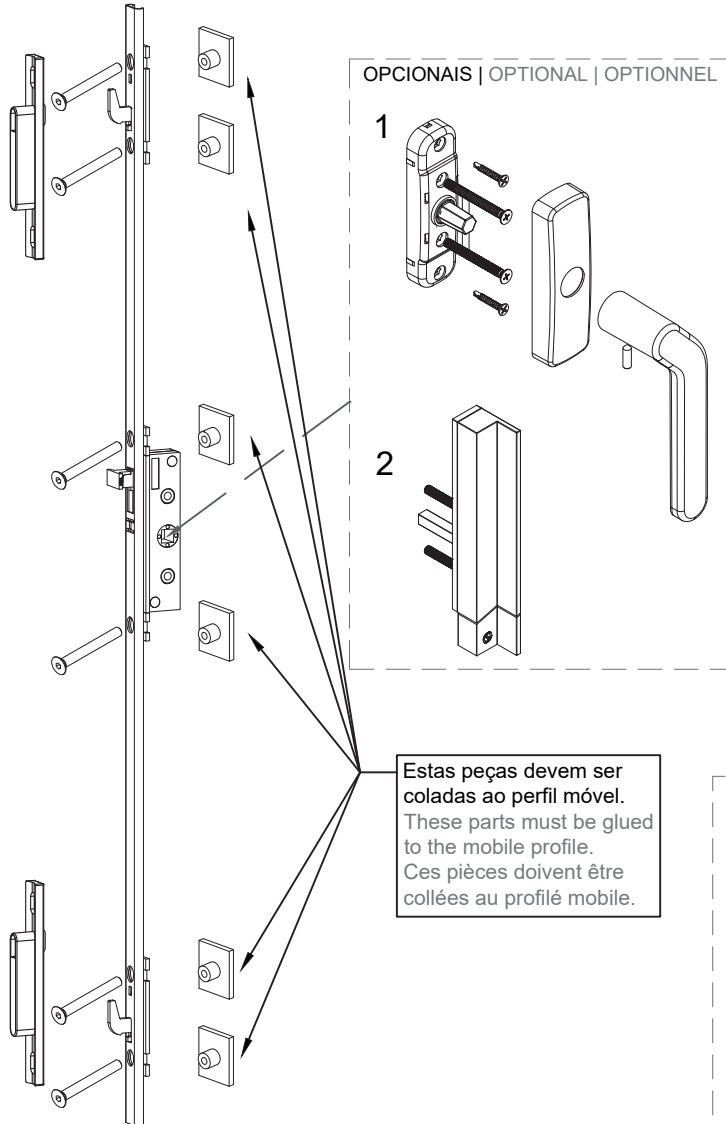
ALU MFCK Multipoint Hardware.

Serrure Multipoint MFCK ALU.

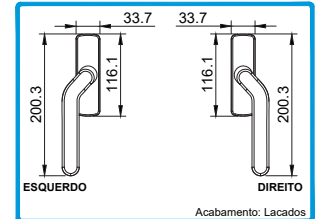
12.1 - Esquema de aplicação.

Application scheme.

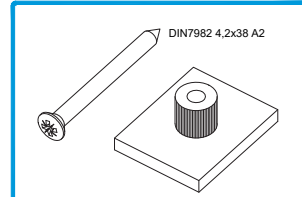
Schéma d'application.



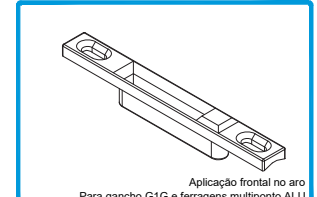
200817 PUXADOR SLIM XS (Direito)
200819 PUXADOR SLIM XS (Esquerdo)



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

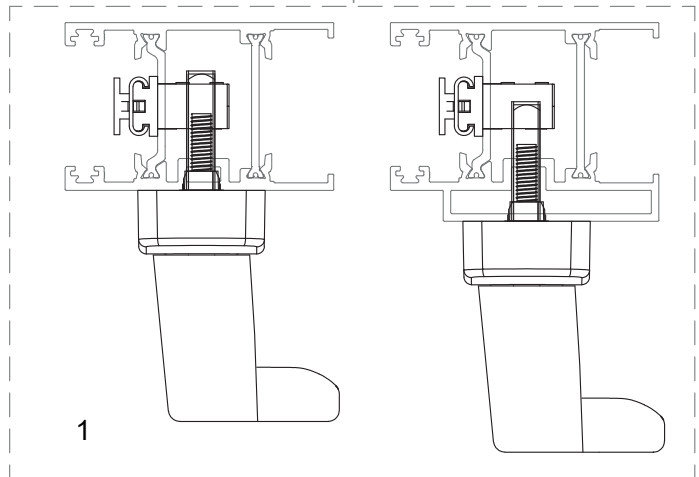


212371 CONJ. FIXAÇÃO JT

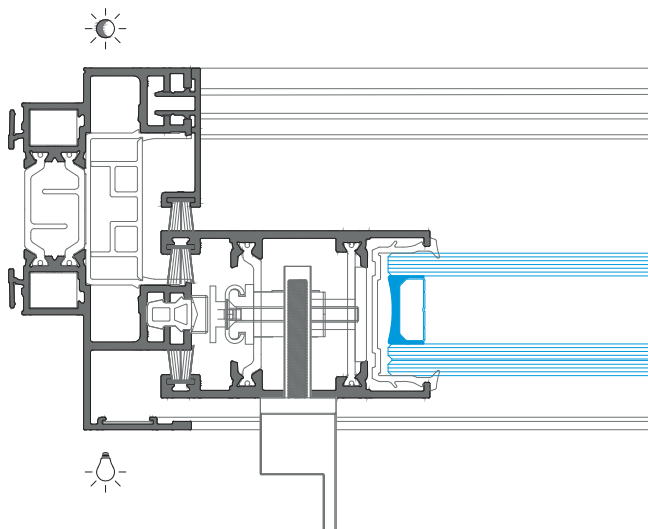
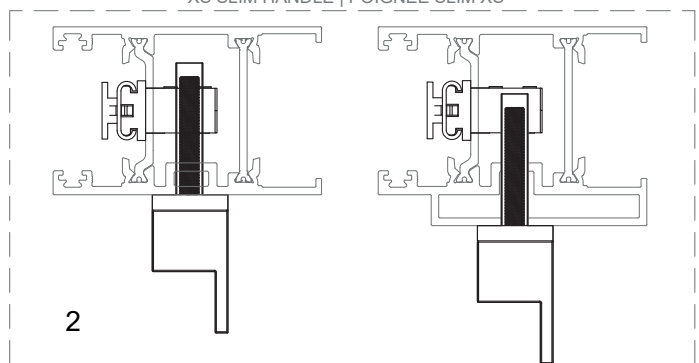


202085 CONTRA-FECHO 2070.870

CREMONE MULTIPONTO DESVIADO
DEVIATED MULTIPOINT HANDLE | CRÉMONE MULTIPOINT DÉVIÉ



PUXADOR SLIM XS
XS SLIM HANDLE | POIGNÉE SLIM XS



MAQUINAÇÕES DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES MACHINING

USINAGE DES PROFILÉS OUVRANT

12 - Ferragem Multiponto MFCK ALU.

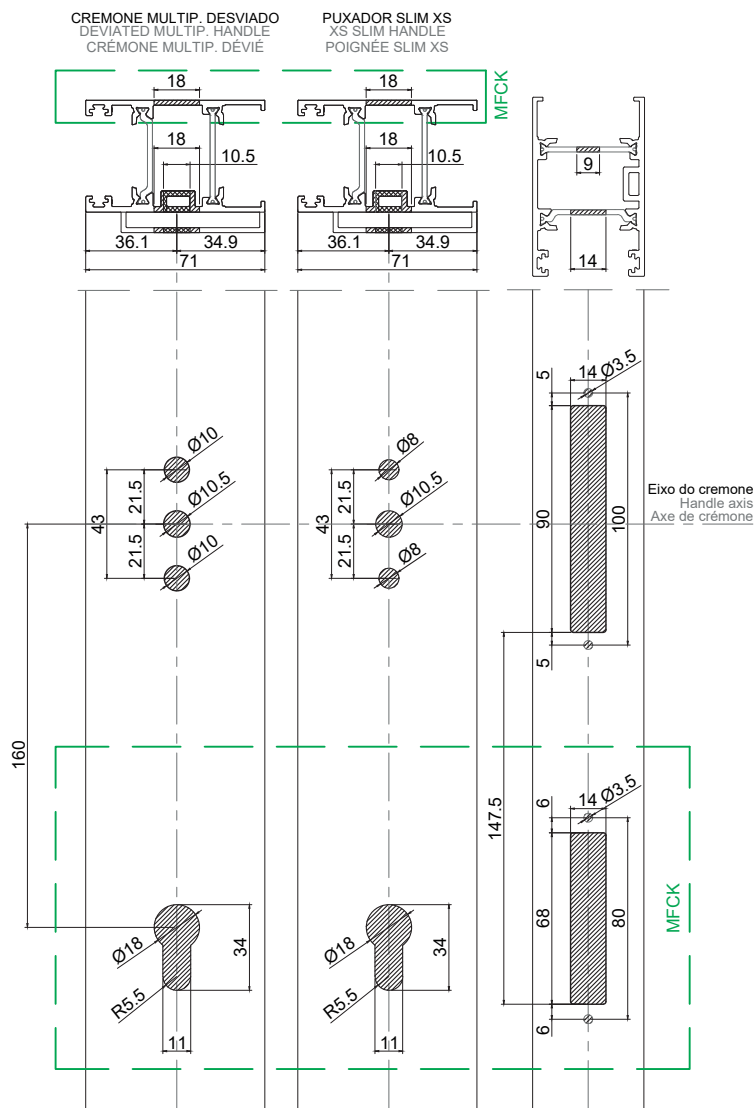
ALU MFCK Multipoint Hardware.

Serrure Multipoint MFCK ALU.

12.2 - Medidas das Ferragens Multiponto e maquinações.

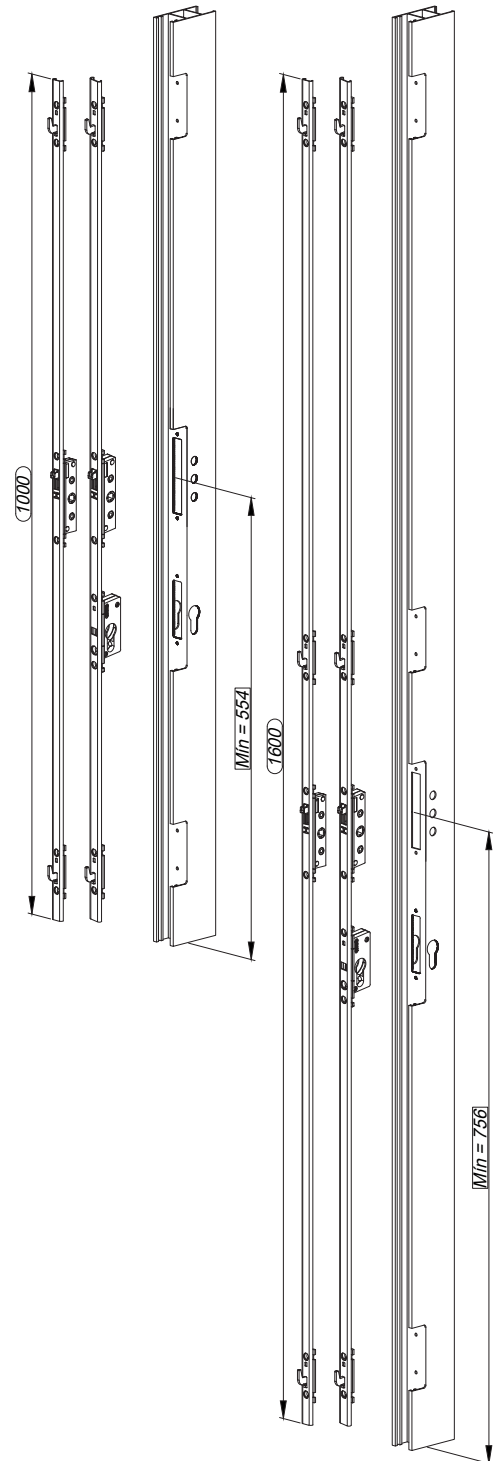
Multipoint Hardware measures and machining.

Mesures de Serrure Multipoint et usinages.



MFCK.1000

MFCK.1600



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.

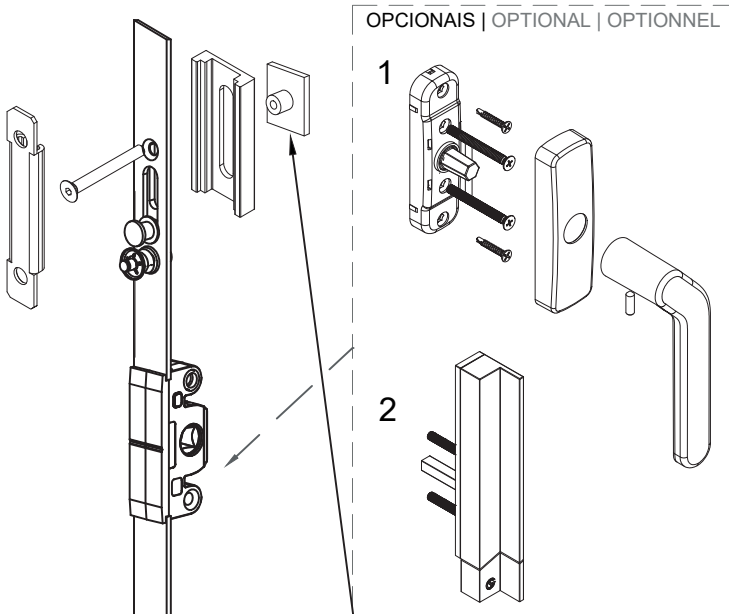
SOS Multipoint Hardware.

Serrure Multipoint SOS.

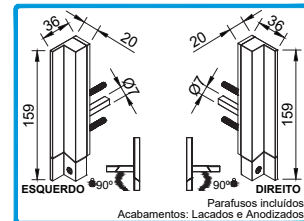
13.1 - Esquema de aplicação.

Application scheme.

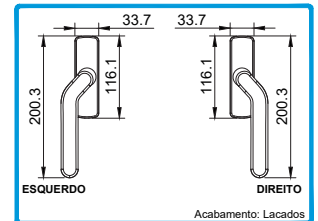
Schéma d'application.



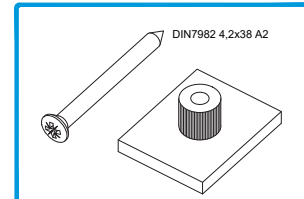
Estas peças devem ser coladas ao perfil móvel.
These parts must be glued to the mobile profile.
Ces pièces doivent être collées au profilé mobile.



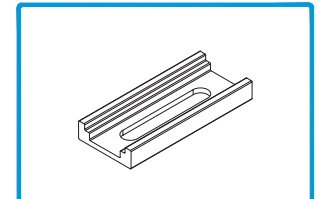
200817 PUXADOR SLIM XS (Direito)
200819 PUXADOR SLIM XS (Esquerdo)



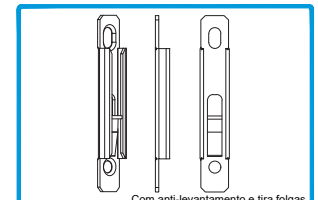
200959 CREMONE MULT. DESVIADO DIR
200939 CREMONE MULT. DESVIADO ESQ



212371 Para fixação das ferragens multiponto
CONJ. FIXAÇÃO JT

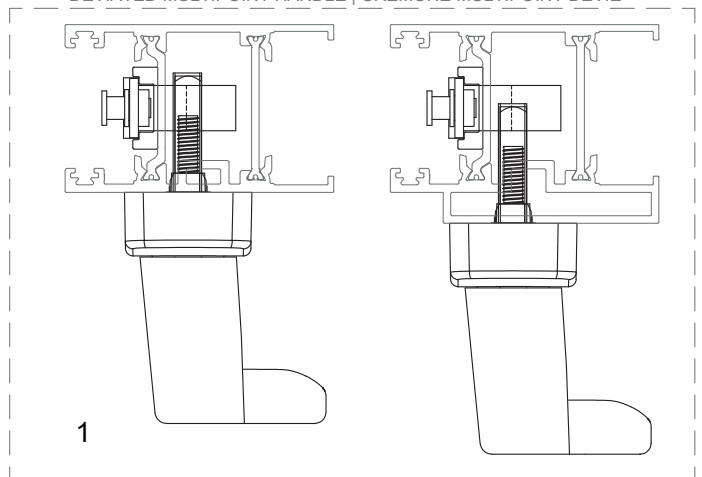


218198 Material: Poliamida | Acabamento: Preto

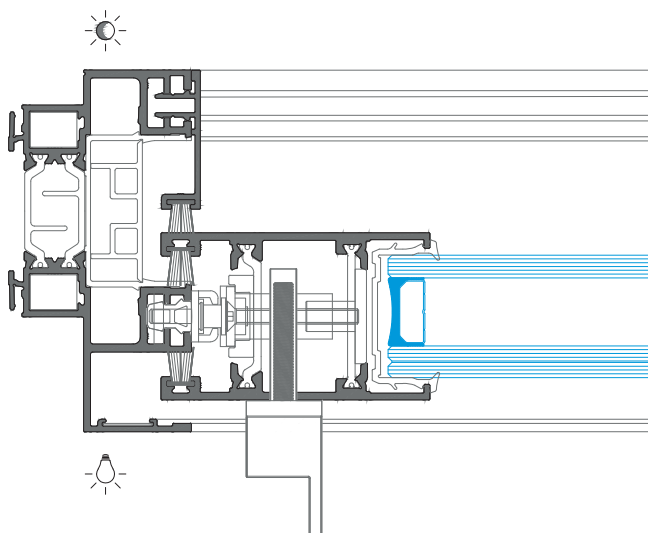
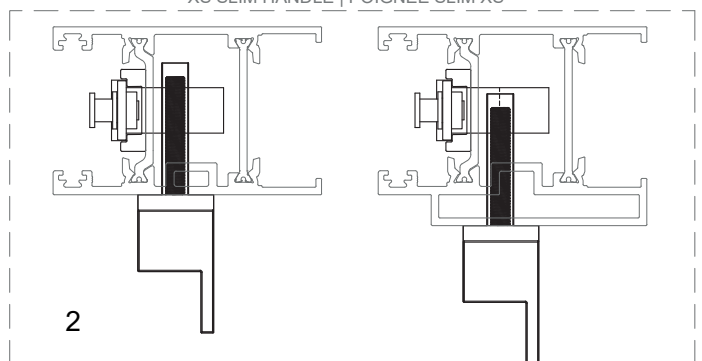


202491 Com anti-levantamento e tira folgas
Material: Inox | Acabamento: Inox
CONTRA-FECHO ANTI-LEVANT. MULT.

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.

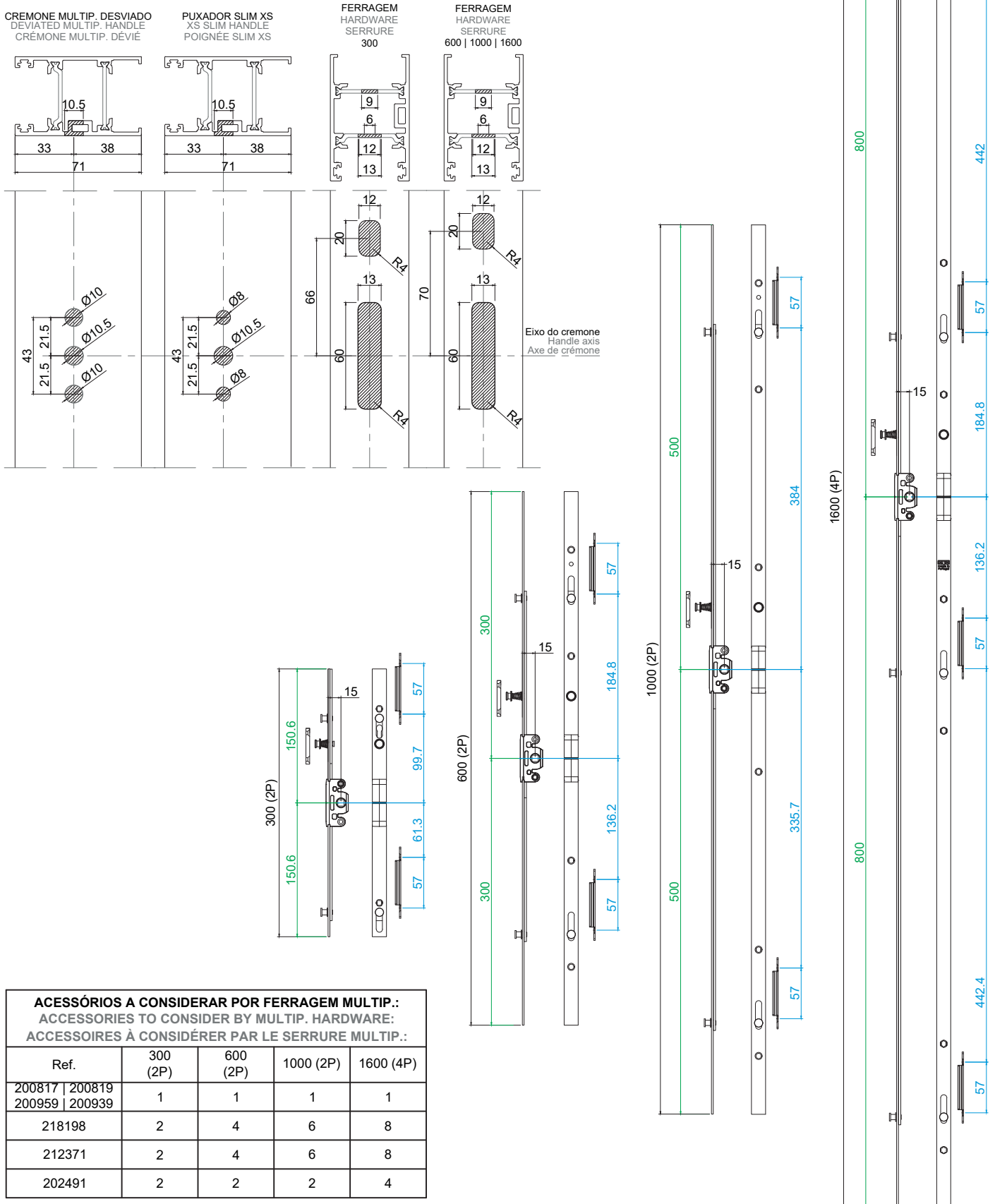
SOS Multipoint Hardware.

Serrure Multipoint SOS.

13.2 - Medidas das Ferragens Multiponto, maquinações e posição dos contra-fechos.

Multipoint Hardware measures, machining and striking plates position.

Mesures de Serrure Multipoint, usinages et position des contre-femtures.



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	1	1	1	1
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.

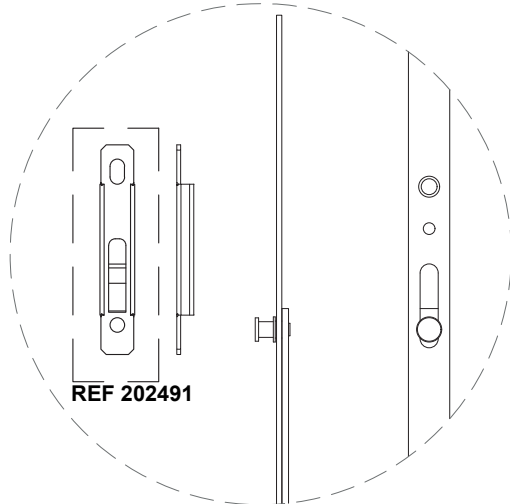
Serrure Multipoint SOS.

13.4 - Características dos pontos de fecho e batente anti-falsa manobra.

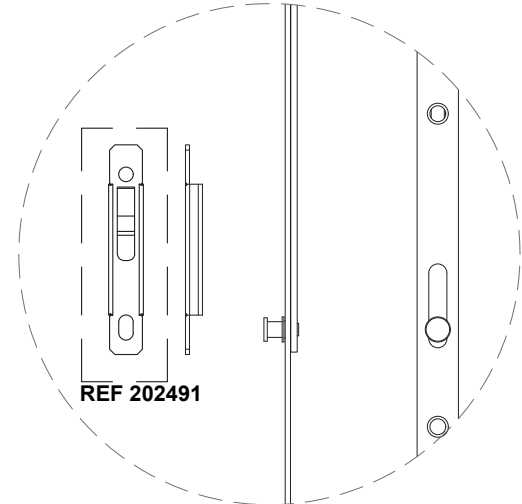
Locking points and anti-false maneuver stopper characteristics.

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)

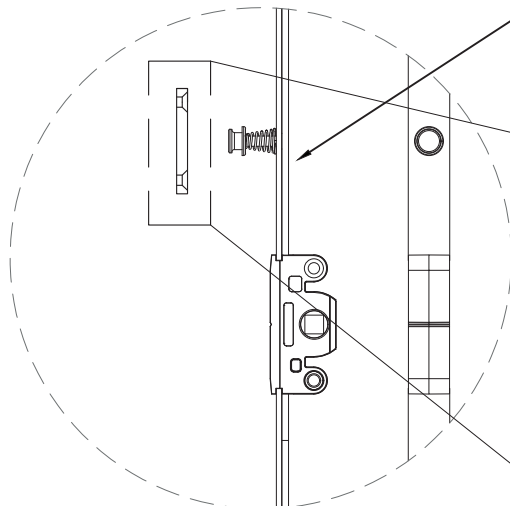
FERMETURE SANS FONCTION ANTI-LEVAGE

(Rampes dans les zones supérieures des casiers)

JUNTO AO BATENTE DE ANTI-FALSA MANOBRA

AT THE ANTI-FALSE MANEUVER STOPPER

AU BOUCHON DE MANŒUVRE ANTI-FAUX

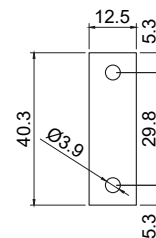


Anti-falsa manobra de extração simples com a utilização de um alicate.
Evita-se duplicação de stock.
Simple extraction anti-false maneuver with the use of a pliers.
It avoids duplication of stock.
Manœuvre d'extraction simple anti-fausse avec l'utilisation de pinces.
La duplication du stock est évitée.

BATENTE DE ANTI-FALSA MANOBRA

ANTI-FALSE MANEUVER STOPPER

BOUCHON DE MANŒUVRE 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 MANŒUVRE 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)

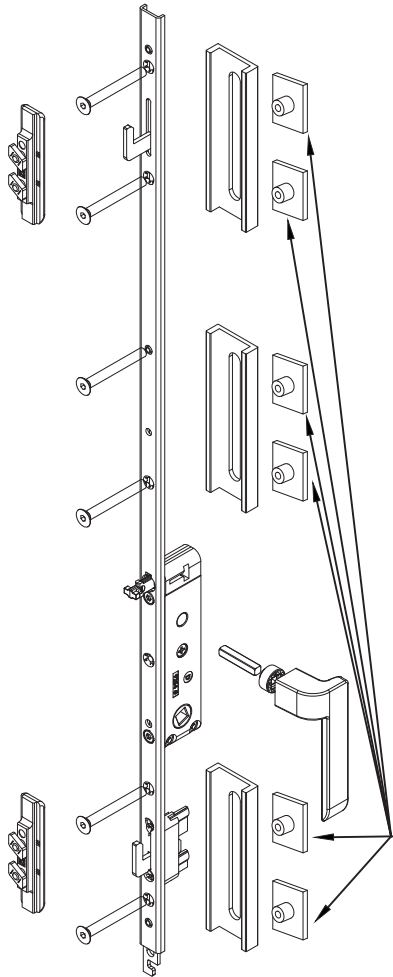
MAQUINAÇÕES DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES MACHINING
USINAGE DES PROFILÉS OUVRANT

14 - Ferragem Multiponto SOT.

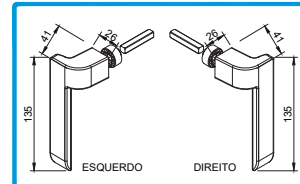
SOT Multipoint Hardware.
Serrure Multipoint SOT.

14.1 - Esquema de aplicação.

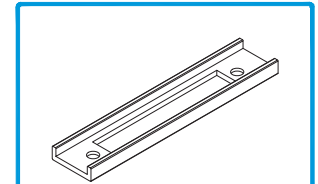
Application scheme.
Schéma d'application.



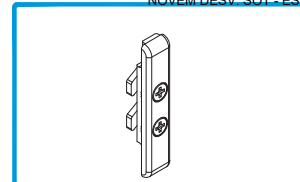
Estas peças devem ser coladas ao perfil móvel.
These parts must be glued to the mobile profile.
Ces pièces doivent être collées au profilé mobile.



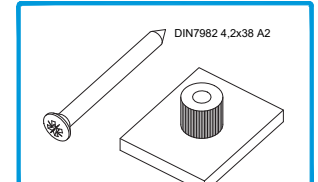
Compatível com ferragem multip. Chronos Evo
Acabamentos: Lacados
200238 CREM. MULTIP. MINIMALISTA
NOVEM DESV. SOT - DIR
200239 CREM. MULTIP. MINIMALISTA
NOVEM DESV. SOT - ESQ



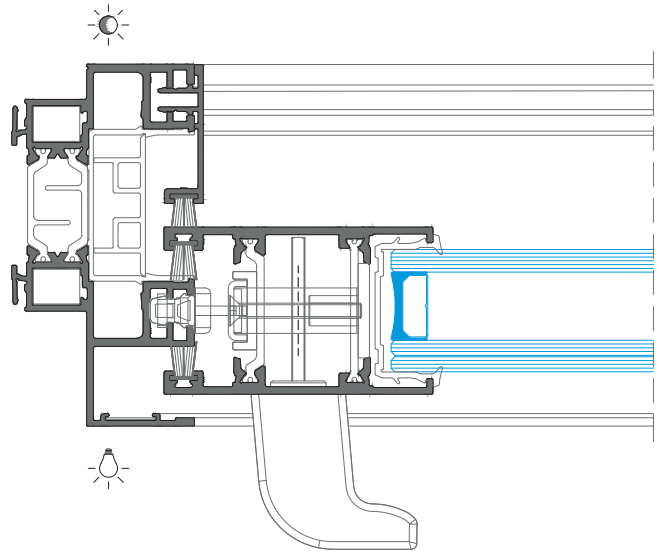
218197 CALÇO P1 MULTIPONTO SOT JT
Material: Poliamida | Acabamento: Preto



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

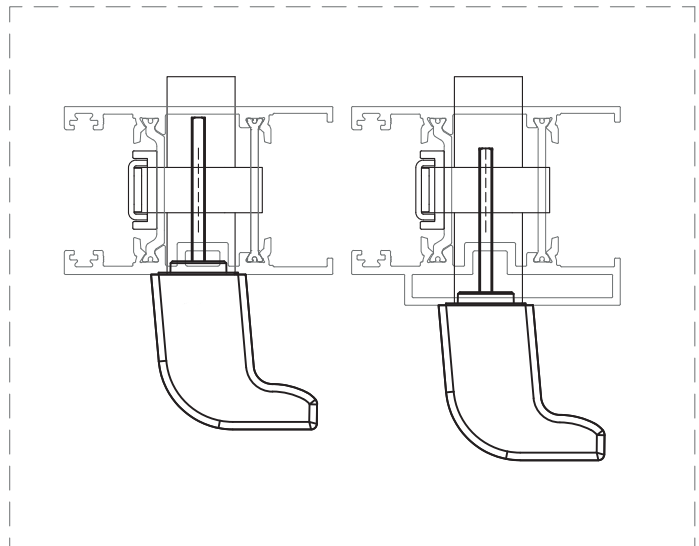
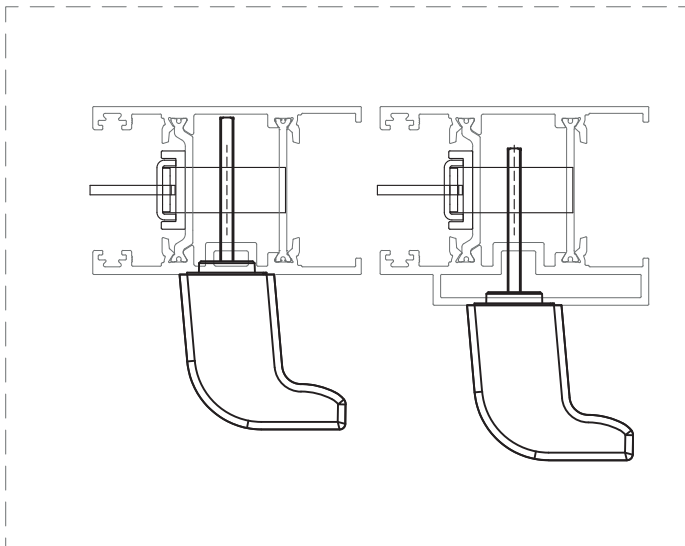


Para fixação das ferragens multiponto
212371 CONJ. FIXAÇÃO JT



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.

