



sistema perimetral reto com corte térmico

straight perimetral system with thermal break

système périmétral droit avec rupture de pont thermique





Características do Sistema

System features

Caractéristiques du système



Este sistema é a resposta para uma arquitetura mais arrojada que não prescinde da volumetria para vencer vãos de grandes dimensões. Consiste num sistema de correr com rutura térmica melhorada (aro fixo: poliamidas 24mm / aro móvel: poliamidas 16mm), desenvolvido de forma a permitir a sua aplicação não só na nova construção como também na renovação de edifícios.

This system is the answer to a more daring architecture that does not obviate the volumetry to overcome large openings. It consists of a sliding system with improved thermal break (fixed frame: 24mm polyamide / mobile frame: 16mm polyamide), developed to allow its application not only in new construction as well as in building renovation.

Ce système est la réponse à une architecture plus audacieuse qui ne dispense pas de la volumétrie à surmonter de grandes portées. Il se compose d'un système coulissant avec rupture de pont thermique amélioré (cadre fixe: polyamide 24mm / châssis mobile: polyamide 16mm), développé pour permettre son application non seulement dans la construction nouvelle mais aussi à la rénovation des bâtiments.

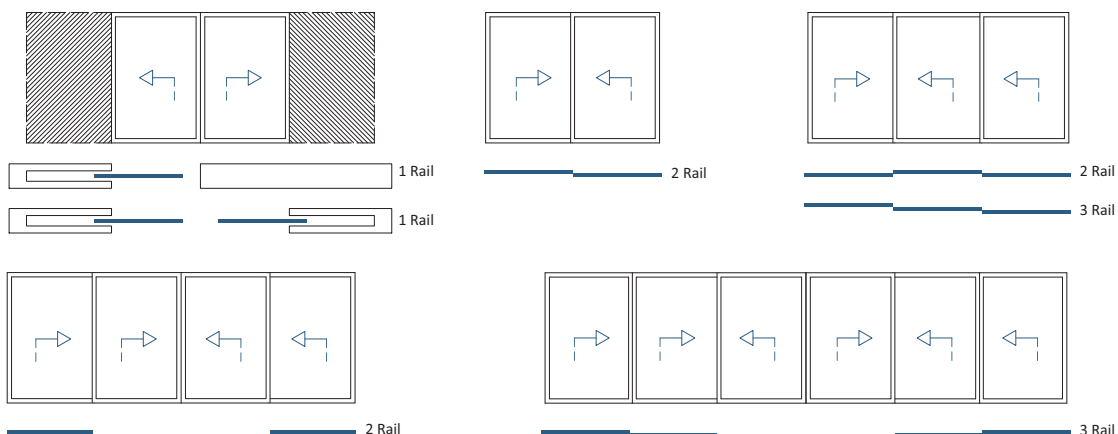
Apresentação:	Reta	
Presentation	Straight	
Présentation	Droite	
Dimensões:	Aros Fixos:	1-rail: 81 mm
Dimensions	Fixed frames	2-rail: 106 mm 114mm 121mm
Dimension	Cadres dormants	3-rail: 175mm 182mm
		4-rail: 236mm
	Aro Móvel:	45mm
	Mobile frame	
	Cadre ouvrant	
Enchimento:	De 24 a 35mm	
Filling	From 24 to 35mm	
Remplissage	De 24 à 35mm	
Cortes:	45° 90°	
Cuts		
Coupes		
Vedação:	Junta em EPDM Pelúcias STOP FIN	
Insulation	EPDM joints STOP FIN plush	
Étanchéité	Joint en EPDM Joints brosse STOP FIN	
Poliamida:	24mm (Aro fixo) 16 mm (Aro móvel)	
Polyamide	24mm (Fixed frame) 16mm (Mobile frame)	
Barretes	24mm (Cadre dormant) 16mm (Cadre ouvrant)	
Ferragens:	Sistema Elevador Multiponto (Vedação perimetral em juntas de E.P.D.M.)	
Hardware	Sistema Multiponto de 300mm(1P), 600mm (2P), 1000mm (2P), 1600mm (4P)	
	Multipoint Lifting System (Perimetral sealant in E.P.D.M. gaskets)	
	Multipoint System 300mm(1P), 600mm (2P), 1000mm (2P), 1600mm (4P)	
Accessoires	Système Élévateur Multipoint (Joints périphériques d'étanchéité à E.P.D.M.)	
	Système Multipoint de 300mm(1P), 600mm (2P), 1000mm (2P), 1600mm (4P)	
Peso máximo:	200 Kg/folha (JE normal) 250Kg/folha (JE elevável)	
Maximum weight	200 Kg/leaf (JE normal) 250Kg/leaf (JE lifting)	
Poids maximale	200Kg/vantail (JE normal) 250Kg/vantail (JE élévatoire)	
Área máxima:	5,00m²/folha	
Maximum area	5,00m ² /leaf	
Aire maximale	5,00m ² /vantail	
Altura máxima:	2,80m/folha	
Maximum height	2,80m/leaf	
Hauteur maximale	2,80m/vantail	
Acabamentos:	Lacados Anodizados Bicolores	
Finishes	Powder coating Anodizing Bicolour	
Finitions	Laqué Anodisé Bicolore	



Licença nº. 1406 - SOSOARES
Licença nº. 1411 - ALFA SUL



Licença nº. 809 - SOSOARES



Desempenho do sistema

System performance

Performance du système

Ensaio Tests Essais	Permeabilidade ao AR AIR Permeability Perméabilité à l'AIR	Estanquidade à ÁGUA WATER Tightness Étanchéité à l'EAU	Resistência ao VENTO WIND Resistance Résistance au VENT
Janela 2 folhas com 1.475x1.225m 2 leaves window Fenêtre 2 vantaux Ensaio HIG336/09 - ITeCons	3	7A	C5
Janela 2 folhas com 3.50x2.50m 2 leaves window Fenêtre 2 vantaux Ensaio 01/12 - LNEC/LEC	4	6A	B2
Janela 2 folhas - 2.20x2.25m 2 leaves door-window Porte fenêtre 2 vantaux Ensaio CSTB BV18-0164	3	6B	C2
Janela 3 folhas - 3.30x2.25m 3 leaves door-window Porte fenêtre 3 vantaux Ensaio CSTB BV18-0163	Esforços de manobra Maneuvering efforts Efforts de manoeuvres Permeabilidade ao Ar AIR Permeability Perméabilité à l'AIR Estanquidade à ÁGUA Water Tightness Étanchéité à l'EAU Resistência a abertura/fecho repetidos Resistance to repeated open / close Résistance à l'ouverture/fermeture répétées		
Janela 2 folhas - 2.40x2.25m 2 leaves door-window Porte fenêtre 2 vantaux Ensaio CSTB BV18-0165	Esforços de manobra Maneuvering efforts Efforts de manoeuvres Estudo da variação do comportamento em relação à permeabilidade e deformações do ar Study of the variation of the behavior in relation to the air permeability and deformations Étude de la variation du comportement vis-à-vis de la perméabilité à l'air et des déformations		
Janela 2 folhas - 2.198x2.24m 2 leaves window Fenêtre 2 vantaux Ensaio CSTB BV18-0235	Esforços de manobra Maneuvering efforts Efforts de manoeuvres Teste de luz do sol Sunshine Bench Essais d'enseulement		

AVIS TECHNIQUE FAVORÁVEL | AVIS TECHNIQUE FAVOURABLE: | AVIS TECHNIQUE FAVORABLE: DTA 6/18-2371 V1 de 01-02-2018

Relatório Estudo Térmico nº CSTB BV18-0274

Thermal study report | Rapport D'étude Thermique

	Ug = W/(m² K)	Uw = W/(m² K)		
		Alumínio Aluminium Aluminium	NF EN ISO 10077-1	TGI
Aro fixo Fixed frame Dormant - JE 02 + JE 96 Aro móvel Mobile frame Ouvant - JE 57 Aro central Central frame Chicane - JE 57 + JE 14 + 208300				
Janela 2 folhas - 1,53m x 1,48m (LxH) 2 leaves window Fenêtre 2 vantaux				
	1,0	2,5	2,5	2,4
	1,1	2,6	2,6	2,5
Aro fixo Fixed frame Dormant - JE 02 + JE 96 Aro móvel Mobile frame Ouvant - JE 57 Aro central Central frame Chicane - JE 57 + JE 25 + JE 14 + 208300				
Janela 2 folhas - 1,53m x 1,48m (LxH) 2 leaves window Fenêtre 2 vantaux				
	1,0	2,6	2,6	2,5
	1,1	2,7	2,7	2,6
Aro fixo Fixed frame Dormant - JE 02 + JE 96 Aro móvel Mobile frame Ouvant - JE 57 Aro central Central frame Chicane - JE 57 + JE 25 + JE 14 + 208300				
Janela sacada 2 folhas - 2,35m x 2,18m (LxH) 2 leaves door-window Porte-fenêtre 2 vantaux				
	1,0	2,1	2,1	2,0
	1,1	2,2	2,2	2,1



4

Listagem de perfis

Profiles list

Liste des profils

13

Acessórios

Accessories

Accessoires

23

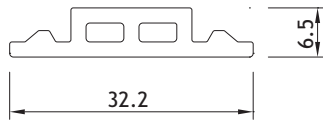
Pormenores de montagem

Assembly details

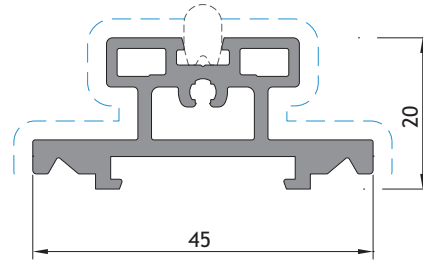
Détails d'assemblage



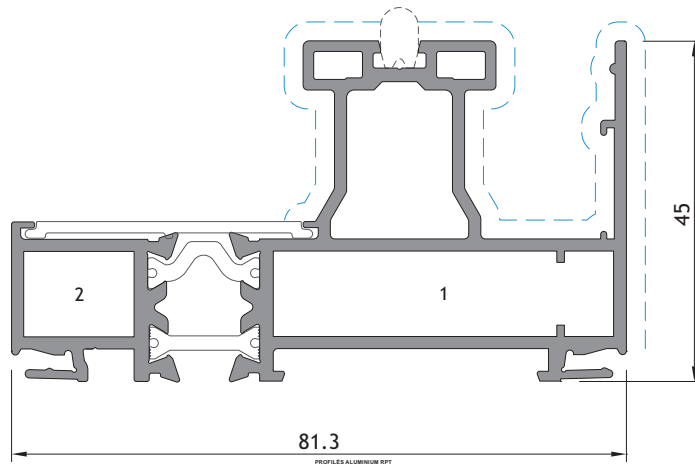
Listagem de perfis
 Profiles list
 Liste des profils



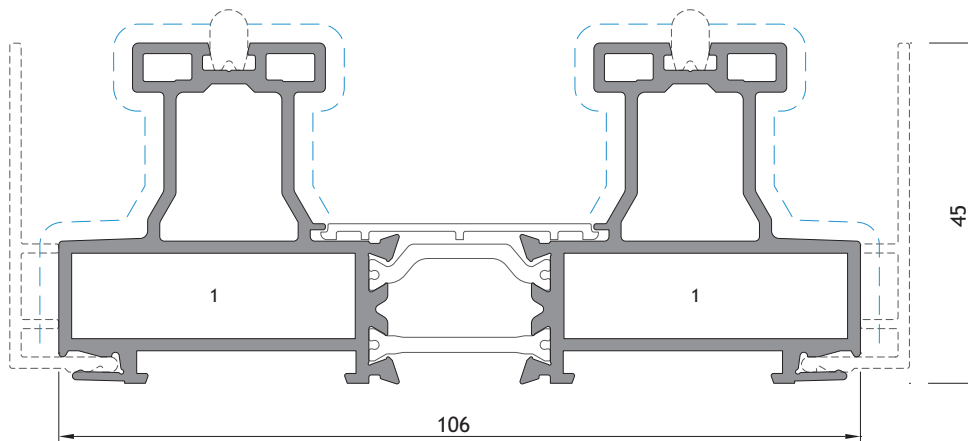
RT 010
 (EPDM 90 Shore)



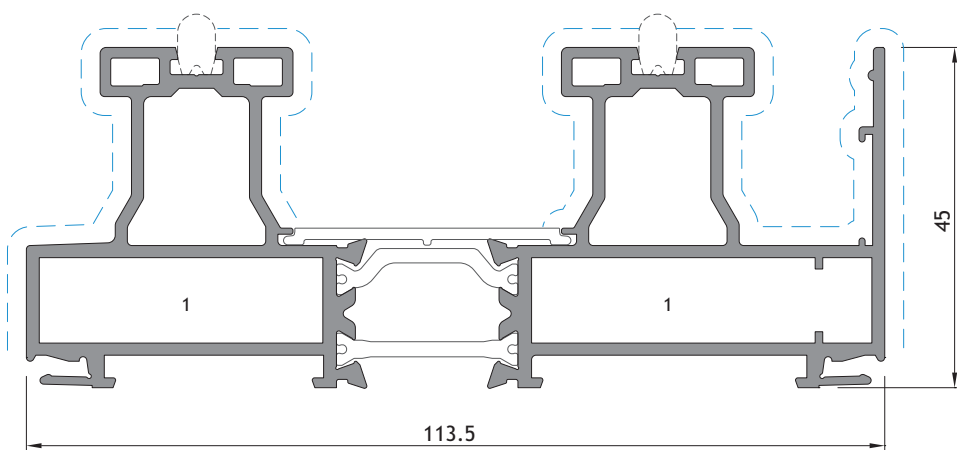
JE 42



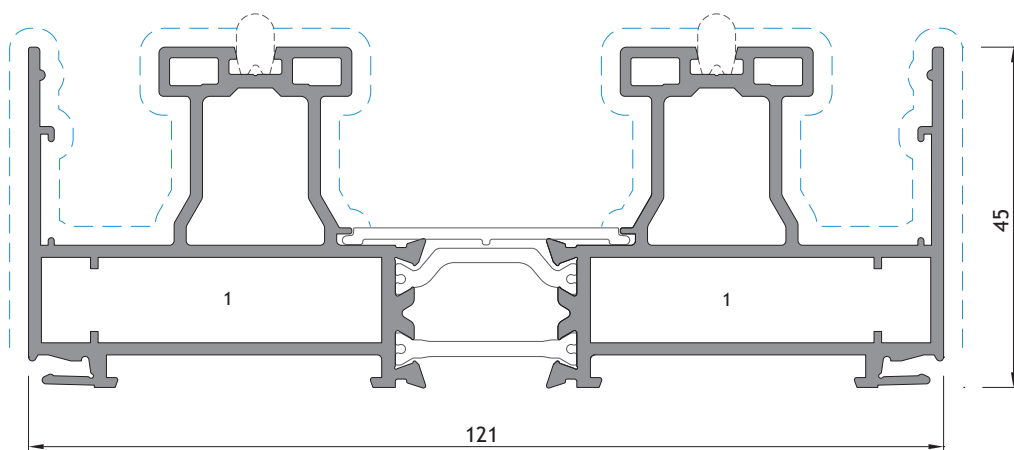
JE 64



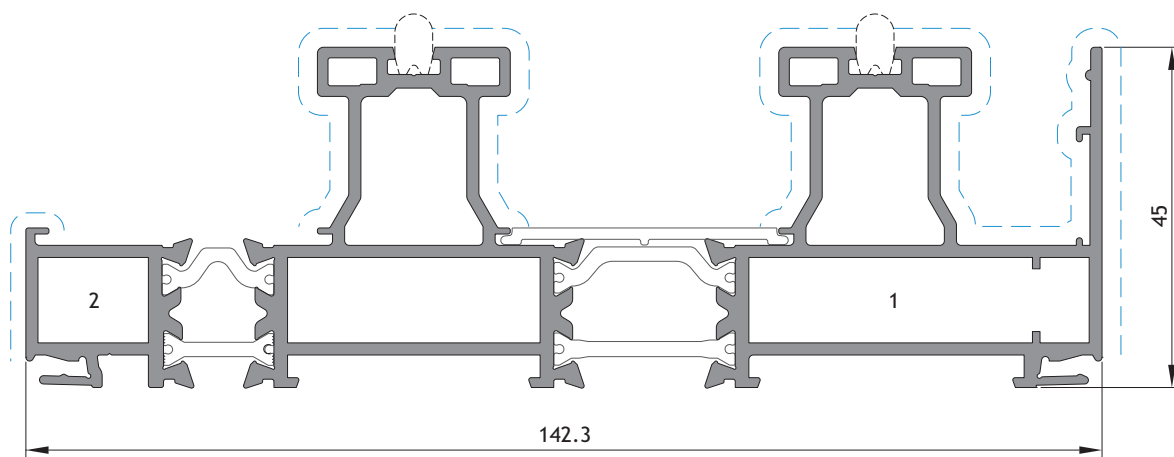
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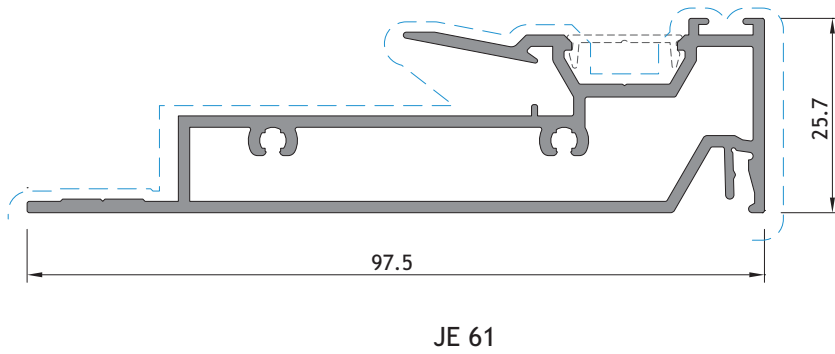
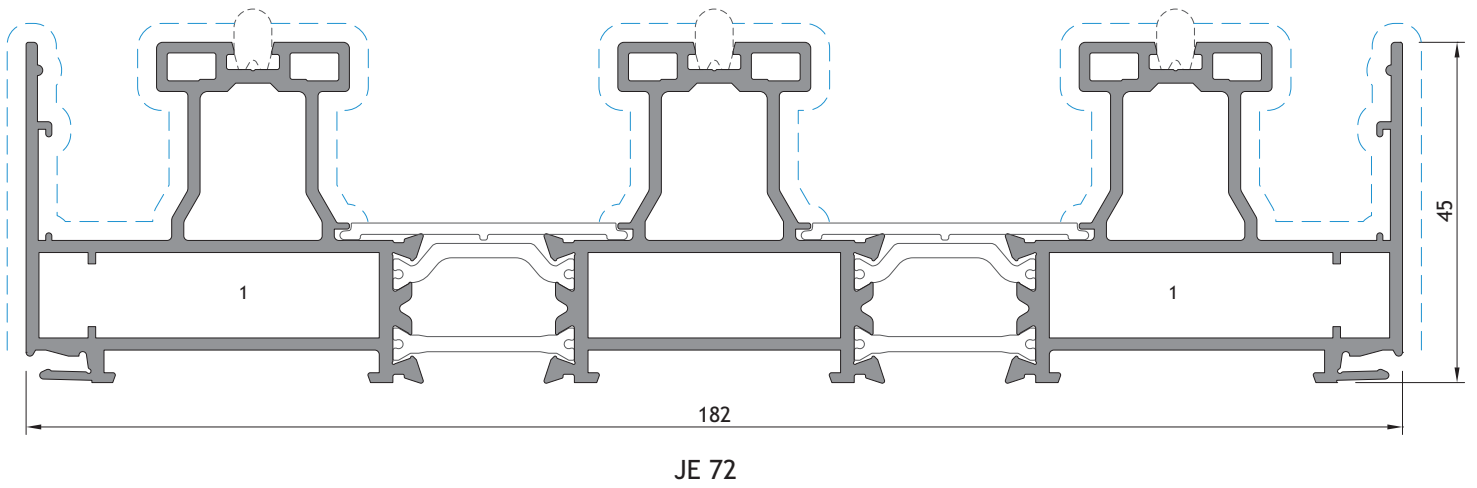
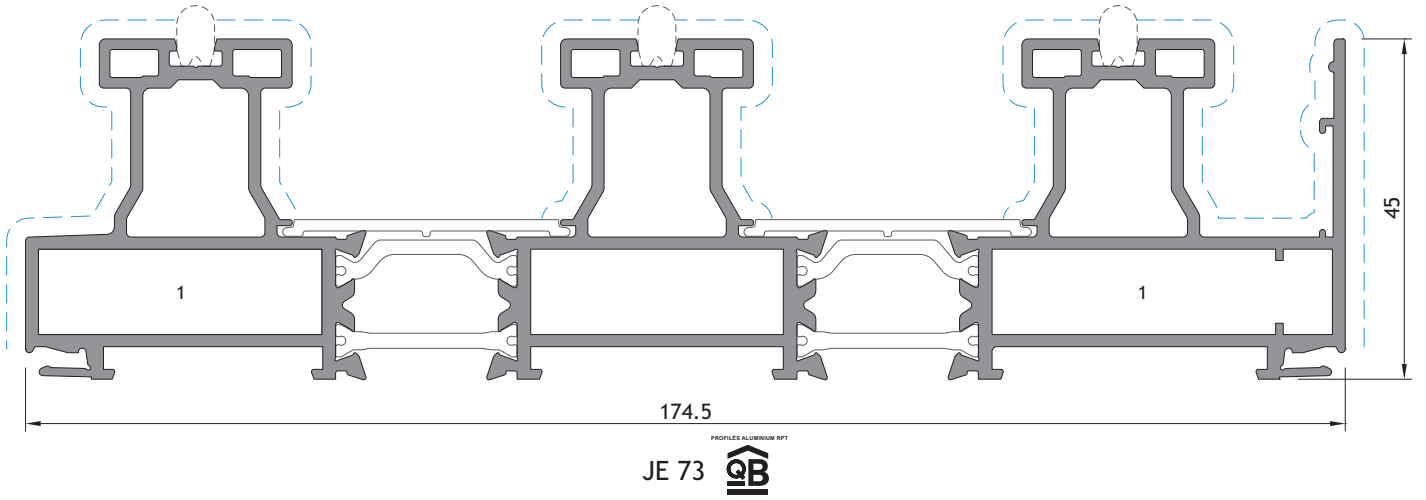
JE 02 PROFLEX ALUMINUM BPT

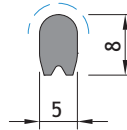
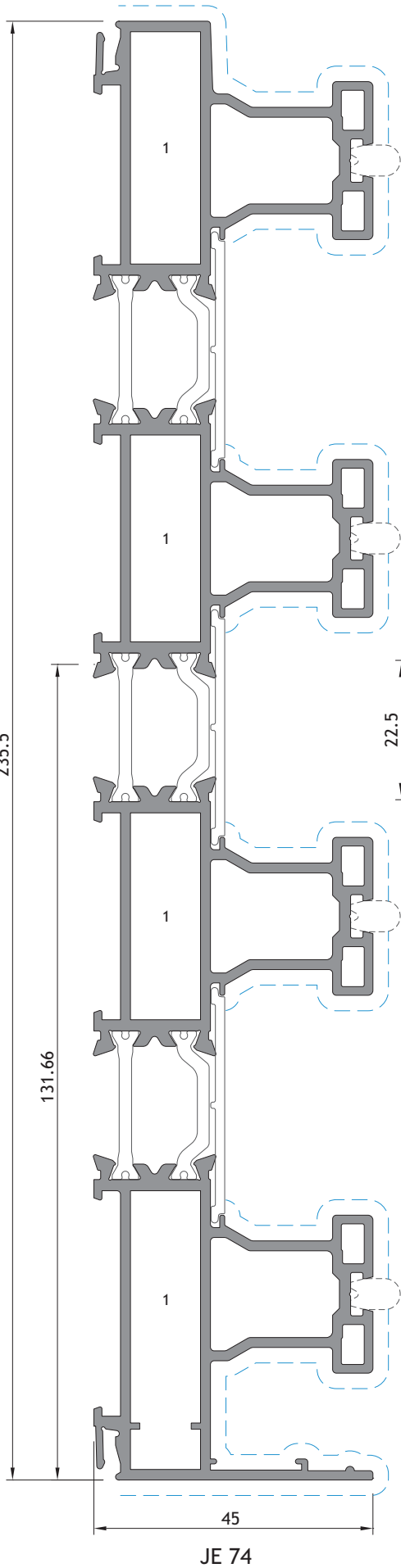


JE 05



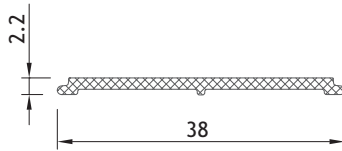
JE 75





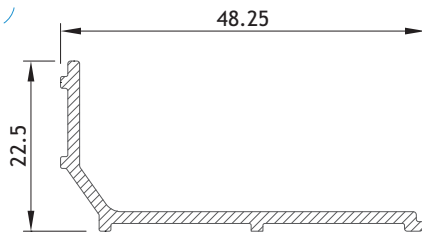
PE 91

PERFIL ACETINADO NATURAL ou PRETO
 PROFILE NATURAL SATIN FINISH or BLACK
 PROFIL SATINÉ NATUREL ou NOIR



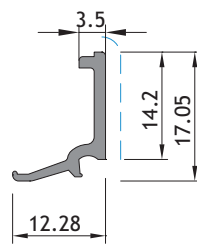
JE 96

PERFIL EM POLIAMIDA
 POLYAMIDE PROFILE
 PROFILÉ EN POLYAMIDE

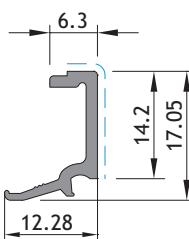


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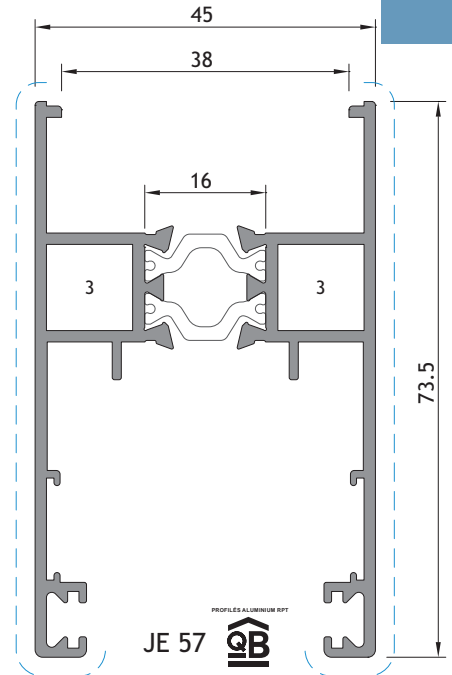
PERFIL EM PVC
 PVC PROFILE
 PROFILÉ EN PVC