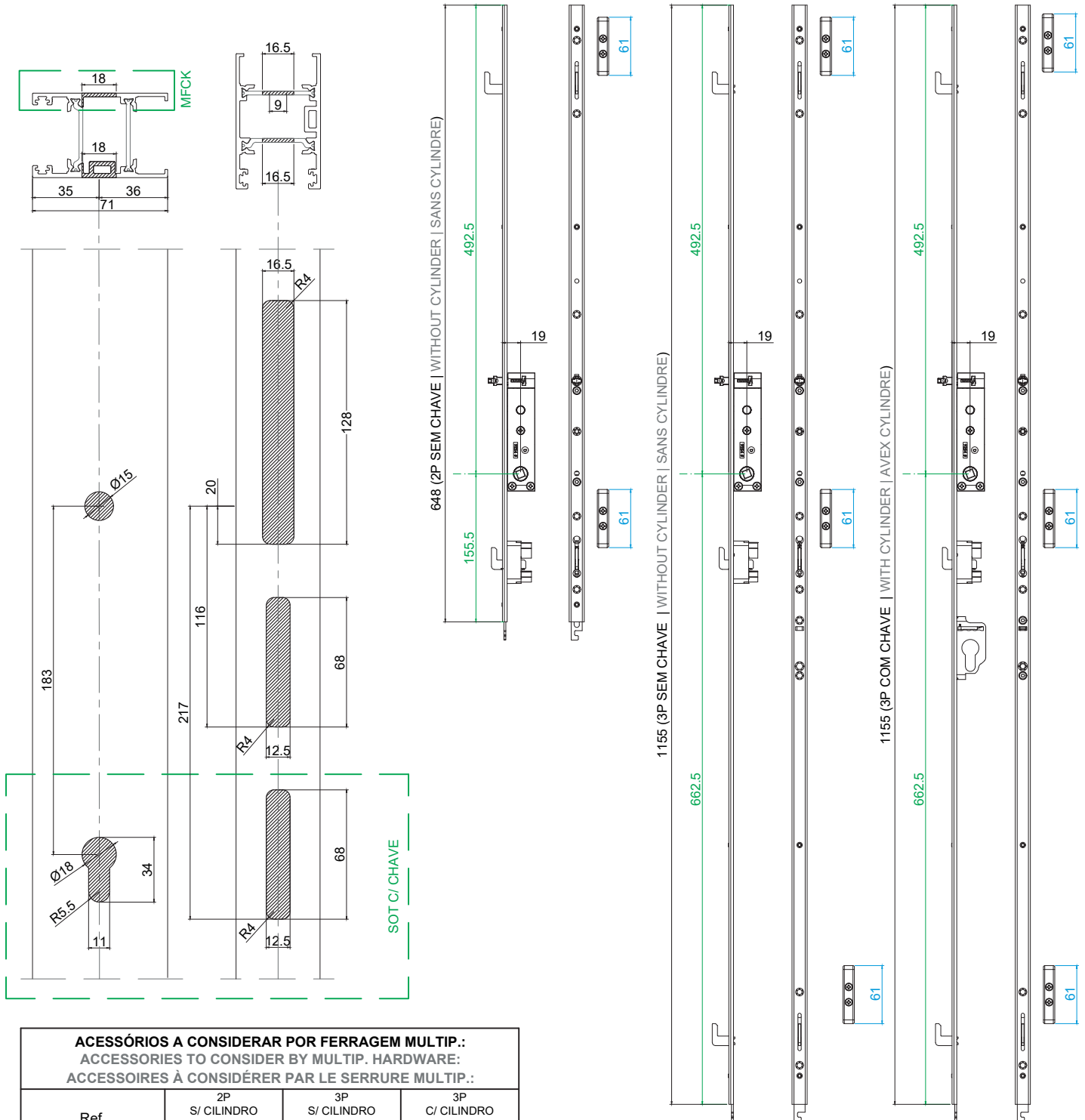
SOT Multipoint Hardware.

Serrure Multipoint SOT.

14.2 - Medidas das Ferragens Multiponto e maquinações.

Multipoint Hardware measures and machining.

Mesures de Serrure Multipoint 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

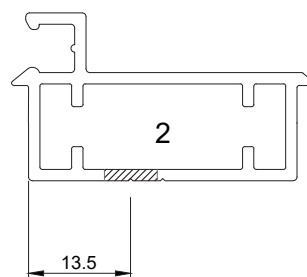
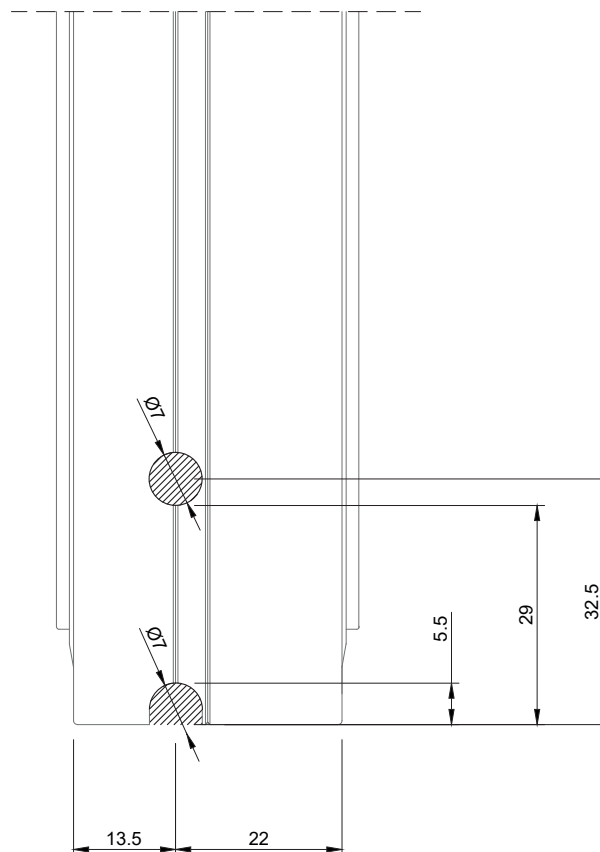
USINAGE DES PROFILÉS OUVRANT

15 - Maquinação do perfil de mosquiteira JT47.

JT47 Mosquito net profile machining.

Usinage du profilé de moustiquaire JT47.

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



JT 47

2 - ESQUADRO | CORNER CLEAT 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 APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°) FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT) ASSEMBLAGE DES PROFILÉS DORMANT POUR APPLICATION DE SEUIL 30MM (COUPE 90°)	VI.2
MONTAGEM DE TIPOLOGIAS DE EMBUTIR HIDDEN SLIDING TYPOLOGIES ASSEMBLY ASSEMBLAGE DE TYPOLOGIES À GALANDAGE	VI.3
MONTAGEM DOS PERFIS ARO MÓVEL MOBILE FRAME PROFILES ASSEMBLY ASSEMBLAGE DES PROFILÉS OUVRANT	VI.4
MONTAGEM DE PERFIS DE CAPA COVER PROFILES ASSEMBLY ASSEMBLAGE DES PROFILÉS DE COUVERTURE	VI.5

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.

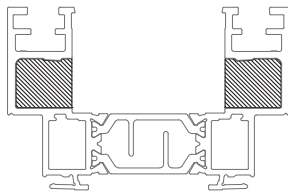
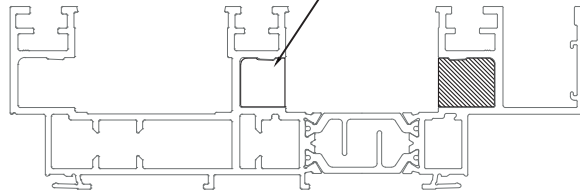
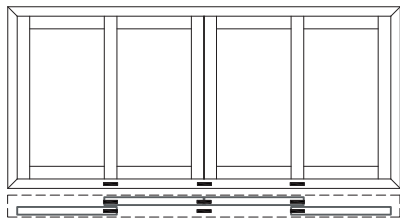
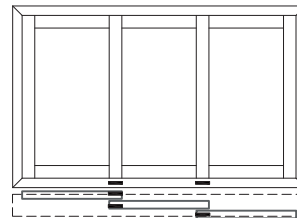
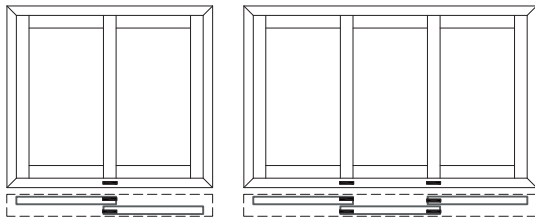
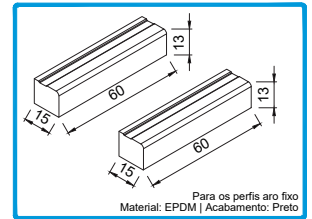
Central waterproofing pile seal kit placing in fixed frames.

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.**

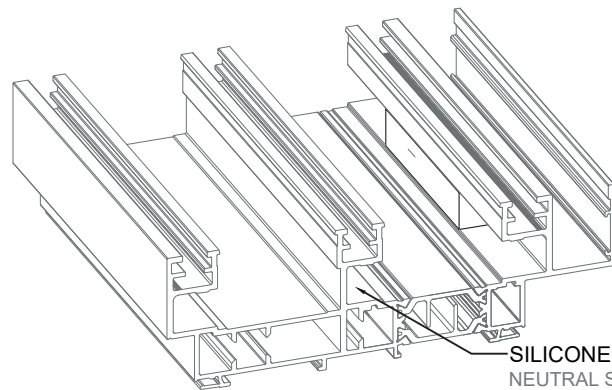
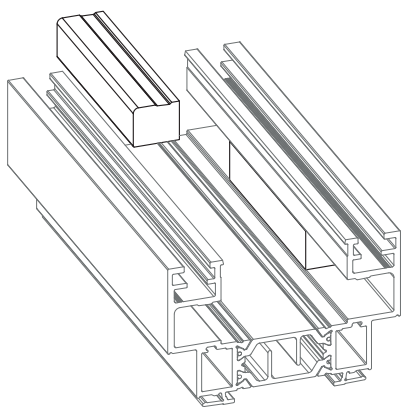
Placer le kit brosse centrale d'étanchéité à l'intersection des ventaux où prendront plus tard le profilé PVC U et les brosses centrales d'étanchéité. **Suivre cette procédure sur tous les profilés dormant FR et PT.**



JT 01

JT 03

SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE

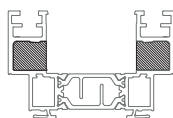


SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



1º Conj. estanqueidade

Waterproofing kit
Kit d'étanchéité



2º Perfil PVC U

PVC U Profile
Profilé PVC U



3º Corta-vento

Central waterproofing pile seal
Brosse centrale d'étanchéité

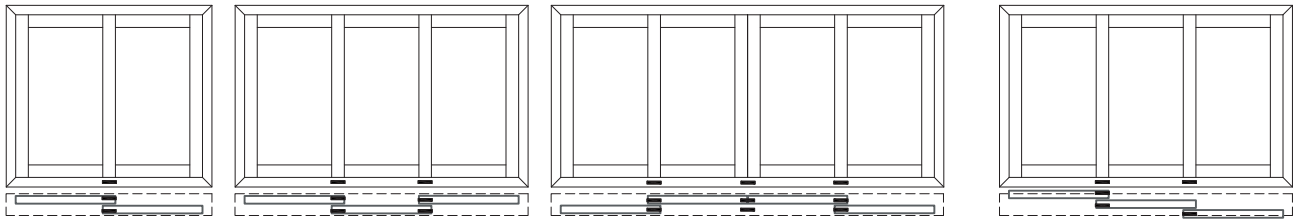


MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

2 - Colocação de goteiras nos aros fixos.

Drips placing in fixed frames.

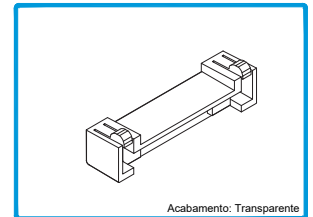
Placement des clapets sur les cadres dormants.



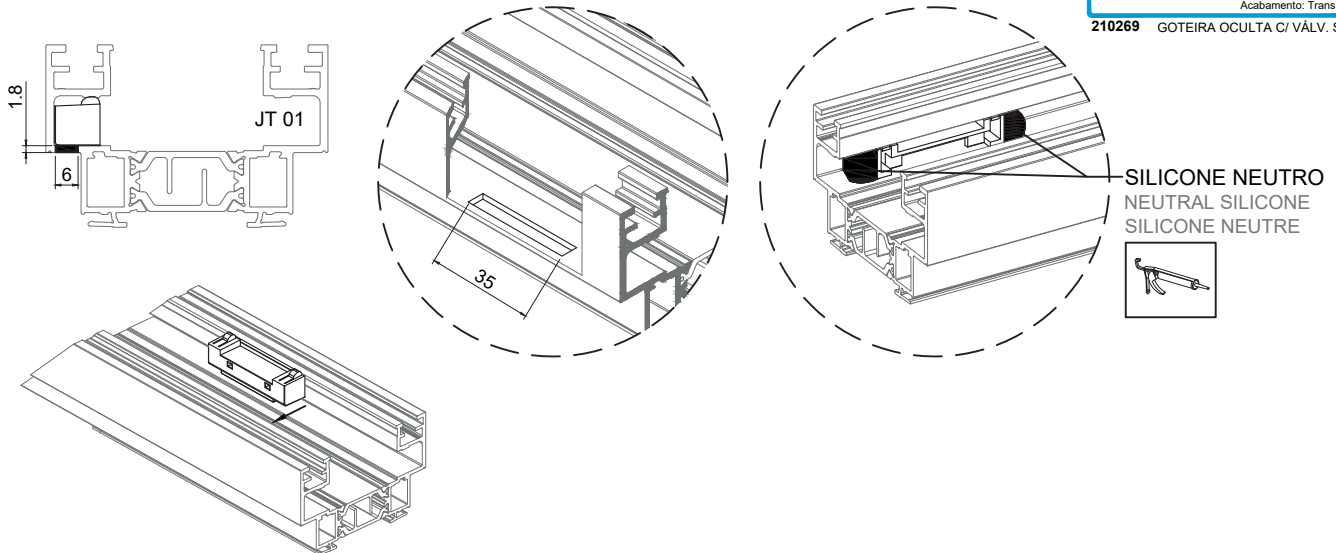
2.1 - Colocar as goteiras ocultas antes do perfil PVC U e fixá-las com pontos de silicone nas extremidades. Seguir este procedimento em todos os perfis de aro fixo FR.

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.**



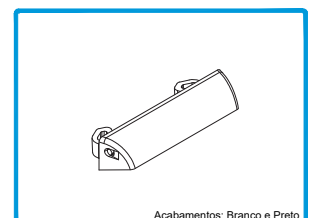
Acabamento: Transparente
210269 GOTEIRA OCULTA C/ VÁLV. SV-C13



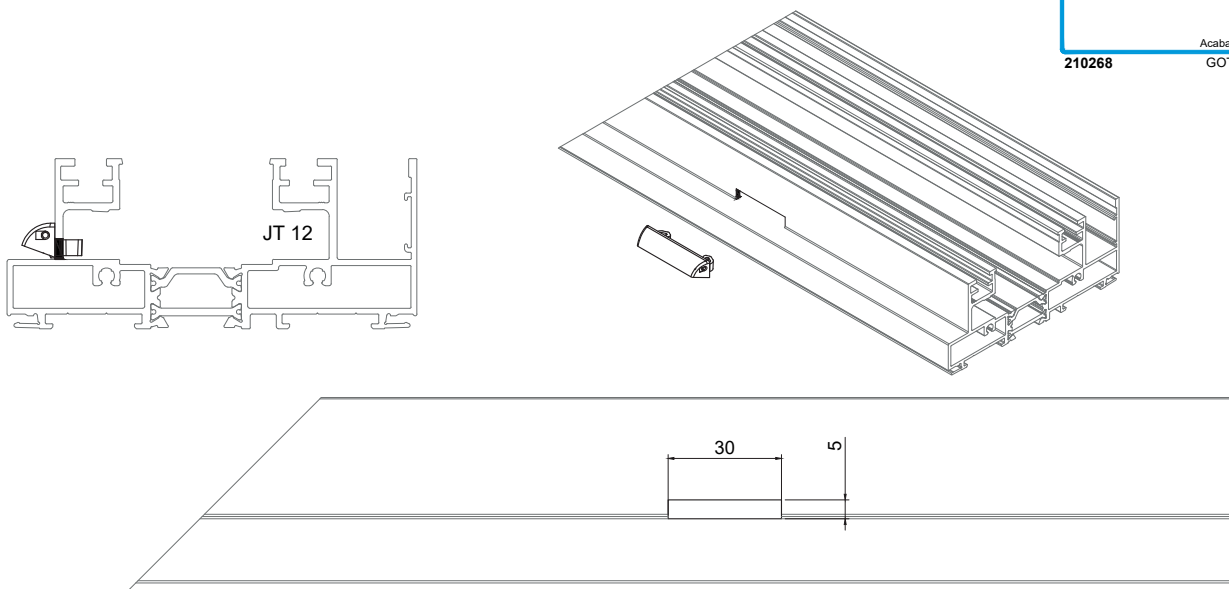
2.2 - Colocar as goteiras pelo exterior do perfil e fixá-las com pontos de silicone nas extremidades. Seguir este procedimento em todos os perfis de aro fixo PT.

Place the drips from the outside of the profile and fix them with silicone points at the edges. **Follow this procedure in all PT fixed frame profiles.**

Placer les clapets à volet extérieur à l'extérieur du profilé et fixer-les avec des points de silicone aux extrémités. **Suivre cette procédure sur tous les profilés dormant PT.**



Acabamentos: Branco e Preto
210268 GOTEIRA C/ VÁLV. SVE

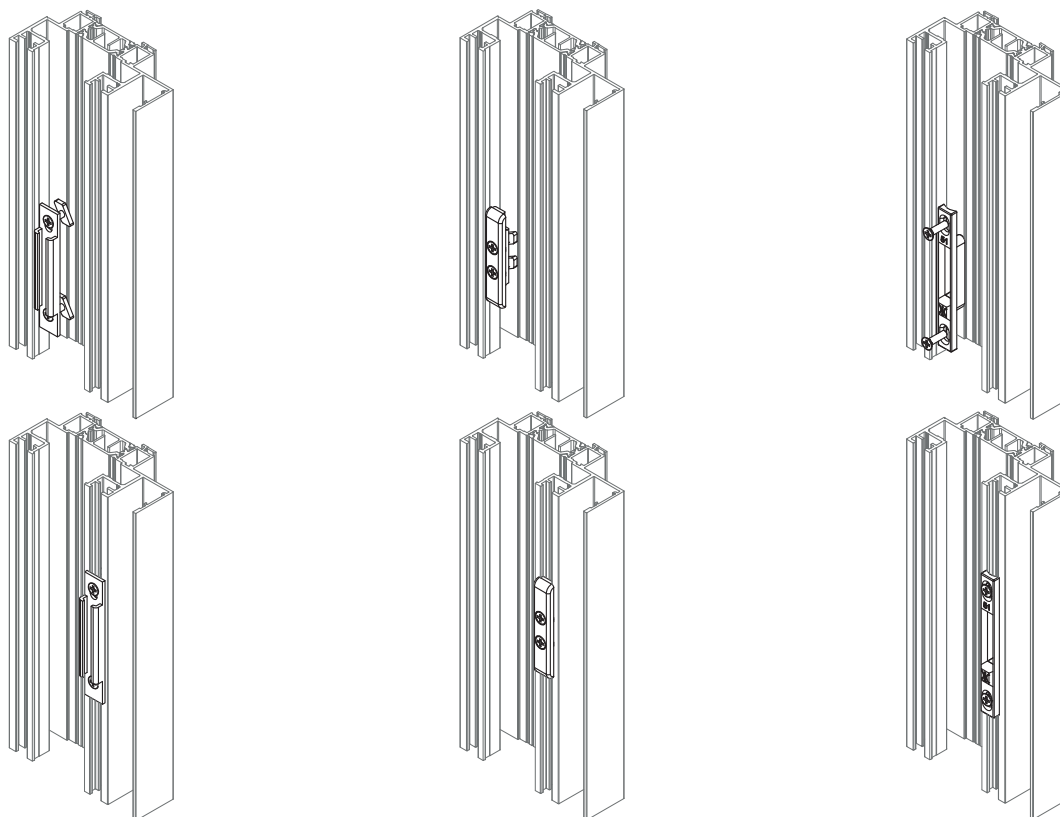


MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

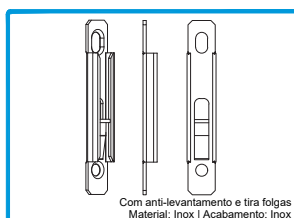
3 - Aplicação frontal dos contra-fechos nos aros fixos.

Locking plates frontal application in fixed frames.

Application frontale des contre-fermetures sur les dormants.

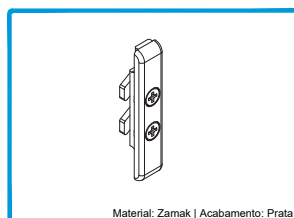


FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
SOS



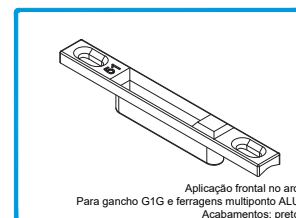
202491 **CONTRA-FECHO ANTI-LEVANT. MULT.**
Com anti-levantamento e tira folgas
Material: Inox | Acabamento: Inox

FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
SOT



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

FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
ALU



202085 **CONTRA-FECHO 2070.870 (Preto)**
Aplicação frontal no aro
Para gancho G1G e ferragens multiponto ALU
Acabamentos: preto

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°)

4 - Aplicação de silicone nos aros fixos.

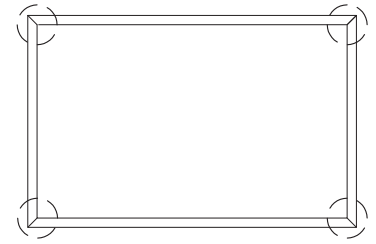
Silicone applying in fixed frames.

Application de silicone sur le cadre dormant.

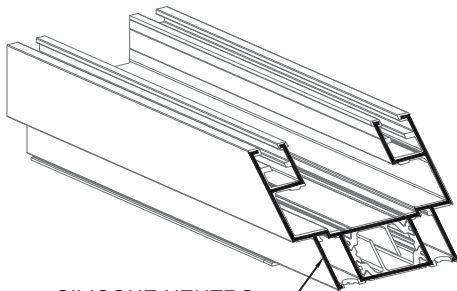
4.1 - Aplicar silicone à cor do perfil ou silicone neutro na zona das esquadrias. Seguir este procedimento em todos os perfis de aro fixo FR e PT.

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



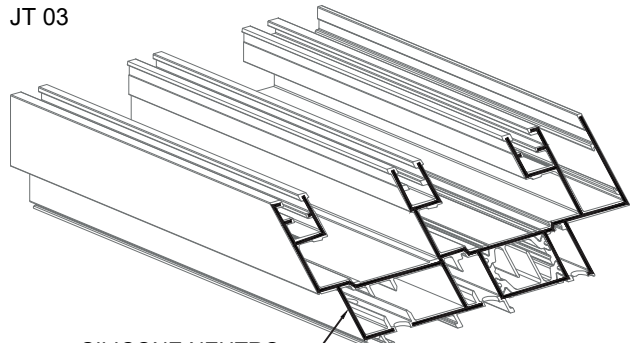
JT 01



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



JT 03



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



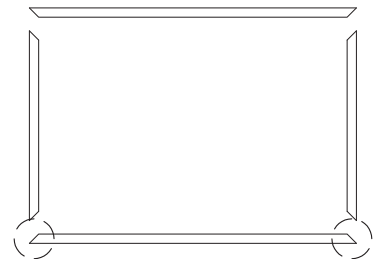
4.2 - Antes de se colocarem os esquadros de aperto, deverão encher-se as câmaras dos perfis fixos com silicone neutro, de modo a ficarem seladas. Seguir este procedimento em todos os perfis de aro fixo FR e PT, apenas na zona inferior do caixilho.

Before placing the corner cleats, the fixed frame profiles chambers must be filled with neutral silicone, in order to be sealed.

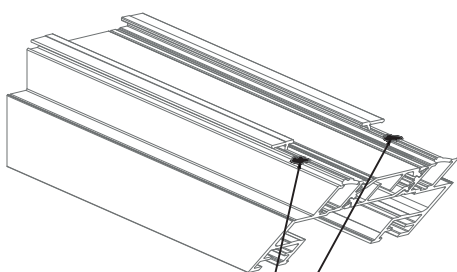
Follow this procedure in all the fixed frame FR and PT profiles, only in the lower zone of the frame.

Avant d'installer les étriers de serrage, les chambres des profilés fixes 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.



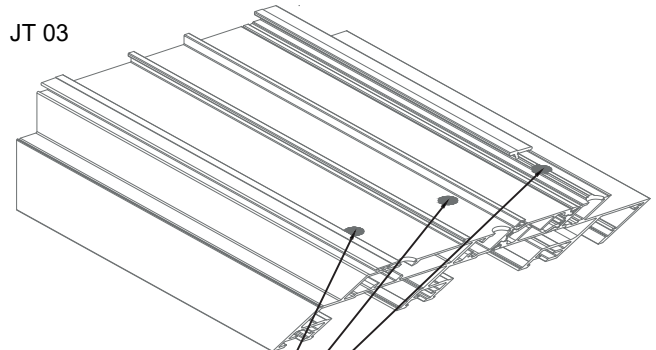
JT 01



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



JT 03



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



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

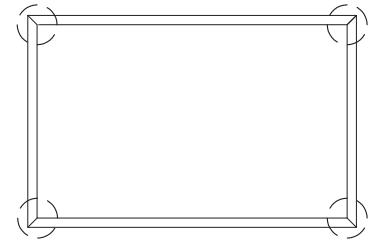
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)

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

5 - Aplicação dos esquadros de aperto nos aros fixos e preenchimento de todas as zonas de aperto dos esquadros, com silicone neutro.

Corner cleats applying in fixed frames and filling all the tightening areas of the corner cleats with neutral silicone.

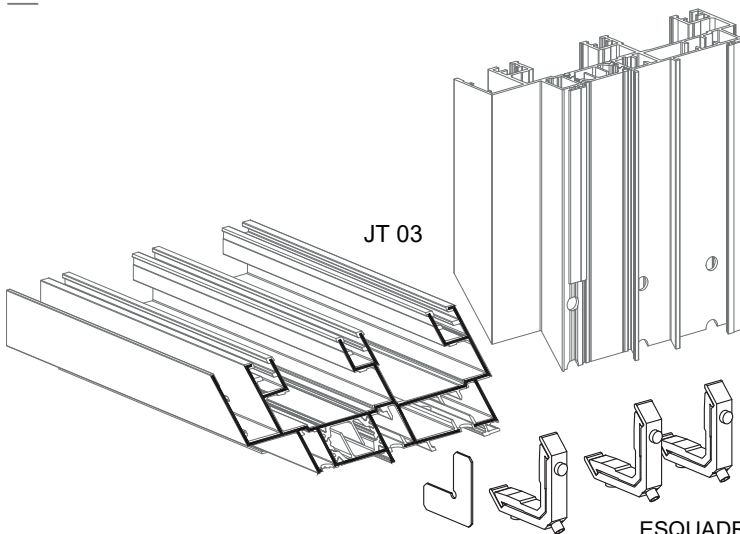
Application des équerres sur le cadre dormant et remplissage de toutes les zones de serrage des équerres avec du silicone neutre.



5.1 - Colocar os esquadros de aperto e os cantos de alinhamento. **Seguir este procedimento em todos os perfis de aro fixo FR.**

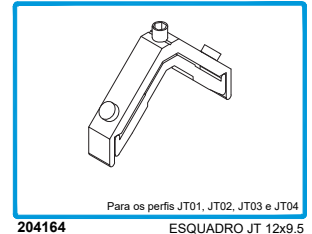
Placing the corner cleats and the alignment corners. **Follow this procedure in all fixed frame FR profiles.**

Placer les équerres et les angles d'alignement. **Suivre cette procédure sur tous les profilés dormant FR.**

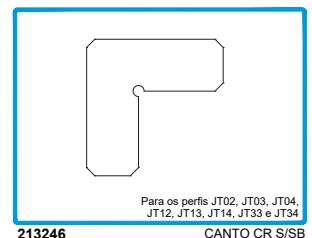


CANTO | CORNER | ANGLE CR S/SB

ESQUADROS | CORNER CLEATS | ÉQUERRES 12x9,5



204164 ESQUADRO JT 12x9,5
Para os perfis JT01, JT02, JT03 e JT04

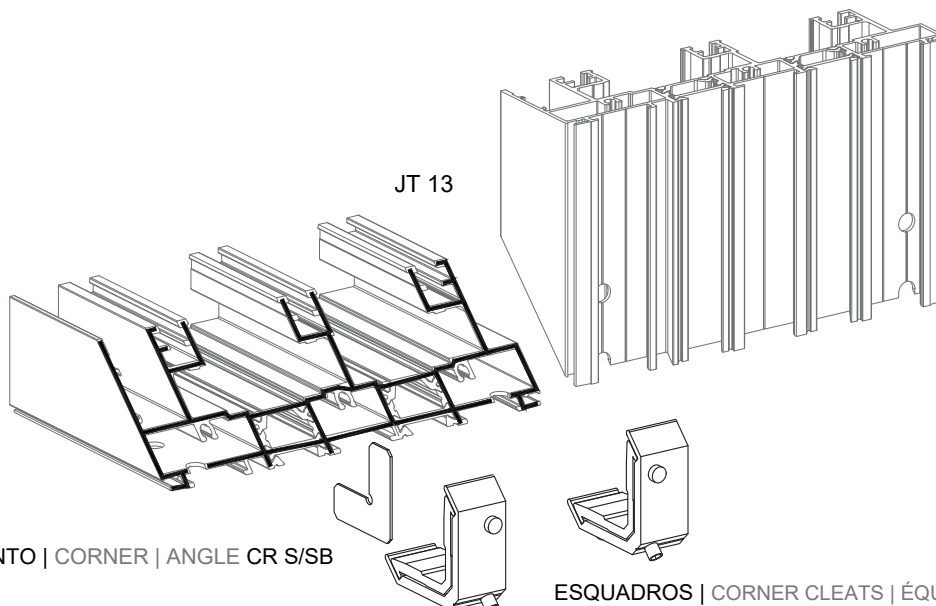


213246 CANTO CR S/SB
Para os perfis JT02, JT03, JT04, JT12, JT13, JT14, JT33 e JT34

5.2 - Colocar os esquadros de aperto e os cantos de alinhamento. **Seguir este procedimento em todos os perfis de aro fixo PT.**

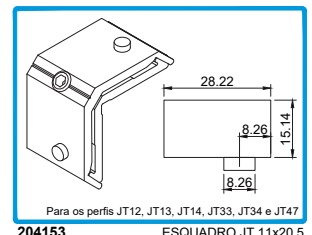
Placing the corner cleats and the alignment corners. **Follow this procedure in all fixed frame PT profiles.**

Placer les équerres et les angles d'alignement. **Suivre cette procédure sur tous les profilés dormant PT.**

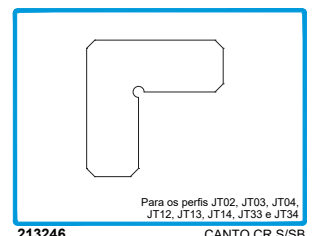


CANTO | CORNER | ANGLE CR S/SB

ESQUADROS | CORNER CLEATS | ÉQUERRES 12x9,5



204153 ESQUADRO JT 11x20,5
Para os perfis JT12, JT13, JT14, JT33, JT34 e JT47



213246 CANTO CR S/SB
Para os perfis JT02, JT03, JT04, JT12, JT13, JT14, JT33 e JT34

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 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.**

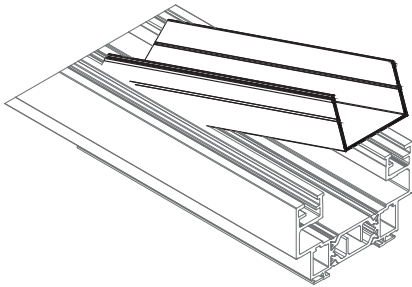
Mise en place des profilés PVC U sur les cadres dormants. **Suivre cette procédure sur tous les profilés dormant FR et PT.**

PASSO | STEP 1:

Colocar os perfis PVC inferior e superior.

Place the lower and upper PVC profiles.

Placer les profilés PVC inférieures et supérieures.

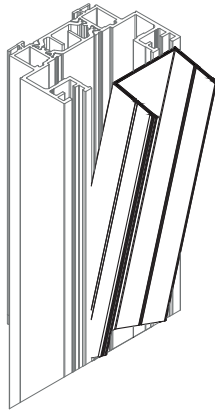


PASSO | STEP 2:

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.

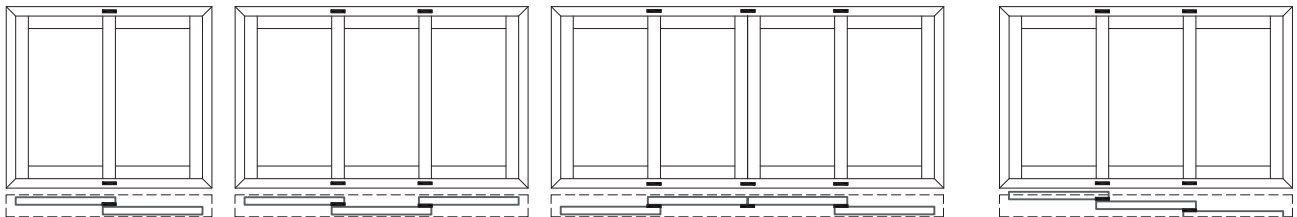
Central waterproofing pile seal kit and flap valve (in the FR fixed frame) must already be applied in the sill profile before this operation.