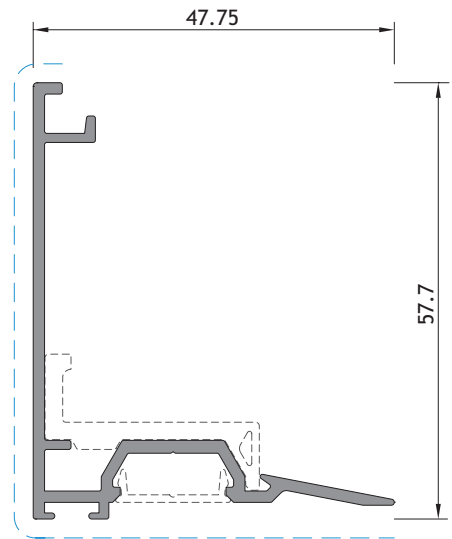
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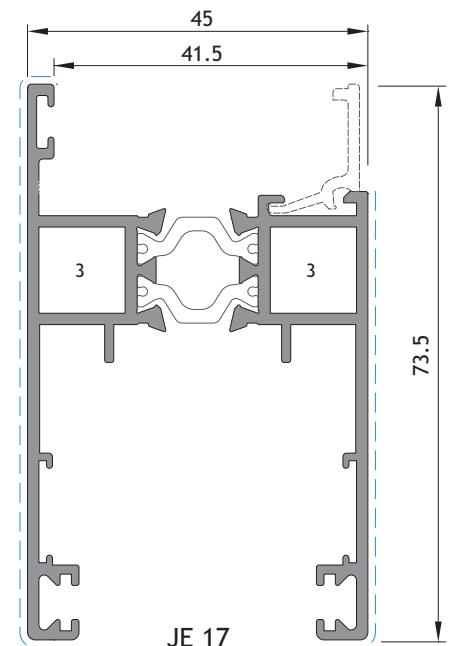
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JE 57

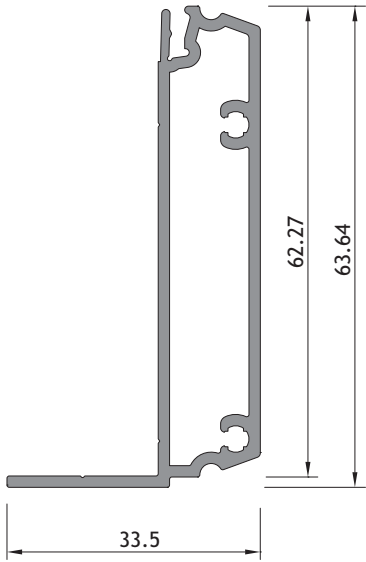


JE 14

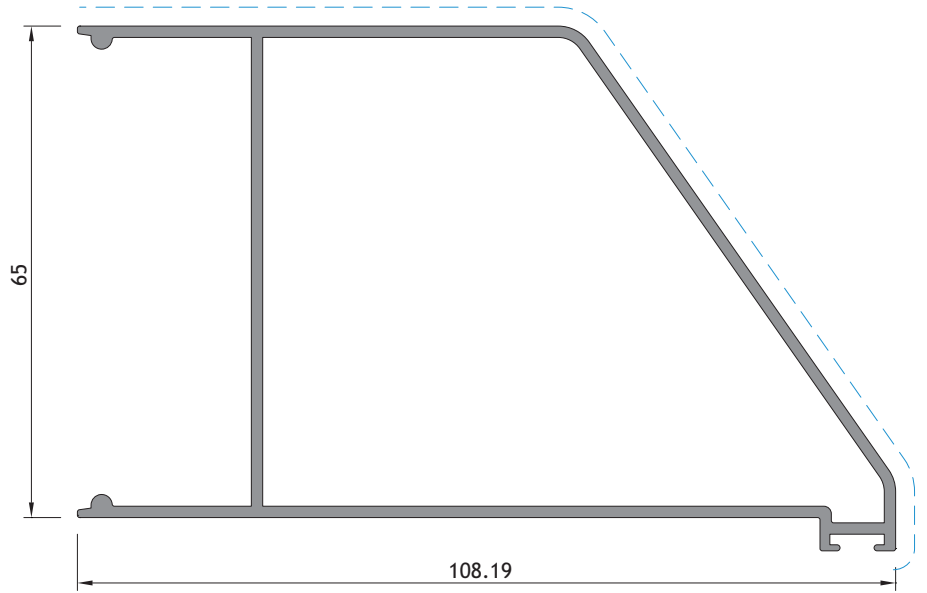


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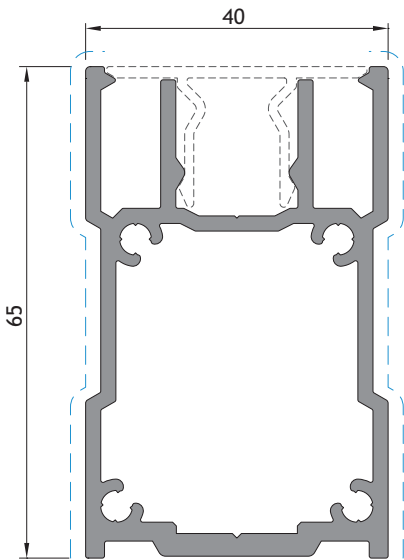




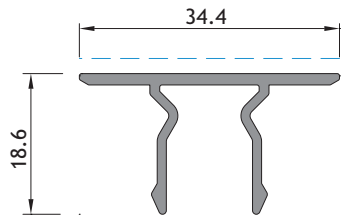
JE 62



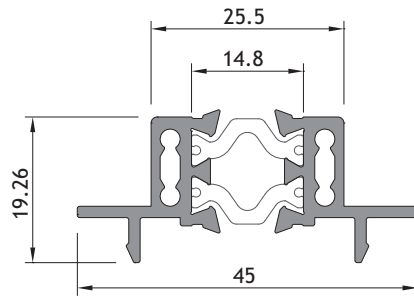
JE 63



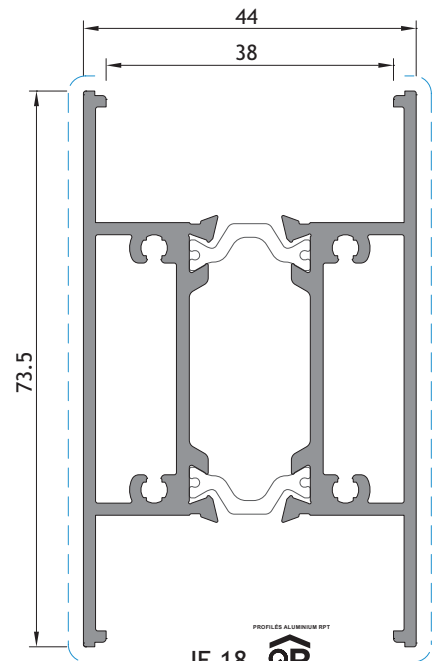
JE 25



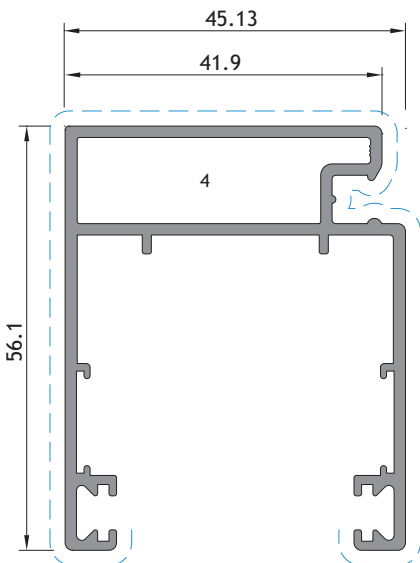
JE 26



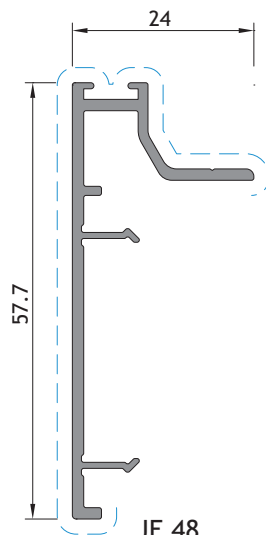
JE 27



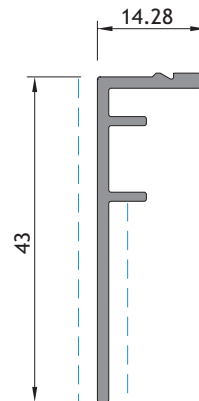
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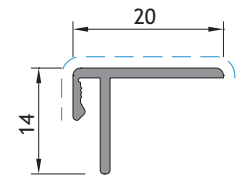
JE 47