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.

7 - Colocação dos corta-ventos nos aros fixos.

Central waterproofing pile seal placing in fixed frames.

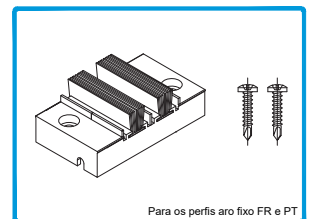
Placement des brosses centrale d'étanchéité sur les cadres dormants.



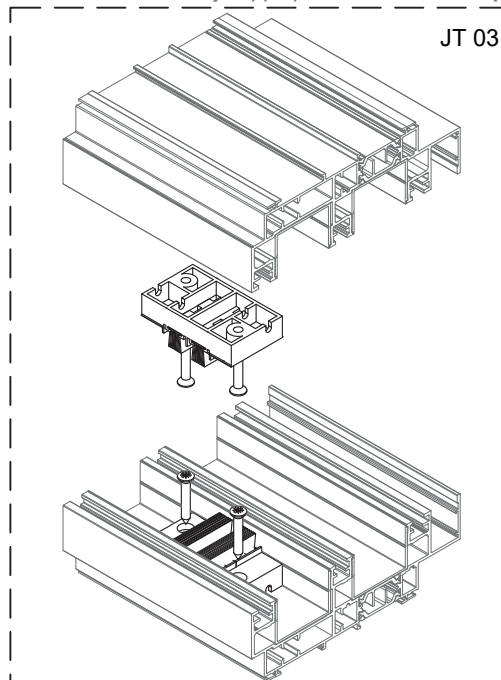
7.1 - Colocar os corta-ventos na soleira. Os corta-ventos da padieira deverão ser colocados depois das folhas de correr já estarem aplicadas. Seguir este procedimento em todos os perfis de aro fixo FR e PT.

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.**

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.**



213286 CORTA-VENTO JT



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

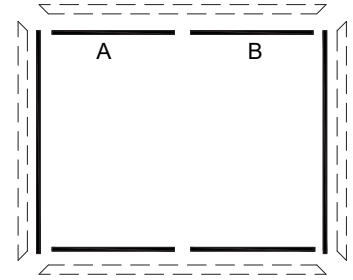
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)

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

8 - 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 du profilés PVC T sur les cadres dormants. **Suivre cette procédure sur tous les profilés dormant FR et PT.**



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

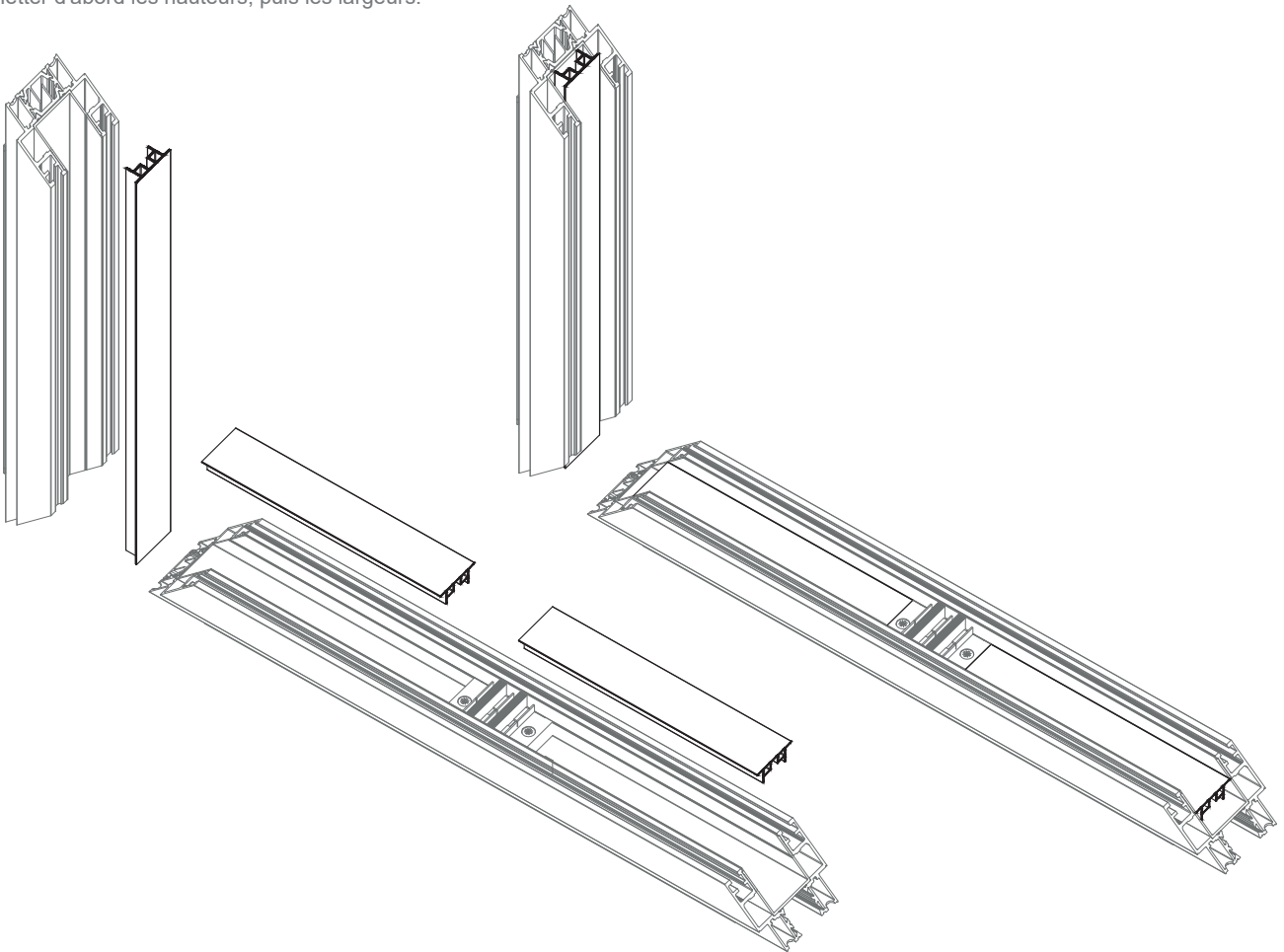
Vertical T PVC profiles are applied in a single piece, while the horizontal ones are divided into several pieces.

Les profilés PVC T verticaux sont appliqués en une seule pièce, tandis que les profilés horizontaux sont divisés en plusieurs pièces.

8.2 - 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 águas.

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.

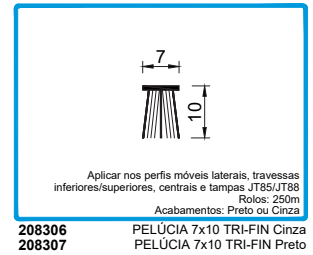
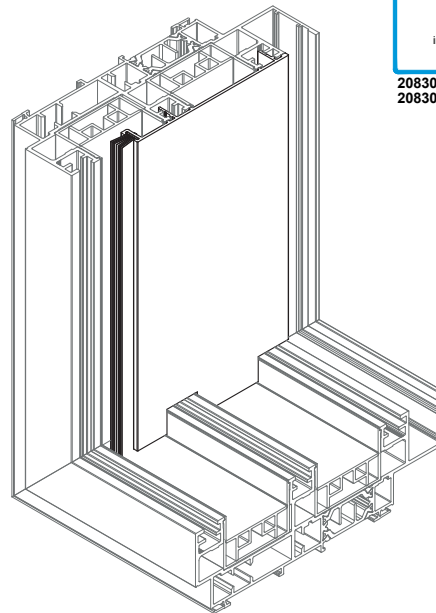
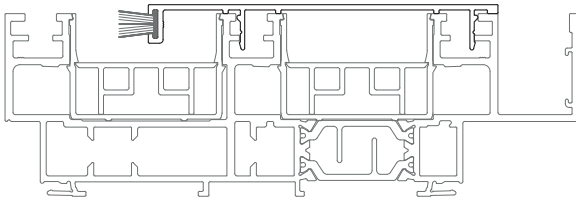
L'utilisation de profilés PVC T inférieurs n'est recommandée que dans les travées encastrées (sans incidence directe de pluie), car ils réduisent la capacité d'évacuation de l'eau.

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°)

9 - Aplicação da pelúcia 7x10 Tri-Fin nos perfis de capa JT85 e JT88.

7x10 Tri-Fin gasket applying of in JT85 and JT88 cover profiles.

Application de la joint brosse 7x10 Tri-Fin sur les profilés de couverture JT85 et JT88.



10 - Aplicação da junta tapa canal 2116 nos aros fixos.

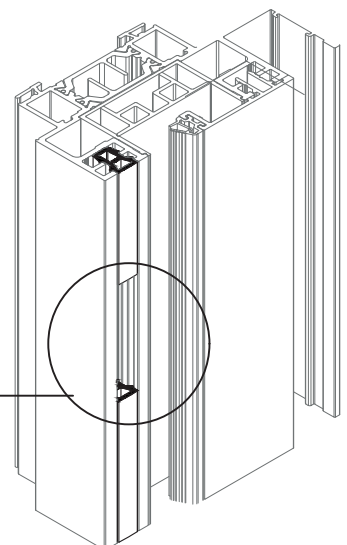
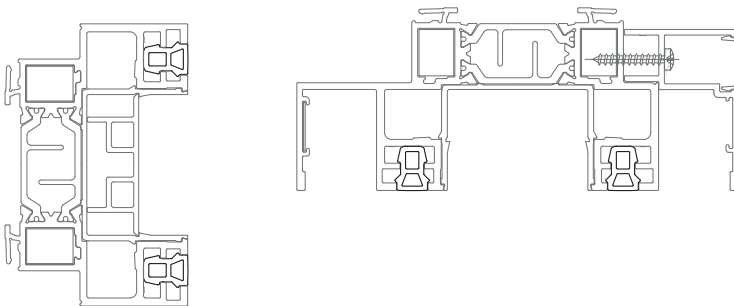
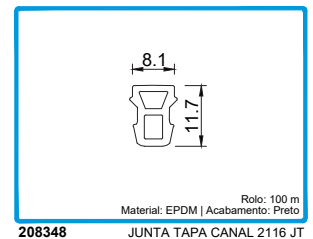
2116 channel cover joint applying in fixed frames.

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.



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)

IMPORTANT | 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°)

11 - Corte e aplicação do perfil guia JT87 nos aros fixos.

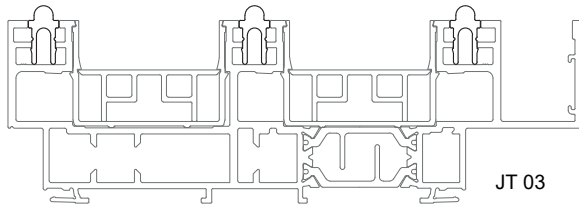
Cutting and applying of JT87 rail profile in fixed frames.

Couper et appliquer le profilé de guide JT87 sur les cadres dormants.

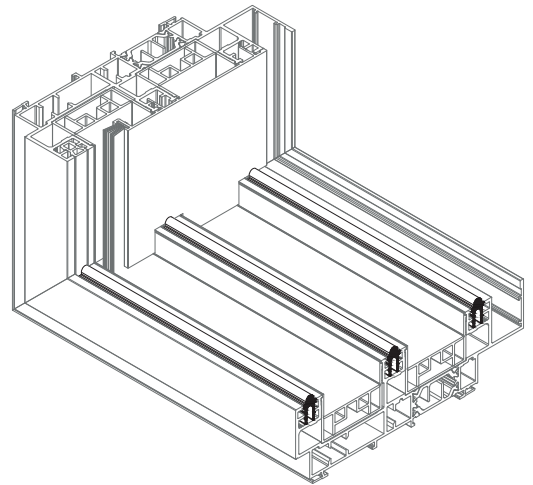
O perfil JT87 deverá ser aplicado nas soleiras, conforme esquemas abaixo:

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:



JT 03



12 - 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.

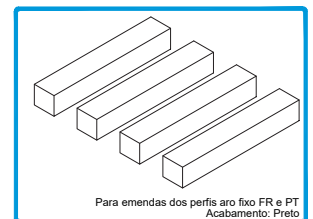
Application de l'assemblage de joints droits JT sur les jantes fixes, dans l'épissage de profilés de cadre dormant.

12.1 - Colocar as peças que constituem o Conjunto união reta JT no interior dos perfis e fixá-las com parafusos 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.

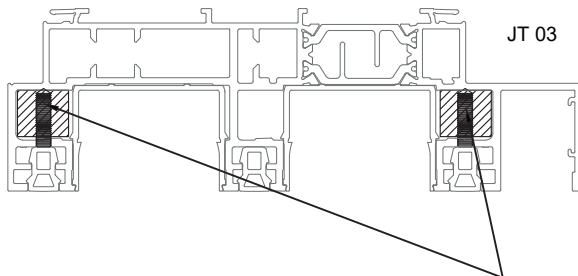
Placer les pièces qui composent le jeu d'union droite JT à l'intérieur des profilés et fixer-les avec des boulons M4x16. **Suivre cette procédure sur tous les profilés de cadre dormant.**



Para emendas dos perfis aro fixo FR e PT
Acabamento: Preto

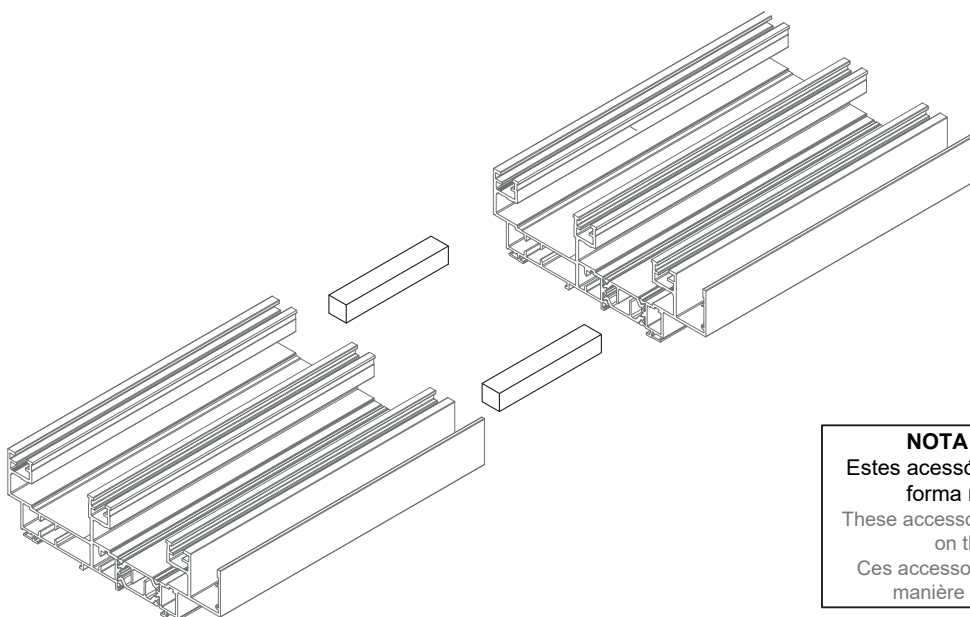
212242

CONJ. UNIÃO RETA JT



JT 03

PERNOS M4x16 (NÃO INCLUIDOS)
STUDS M4x16 (NOT INCLUDED)
BOULONS M4x16 (NON INCLUS)



NOTA | NOTE | REMARQUE:

Estes acessórios são aplicados da mesma forma na soleira e na padieira.

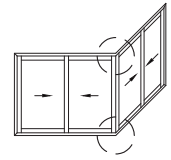
These accessories are applied in the same way on the sill and on the lintel.

Ces accessoires sont appliqués de la même manière sur le seuil et sur le linteau.

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°)

13 - Montagem de aros fixos, em tipologias de canto 90°.

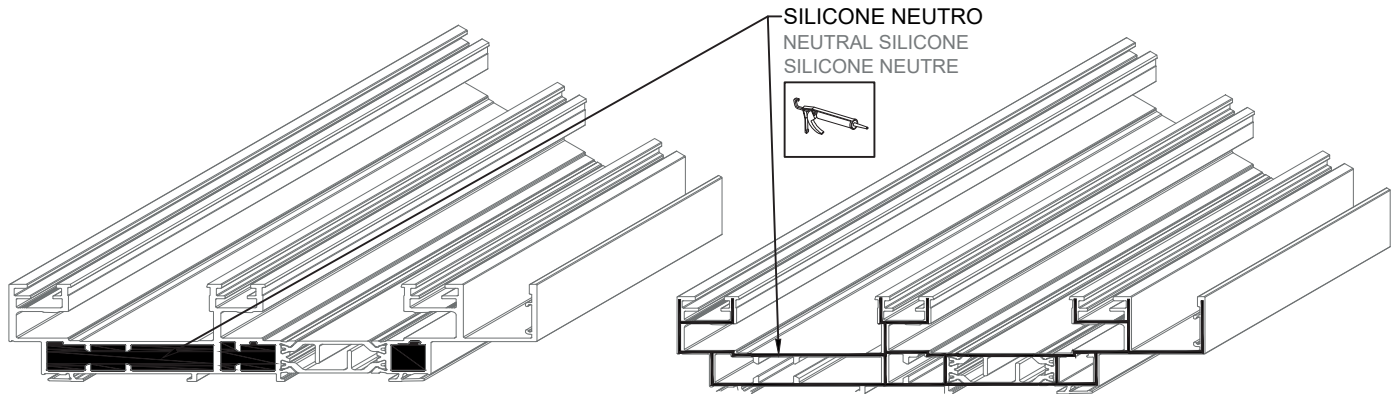
Fixed frames assembly, in 90° corner typologies.
Montage de cadres dormant, en types d'angle à 90°.



13.1 - 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.**

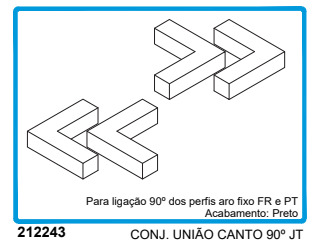
Remplir les chambres de silicone et appliquer du silicone sur la couleur du profil ou du silicone neutre dans la zone des cadres. **Suivre cette procédure sur tous les profilés de cadre dormant.**



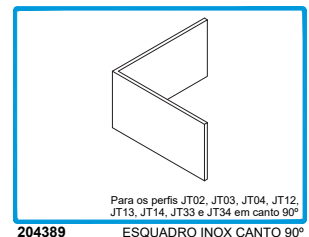
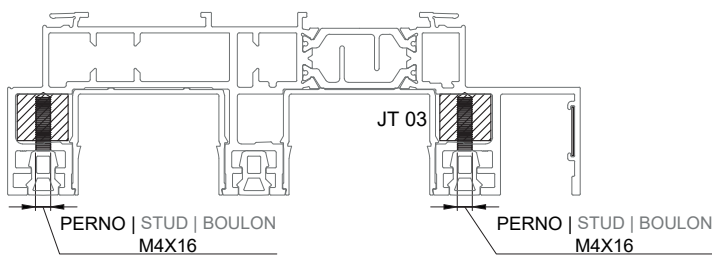
13.2 - Colocar as peças que constituem o conjunto união e os esquadros inox canto 90° nos perfis e fixá-los com pernos M4x16. Seguir este procedimento em todos os perfis de aros fixos.

Place the 90° corner union kit pieces and corners and fix them with M4x16 studs. **Follow this procedure in all fixed frame profiles.**

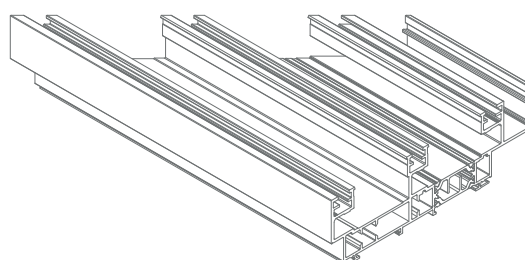
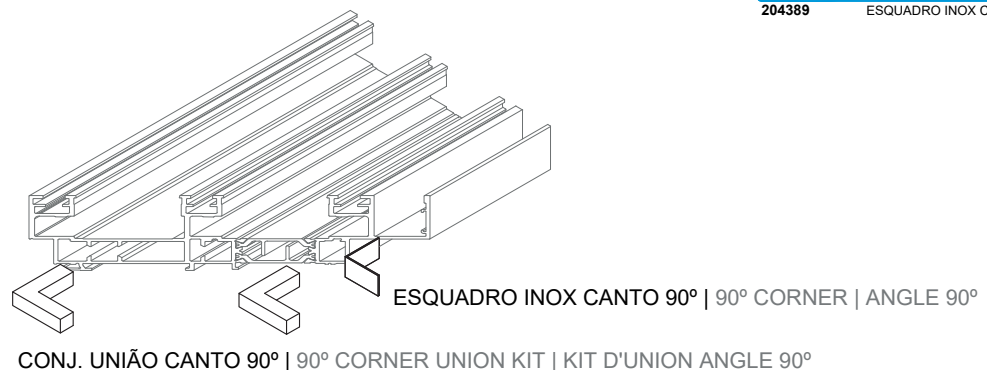
Placer les pièces qui composent le kit d'union et les angles en acier inox à 90° sur les profilés et fixer-les avec des boulons M4x16. **Suivre cette procédure sur tous les profilés de cadre dormant.**



212243 CONJ. UNIÃO CANTO 90° JT



204389 ESQUADRO INOX CANTO 90°

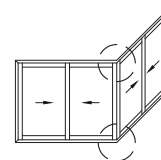


MONTAGEM DOS PERFIS ARO FIXO FR E PT (CORTE 45°)
FR E PT FIXED FRAME PROFILES ASSEMBLY (45° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT FR ET PT (COUPE 45°)

13 - Montagem de aros fixos, em tipologias de canto 90°.

Fixed frames assembly, in 90° corner typologies.

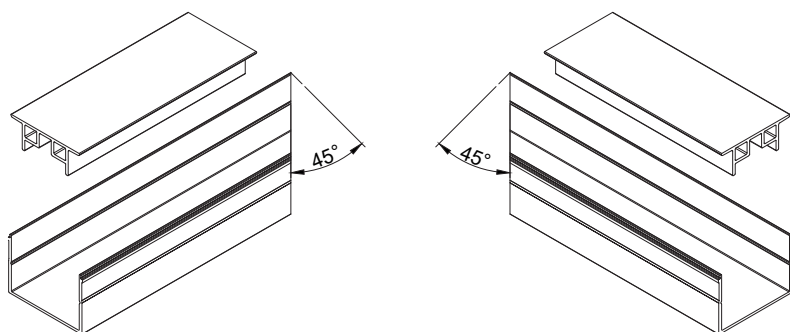
Montage de cadres dormant, en types d'angle à 90°.



13.3 - 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°.



13.4 - Aplicar o corta-vento canto 90° JT no aro fixo.

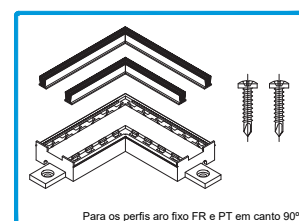
Apply the 90° corner insulation gasket in the fixed frame.

Appliquer le brossse d'étanchéité angle 90°.

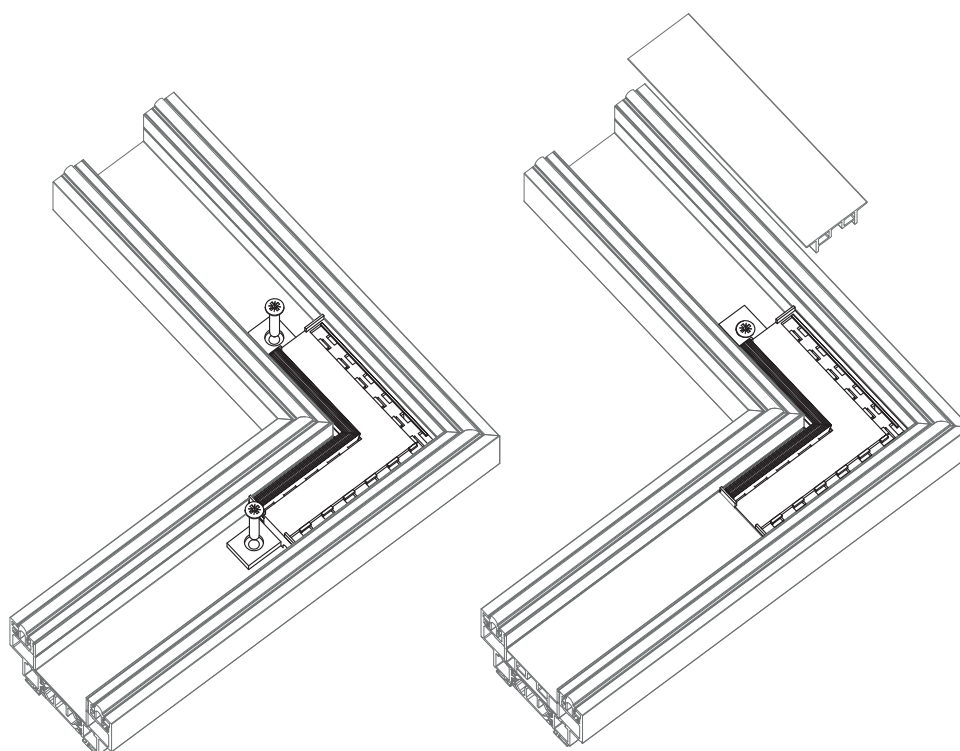
As medidas de corte dos perfis PVC T encontram-se no mapa de quantidades das tipologias de canto.

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.



Para os perfis aro fixo FR e PT em canto 90°
213287 CORTA-VENTO CANTO 90° JT



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.

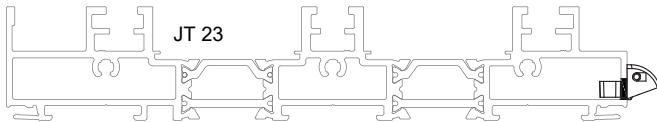
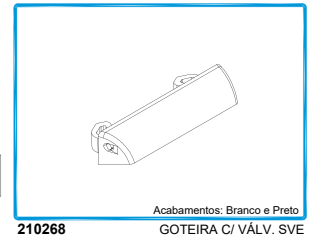
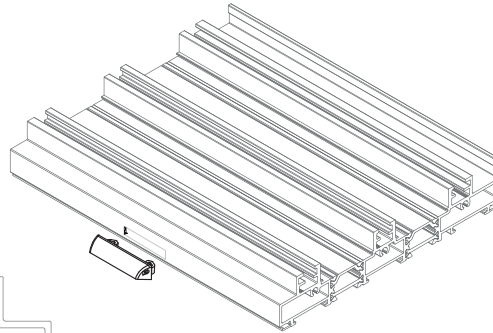
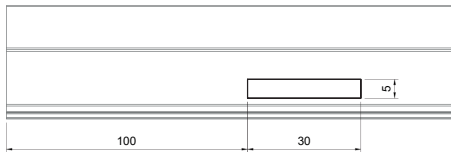
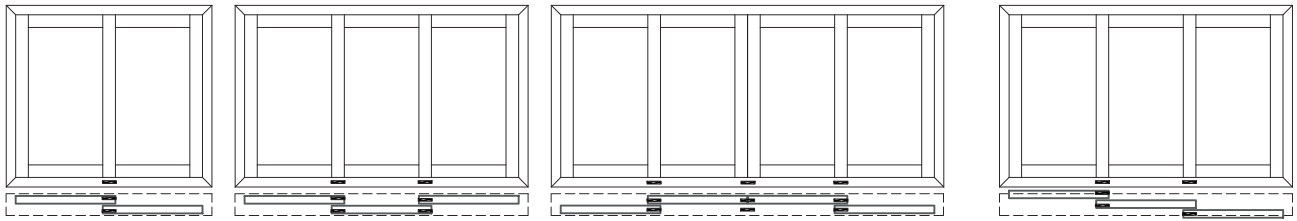
Les profilés PVC T supérieures ne doivent être installés qu'après la pose des cadres ouvrants.

MONTAGEM DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE SEUIL 30MM (COUPE 90°)

1 - Colocação de goteiras nos aros fixos.

Drips placing in fixed frames.

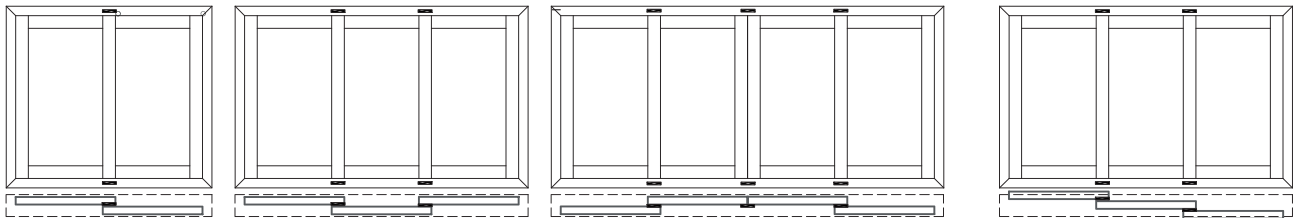
Placement des clapets sur les cadres dormants.



2 - Colocação dos corta-ventos nos aros fixos.

Central waterproofing pile seal placing in fixed frames.

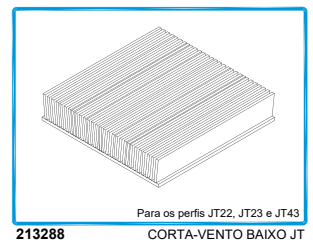
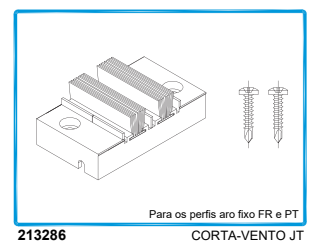
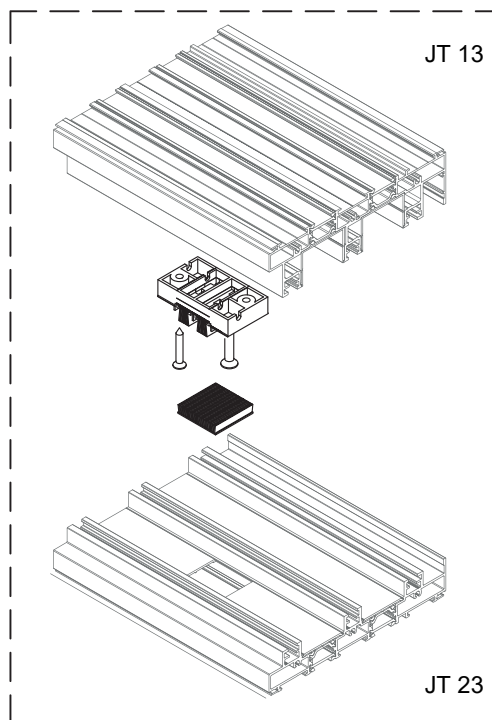
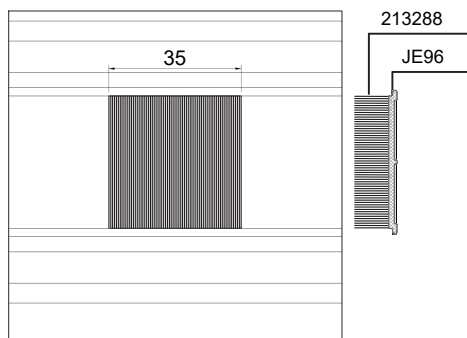
Placement des brosses centrale d'étanchéité sur les cadres dormants.



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'étanchéité inférieures entre les profilés JE96, les arrête en 35mm. **Les brosses centrale d'étanchéité sur le linteau doivent être placés après que les feuilles coulissantes sont déjà appliquées.**



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

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

ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE 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).

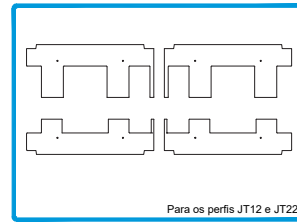
Placer les joints adhésifs aux extrémités des profilés horizontaux (en typologies de 4rails voir page suivante).

Passo | Step | Étape 4:

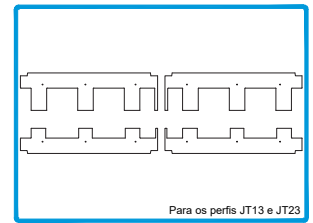
Fixar os perfis usando parafusos.

Fix the profiles using screws.

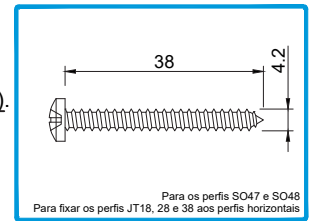
Fixer les profilés à l'aide de vis.



223105 KIT JUNTAS ADESIVAS Nº1 JT



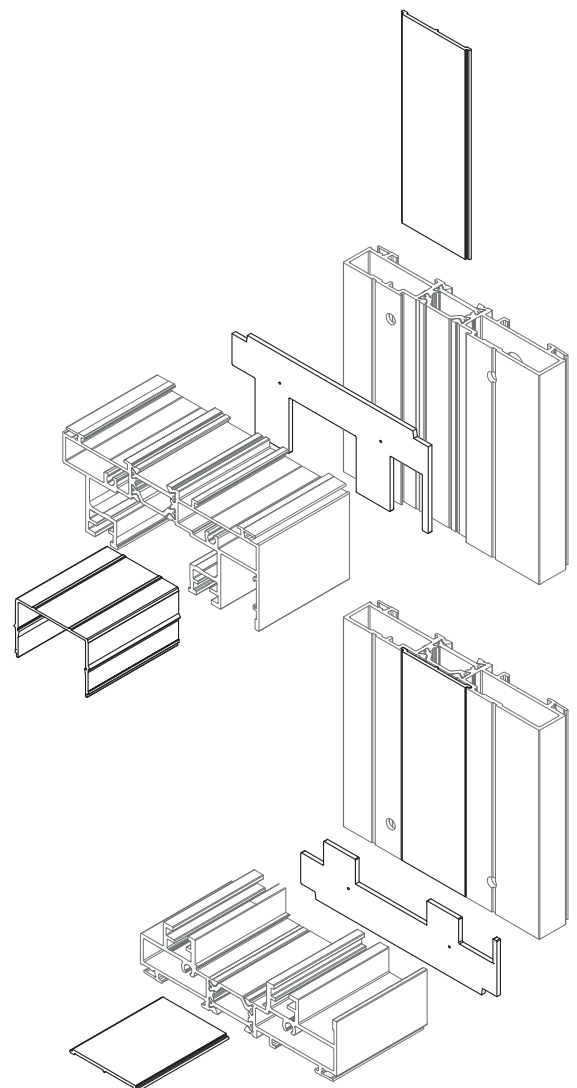
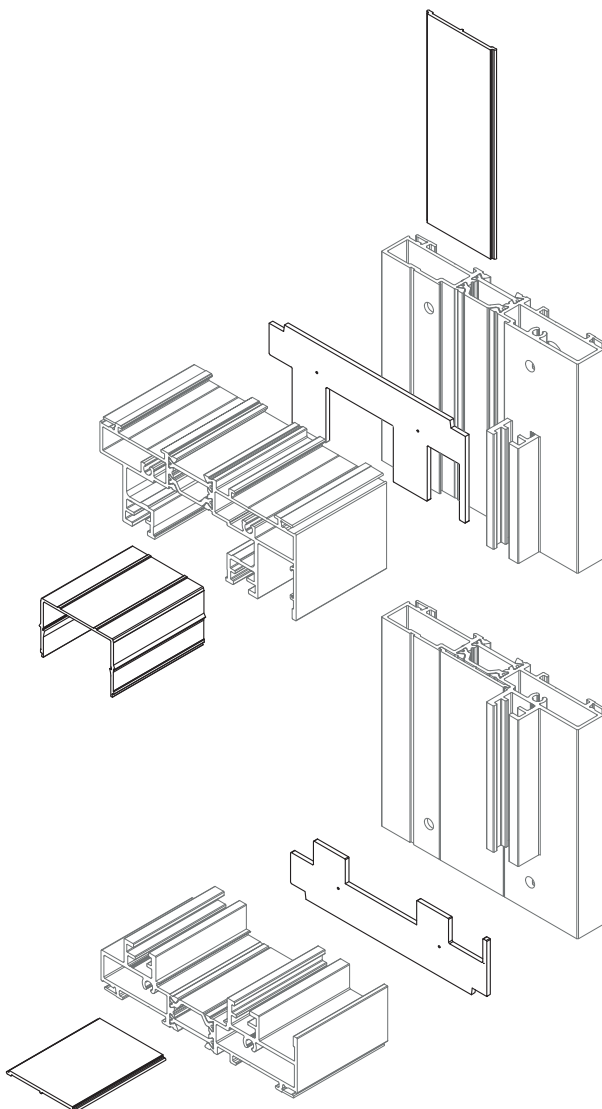
223106 KIT JUNTAS ADESIVAS Nº2 JT



290030 PARAFUSO DIN7981 4,2x38 INOX A2

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.

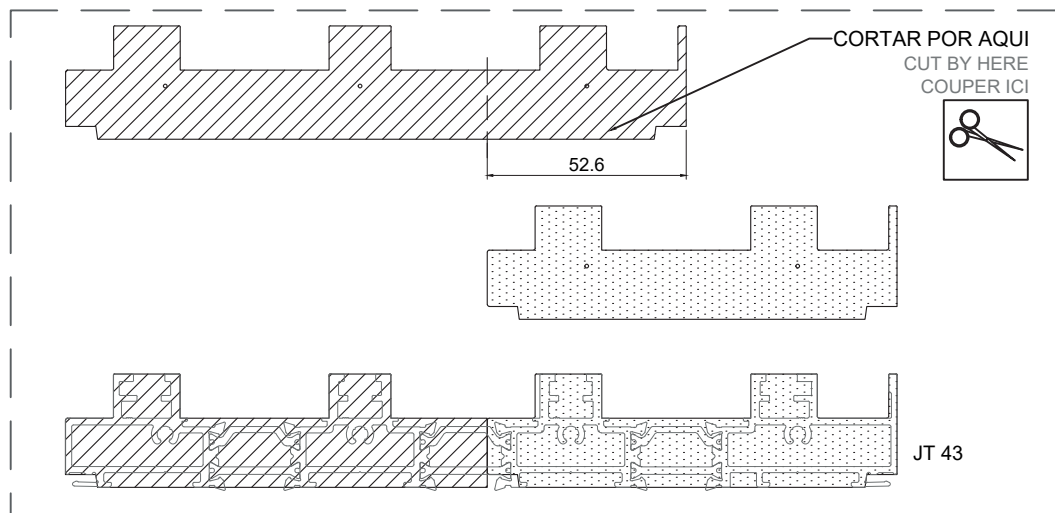
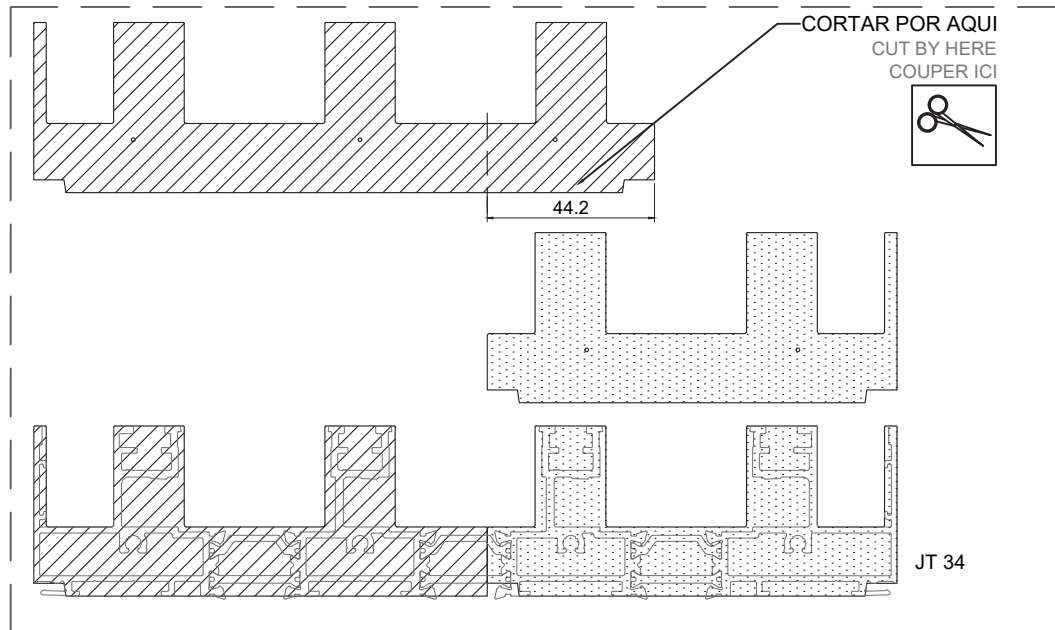
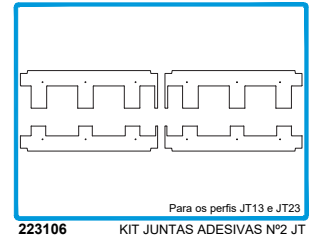
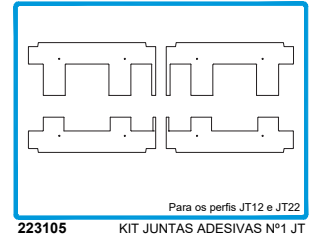
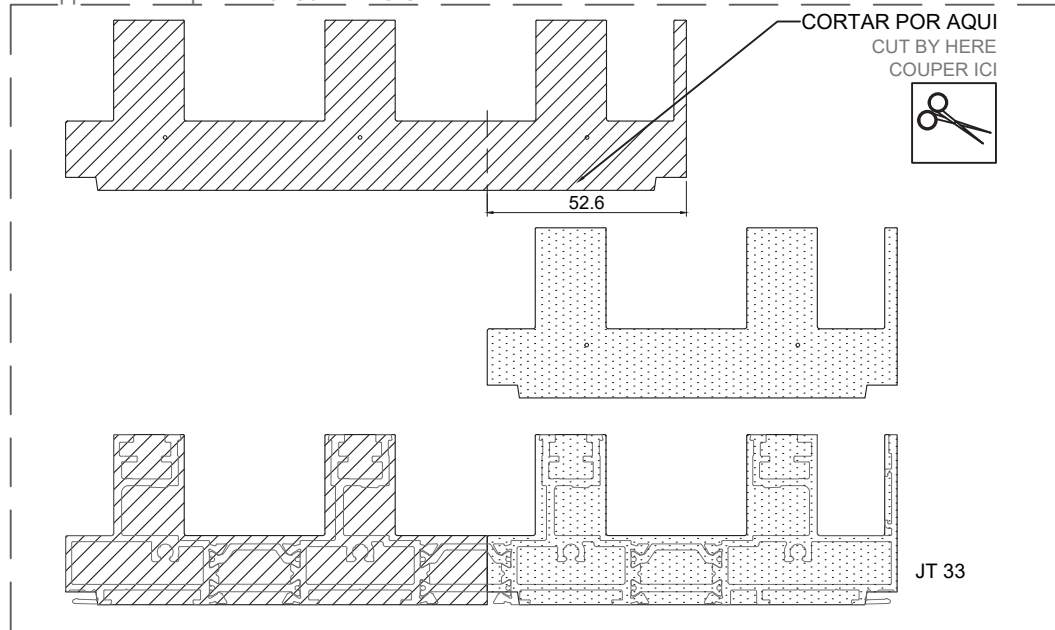


MONTAGEM DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE SEUIL 30MM (COUPE 90°)

3 - Aplicação dos perfis JE96 e PVC U nos aros fixos.

JE96 e U PVC profiles application in fixed frames.

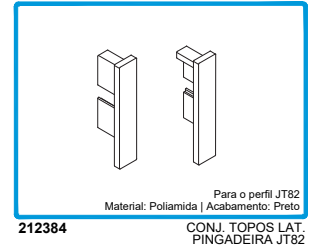
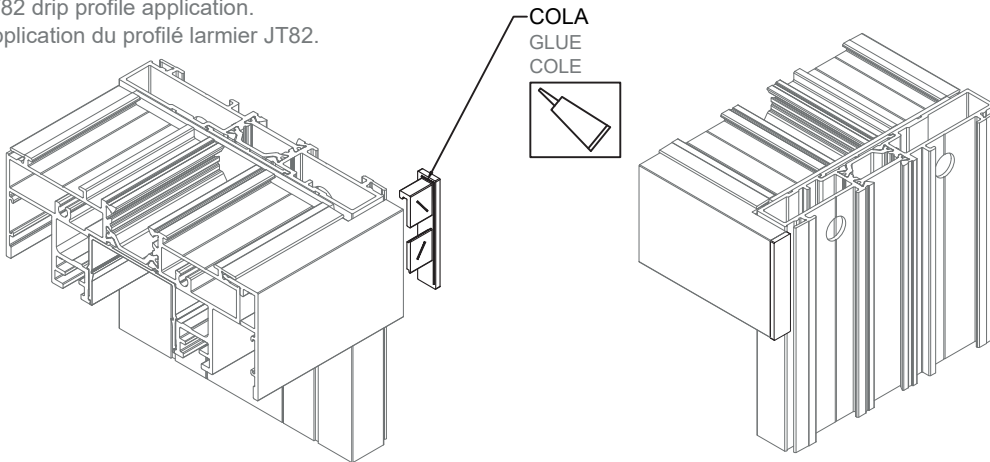
Application de profilés JE96 et PVC U sur les cadres dormant.



MONTAGEM DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE SEUIL 30MM (COUPE 90°)

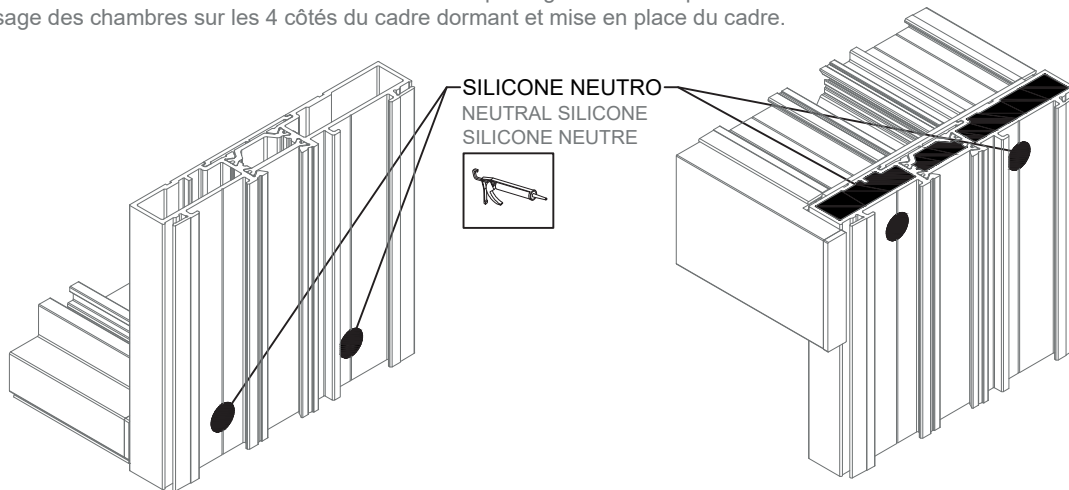
4 - Aplicação do perfil pingadeira JT82.

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 profils de jambage.

Passo | Step | Étape 3:

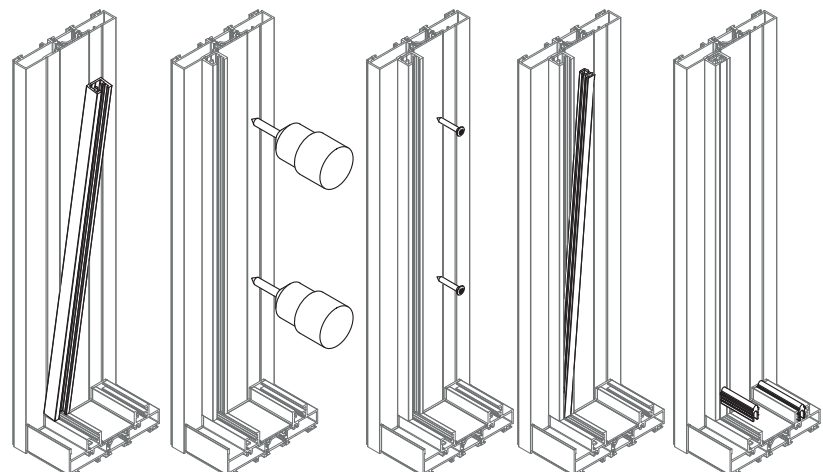
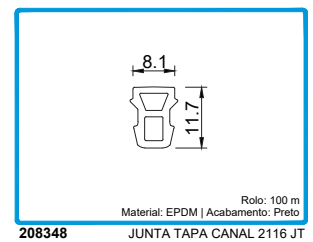
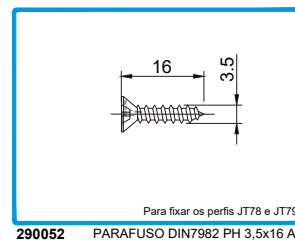
Fixar a guia lateral à ombreira usando parafusos.
Fix the lateral guide into the jamb using screws.
Fixer le guidage latéral au jambage à l'aide de vis.

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.



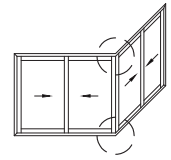
O vedante tem de ser interrompido onde se localizarão os contra-fechos (a zona de interrupção deverá ser suficiente para permitir os movimentos do fecho multiponto SOT).
The joint must be interrupted where the counter-locks will be located (the interrupted zone must be sufficient to allow the movements 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 PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE 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.



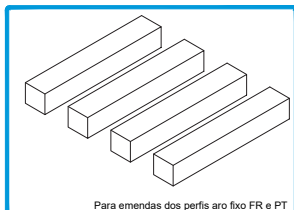
IMPORTANTE | IMPORTANT | IMPORTANT:

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.

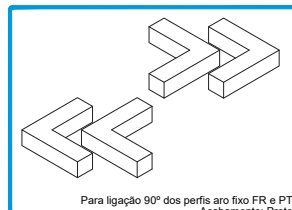
Remplir les chambres de silicone avant de placer les pièces qui composent les ensembles, fixer-les selon les schémas ci-dessous et appliquer du silicone sur la couleur du profil ou du silicone neutre dans la zone des cadres.

APLICAÇÃO NA PADIEIRA | LINTEL APPLICATION | APPLICATION DANS LE LINTEAU

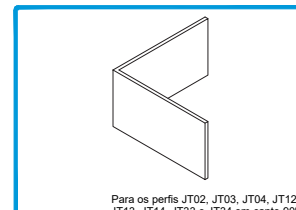


212242 CONJ. UNIÃO RETA JT

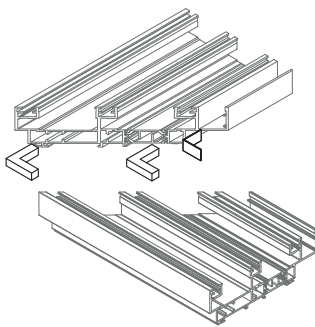
OU | OR | OU



212243 CONJ. UNIÃO CANTO 90° JT

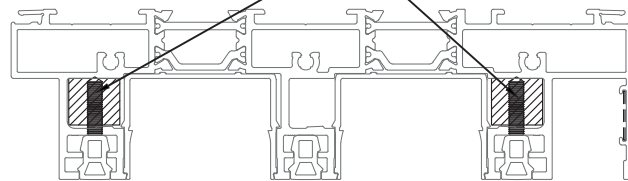


204389 ESQUADRO INOX CANTO 90°

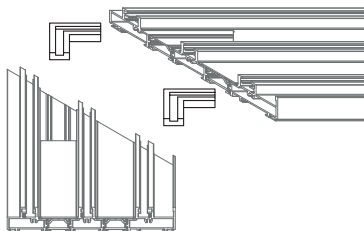


PERNOS M4x16 (NÃO INCLUIDOS)
STUDS M4x16 (NOT INCLUDED)
BOULONS M4x16 (NON INCLUS)

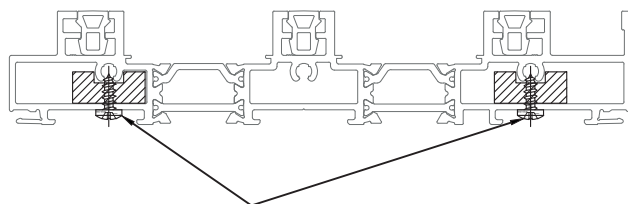
JT 13



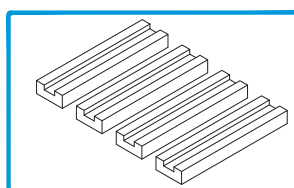
APLICAÇÃO NA SOLEIRA | SILL APPLICATION | APPLICATION DANS LE SEUIL



JT 23

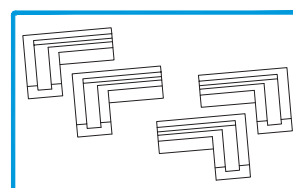


PARAF. DIN7981 3,5x10 (NÃO INCLUIDOS)
SCREWS DIN7981 3,5x10 (NOT INCLUDED)
VIS DIN7981 3,5x10 (NON INCLUS)



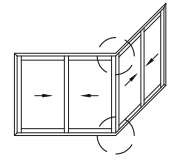
212083 CONJ. UNIÃO RETA ARO BAIXO JT

OU | OR | OU



212084 CONJ. UNIÃO CANTO 90° ARO BAIXO JT

MONTAGEM DOS PERFIS ARO FIXO PARA APLICAÇÃO COM SOLEIRA 30MM (CORTE 90°)
FIXED FRAME PROFILES ASSEMBLY FOR APPLICATION WITH 30MM SILL PROFILE (90° CUT)
ASSEMBLAGE DES PROFILÉS DORMANT PUR APPLICATION DE SEUIL 30MM (COUPE 90°)



8 - Montagem de aros fixos, em tipologias de canto 90°.

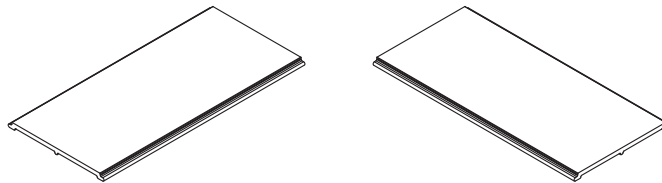
Fixed frames assembly, in 90° corner typologies.
Montage de cadres dormant, en types d'angle à 90°.

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).

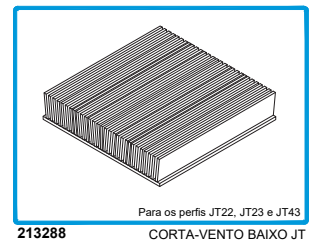
8.2 - Cortar os perfis JE96 antes de aplicar o corta-vento baixo.

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.

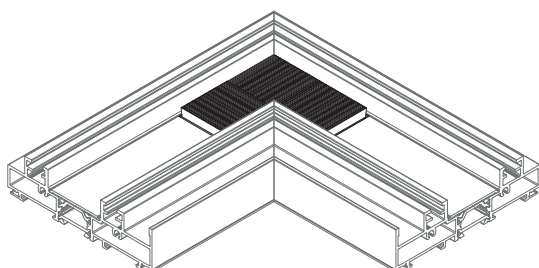
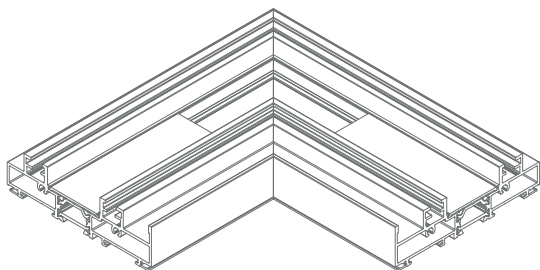
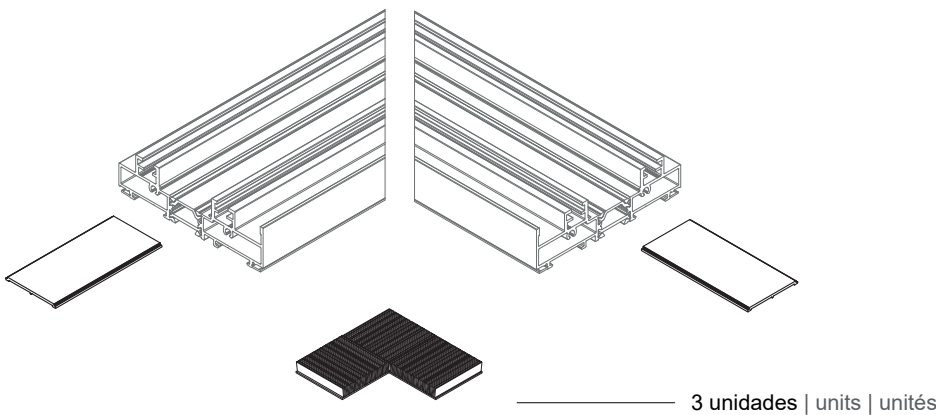


8.3 - Aplicar o corta-vento canto 90° JT no aro fixo.

Apply the 90° corner insulation gasket in the fixed frame.
Appliquer le brossse d'étanchéité angle 90°.



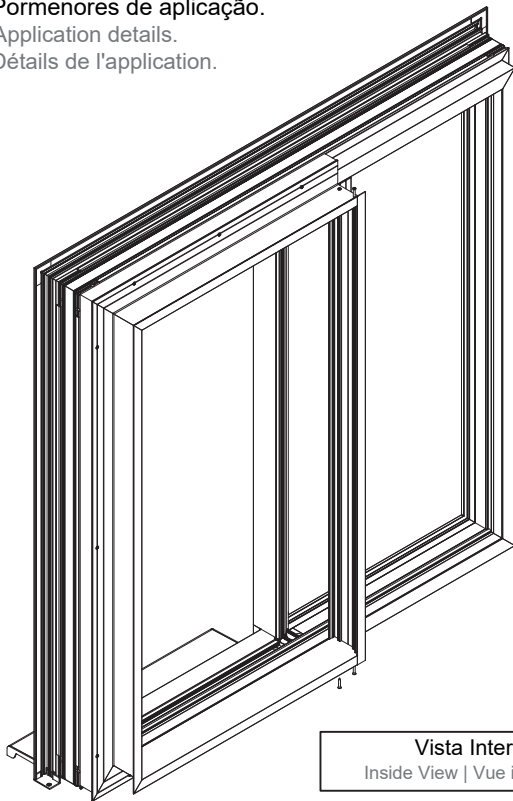
As medidas de corte dos perfis PVC T encontram-se no mapa de quantidades das tipologias de canto.
The cutting measures of the T PVC profiles can be found in the corners typologies quantity map.
Les mesures de coupe des profilés PVC T se trouvent dans la carte de quantité des typologies d'angle.



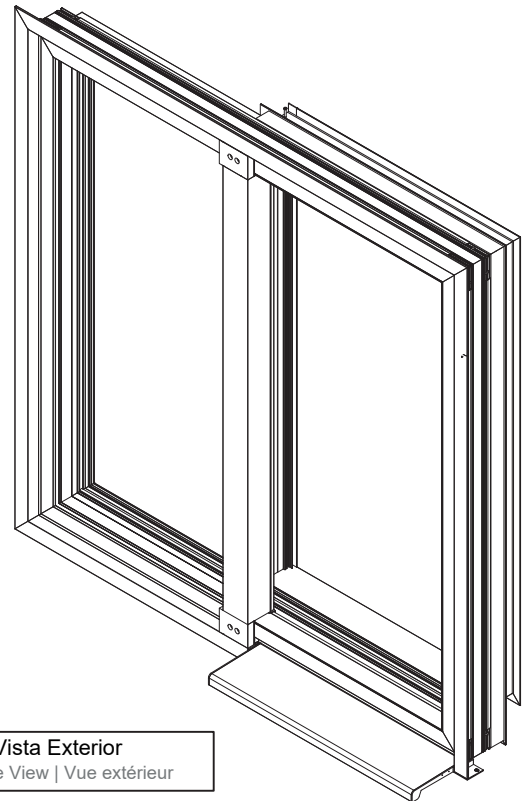
IMPORTANTE | IMPORTANT | IMPORTANT:
Os perfis PVC T superiores só deverão ser colocados depois de os aros móveis estarem aplicados.
The upper T PVC profiles must only be installed after the mobile frames are applied.
Les profilés PVC T supérieures ne doivent être installés qu'après la pose des cadres 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.

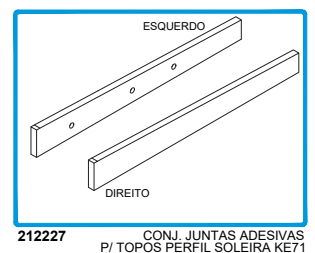
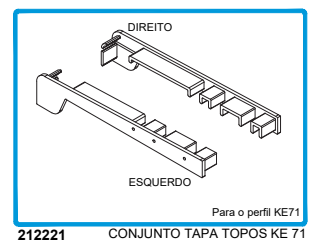
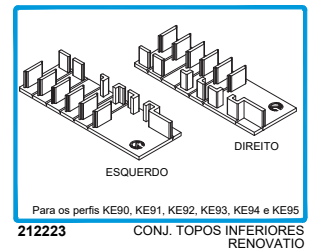
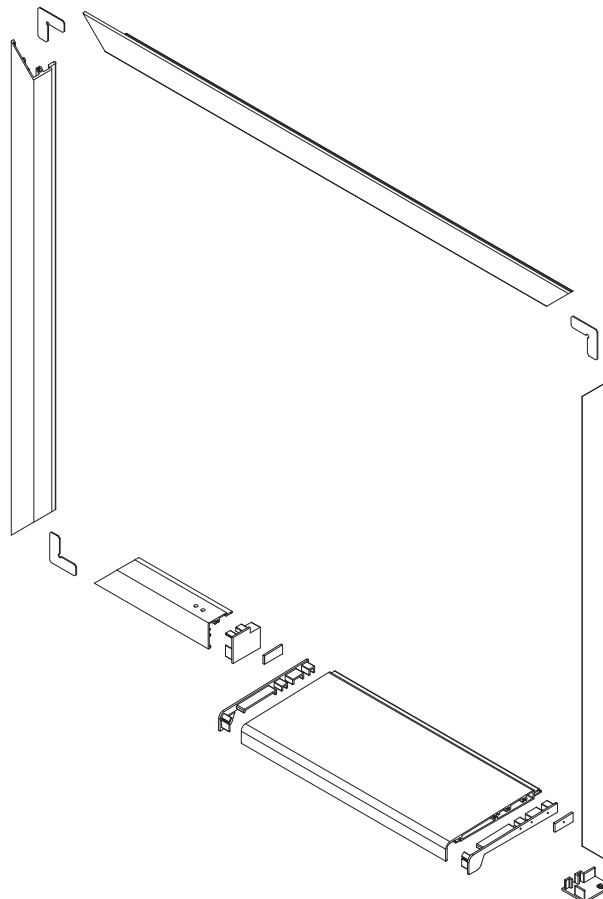


Vista Interior
Inside View | Vue intérieure



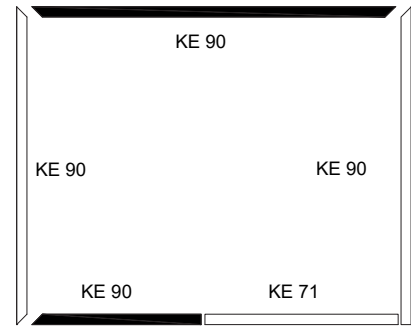
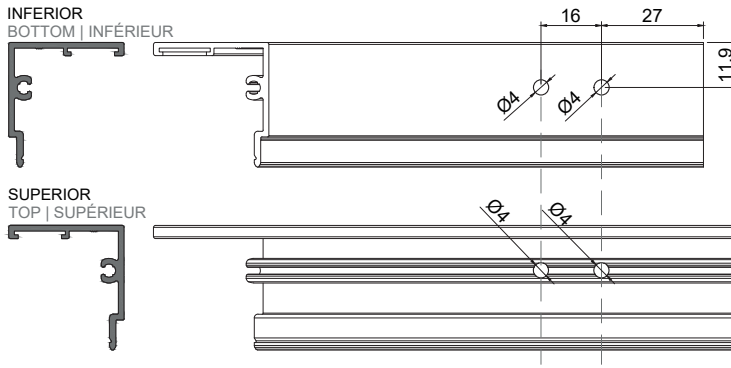
Vista Exterior
Outside View | Vue extérieure

2 - Esquema de aplicação de acessórios para perfis KE71 e KE90.
Application detail of accessories for KE71 and KE90 profiles.
Schéma d'application des accessoires pour les profils KE71 et KE90.

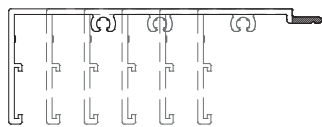


MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

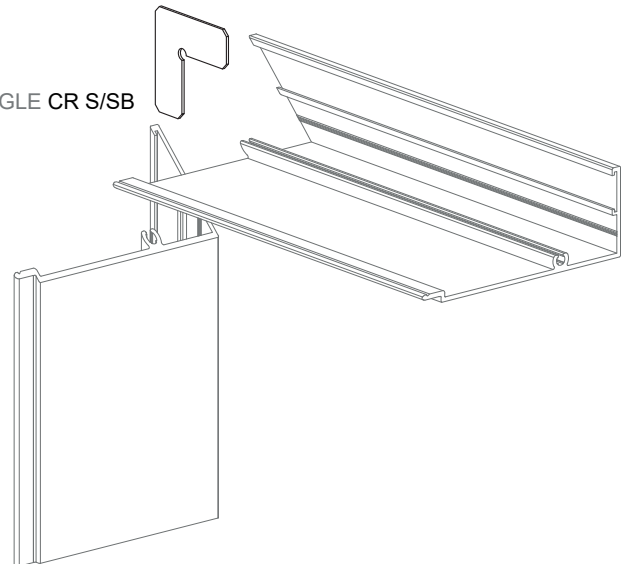
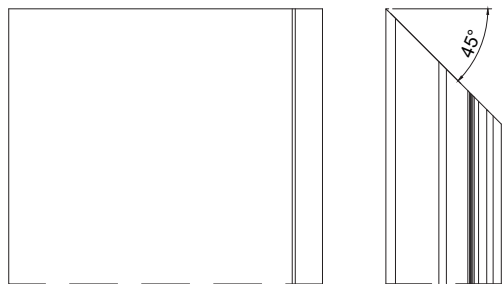
3 - Medidas de corte e maquinações dos perfis KE90 horizontais.
Cutting measures and machining for KE90 horizontal profiles.
Mesures de coupe et usinage des profils horizontaux KE90.