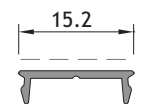
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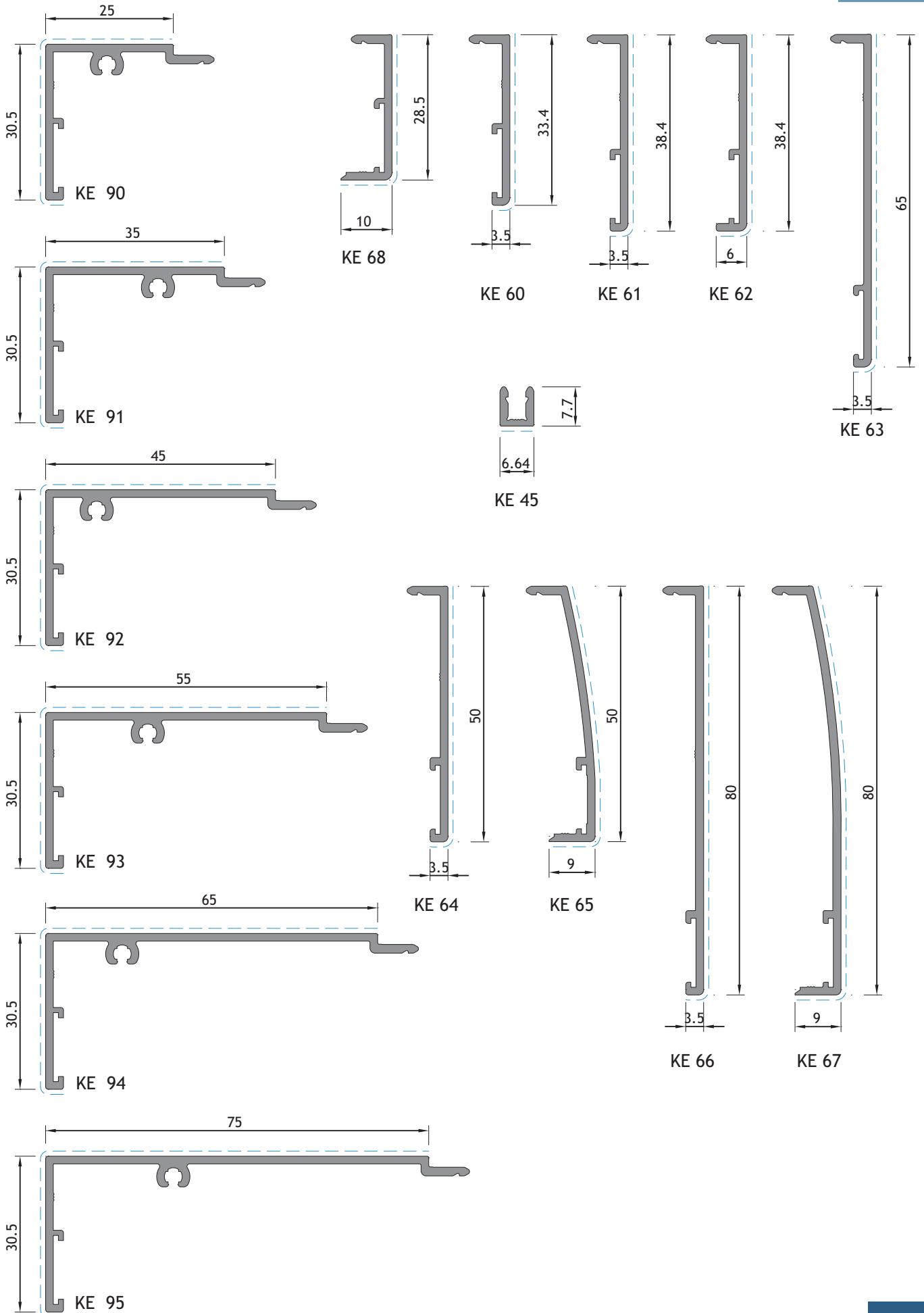
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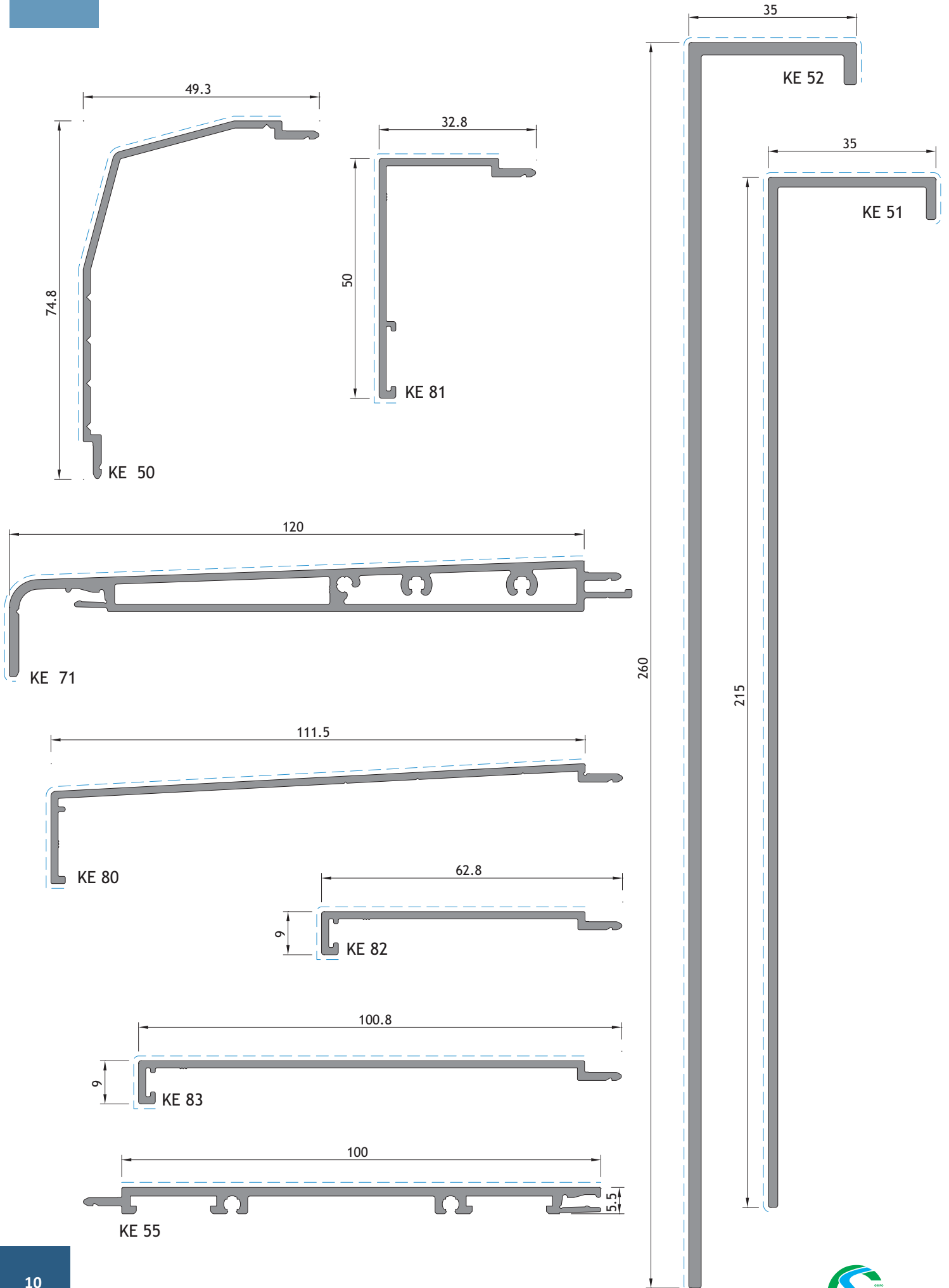


SP 81



AT 30







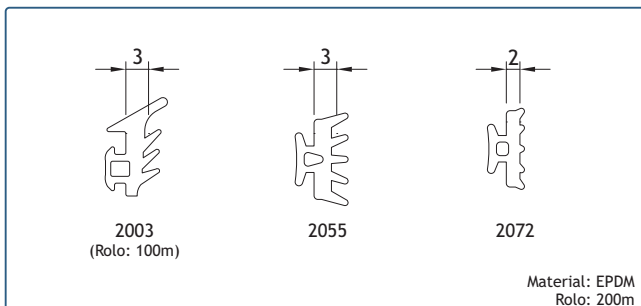
Acessórios

Accessories

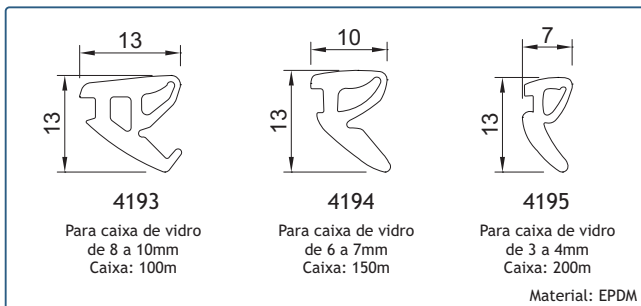
Accessoires



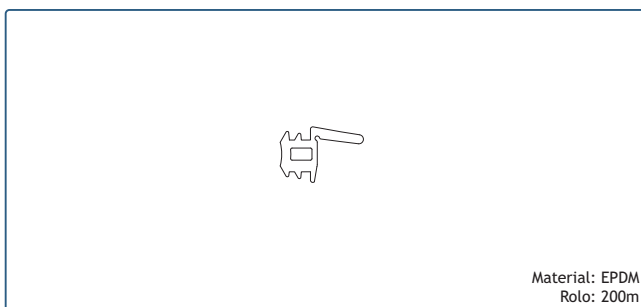




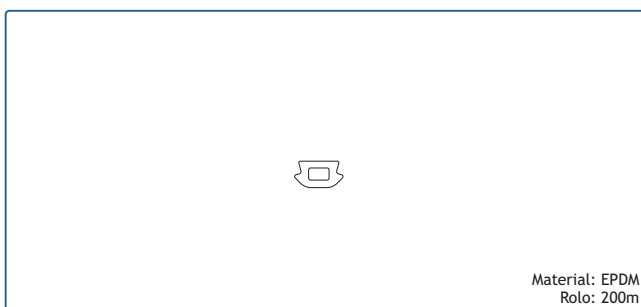
2003 (Rolo: 100m) 2055 2072
 Material: EPDM
 Rolo: 200m
 208350 JUNTA DE VEDAÇÃO EXTERIOR 2003
 208289 JUNTA DE BATENTE 2055
 208224 JUNTA VD 2072



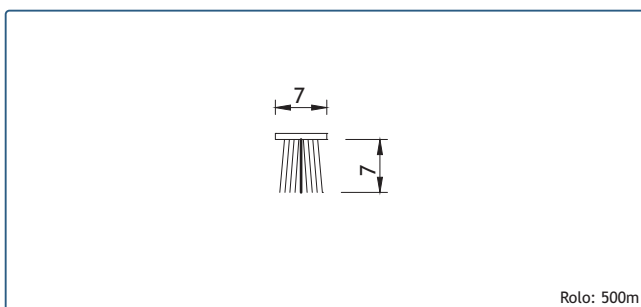
4193 4194 4195
 Para caixa de vidro de 8 a 10mm Caixa: 100m
 Para caixa de vidro de 6 a 7mm Caixa: 150m
 Para caixa de vidro de 3 a 4mm Caixa: 200m
 Material: EPDM
 208912 JUNTA DE CUNHA RECORTADA 4193
 208913 JUNTA DE CUNHA RECORTADA 4194
 208914 JUNTA DE CUNHA RECORTADA 4195



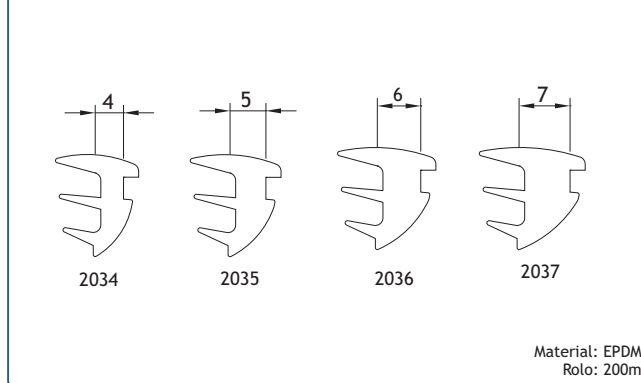
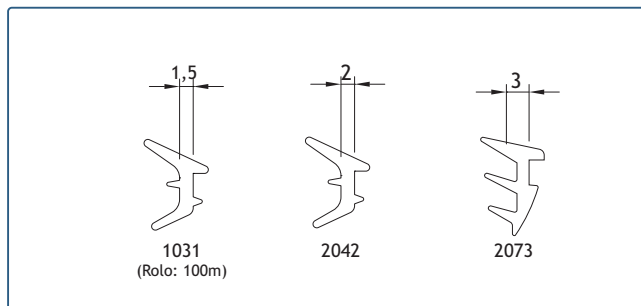
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 Rolo: 200m
 208298 JUNTA DE ESTANQUICIDADE 2065



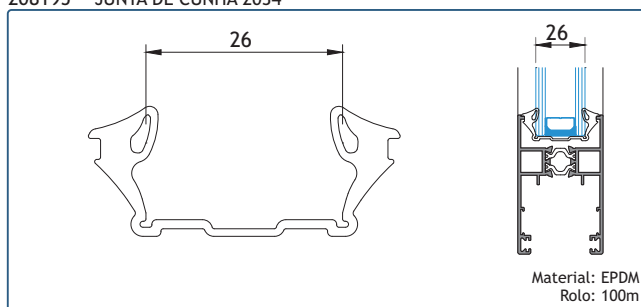
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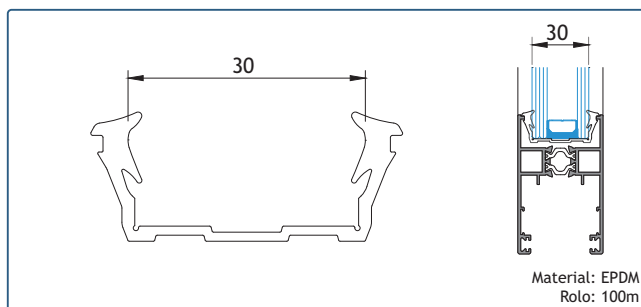
Rolo: 500m
 208460 JUNTA PELÚCIA 7x7 STOP-FIN



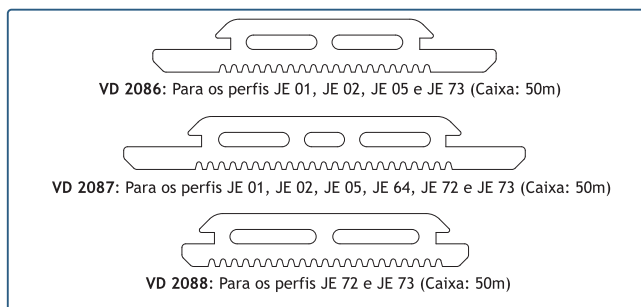
Material: EPDM
 Rolo: 200m
 208223 JUNTA DE CUNHA 1031 208196 JUNTA DE CUNHA 2035
 208191 JUNTA DE CUNHA 2042 208215 JUNTA DE CUNHA 2036
 208199 JUNTA DE CUNHA 2073 208904 JUNTA DE CUNHA 2037
 208195 JUNTA DE CUNHA 2034



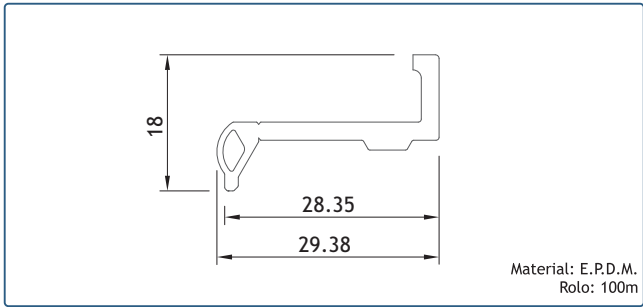
Material: EPDM
 Rolo: 100m
 208141 JUNTA DE VIDRO 2081 SÉRIE JE CX 26mm Pr.