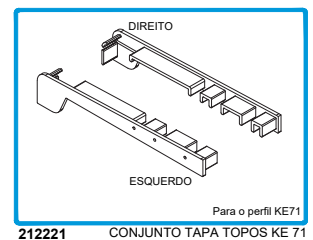
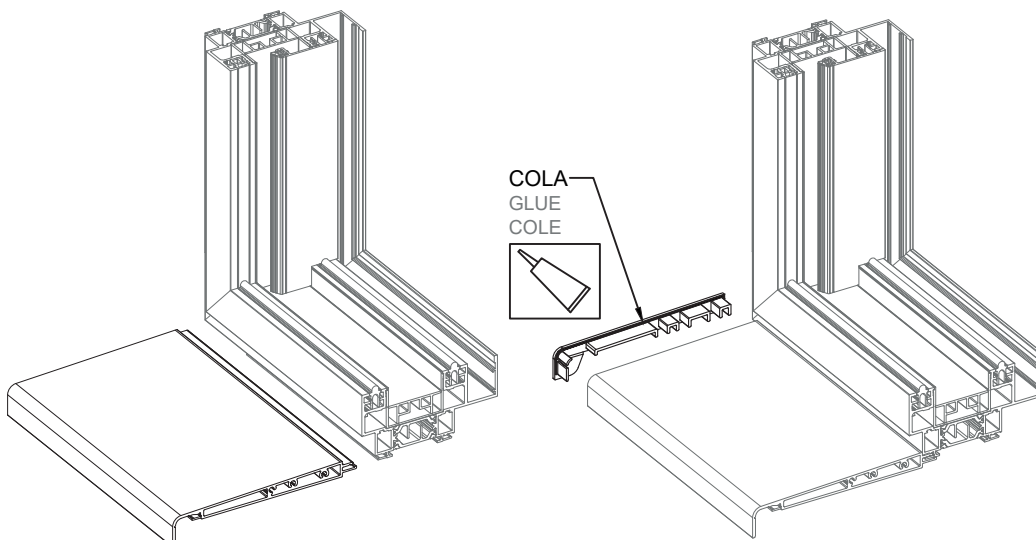
4 - Cortar os perfis de remate lateral a 45° na parte superior.
45° Cut at the top of the lateral finishing profiles.
Couper les profilés latéraux à 45° en haut.



CANTO | CORNER | ANGLE CR S/SB

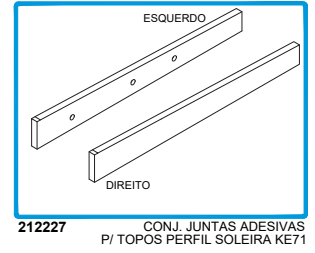
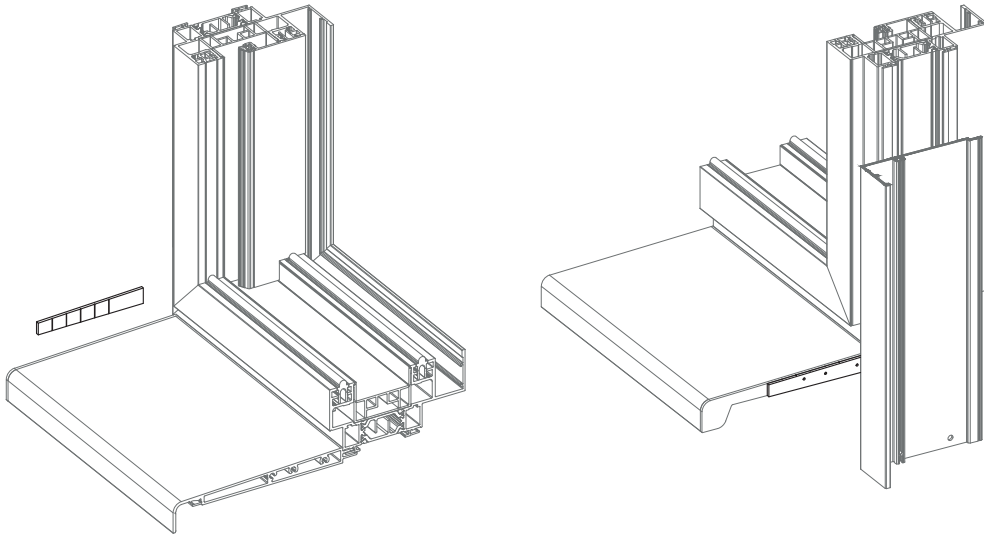


5 - Colocar o perfil KE71 no aro fixo e colocar os seus topos nas extremidades, utilizando cola.
Place the KE71 profile in the fixed frame and place their tops at the ends, using glue.
Placer le profil KE71 dans le cadre fixe et placer leurs sommets aux extrémités, à l'aide de colle.

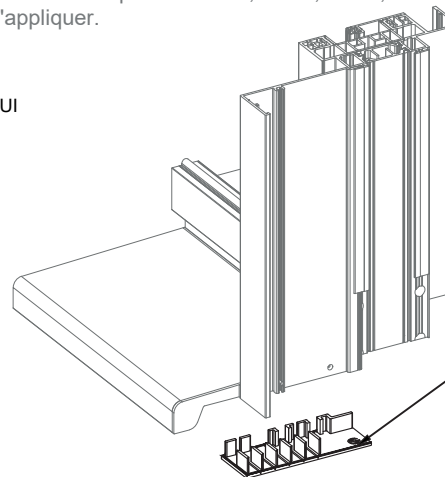
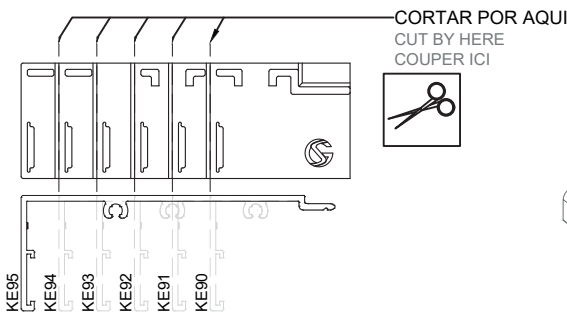
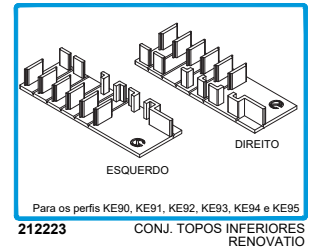


MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

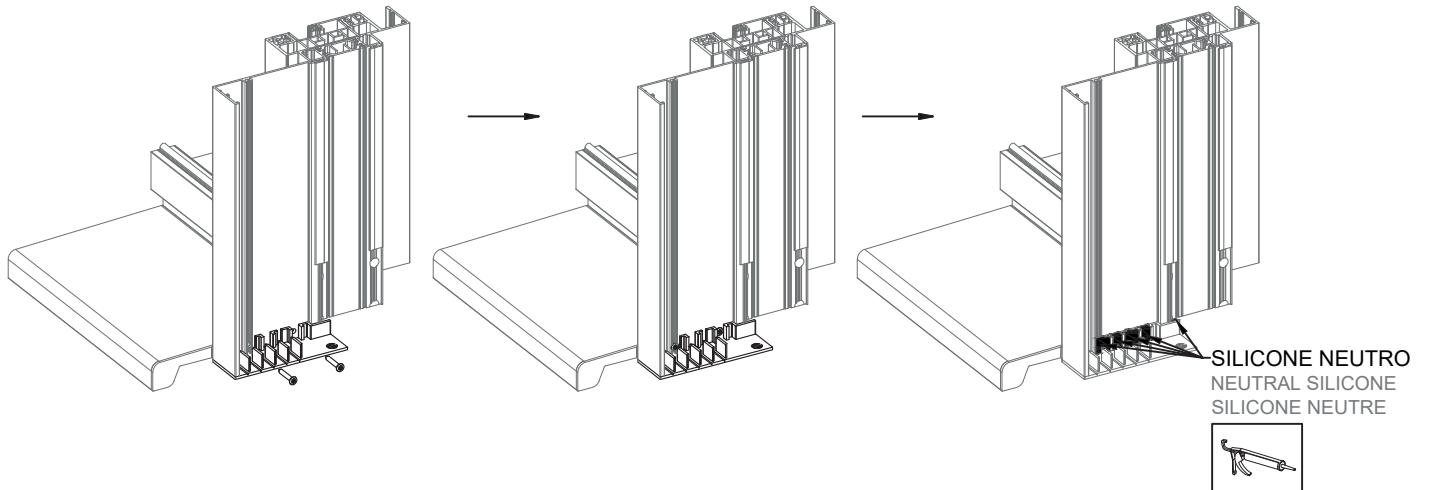
- 6 - Aplicar a junta adesiva no topo do perfil e colocar posteriormente os perfis de remate.
Apply the adhesive joint at the top of the profile and then place the finishing profiles.
Appliquer le joint adhésif sur le dessus du profilé puis placer les profilés de finition.



- 7 - 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.
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.
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.



- 8 - Fixar o topo e o perfil lateral de remate à soleira KE71e preencher com silicone.
Fix the end-cap and the lateral finishing profile to the KE71 sill and fill with silicone.
Fixer les profilés supérieur et latéral au seuil KE71 et remplir de silicone.

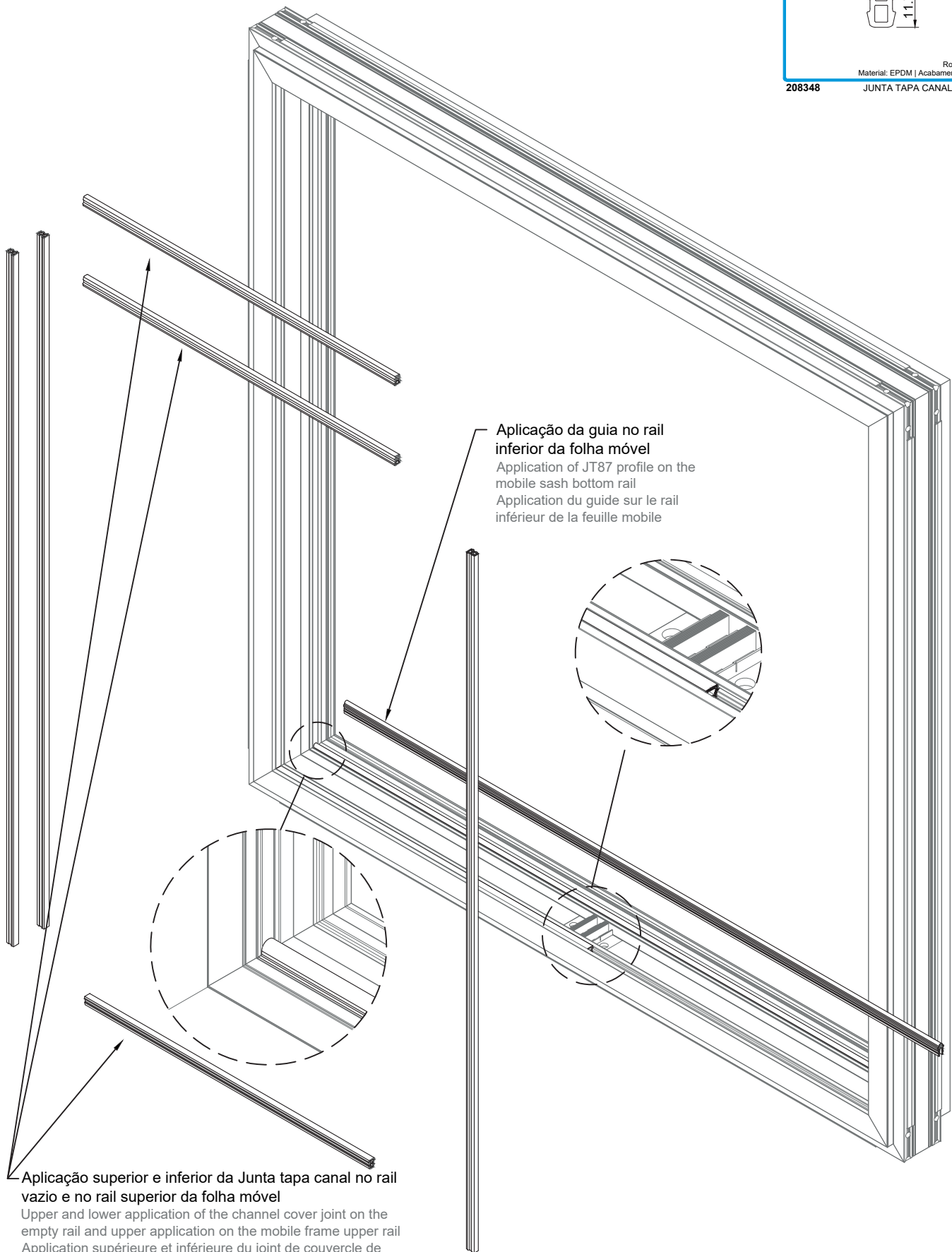
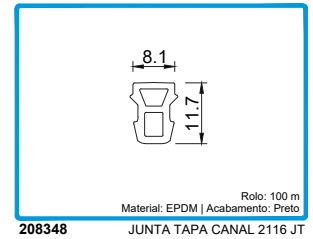


MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

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 recouvrement de canal 2116 JT et des profilés de guide JT87.



Aplicação da guia no rail inferior da folha móvel
Application of JT87 profile on the mobile sash bottom rail
Application du guide sur le rail inférieur de la feuille mobile

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 do perfil montante para solução de embutir JT93 e acessórios.
JT93 mullion profile for pocket solution and accessories application.
Application du profilé de meneau pour galandage JT93 et accessoires.

Passo | Step | Étape 1:

Cortar os perfis JT93 e junta central.
Cut the JT93 profiles and central joint.
Découper les profilés JT93 et le joint central.

Passo | Step | Étape 2:

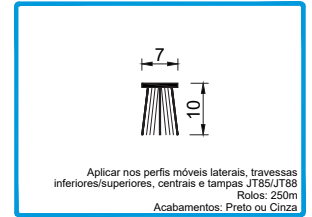
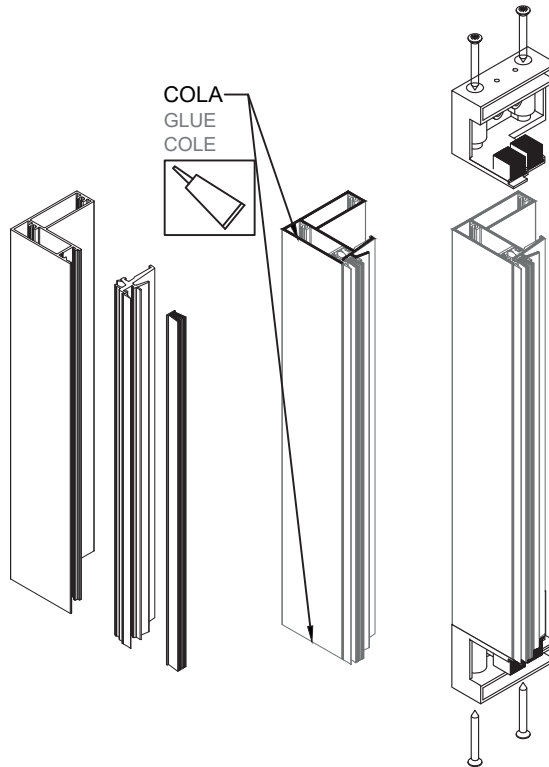
Aplicar cola nas extremidades do perfil JT93.
Apply glue to the ends of the profile.
Perçer le guide latéral et les profilés de jambage.

Passo | Step | Étape 3:

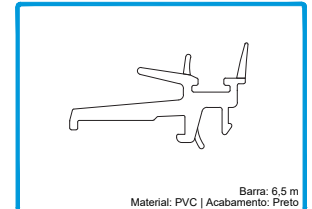
Aparafusar os topos ao perfil
Screw the end-caps to the profile
Fixer le guidage latéral au jambage à l'aide de vis.

Passo | Step | Étape 4:

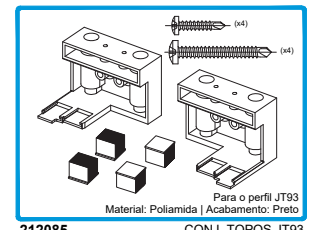
Fixar o perfil JT93 ao aro fixo.
Fix the JT93 profile to the fixed frame.
Fixer le profilé JT93 au le cadre dormant.



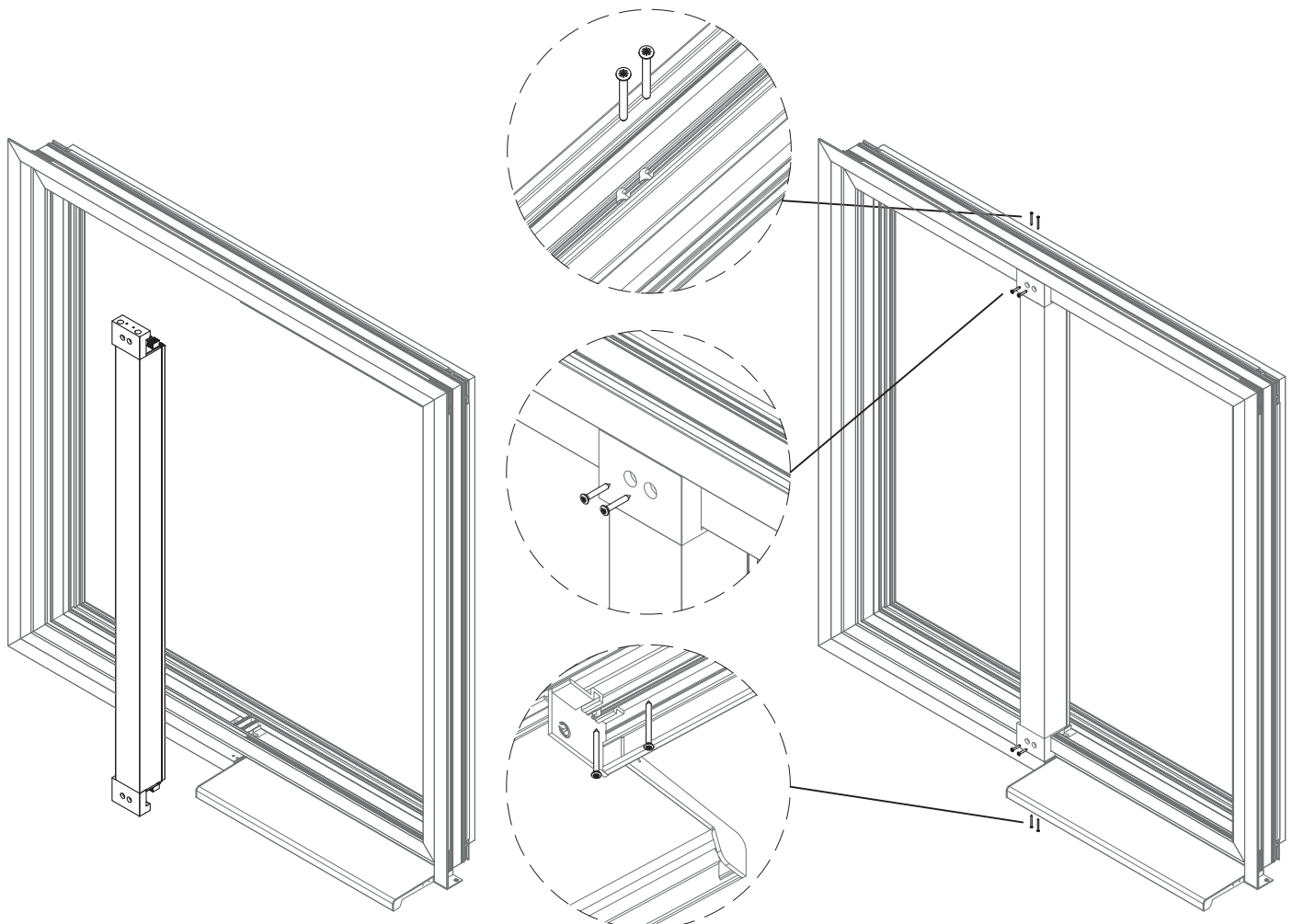
208306 PELÚCIA 7x10 TRI-FIN Cinza
208307 PELÚCIA 7x10 TRI-FIN Preto



208346 JUNTA CENTRAL 2196 JT



212085 CONJ. TOPOS JT93



MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE**11 - Aplicação dos perfis capa JT85 e JT88.**

JT85 and JT88 cover profiles application.

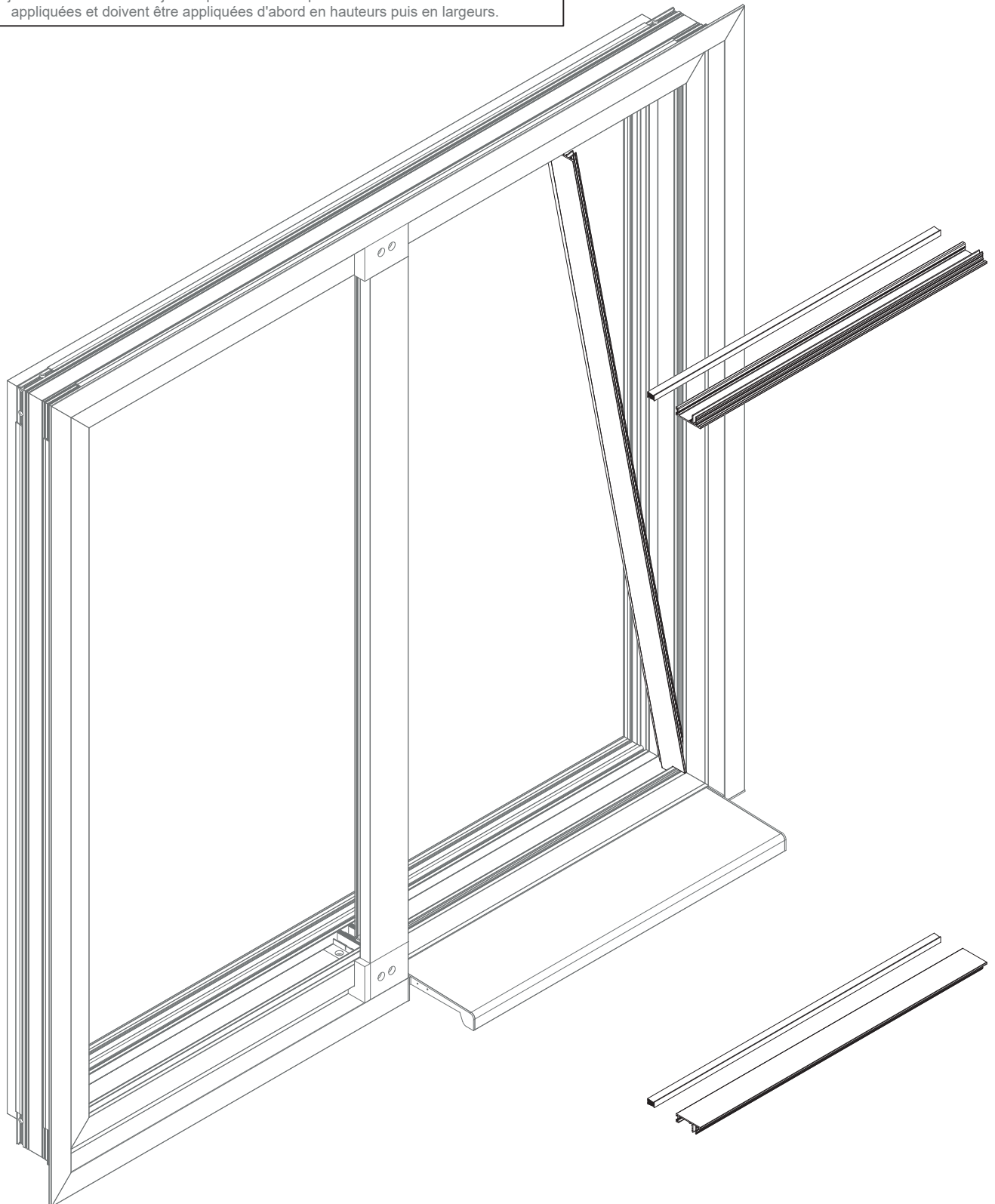
Application des profilés de couverture JT85 et JT88.

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.

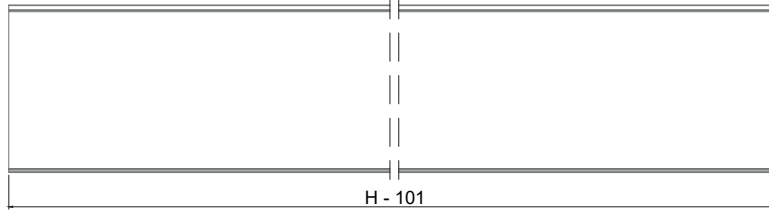
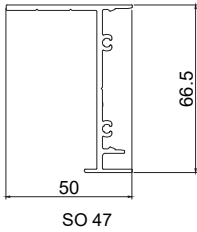
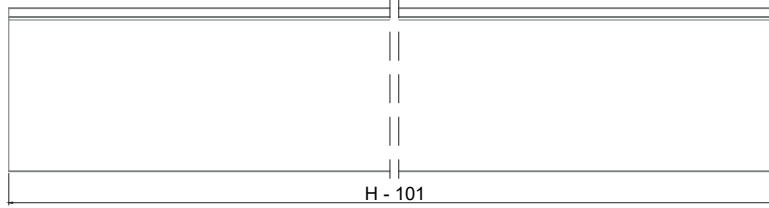
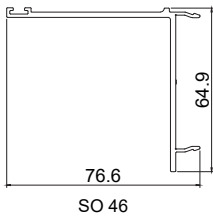
Les joint brosses doivent déjà être placées sur les profilés de couverture avant d'être appliquées et doivent être appliquées d'abord en hauteurs puis en largeurs.



MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

12 - Corte e maquinações dos perfis de remate.
Finishing profiles cutting and milling.
Découpe et usinage des profilés de finition.

IMPORTANT | 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.



KP32

SO 48

SO 48

variável de acordo com nº de parafusos a aplicar
variable according to the no. of screws to be applied
variable selon le nombre de vis à appliquer

A MEDIDA DE CORTE HORIZONTAL DEPENDERÁ DA TIPOLOGIA CONSIDERADA
THE HORIZONTAL CUTTING MEASURE WILL DEPEND ON THE TYPOLOGY CONSIDERED
LA MESURE DE COUPE HORIZONTALE DÉPENDRA DE LA TYPOLOGIE CONSIDÉRÉE

Aplicação Horizontal
Horizontal Application | Application Horizontale

KP32

SO 48

SO 48

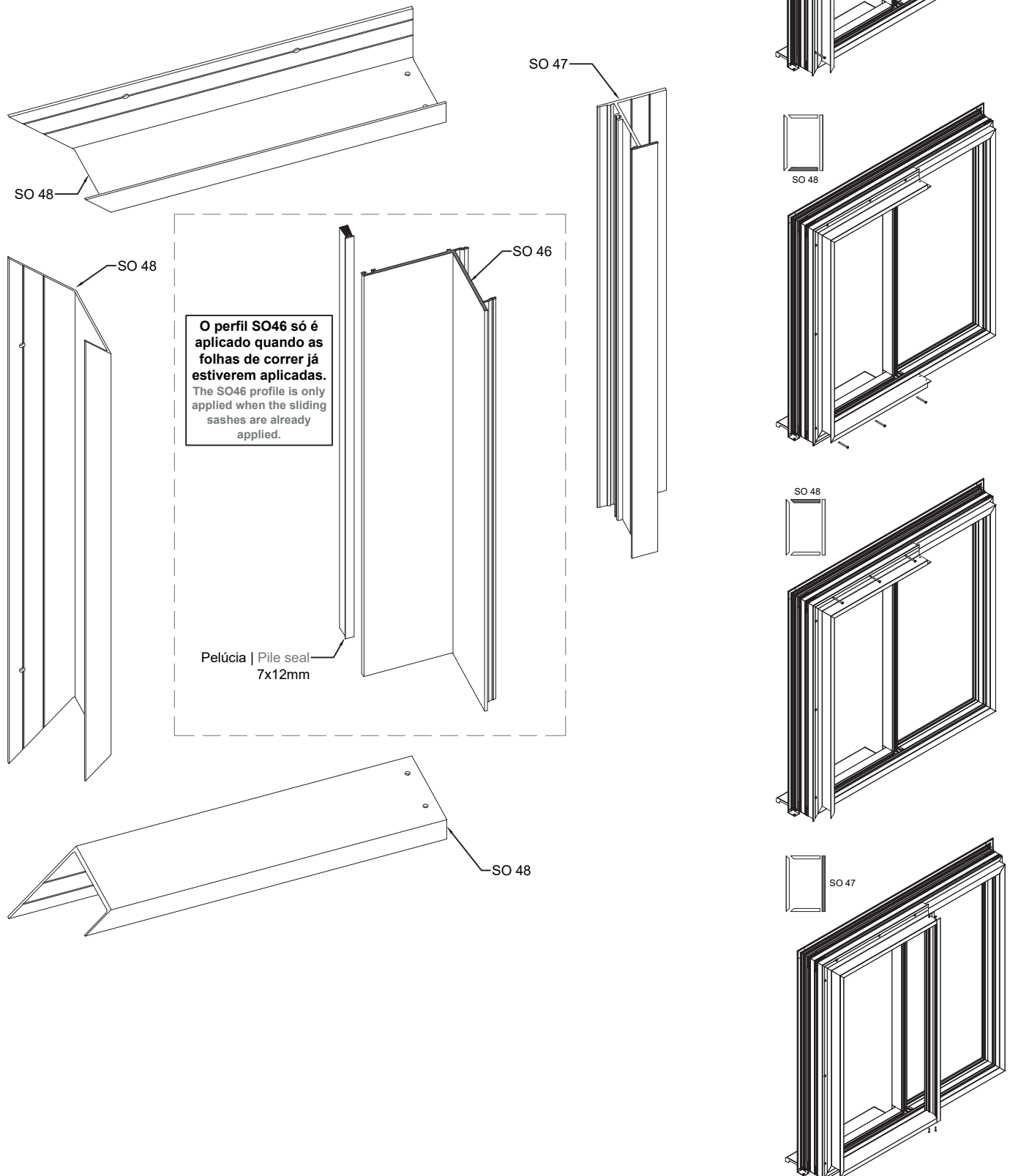
variável de acordo com nº de parafusos a aplicar
variable according to the no. of screws to be applied
variable selon le nombre de vis à appliquer

A MEDIDA DE CORTE VERTICAL DEPENDERÁ DA TIPOLOGIA CONSIDERADA
THE VERTICAL CUTTING MEASURE WILL DEPEND ON THE TYPOLOGY CONSIDERED
LA MESURE DE COUPE VERTICALE DÉPENDRA DE LA TYPOLOGIE CONSIDÉRÉE

Aplicação Vertical
Vertical Application | Application Verticale

MONTAGEM DE TIPOLOGIAS DE EMBUTIR
HIDDEN SLIDING TYPOLOGIES ASSEMBLY
ASSEMBLAGE DE TYPOLOGIES À GALANDAGE

13 - Sequência de montagem.
Assembly sequencyence.
Séquence d'assemblage.



MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

1 - Assemblagem do vidro.

Glass assembly.

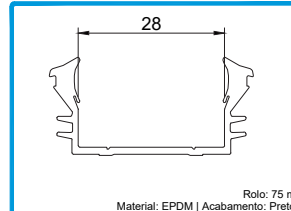
Assemblage du verre.

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.

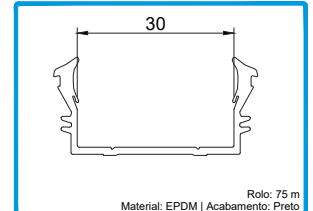
1.1 - Corte dos cantos da junta de vidro U.

U glazing gasket corners cutting.

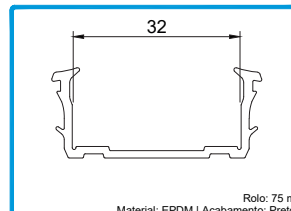
Couper les coins du joint du verre en U.



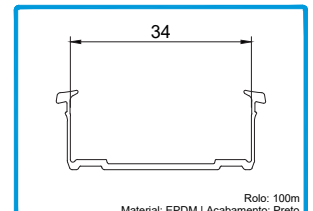
208477 JUNTA VIDRO U 1028 CX 28MM JT



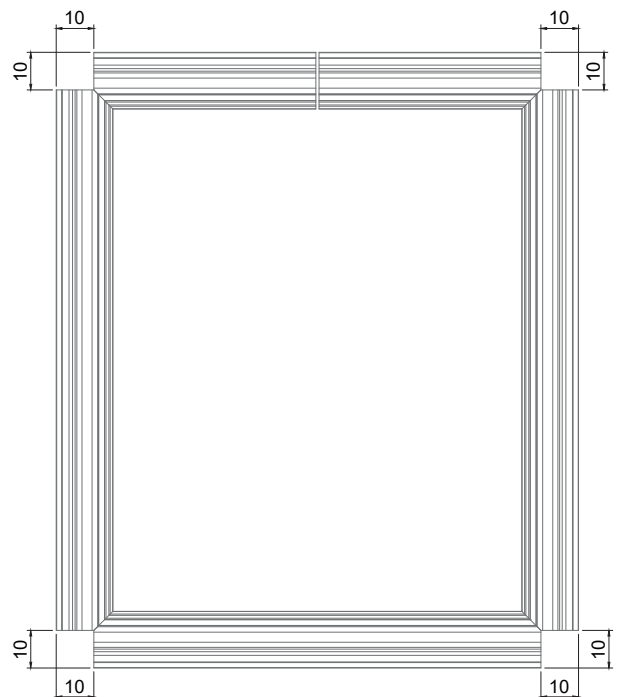
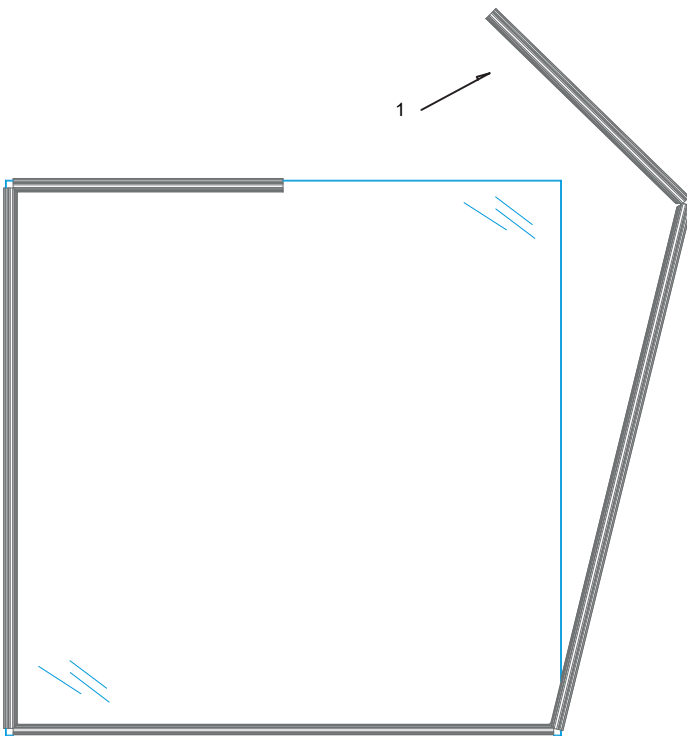
208478 JUNTA VIDRO U 1030 CX 30MM JT



208099 JUNTA VIDRO U 1032 CX 32MM JT



208483 JUNTA VIDRO U 1034 CX 34MM JT



1 - REF 208477: JUNTA VIDRO | GLAZING GASKET | JOINTS DE VITRAGE U 1028 CX 28MM JT

REF 208478: JUNTA VIDRO | GLAZING GASKET | JOINTS DE VITRAGE U 1030 CX 30MM JT

REF 208099: JUNTA VIDRO | GLAZING GASKET | JOINTS DE VITRAGE U 1032 CX 32MM JT

REF 208483: JUNTA VIDRO | GLAZING GASKET | JOINTS DE VITRAGE U 1034 CX 34MM JT

MONTAGEM DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

1 - Assemblagem do vidro.

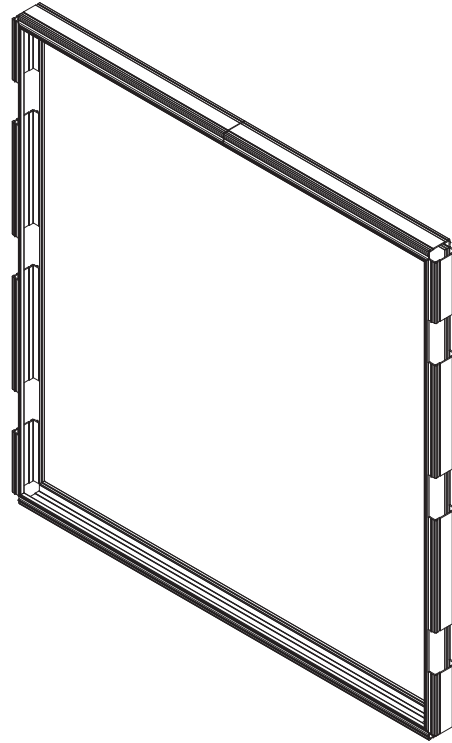
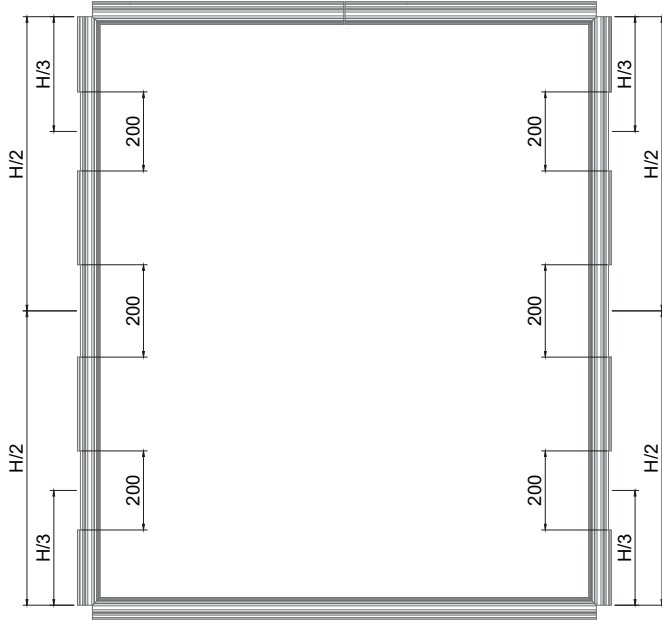
Glass assembly.

Assemblage du verre.

1.2 - Corte da junta de vidro U às alturas assinaladas.

U glazing gasket cut the in the indicated heights indicated.

Couper le joint du verre U aux hauteurs indiquées.



IMPORTANTE | IMPORTANT | IMPORTANT:

Esta operação terá de ser feita em todos os vidros, H>1500mm.

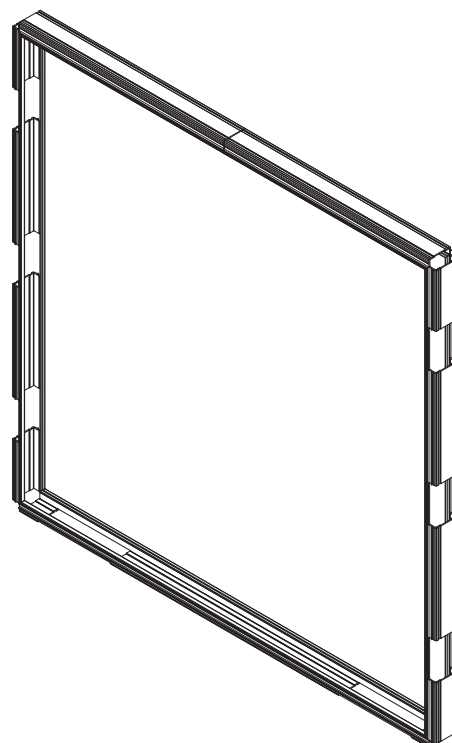
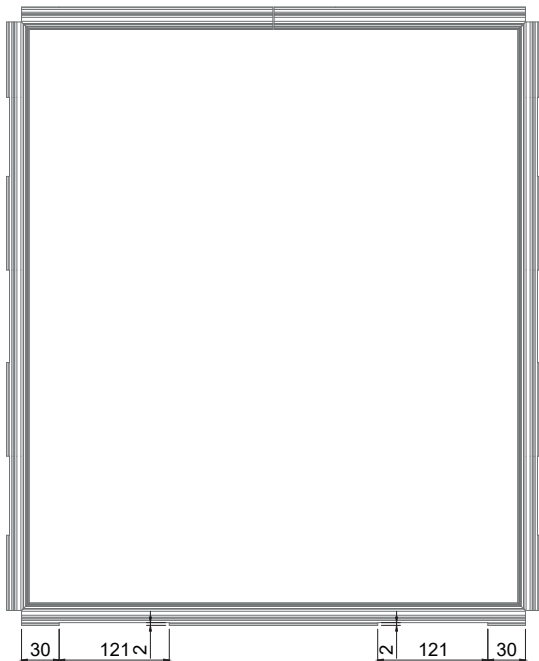
This operation must be done on all glasses, H>1500mm.

Cette opération devra être effectuée sur toutes les verres, H>1500mm.

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.



IMPORTANTE | IMPORTANT | IMPORTANT:

Esta operação apenas será necessária em vidros com mais de 80 Kg.

This operation will only be necessary for glasses with more than 80 Kg.

Cette opération ne sera nécessaire que pour les verres de plus de 80 Kg.

MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY

ASSEMBLAGE DES PROFILÉS OUVRANT

1 - Assemblagem do vidro.

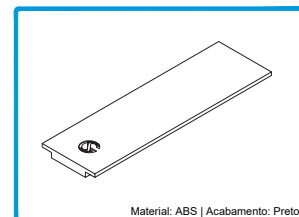
Glass assembly.

Assemblage du verre.

1.4 - Aplicação dos calços de reforço horizontal.

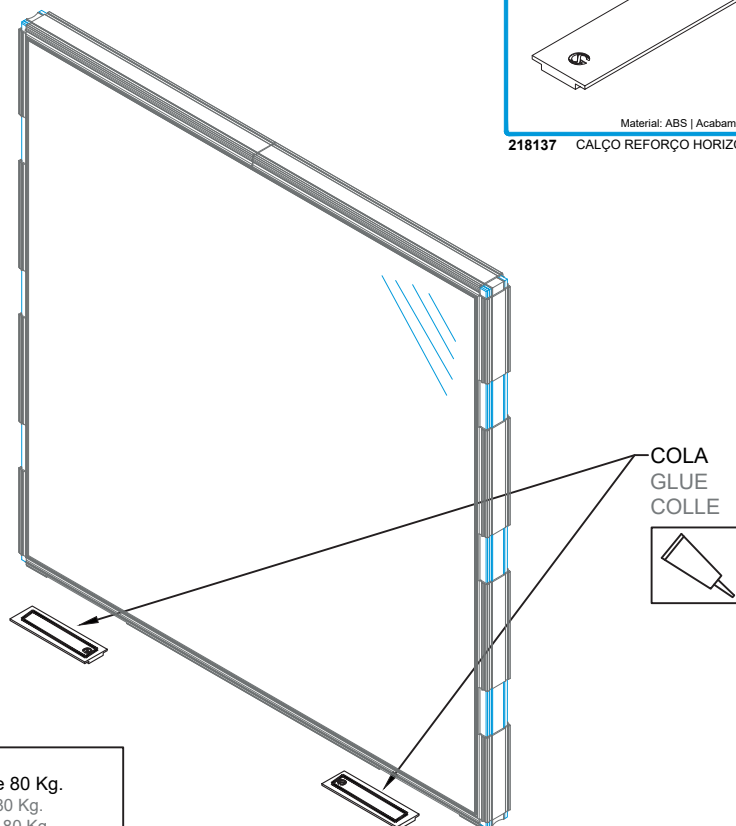
Horizontal reinforcement shims application.

Application des cales de renforcement horizontal.



Material: ABS | Acabamento: Preto

218137 CALÇO REFORÇO HORIZONTAL JT



COLA
GLUE
COLLE



IMPORTANTE | IMPORTANT | IMPORTANT:

Esta operação apenas será necessária em vidros com mais de 80 Kg.

This operation will only be necessary for glasses with more than 80 Kg.

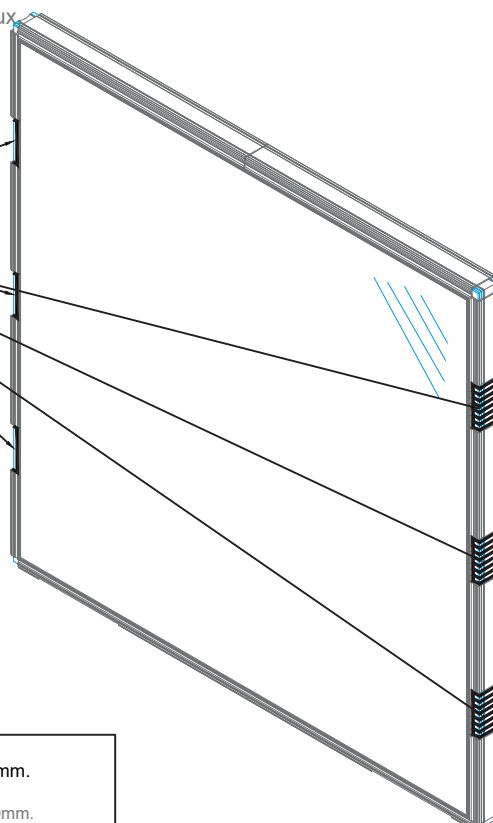
Cette opération ne sera nécessaire que pour les verres de plus de 80 Kg.

1.5 - Colagem estrutural do vidro aos perfis laterais e centrais.

Structural bonding of glass to the lateral and central profiles.

Collage structurel du verre aux profilés latéraux et centraux.

SILICONE ESTRUTURAL
STRUCTURAL SILICONE
SILICONE STRUCTUREL



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.

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.

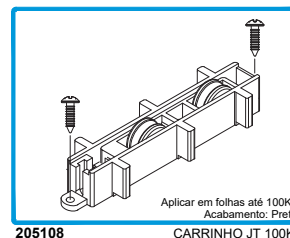
Placement des roulettes sur les traverses inférieures.

IMPORTANT | 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.

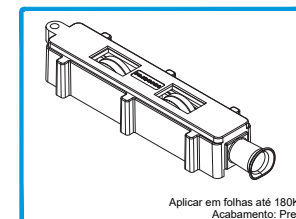
Les roulettes doivent être appliqués sur les traverses inférieures avant de fermer le cadre ouvrant.



205108

Aplicar em folhas até 100Kg
Acabamento: Preto

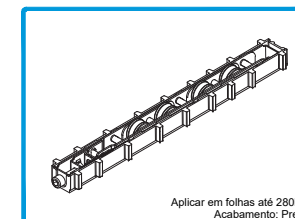
CARRINHO JT 100KG



205129

Aplicar em folhas até 180Kg
Acabamento: Preto

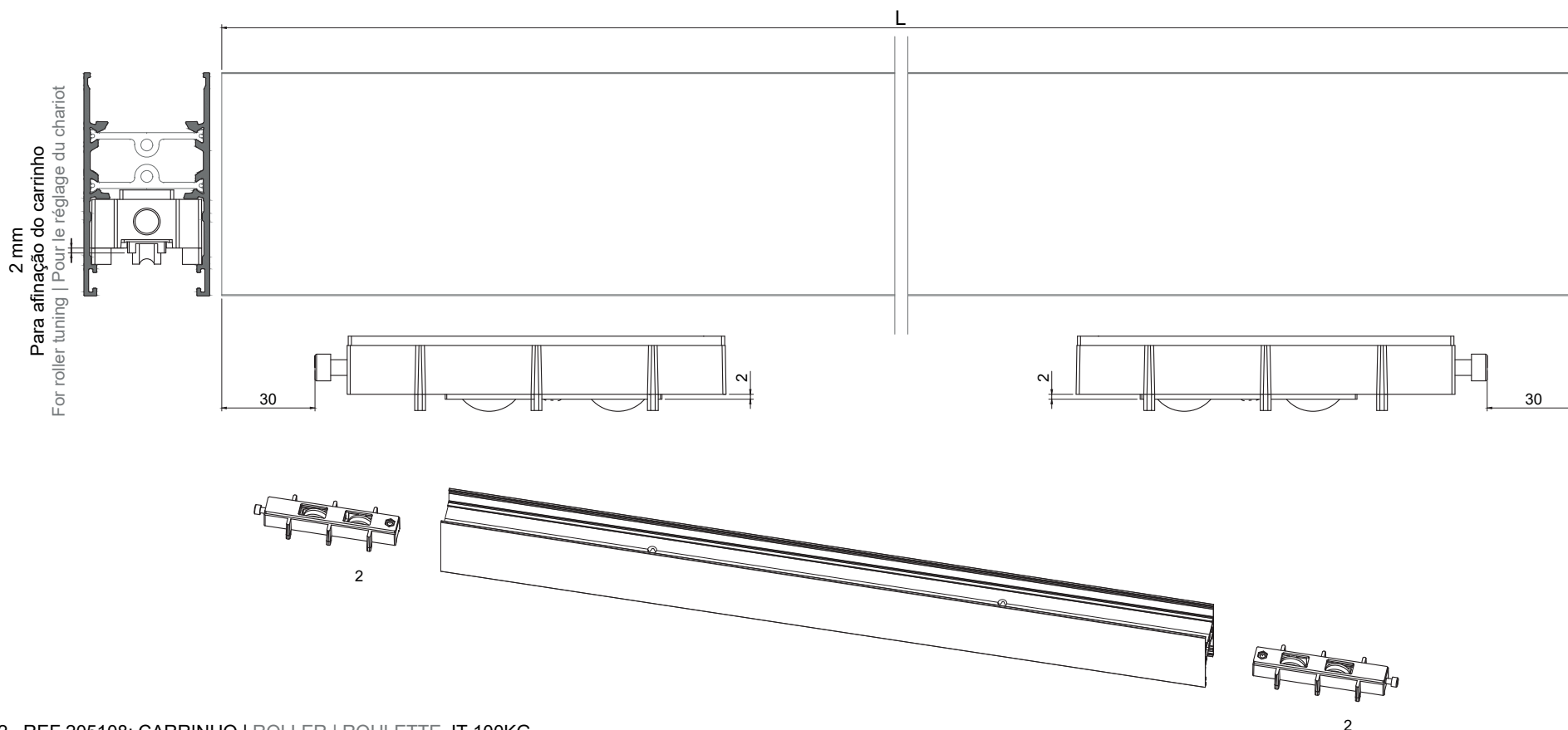
CARRINHO JT 180KG



205201

Aplicar em folhas até 280Kg
Acabamento: Preto

CARRINHO JT HEAVY DUTY



2 - REF 205108: CARRINHO | ROLLER | ROULETTE JT 100KG

REF 205129: CARRINHO | ROLLER | ROULETTE JT 180KG

REF 205201: CARRINHO | ROLLER | ROULETTE JT HEAVY DUTY

MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

3 - Montagem e fixação do aro móvel.

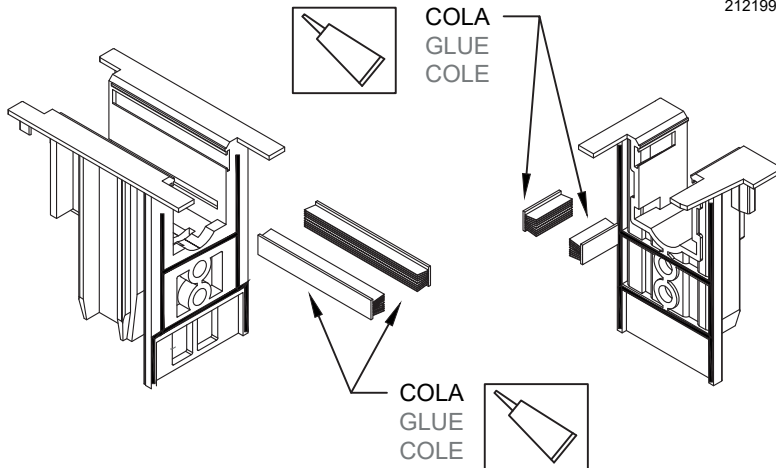
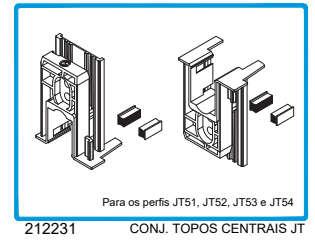
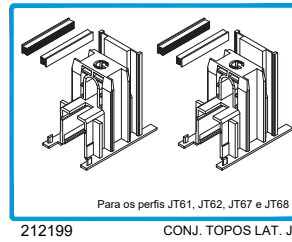
Mobile frame assembling and fixing.

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.

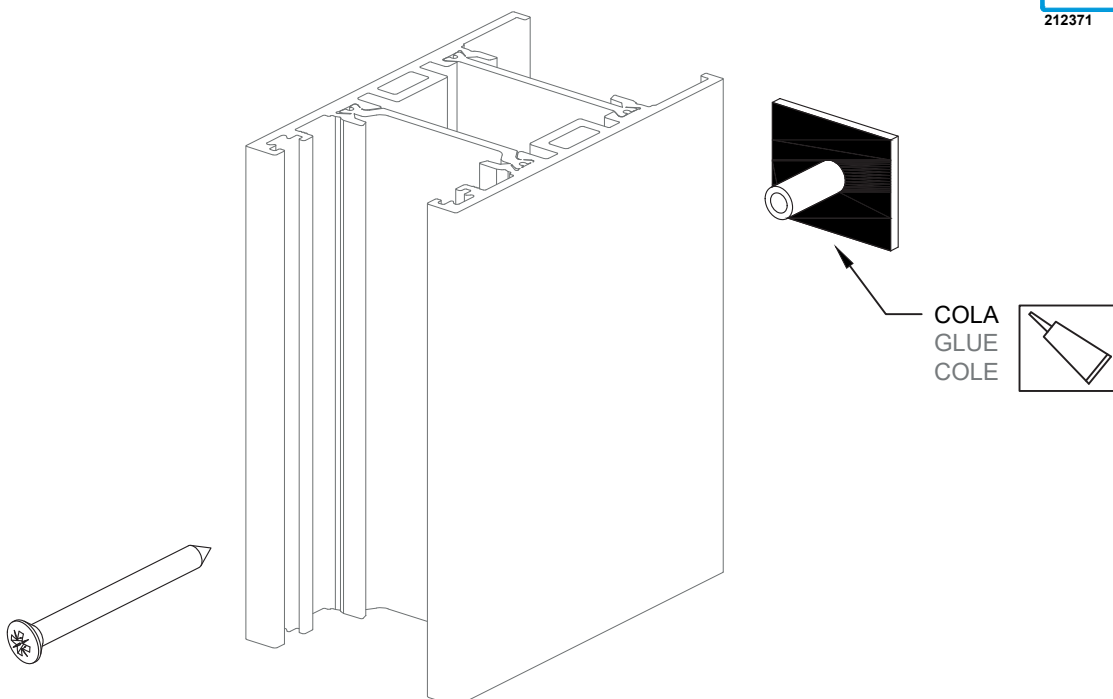
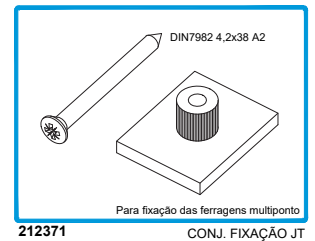
Coller les joint brosses sur les embouts latéraux et centraux avant de les placer sur les profilés.



3.2 - Colar as peças de poliamida ao perfil móvel.

Glue the polyamide parts to the movable profile..

Coller les pièces en polyamide sur le profilé mobile.



MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

3 - Montagem e fixação do aro móvel.

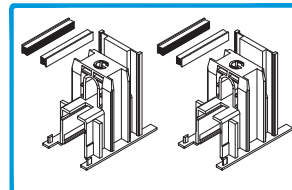
Mobile frame assembling and fixing.

Montage et fixation de le cadre ouvrant.

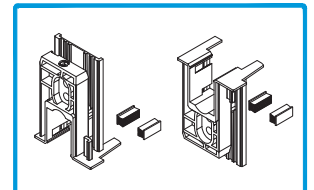
3.3 - Aplicar silicone nas zonas de sobreposição dos perfis móveis verticais/horizontais e nos topos de fixação.

Apply silicone in the overlapping areas of the vertical/horizontal mobile profiles and in the fixing end-caps.

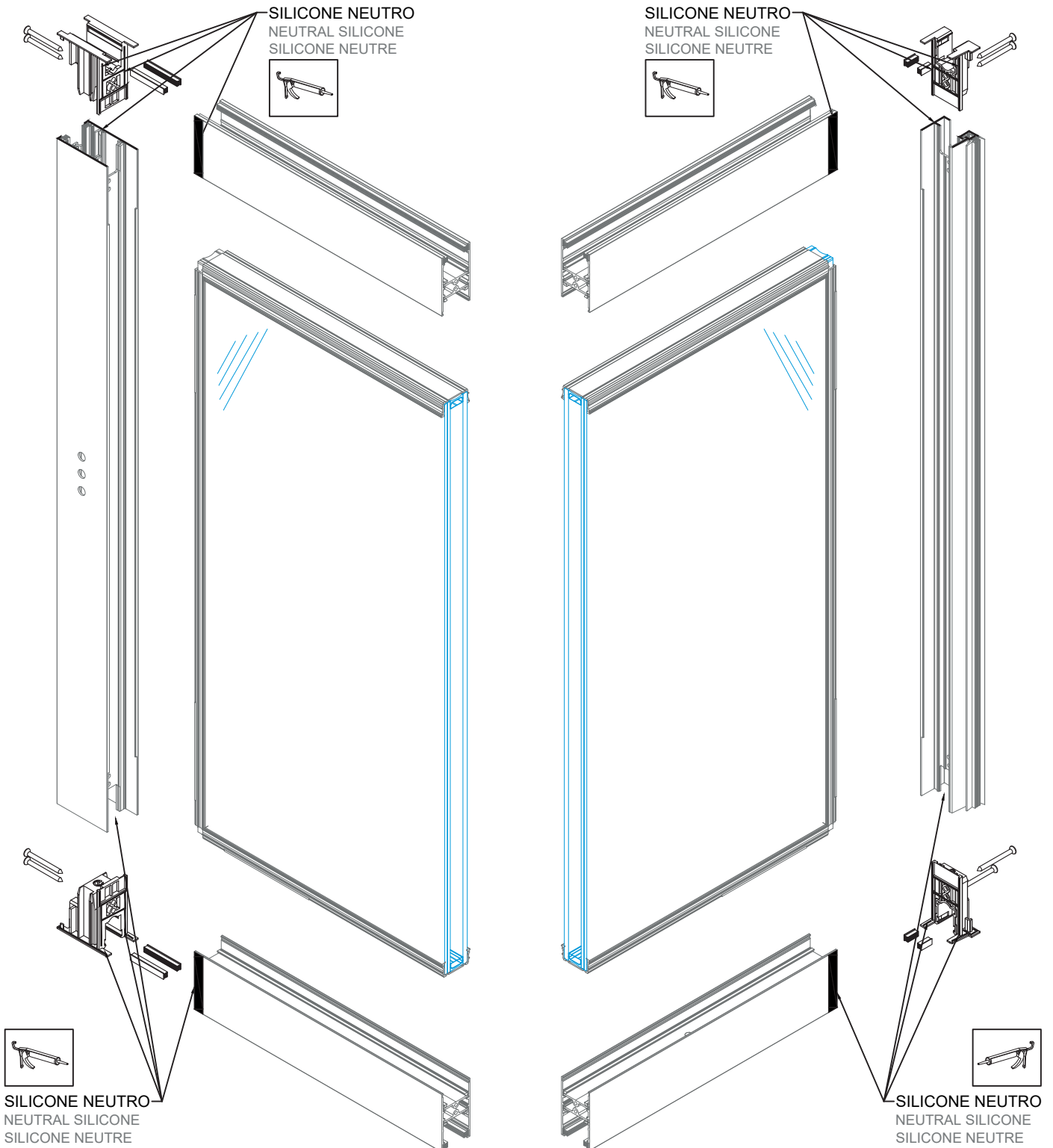
Appliquer du silicone sur les zones de chevauchement des profilés ouvrant verticaux/horizontaux et des embouts de fixation.



212199
CONJ. TOPOS LAT. JT
Para os perfis JT61, JT62, JT67 e JT68
Material: Poliamida | Acabamento: Preto



212231
CONJ. TOPOS CENTRAIS JT
Para os perfis JT51, JT52, JT53 e JT54
Material: Poliamida | Acabamento: Preto



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.

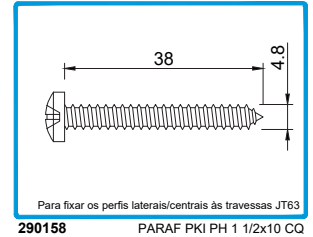
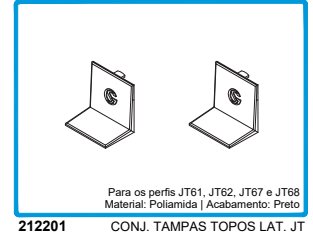
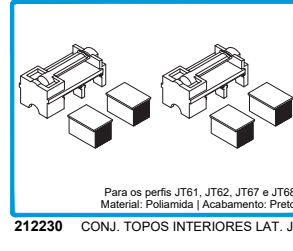
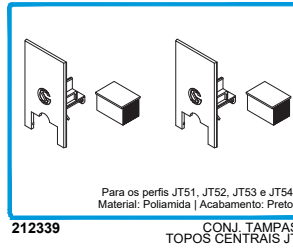
3.4 - Etapas de montagem.

Assembly steps.
Étapes d'assemblage.

Passo | Step | Étape 1:

Colocar as travessas inferior e superior no vidro

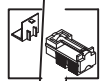
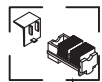
Place the upper and lower transoms on the glass
Placer les traverses supérieure et inférieure sur le verre



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 appliquée 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 appliquée 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

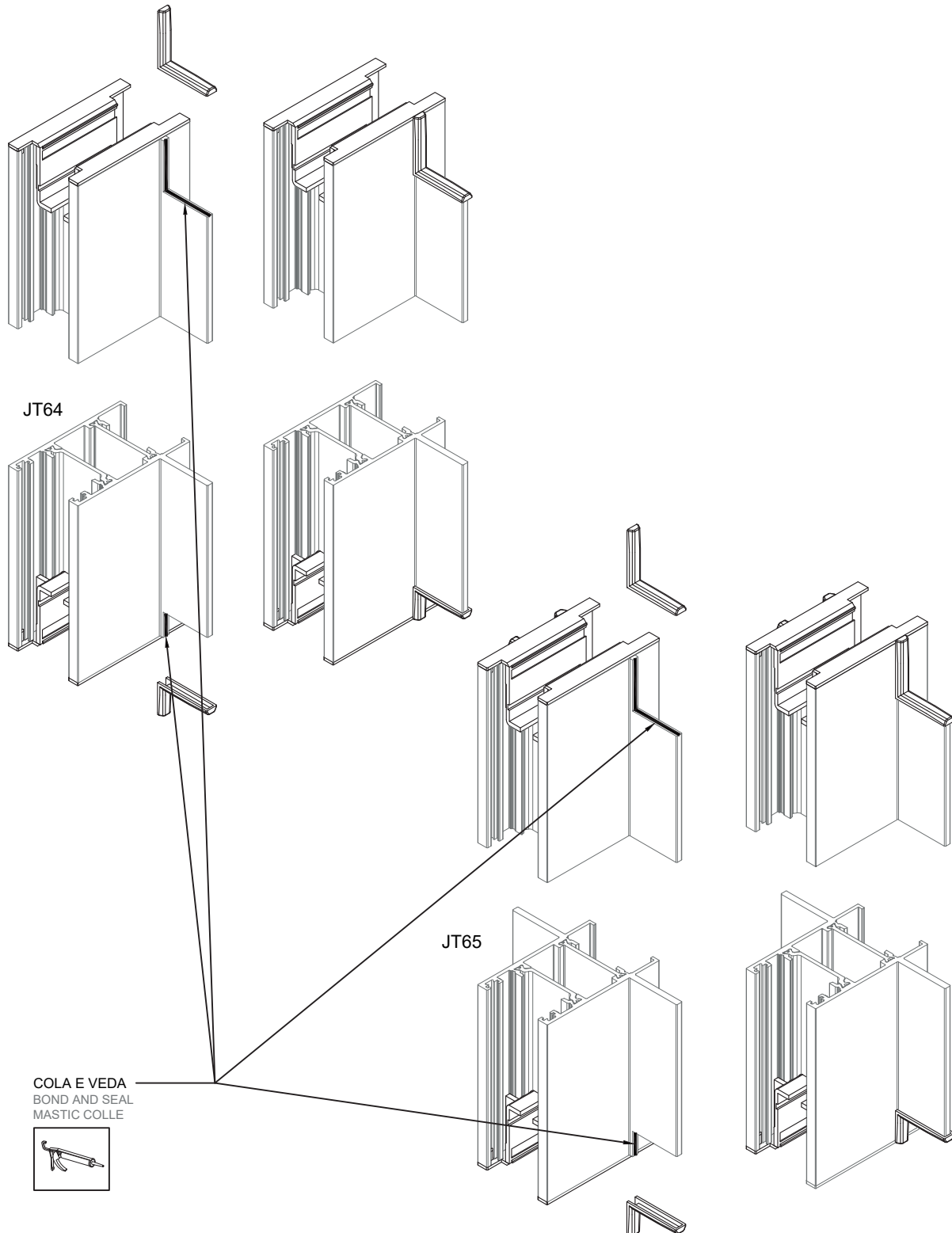
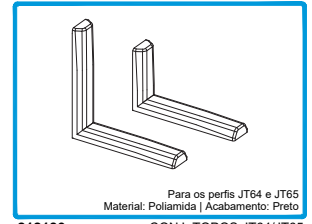
4 - Perfis móveis laterais.

Lateral mobile profiles.
Profils ouvrants latéraux.