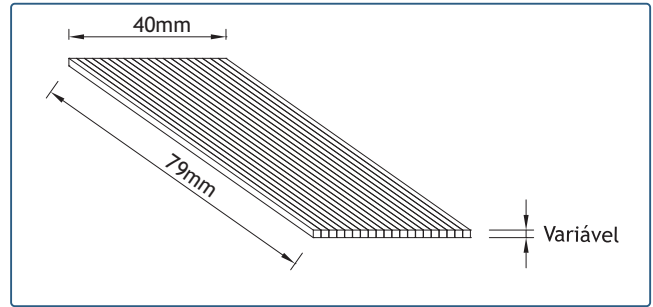
Material: EPDM
 Rolo: 100m
 208299 JUNTA DE VIDRO U 2066 COM CAIXA DE 30mm



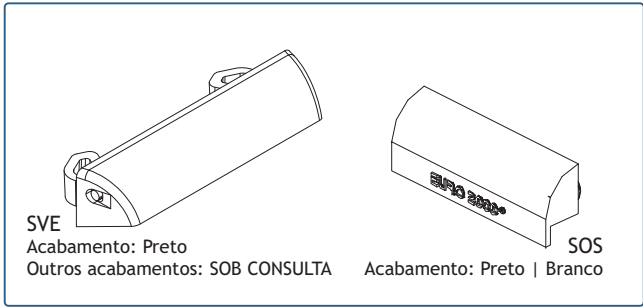
VD 2086: Para os perfis JE 01, JE 02, JE 05 e JE 73 (Caixa: 50m)
 VD 2087: Para os perfis JE 01, JE 02, JE 05, JE 64, JE 72 e JE 73 (Caixa: 50m)
 VD 2088: Para os perfis JE 72 e JE 73 (Caixa: 50m)
 208909 JUNTA VD 2086
 208910 JUNTA VD 2087
 208911 JUNTA VD 2088



208300 JUNTA CENTRAL 2096



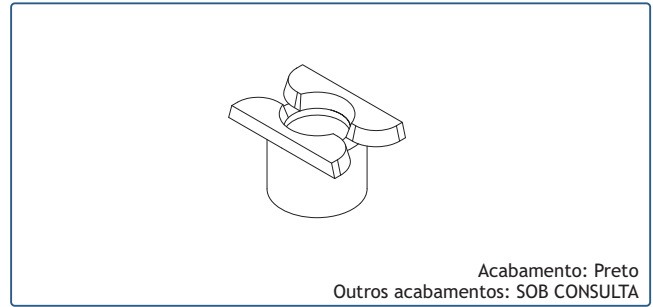
218113 CALÇO P/VIDRO 79x40x2
218109 CALÇO P/VIDRO 79x40x3
218111 CALÇO P/VIDRO 79x40x4
218112 CALÇO P/VIDRO 79x49x5



SVE
Acabamento: Preto
Outros acabamentos: SOB CONSULTA

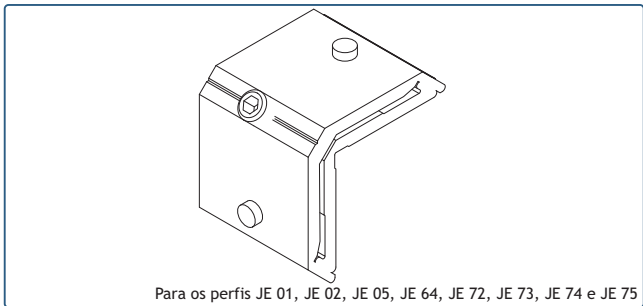
SOS
Acabamento: Preto | Branco

210268 GOTEIRA C/VÁLVULA SVE PRT
210280 GOTEIRA C/VÁLVULA SOS (Pr./Br.)



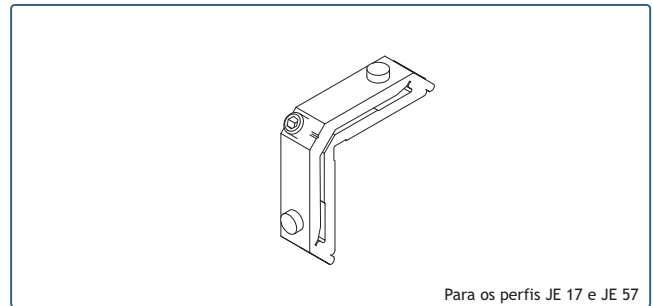
Acabamento: Preto
Outros acabamentos: SOB CONSULTA

210265 GOTEIRA C/VÁLVULA BOLA



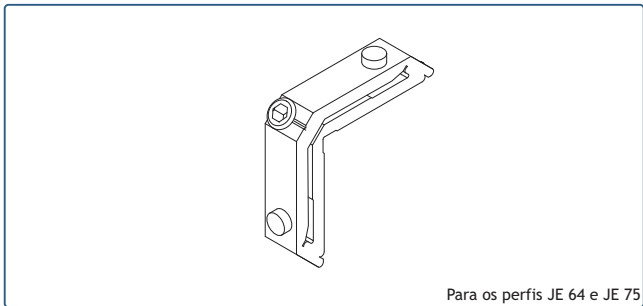
Para os perfis JE 01, JE 02, JE 05, JE 64, JE 72, JE 73, JE 74 e JE 75

204155 ESQUADRO 18-3712 C



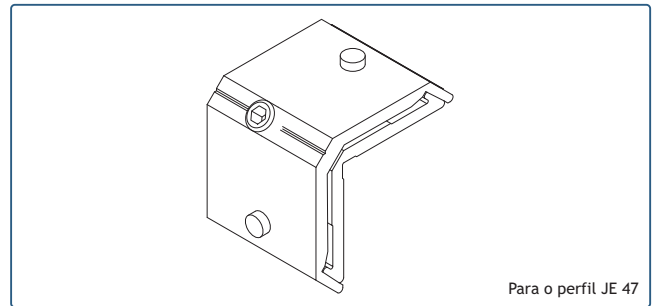
Para os perfis JE 17 e JE 57

204901 ESQUADRO 18-1112-C JE



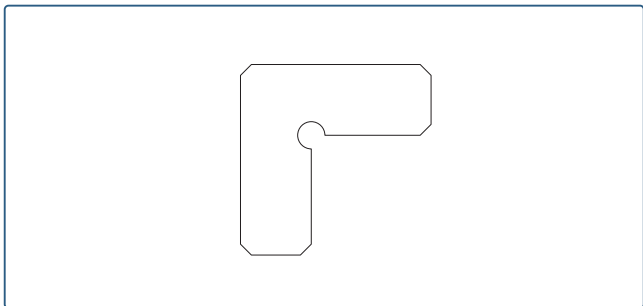
Para os perfis JE 64 e JE 75

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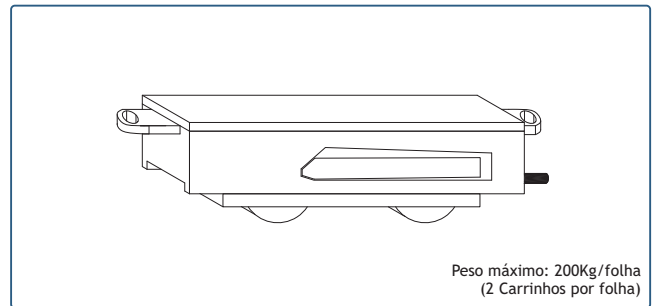


Para o perfil JE 47

204149 ESQUADRO 18-3112-C

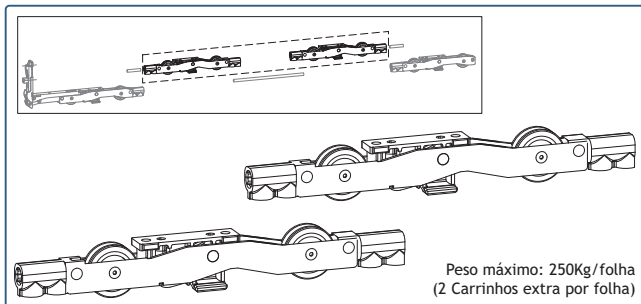


213246 CANTO CR 5/SB



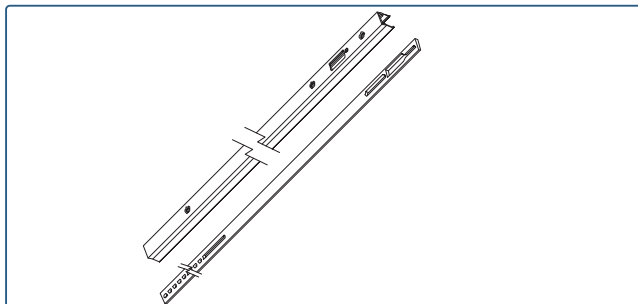
Peso máximo: 200Kg/folha
(2 Carrinhos por folha)

205105 CARRINHOS JE 100 Kg

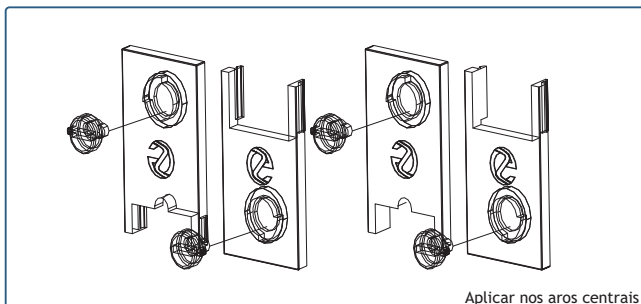


212140 CONJUNTO CARRINHOS JE P/250Kg

Peso máximo: 250Kg/folha
(2 Carrinhos extra por folha)

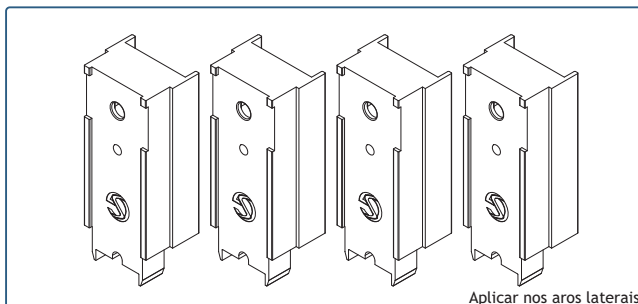


211099 BARRA PROLONGADOR



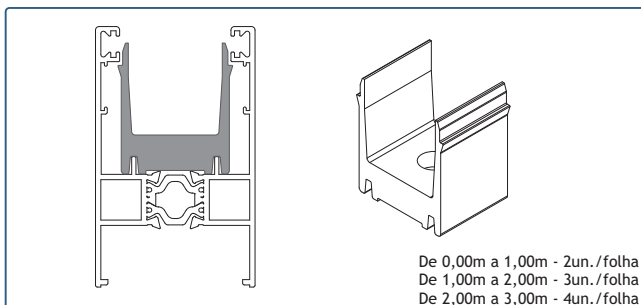
212102 CONJUNTO GUIAS JE

Aplicar nos aros centrais



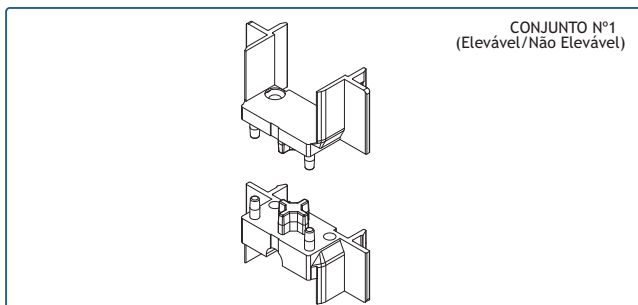
212056 CONJUNTO GUIA COM AMORTECEDOR JE

Aplicar nos aros laterais



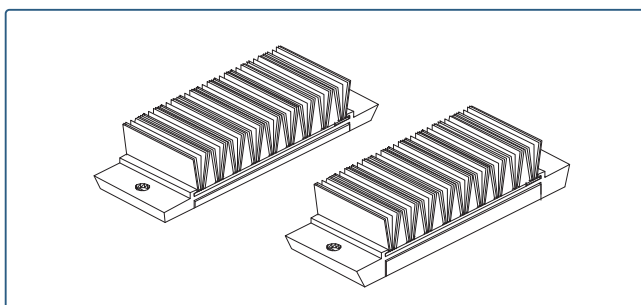
207093 GUIA SUPERIOR JE

De 0,00m a 1,00m - 2un./folha
De 1,00m a 2,00m - 3un./folha
De 2,00m a 3,00m - 4un./folha

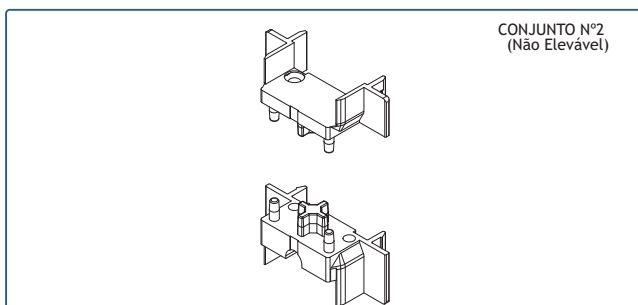


212051 CONJUNTO Nº1 TOPO JE-27 (3 / 4 FOLHAS - Elevável/Não Elevável)

CONJUNTO Nº1
(Elevável/Não Elevável)