4.1 - Os topos que constituem o Conjunto de Topos Laterais JT64/JT65 devem ser aplicados conforme a referência e frezagem 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:



MONTAGEM DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

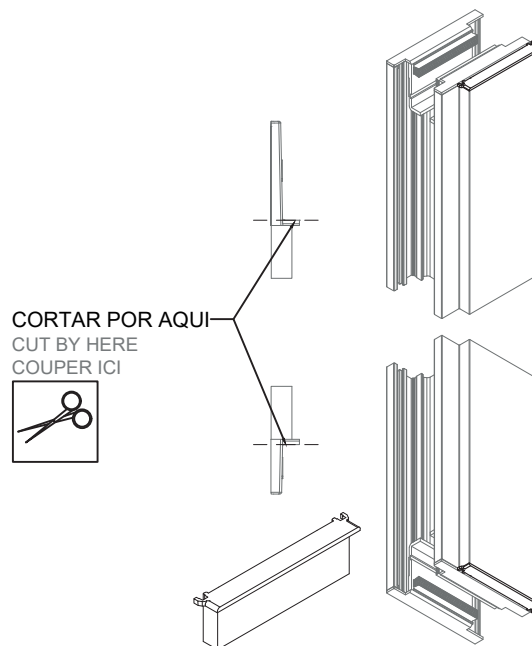
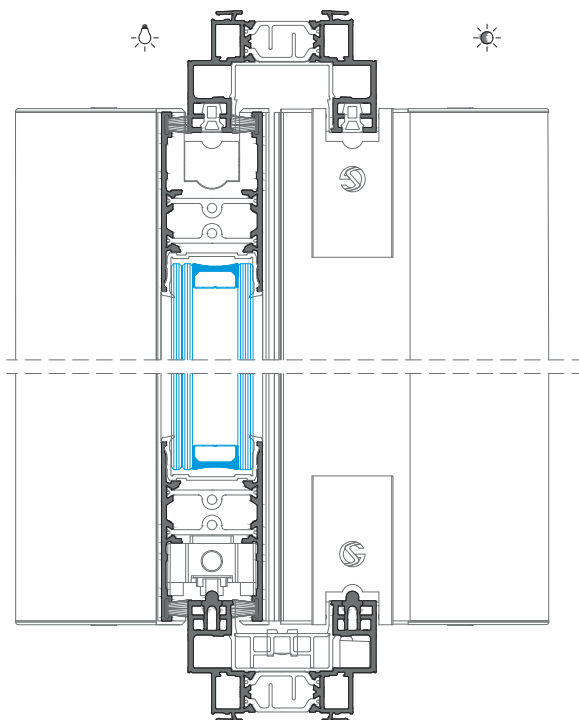
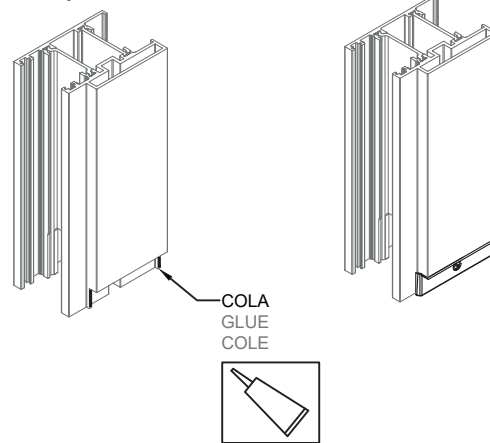
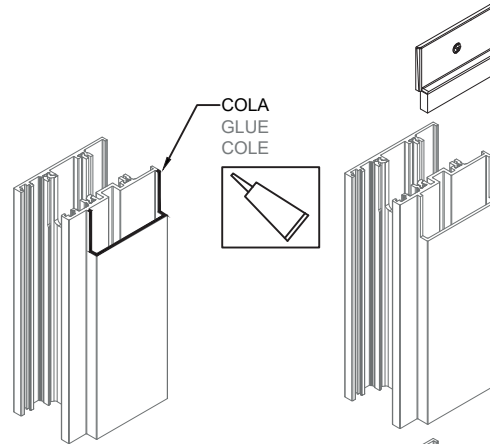
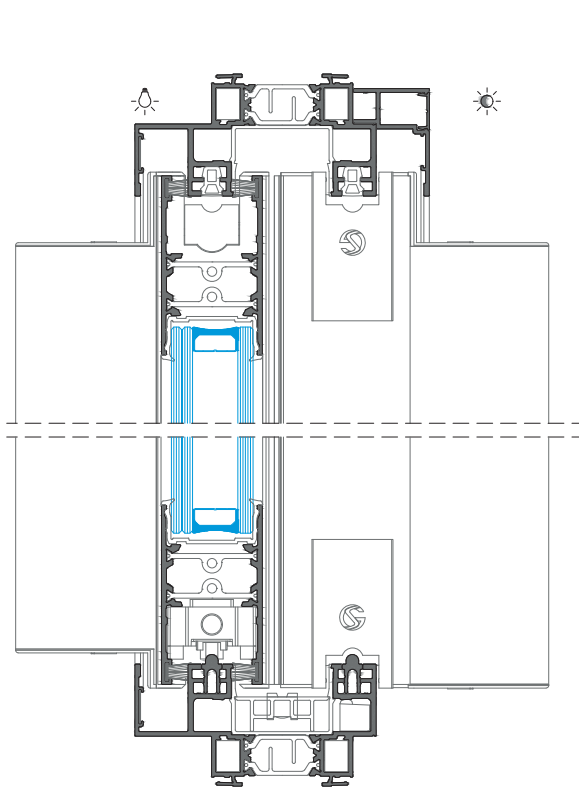
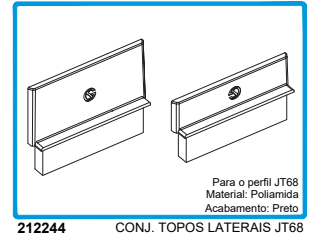
4 - Perfis móveis laterais.

Lateral mobile profiles.
Profils ouvrants latéraux.

4.2 - Os topos que constituem o Conjunto de Topos Laterais JT68 devem ser aplicados conforme a referência e frezagem 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:



MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

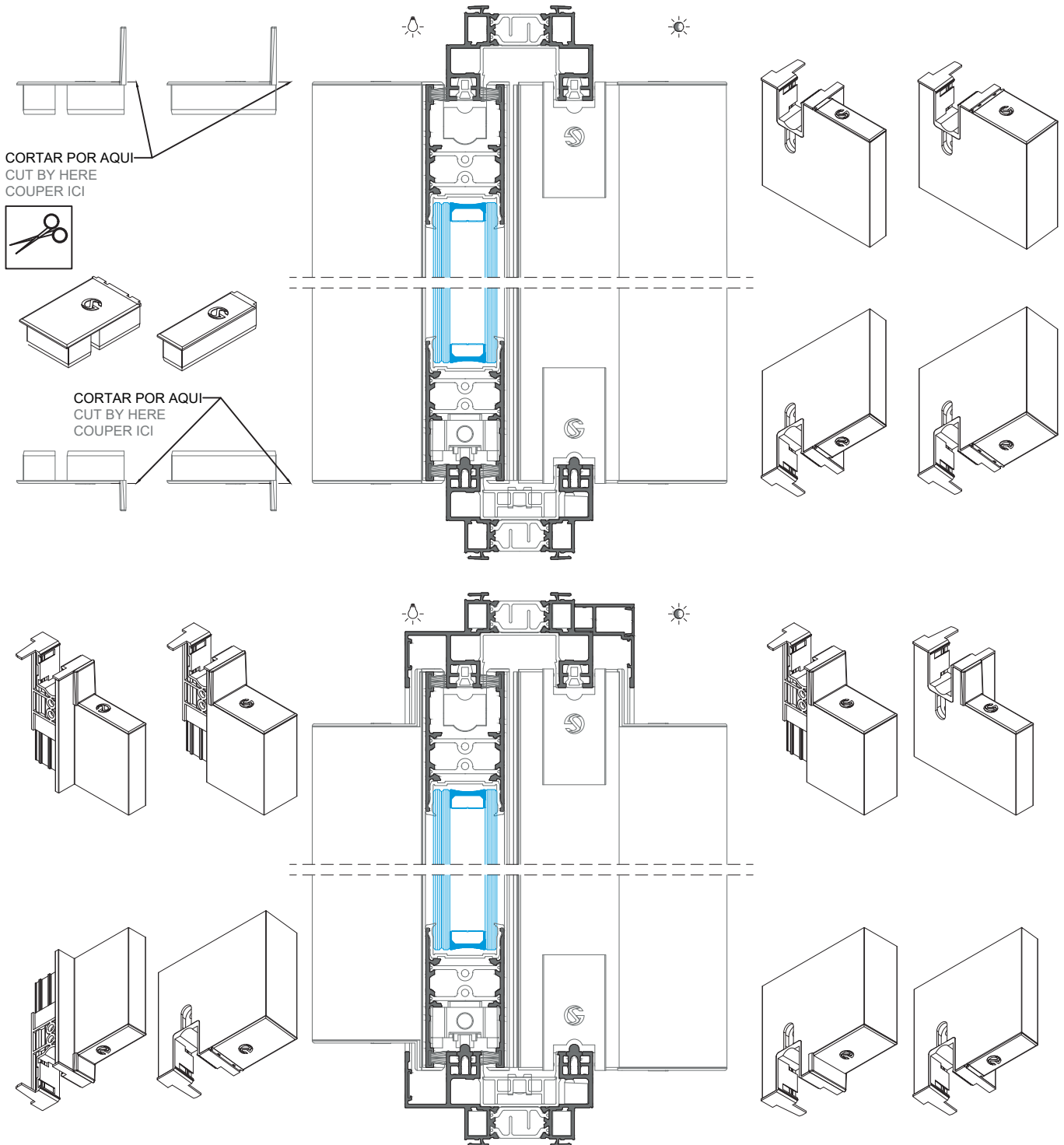
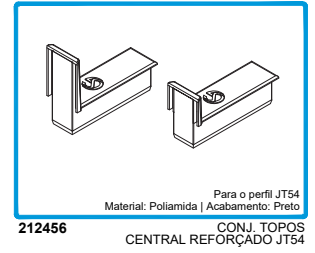
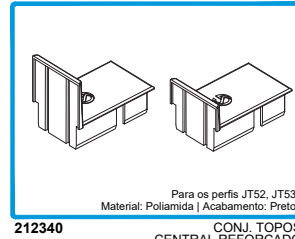
5 - Perfis móveis centrais.

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:



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.**

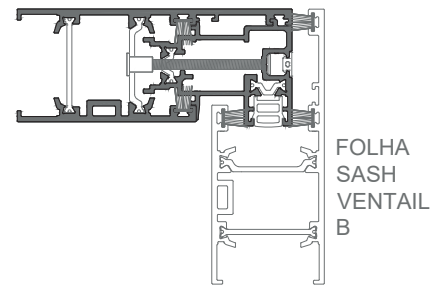
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

6.1 - Fixação dos perfis JT62 e JT72.

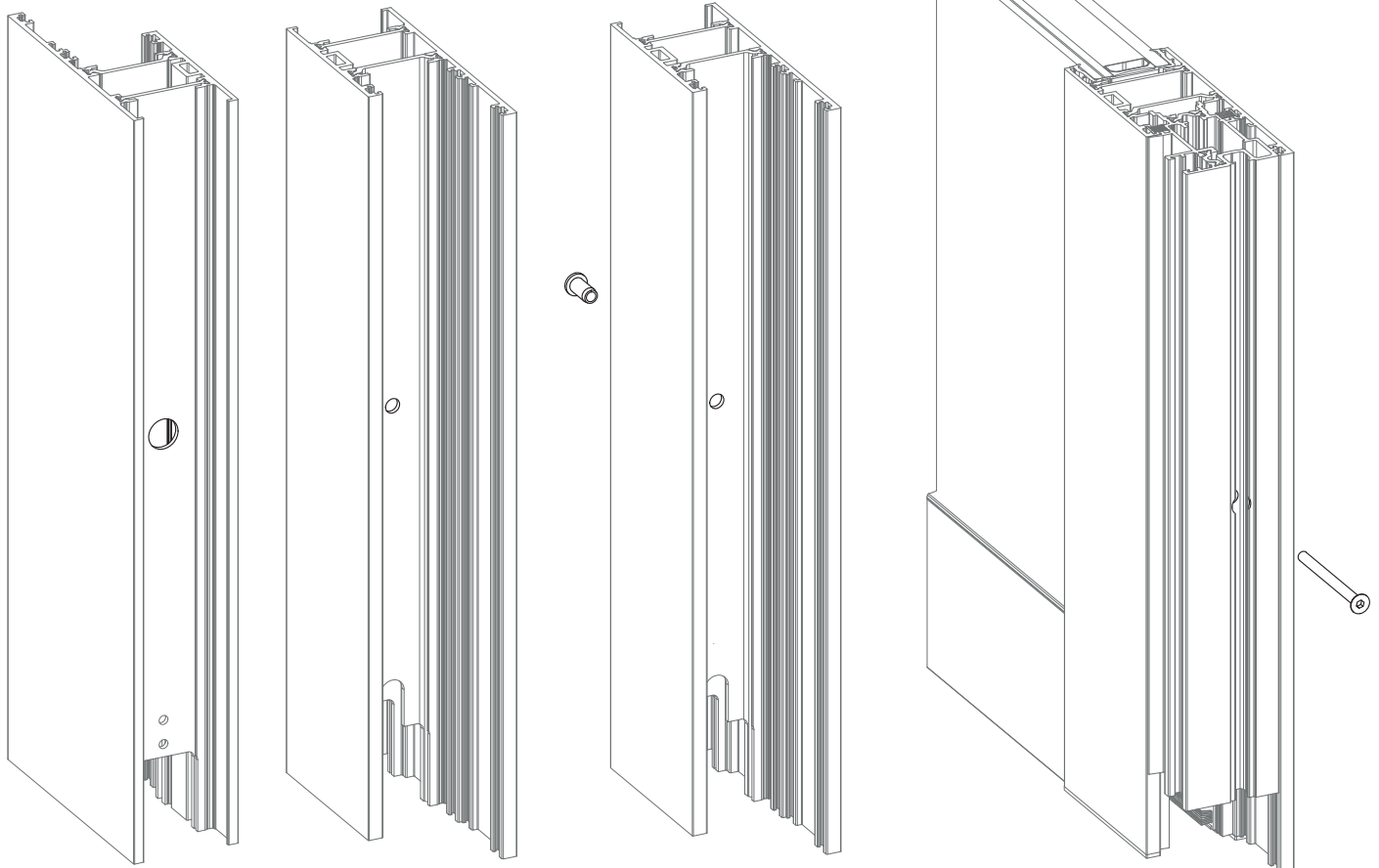
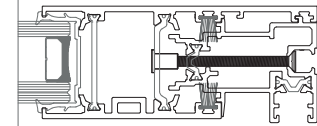
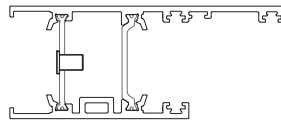
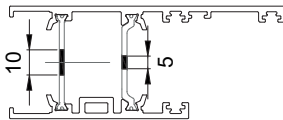
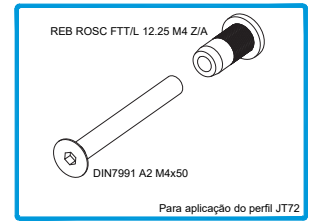
JT62 and JT72 fixation.

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.**

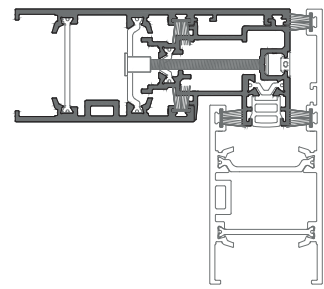
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

6.2 - Colocar os calços para contra-fecho antes de se pôr a folha no vão.

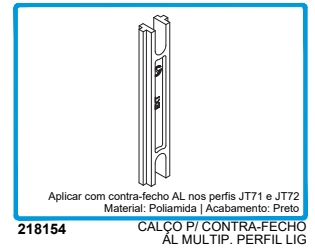
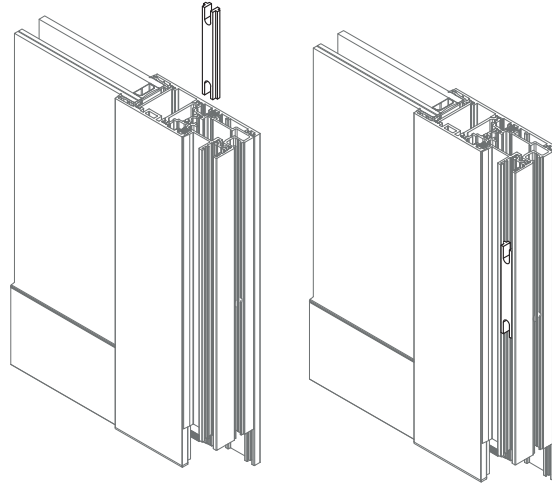
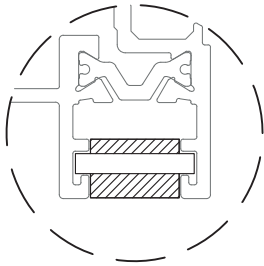
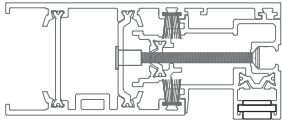
Place the locking plate shims before placing the sash in the frame.

Placer les cales pour la contre-fermeture avant de placer la ventail dans le cadre.

FOLHA | SASH | VENTAIL A



FOLHA
SASH
VENTAIL
B

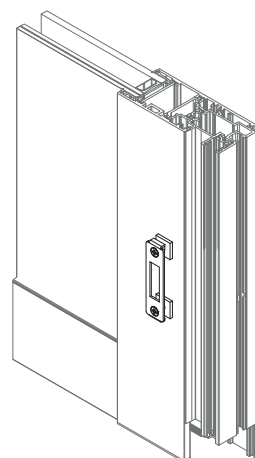
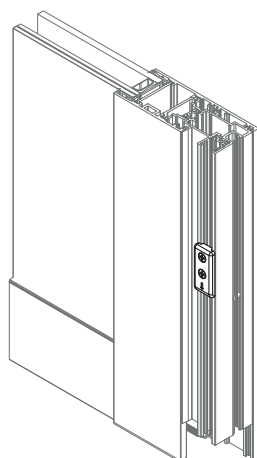
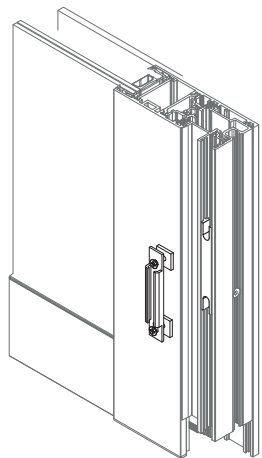
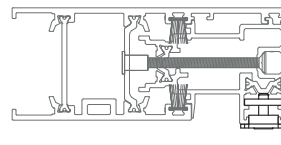
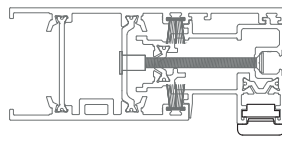
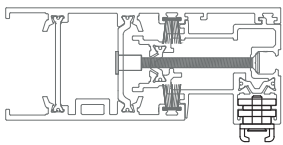


Este passo só se efetua quando se usa a ferragem multiponto SOS.
This step is only performed when using SOS multipoint hardware.
Cette étape n'est effectuée que lors de l'utilisation de serrure multipoint SOS.

6.3- Colocar os contras-fechos na posição final.

Place the locking plates in its final position.

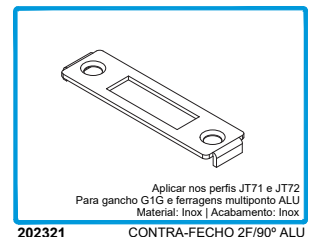
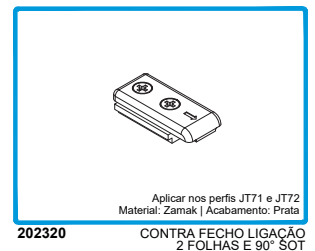
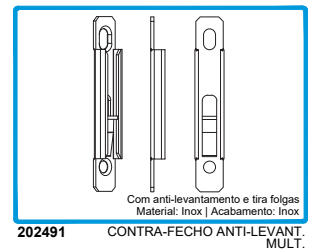
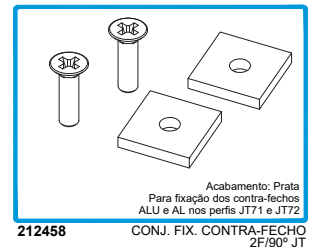
Placer les contre-fermeture en position finale.



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.**

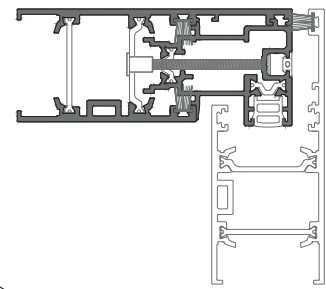
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

6.4 - Colocar a folha no vão.

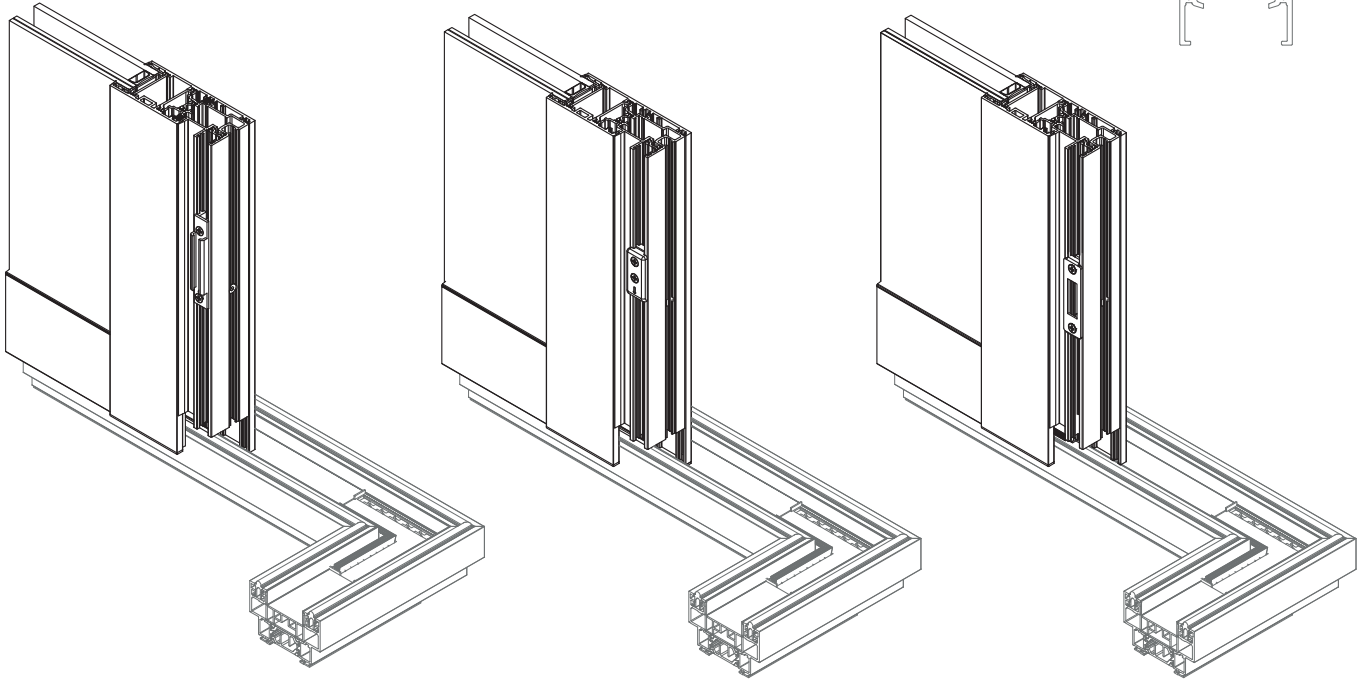
Place the sash in the frame.

Placer la ventail dans le cadre.

FOLHA | SASH | VENTAIL A



FOLHA
SASH
VENTAIL
B



FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
SOS

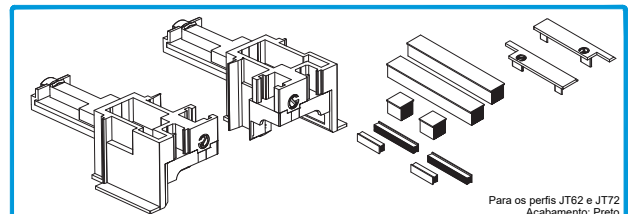
FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
SOT

FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
ALU

6.5 - Colocar o conjunto topos canto 90° JT.

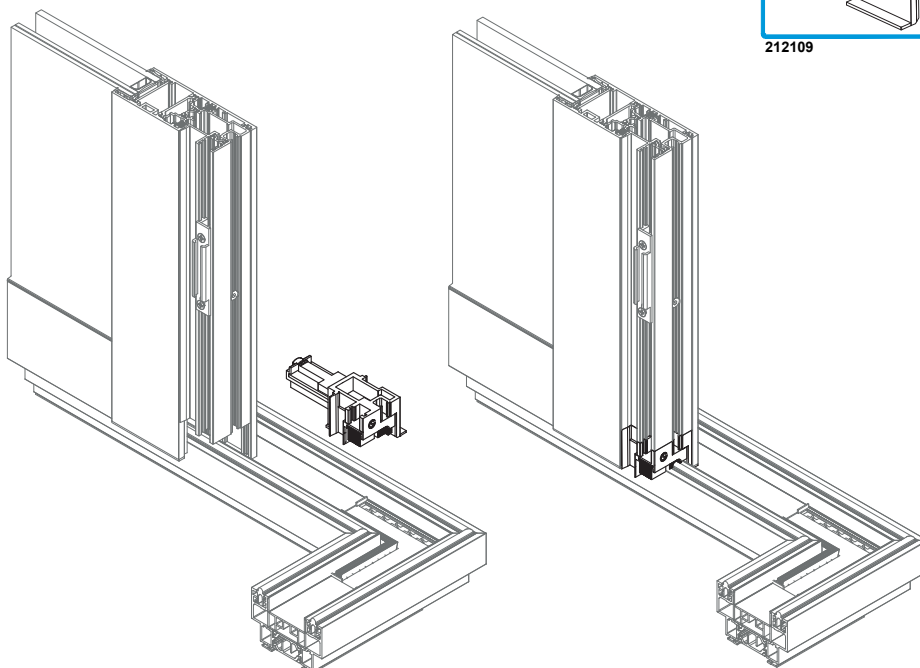
Place the 90° corner end-caps kit.

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.**

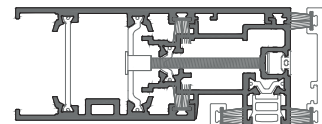
Assemblage d'une typologie d'angle à 90° - **VENTAIL A.**

6.6 - Colocar a junta tapa canal perfil lig. 2117 JT.

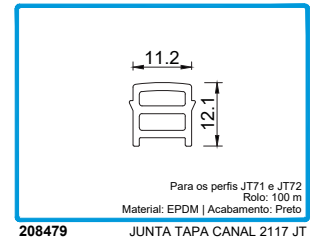
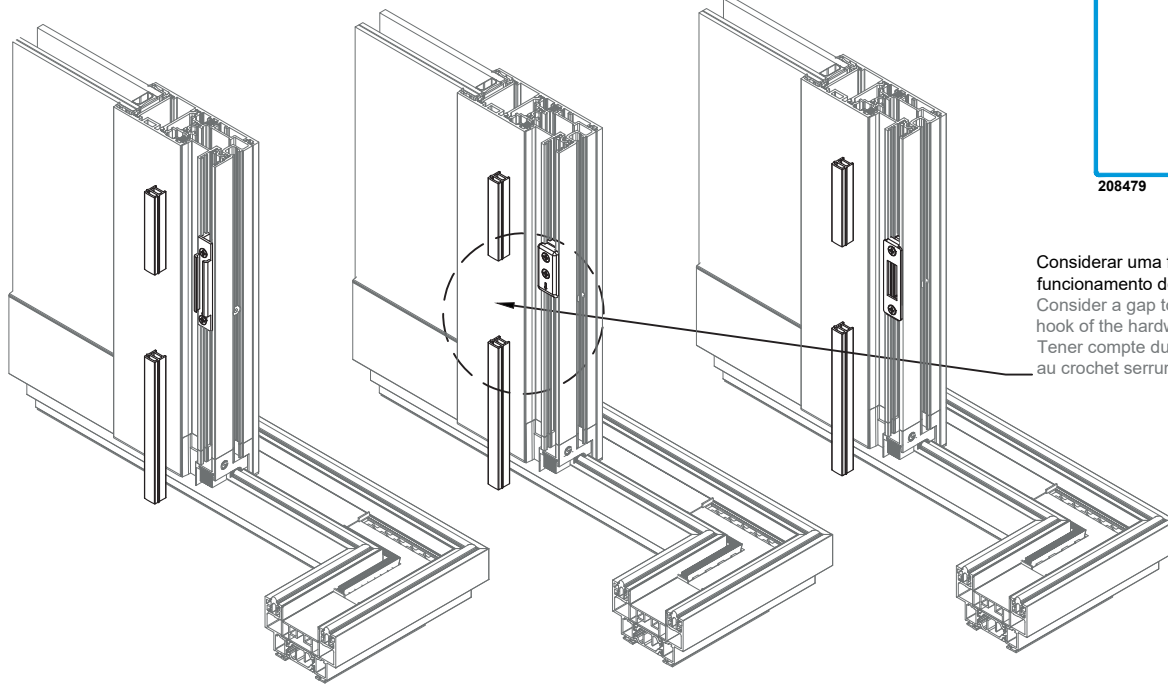
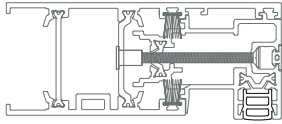
Place the 2117 channel cover joint.

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 MULTIPONT
SOS

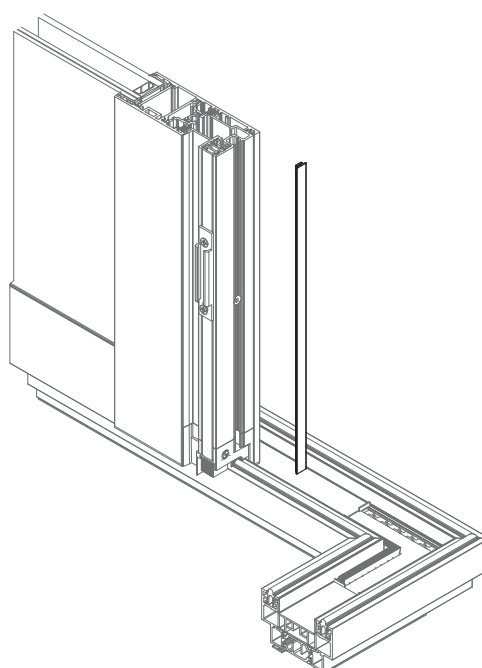
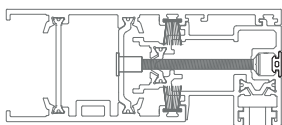
FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPONT
SOT

FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPONT
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.**

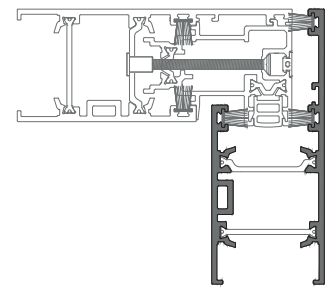
Assemblage d'une typologie d'angle à 90° - **VENTAIL B.**

7.1 - Colar os topos que sobraram do Conjunto de topos canto 90° JT.

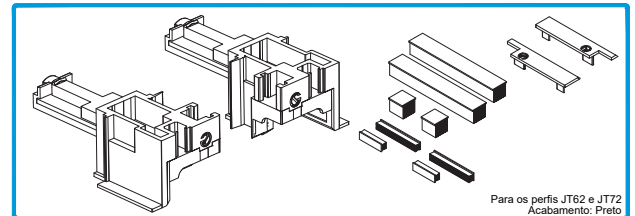
Paste the remaining end-caps from the 90° corner end-caps kit.

Coller les embouts restants du kit d'embouts pour angle 90° JT.

FOLHA | SASH | VENTAIL A

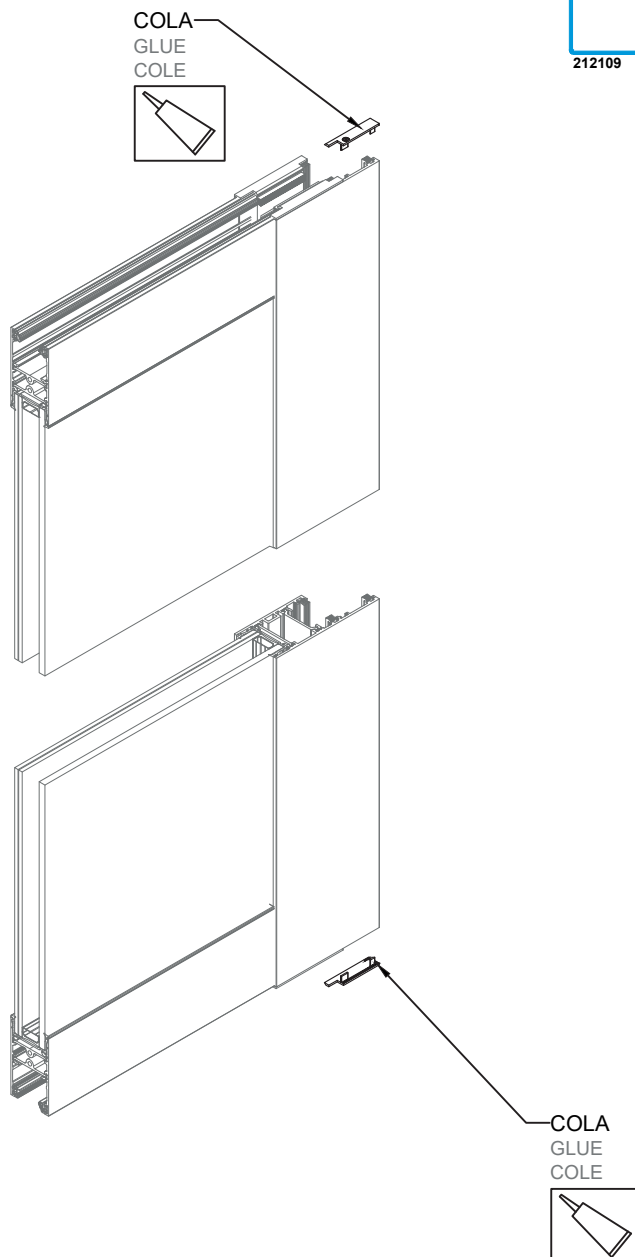


FOLHA
SASH
VENTAIL
B



212109

Para os perfis JT62 e JT72
Acabamento: Preto
CONJ. TOPOS CANTO 90° JT



MONTAGEM DOS PERFIS ARO MÓVEL

MOBILE FRAME PROFILES ASSEMBLY

ASSEMBLAGE DES PROFILÉS OUVRANT

8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.

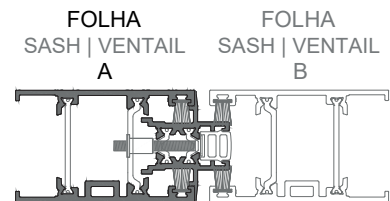
Assembly of 2 sashes connection typology - **A SASH**.

Assemblage d'une typologie de liaison centrale 2 ventaux - **VENTAIL A**.

8.1 - Fixação dos perfis JT61 e JT71.

JT61 and JT71 fixation.

Fixation des profilés JT61 et JT71.



IMPORTANT | 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.

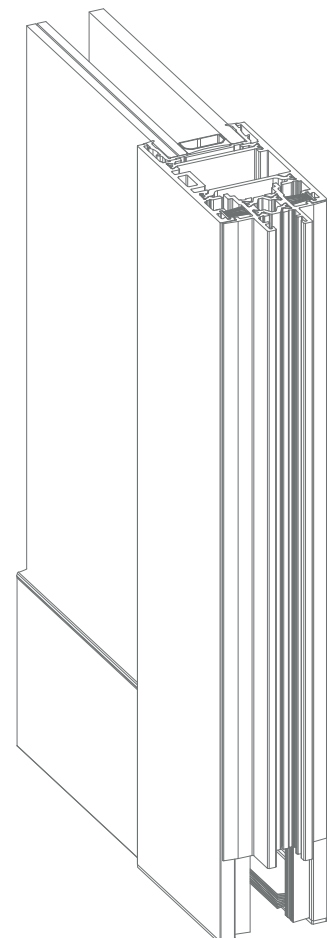
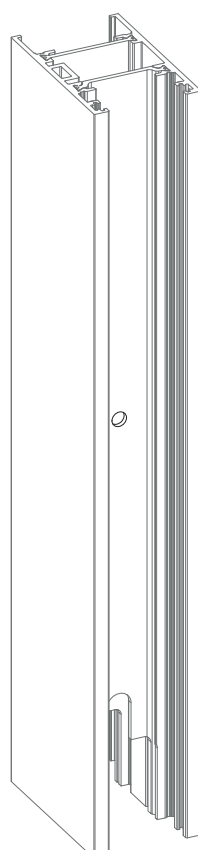
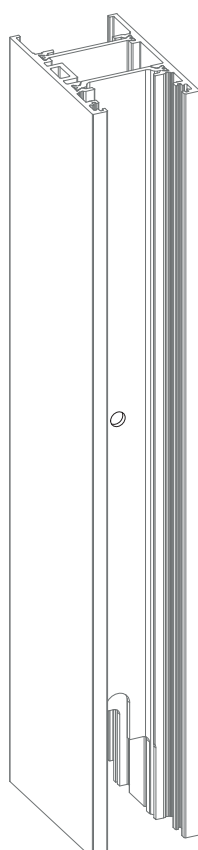
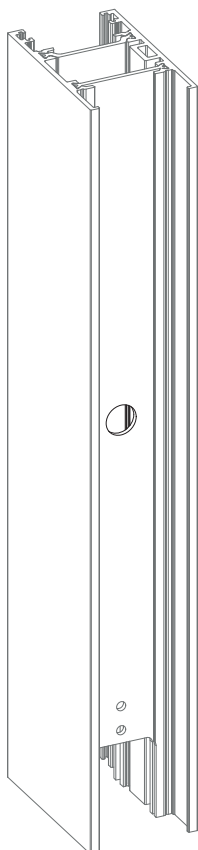
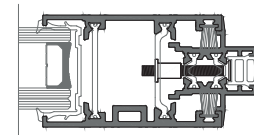
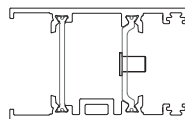
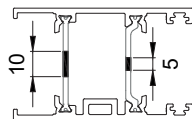
Placer les rivets avant de fermer les cadres de la cadre ouvrant.

Utiliser au moins 4 kit pour la fixation du profilé JT72.



212017

Para aplicação do perfil JT71
CONJUNTO FIXAÇÃO
FERRAGEM MÚLT.



MONTAGEM DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.

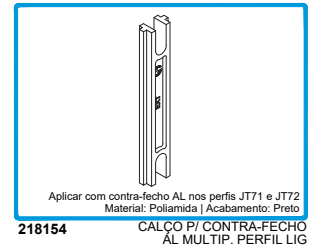
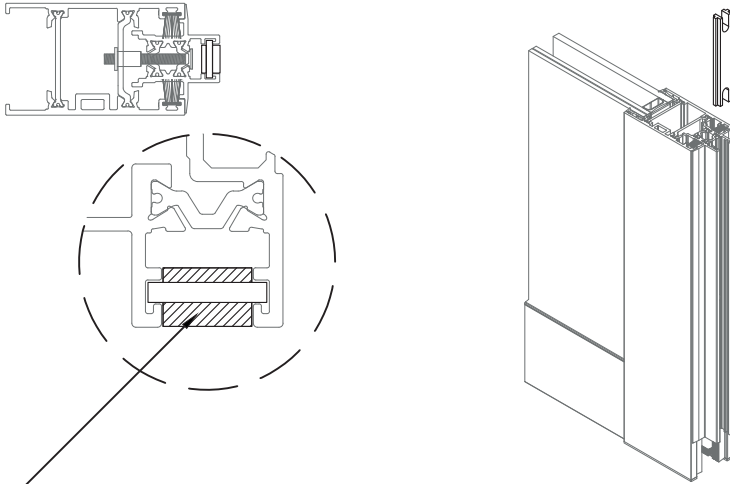
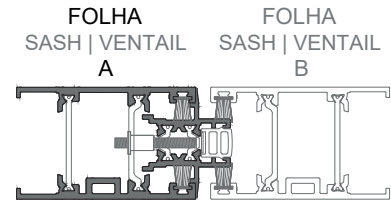
Assembly of 2 sashes connection typology - **A SASH.**

Assemblage d'une typologie de liaison centrale 2 vantaux - **VENTAIL A.**

8.2 - 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)

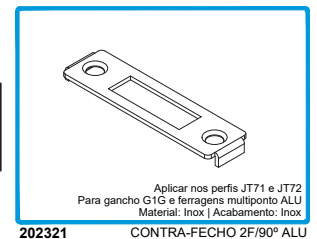
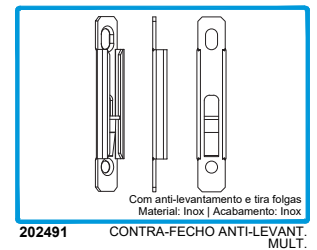
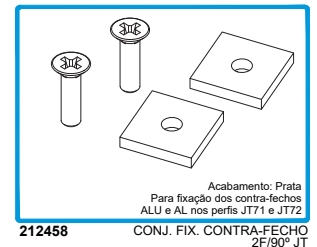
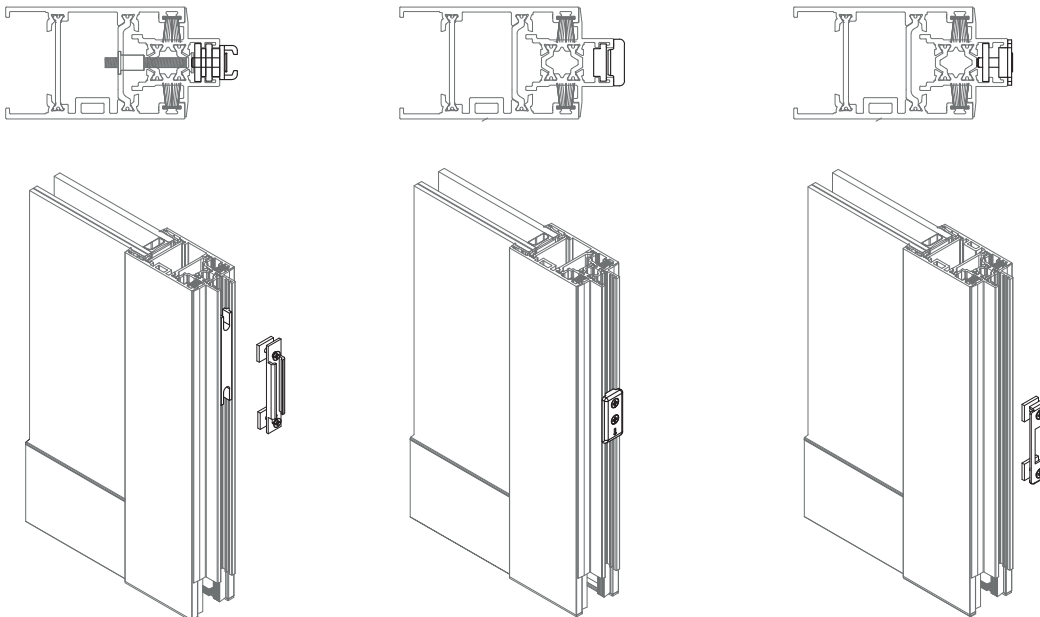
CALE NON SYMÉTRIQUE

(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

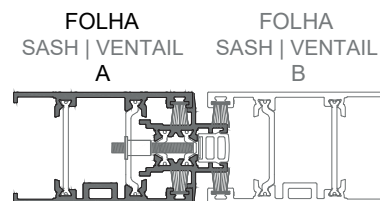
FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
ALU

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.**

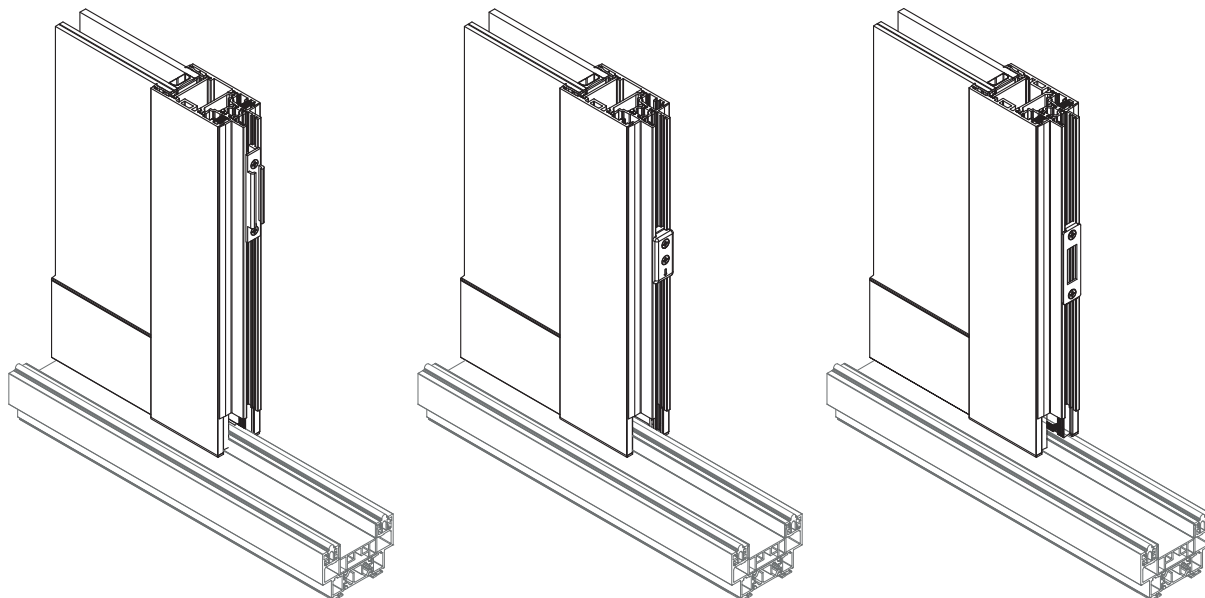
Assemblage d'une typologie de liaison centrale 2 vantaux - **VENTAIL A.**



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

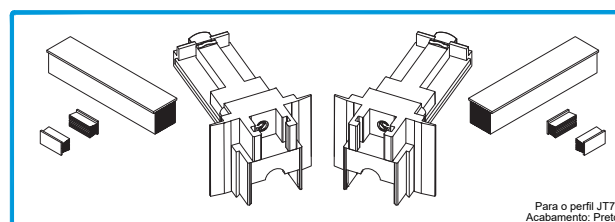
FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPONTO
SOT

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.

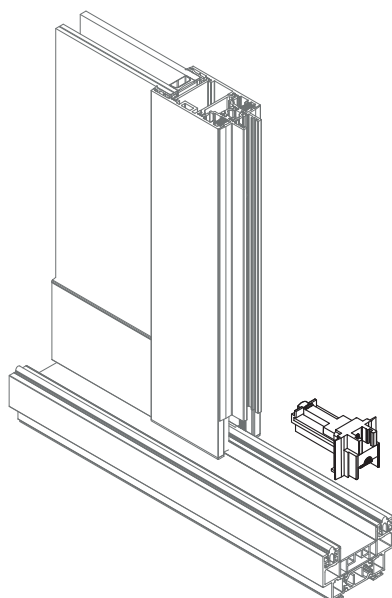
Placer le kit d'embouts de connexion 2 vantaux JT.



212104

CONJ. TOPOS LIGAÇÃO 2 FOLHAS JT

Para o perfil JT71
Acabamento: Preto

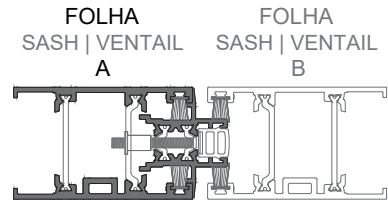


MONTAGEM DOS PERFIS ARO MÓVEL
MOBILE FRAME PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS OUVRANT

8 - Montagem de tipologia de ligação 2 folhas - FOLHA A.

Assembly of 2 sashes connection typology - **A SASH.**

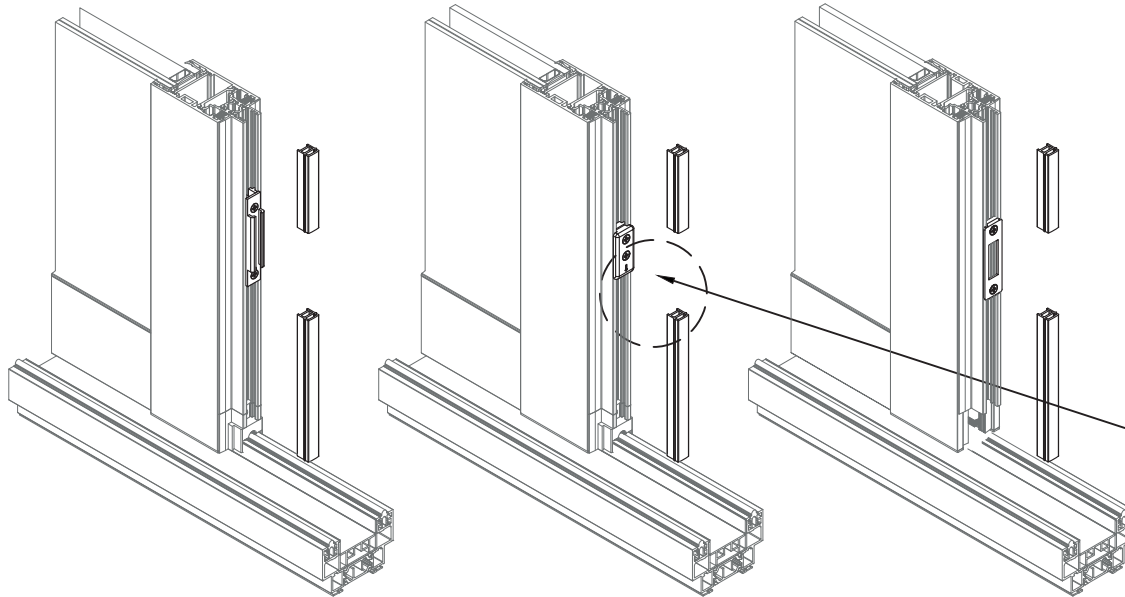
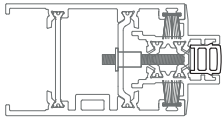
Assemblage d'une typologie de liaison centrale 2 ventaux - **VENTAIL A.**



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

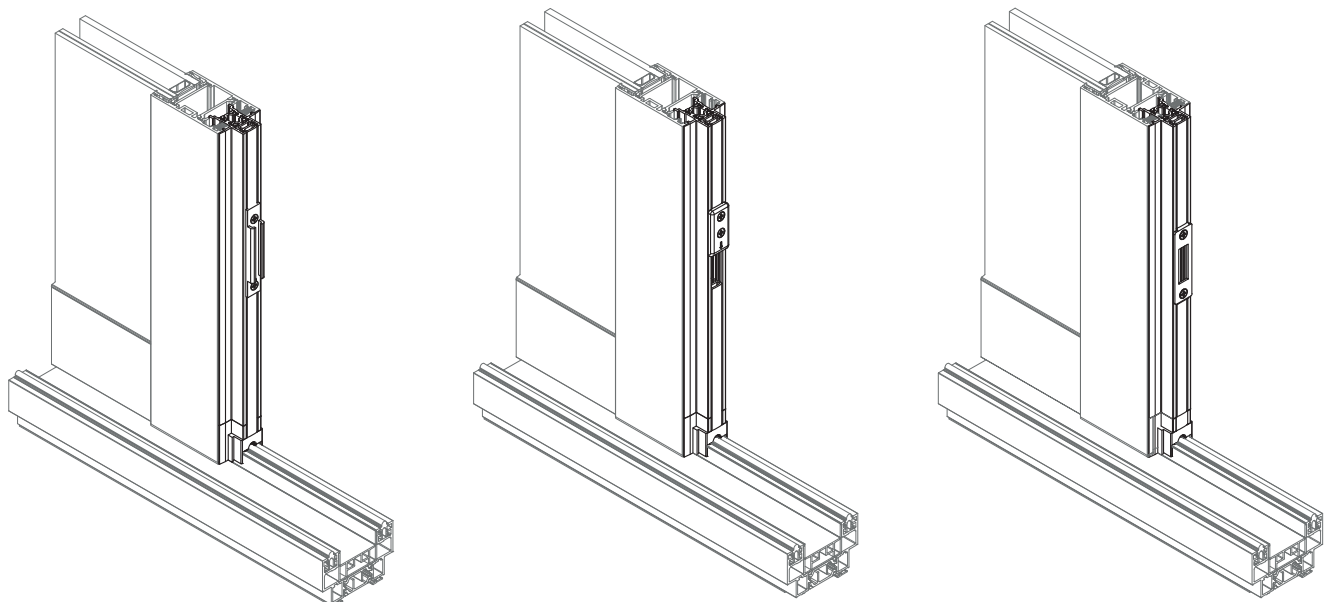
FERRAGEM MULTIPONTO
MULTIPOINT HARDWARE
SERRURE MULTIPOINT
SOT

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.

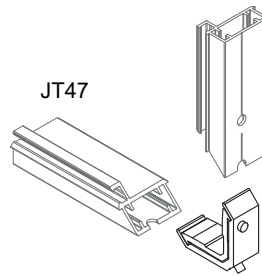
Assemblage de cadre moustiquaire.

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.

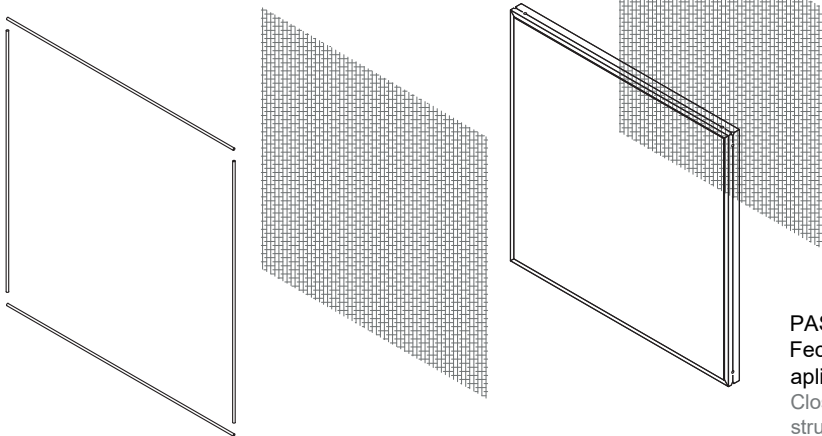


PASSO | STEP | ÉTAPE 2:

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.



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.

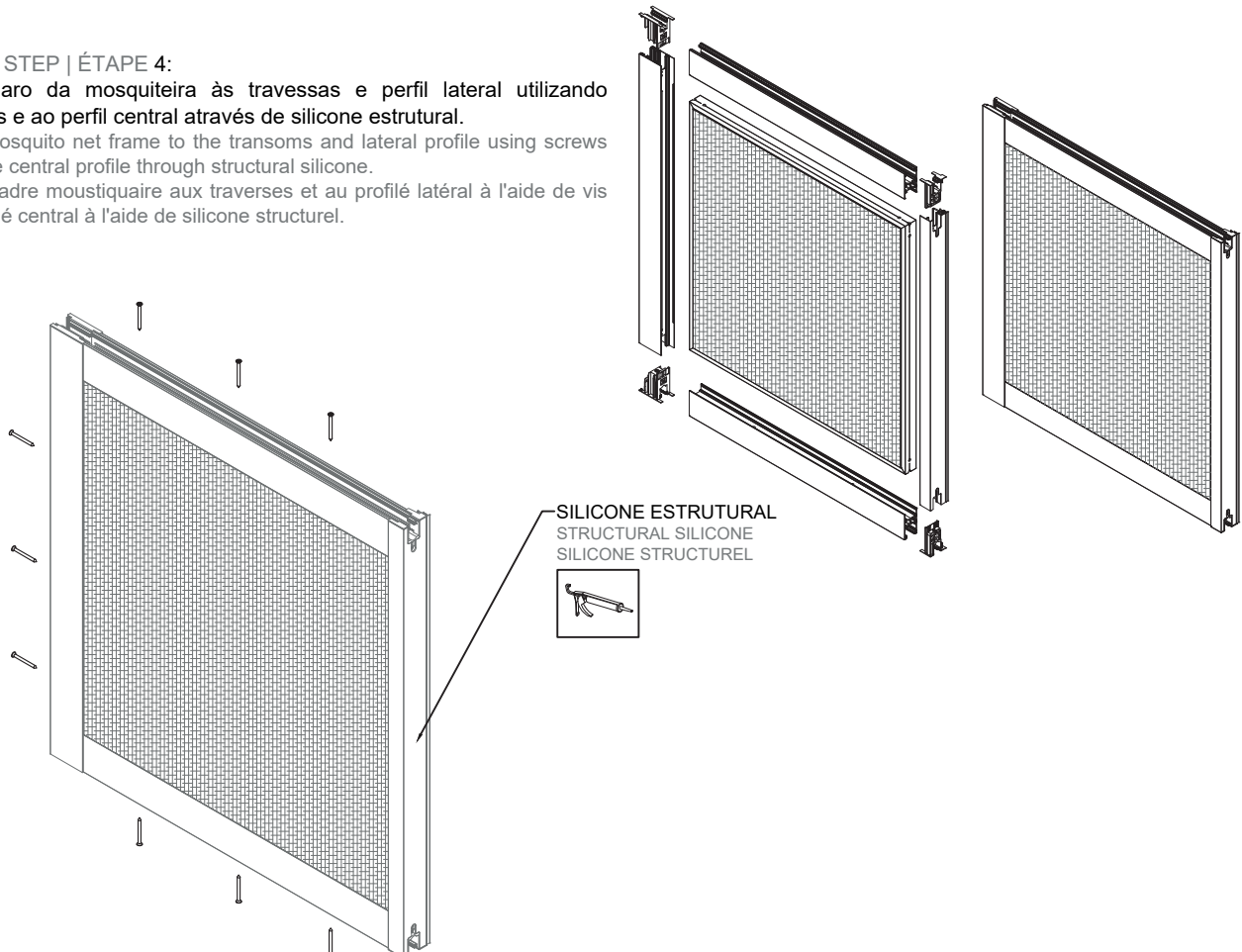
Fermer le cadre ouvrant autour de le cadre mostiquaire, en appliquant du silicone structurel dans la zone centrale du profilé.

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

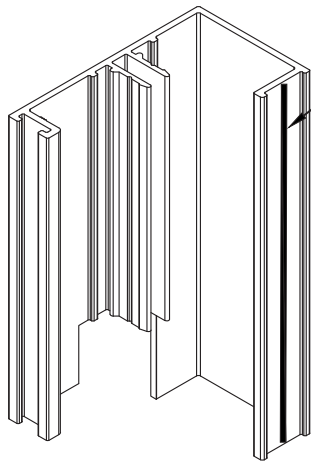


MONTAGEM DE PERFIS DE CAPA
COVER PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS DE COUVERTURE

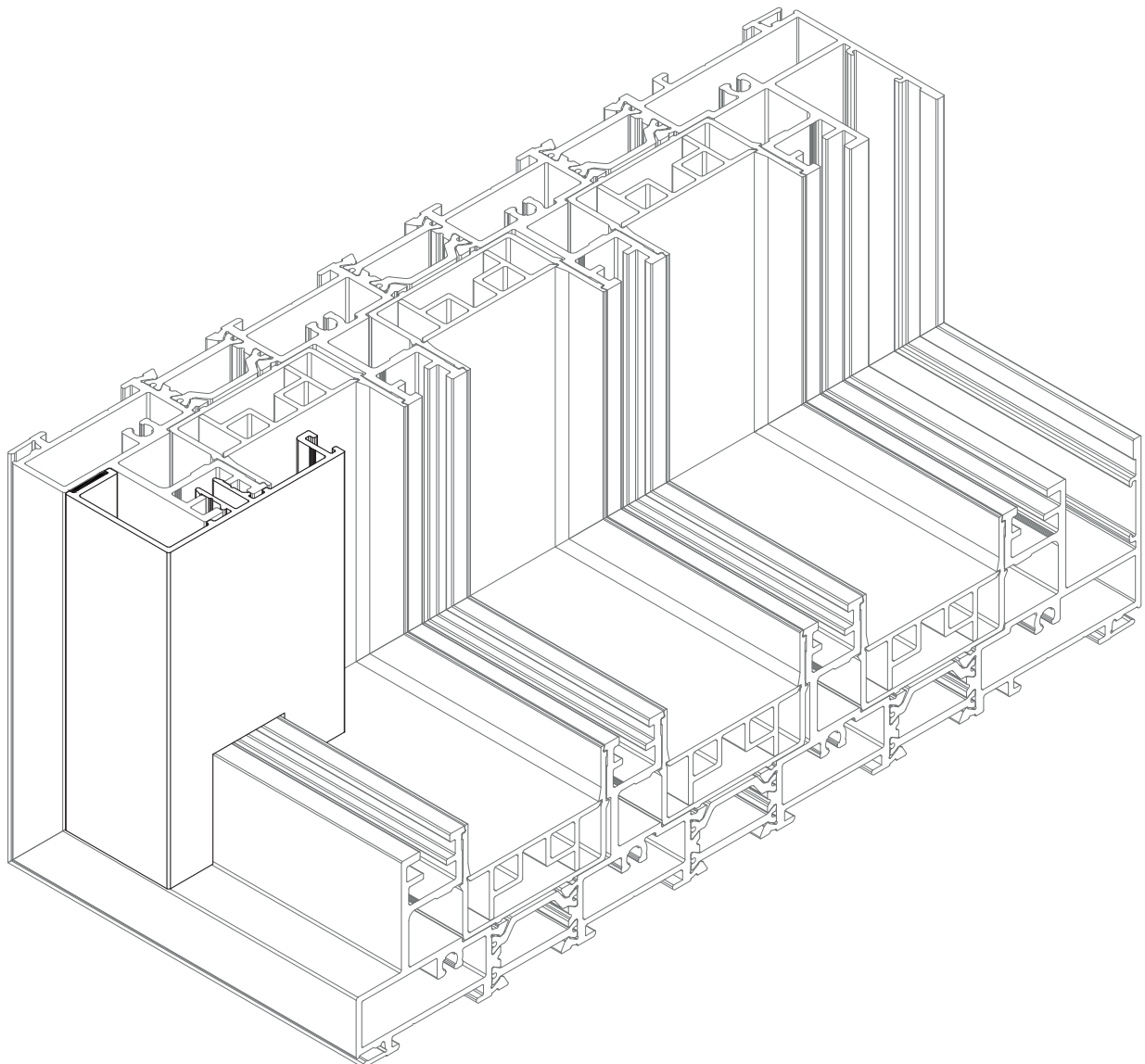
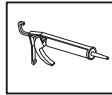
1 - Aplicação de silicone no perfil JT 92

Silicone application on JT 92 profile

Application du silicone sur le profilé JT 92



SILICONE NEUTRO
NEUTRAL SILICONE
SILICONE NEUTRE



VII

DETALHES DE LIGAÇÃO
CONNECTION DETAILS | DÉTAILS DE CONNEXION

DETALHES DE LIGAÇÃO

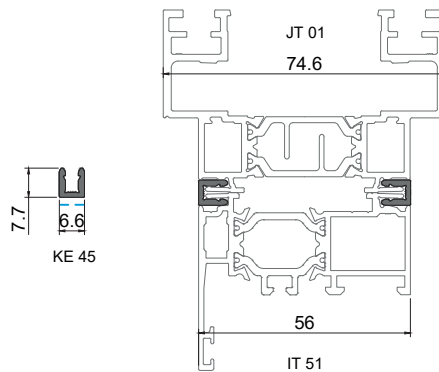
CONNECTION DETAILS

DÉTAILS DE CONNEXION

1 - Ligação do sistema de correr JT ao sistema de batente IT, aplicando perfis KE 45.

Connection of the JT sliding system to the IT opening system, applying KE 45 profiles.

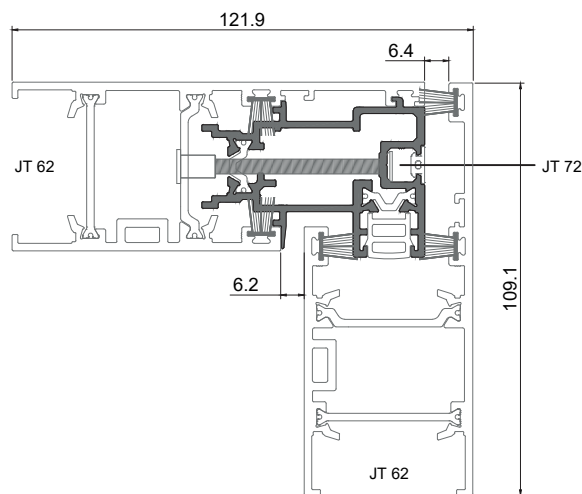
Connexion du système coulissant JT au système de battant IT, en appliquant les profilés KE 45.



2 - Ligação do 2 folhas em canto 90°, aplicando o perfil JT72

2 Sashes connection in a 90° corner, applying JT72 profile

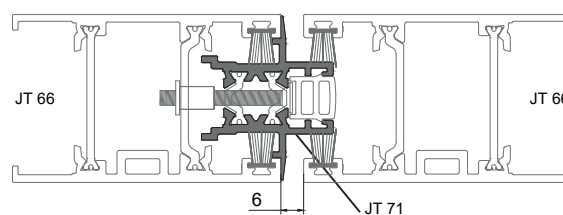
Connexion de 2 vantaux dans un coin à 90°, en appliquant le profilé JT72



3 - Ligação de 2 folhas no mesmo rail, aplicando o perfil JT71

2 Sashes connection in the same rail, applying JT71 profile

Connexion de 2 vantaux sur le même rail, en appliquant le profilé JT71



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ALFA SUL
EN Lisboa-Sintra Km 14
2725-937 Mem Martins
T +351 219 265 090 | F +351 219 265 098
E alfa.sul@sosoares.pt

ALULIDER
Pavilhão Industrial H - Plataforma 13D
Zona Franca Industrial
9200-047 Caniçal - Madeira
T +351 291 960 494 | F +351 291 960 497
E alulider@sosoares.pt

PORTALEX
Estrada de S. Marcos, 23
2735-521 Cacém
T +351 210 412 500 | F +351 210 412 507
E comercial@portalex.eu

SOSOARES
Rua do Campo Alegre, 474
4150-170 Porto
T +351 226 096 709 | F +351 226 005 642
E comercial@sosoares.pt

www.sosoares.pt
www.portalex.eu