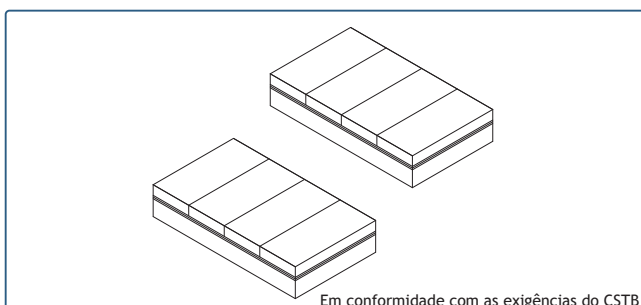


212103 CONJ. CORTA-VENTO SUP. E INF. JE



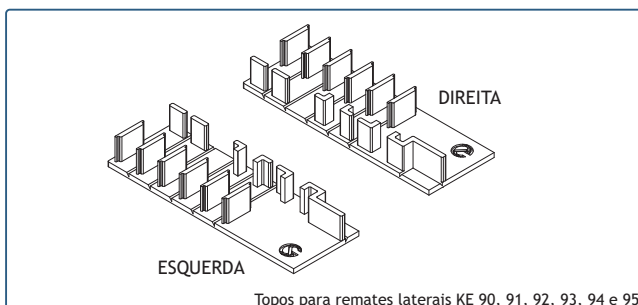
212053 CONJUNTO Nº2 TOPO JE-27 (3 / 4 FOLHAS-Não Elevável)

CONJUNTO Nº2
(Não Elevável)



223073 KIT CORTA VENTOS ESP JE

Em conformidade com as exigências do CSTB

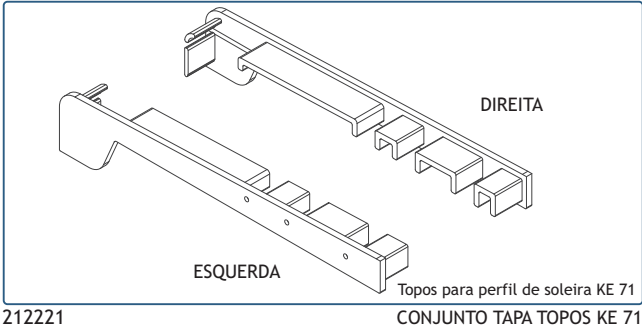


212223 CONJUNTO TOPOS INFERIORES PARA RENOVATIO

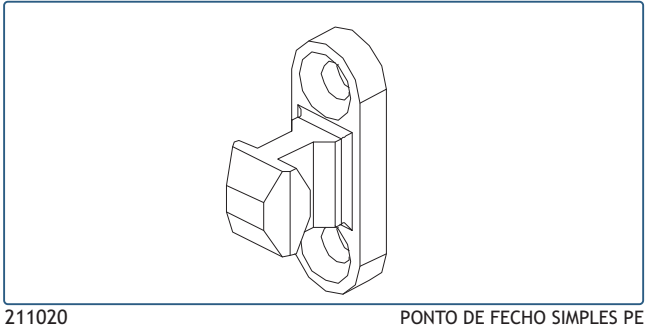
Topos para remates laterais KE 90, 91, 92, 93, 94 e 95

ESQUERDA

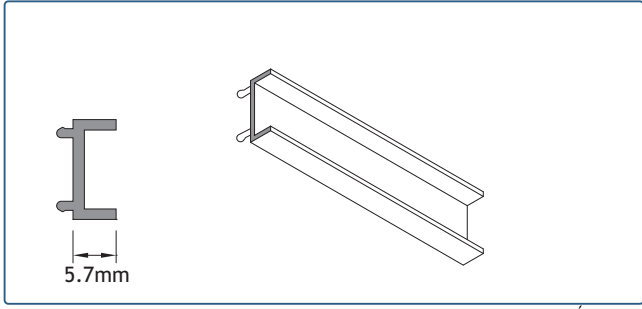
DIREITA



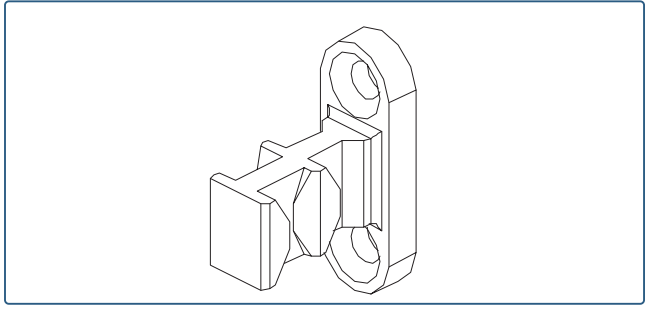
212221



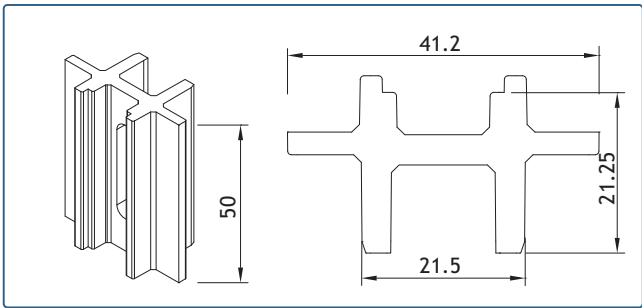
211020



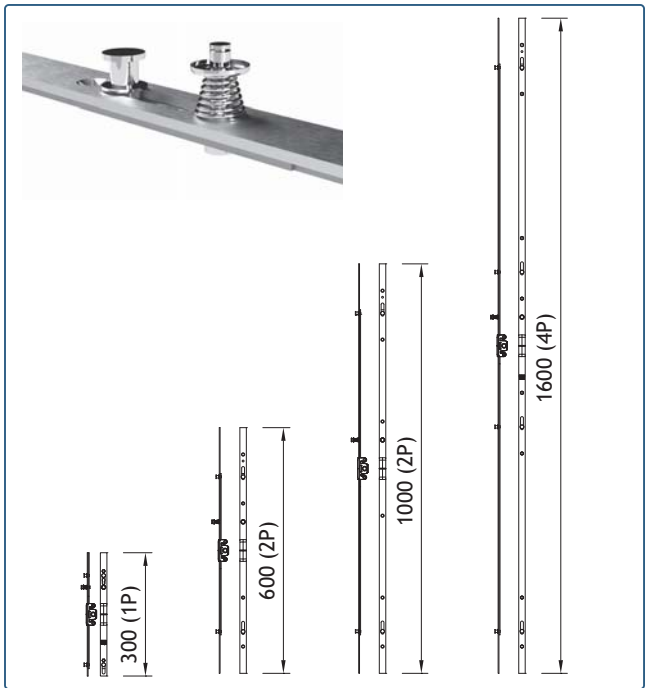
218128



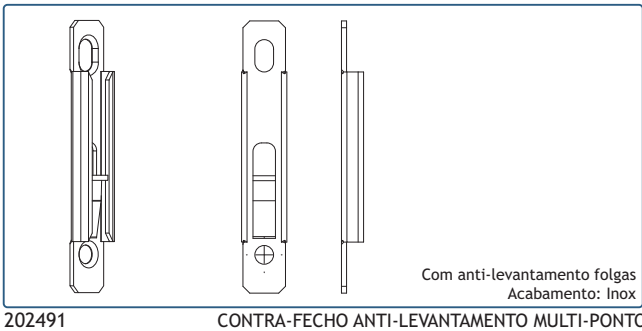
211021



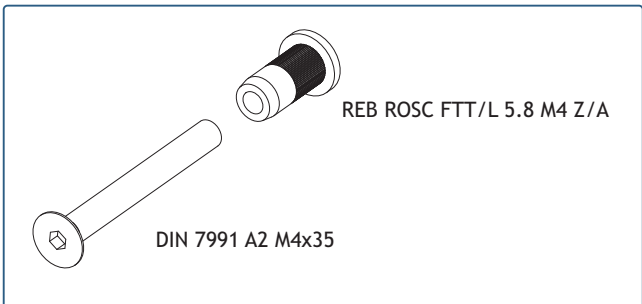
218117



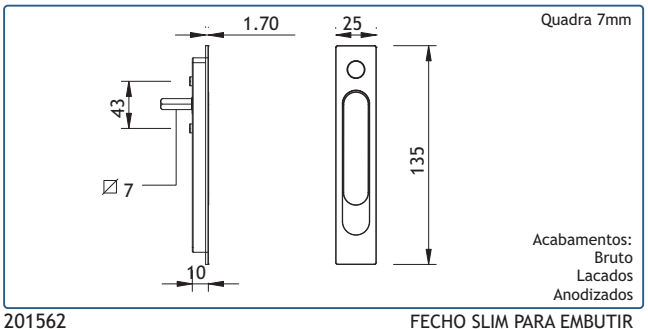
211119 FERRAGEM MULTI-PONTO ANTI-FALSA MANOB. 300
 211120 FERRAGEM MULTI-PONTO ANTI-FALSA MANOB. 600
 211121 FERRAGEM MULTI-PONTO ANTI-FALSA MANOB. 1000
 211122 FERRAGEM MULTI-PONTO ANTI-FALSA MANOB. 1600



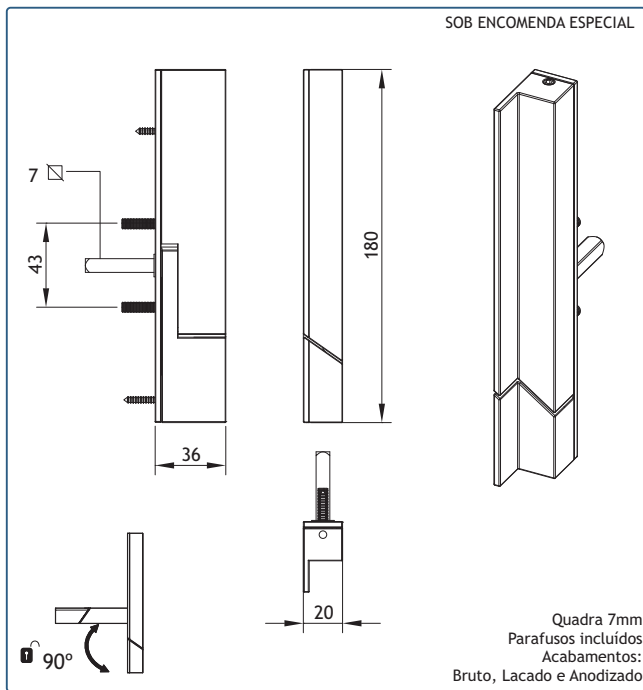
202491



212017

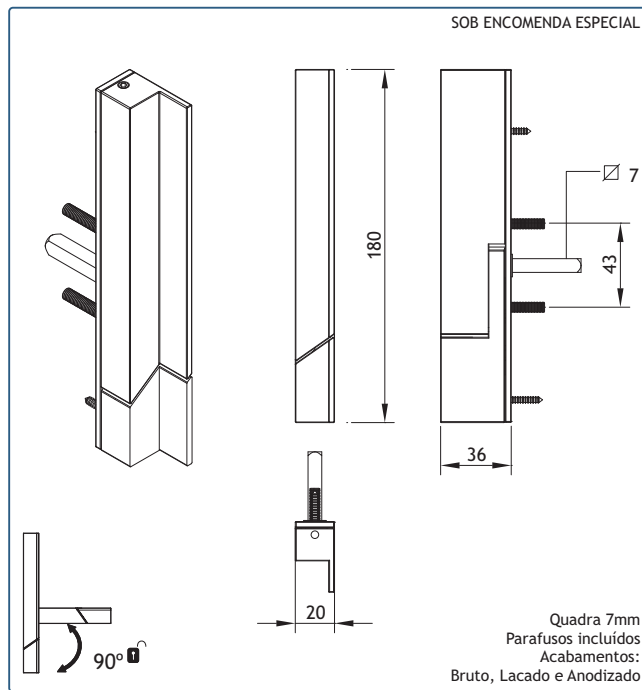


201562



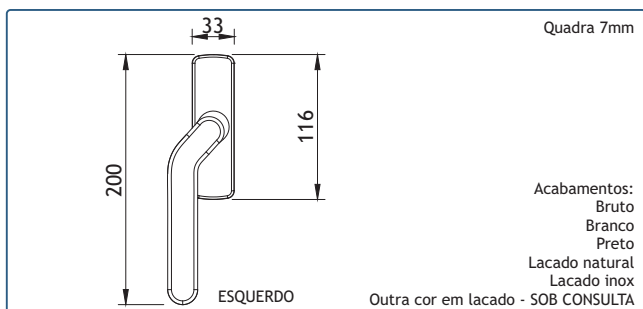
200617

PUXADOR SLIM ESQUERDO



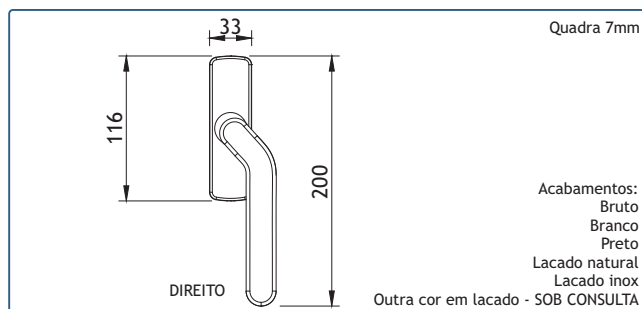
200616

PUXADOR SLIM DIREITO



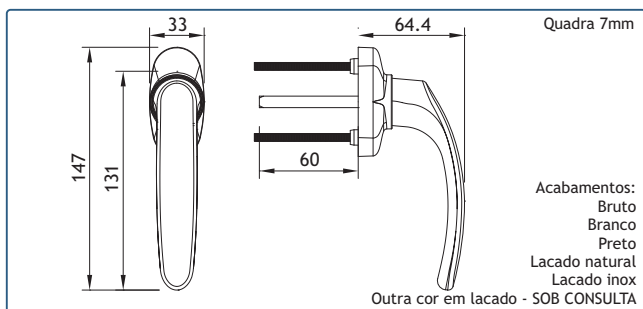
200939

CREMONE MULTI-PONTO DESVIADO - ESQUERDO



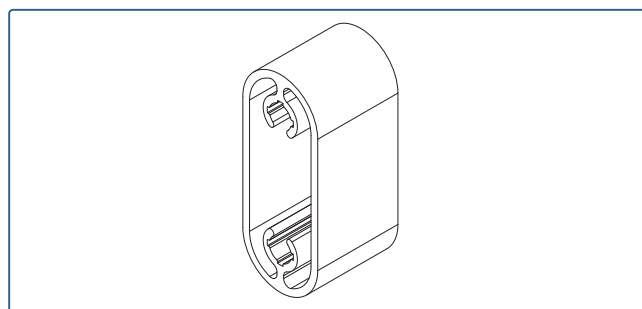
200959

CREMONE MULTI-PONTO DESVIADO - DIREITO



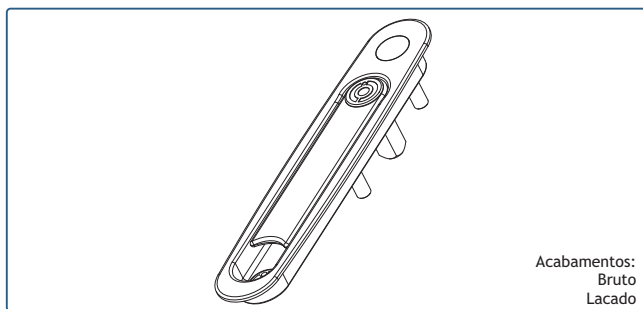
200025

PUXADOR SOS 608L



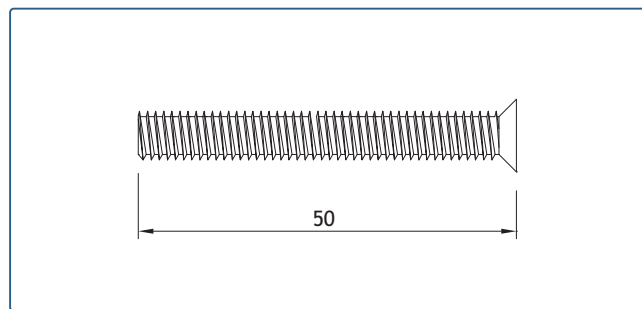
X-00

CALÇO X-00



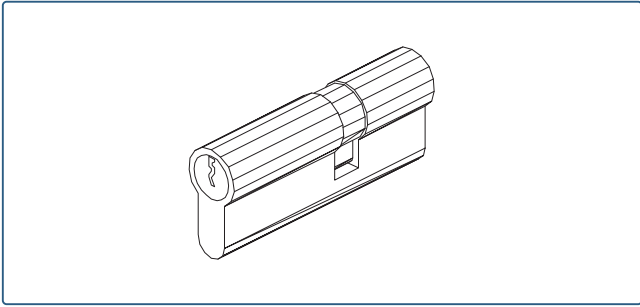
201467

FECHO DE EMBUTIR PARA MULTIPONTO CB-400

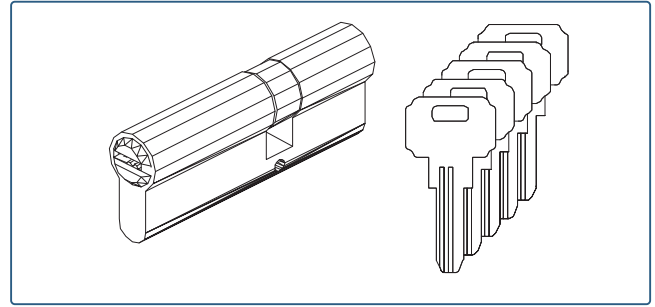


290028

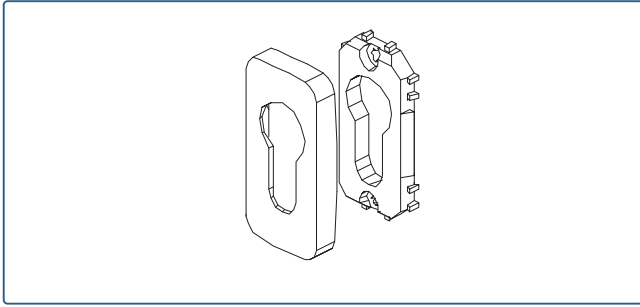
PARAFUSO P/ PUXADOR DE JANELA



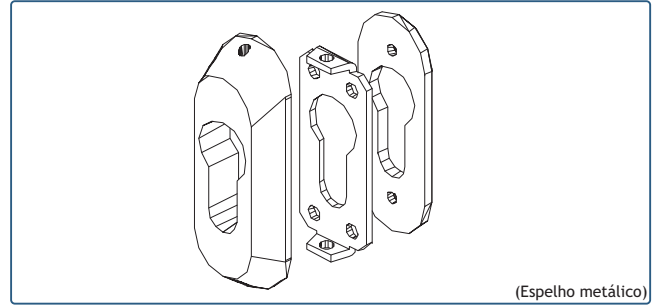
230040 SEGREDO 30/45 (INCLUI 3 CHAVES)



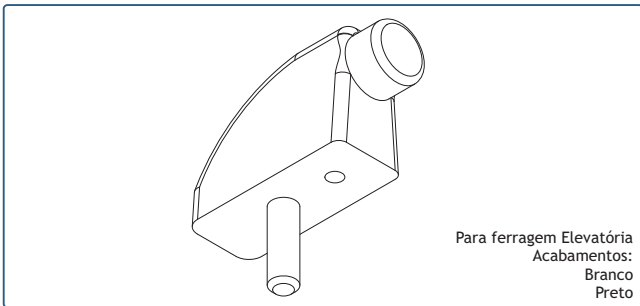
230004 SEGREDO DE SEGUR. SA/AT (INCLUI 5 CHAVES)



220190 ESPELHO 874.801 (Br./Pr.)

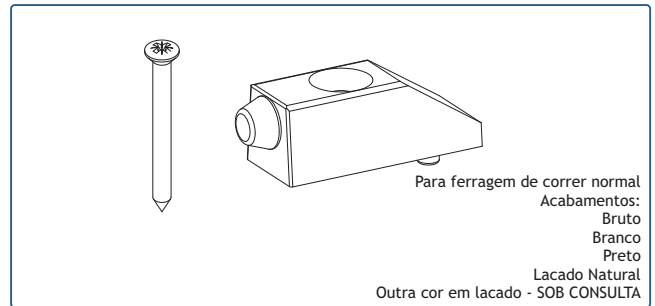


220008 ESPELHO PARA SEGURANÇA 5100 (Pr.)
(Espelho metálico)



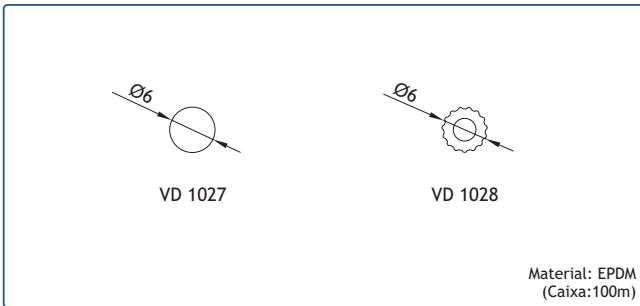
214164 BATENTE TOPEHSN

Para ferragem Elevatória
Acabamentos:
Branco
Preto



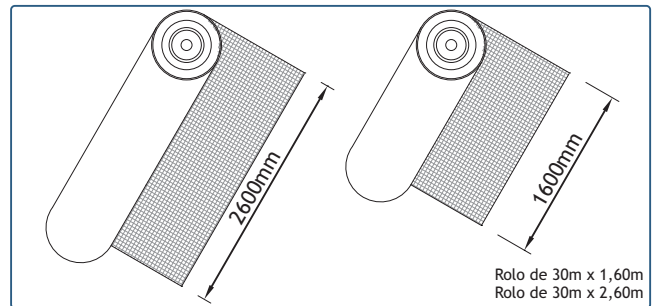
228107 LIMITADOR ABERTURA PQ SERIE CORRER

Para ferragem de correr normal
Acabamentos:
Bruto
Branco
Preto
Lacado Natural
Outra cor em lacado - SOB CONSULTA



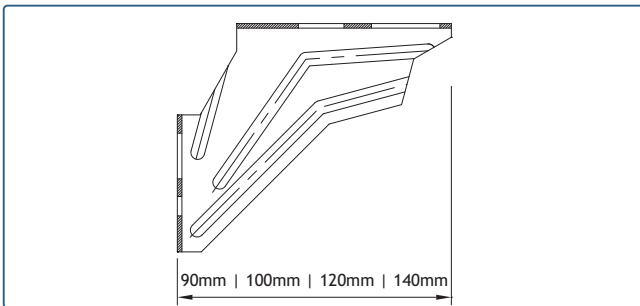
208310 VEDANTE PARA MOSQUITEIRA 1027 Pr.
208311 VEDANTE PARA MOSQUITEIRA 1028 Pr

Material: EPDM
(Caixa:100m)

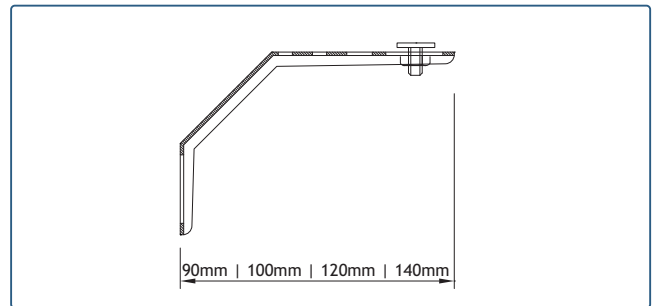


229105 REDE MOSQUITEIRA EM FIBRA 1600mm Cinza
229106 REDE MOSQUITEIRA EM FIBRA 2600mm Cinza

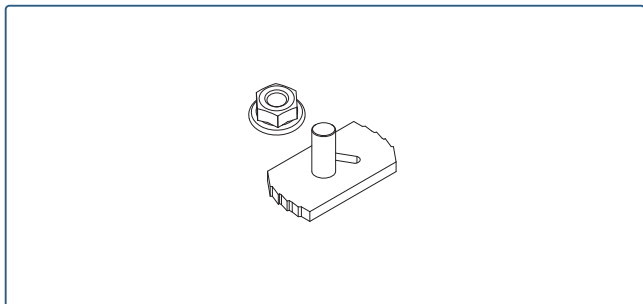
Rolo de 30m x 1,60m
Rolo de 30m x 2,60m



230309 SUPORTE FIXAÇÃO 90mm
230014 SUPORTE FIXAÇÃO 100mm
230019 SUPORTE FIXAÇÃO 120mm
230308 SUPORTE FIXAÇÃO 140mm

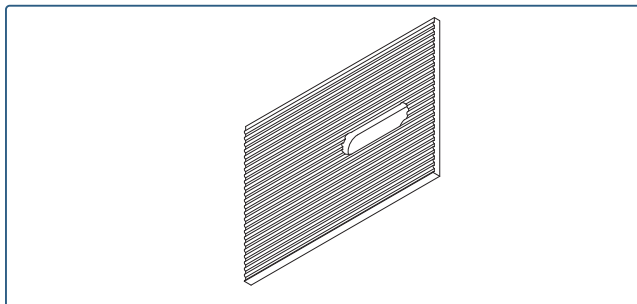


213257 ÂNGULO FIXAÇÃO 90mm
213239 ÂNGULO FIXAÇÃO 100mm
213240 ÂNGULO FIXAÇÃO 120mm
213256 ÂNGULO FIXAÇÃO 140mm



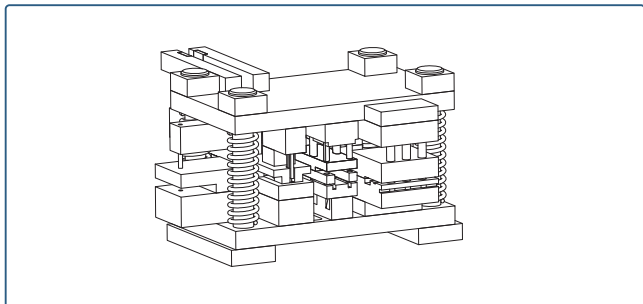
207220

PRESILHA M6x37mm



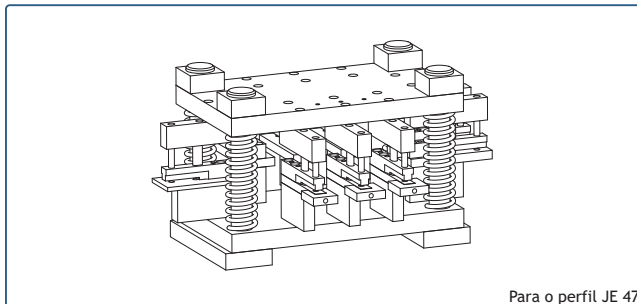
218116

CALÇO SEPARADOR (50 x 70mm)



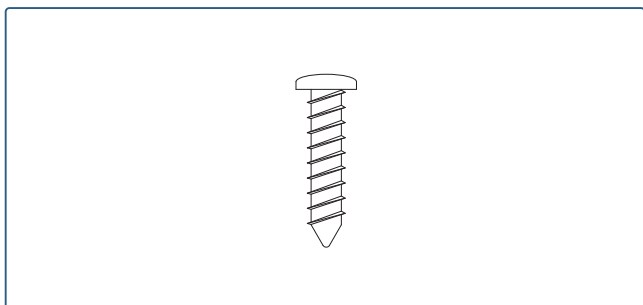
408171

CORTANTE JE



408174

Para o perfil JE 47
CORTANTE ESQUADROS OS



290260

PARAFUSO PAR 001 1/2x8 INOX CQ



208704

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



208019

Junta de vedação elástica, resistente aos UV
Impede a corrosão de penetrar pelas zonas cortadas

SELA JUNTAS 150gr. (Cinza)

ACESSÓRIOS DA FERRAGEM ELEVATÓRIA 200Kg

		(opção a)		(opção b)		
	1a	200407	CREMONE S/PE (Branco) CREMONE S/PE (Preto) CREMONE S/PE (Natural) CREMONE S/PE (P/outras cores)	1b	200161	CREMONE JE/PE DIRIGENT (Branco) CREMONE JE/PE DIRIGENT (Preto) CREMONE JE/PE DIRIGENT (Natural) CREMONE JE/PE DIRIGENT (outras cores)
			(opção a)		(opção b) (*)	
	2a	211152	FERRAGEM CREMONE H2140 (834-1379mm) Natural FERRAGEM CREMONE H2140 (834-1379mm) Preto	2b	211149	FERRAGEM CREMONE C2170 Preto FERRAGEM CREMONE C2170 Natural
		211153	FERRAGEM CREMONE H2190 (1249-1879mm) Natural FERRAGEM CREMONE H2190 (1249-1879mm) Preto		211150	FERRAGEM CREMONE C2220 Preto FERRAGEM CREMONE C2220 Natural
		211154	FERRAGEM CREMONE H2240 (1879-2379mm) Natural FERRAGEM CREMONE H2240 (1879-2379mm) Preto		211151	FERRAGEM CREMONE C2260 Preto FERRAGEM CREMONE C2260 Natural
		211155	FERRAGEM CREMONE H2280 (2129-2779mm) Natural FERRAGEM CREMONE H2280 (2129-2779mm) Preto			
	3	212055	CONJ. CARRINHOS ELEVADORES JE CC200			
			(opção a)		(opção b) (*)	
	4a	215022	BARRA DE LIGAÇÃO L110 (785-1684mm)	4b	215198	BARRA DE LIGAÇÃO BU150T
		215023	BARRA DE LIGAÇÃO L140 (1685-1934mm)		215200	BARRA DE LIGAÇÃO BU200T
	215024	BARRA DE LIGAÇÃO L180 (1935-2434mm)		215205	BARRA DE LIGAÇÃO BU250T	
	215025	BARRA DE LIGAÇÃO L330 (2435-3384mm)		215020	BARRA DE LIGAÇÃO BU335T	
5	214164	BATEENTE TOPEHSN (Branco) BATEENTE TOPEHSN (Preto)			OPCIONAL	
6	299010	CONCHA 11mm JE (Branco) CONCHA 11mm JE (Preto)			OPCIONAL	
		(opção a)		(opção b)		
7	200409	CREMONE DUPLO S/ PE (Branco) CREMONE DUPLO S/ PE (Preto)	7b	200291	CREMONE DUPLO JE/PE DIRIGENT(Branco) CREMONE DUPLO JE/PE DIRIGENT(Preto)	

NOTA: (*) Obriga à utilização de todas as restantes ferragens da mesma marca.
(Ferragem cremone; Conj. carrinhos elevadores JE; Barra ligação)

Imagem meramente indicativa



Pormenores de montagem

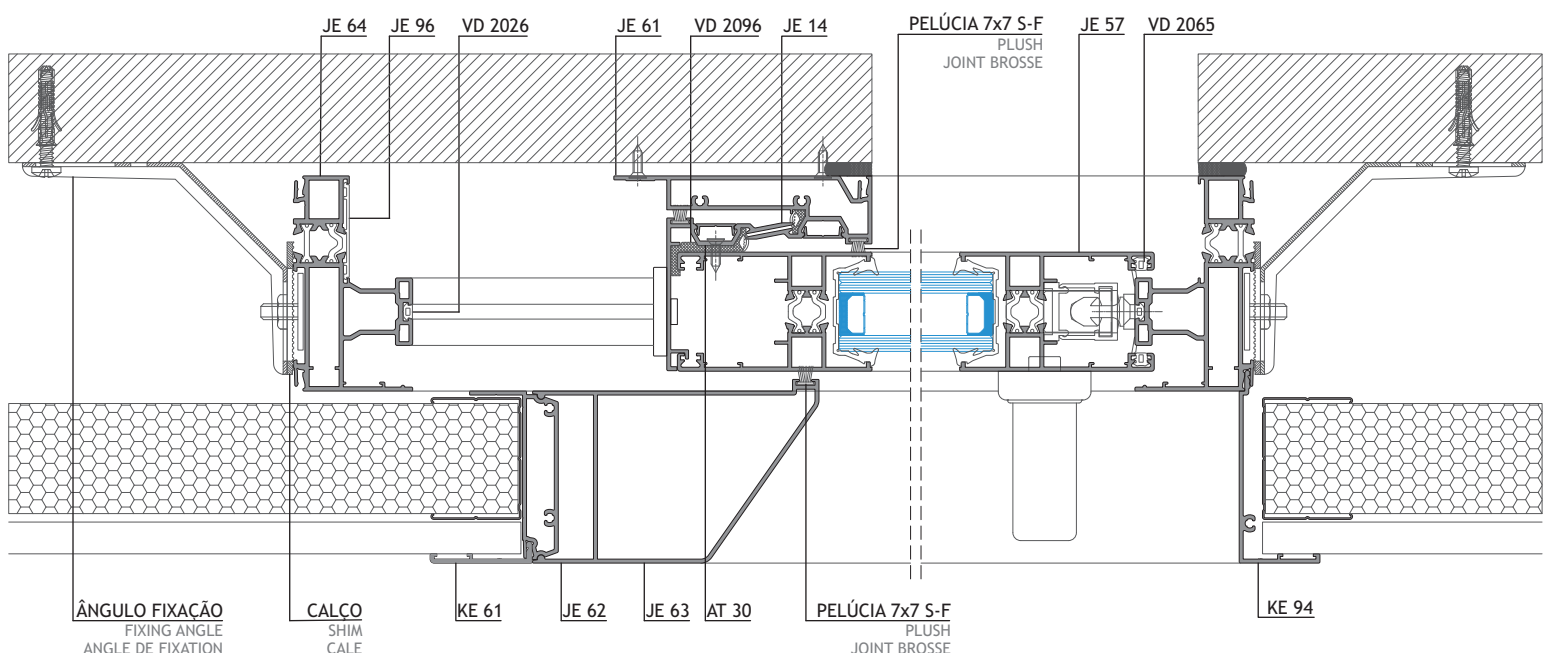
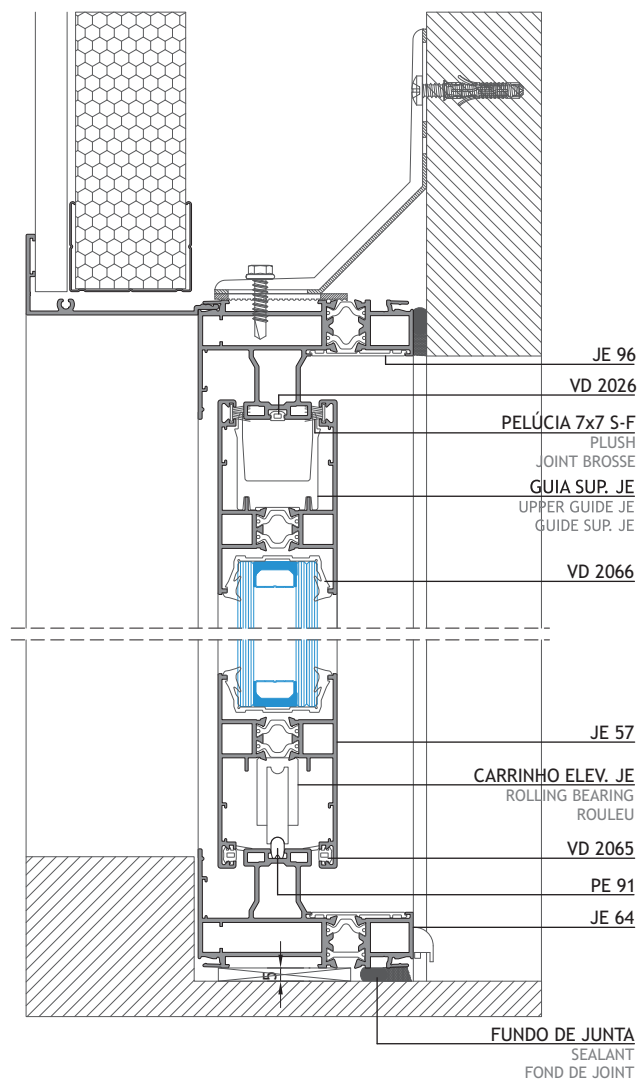
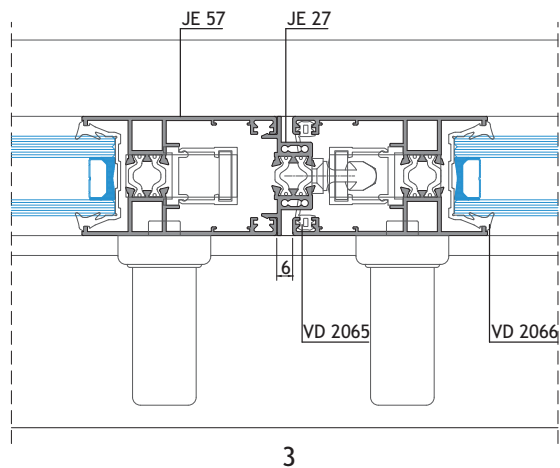
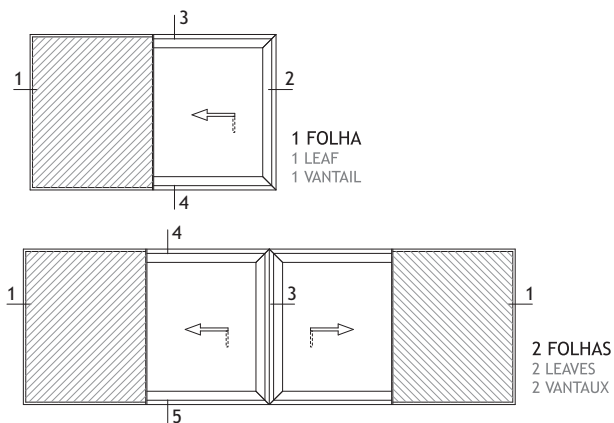
Assembly details
Détails d'assemblage



JANELA DE CORRER DE EMBUTIR

HIDDEN SLIDING WINDOW

FENÊTRE COULISSANTE À GALANDAGE



1

2

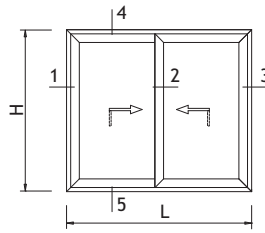


S/ESC.

JANELA DE CORRER DE 2 FOLHAS

2 LEAVES SLIDING WINDOW

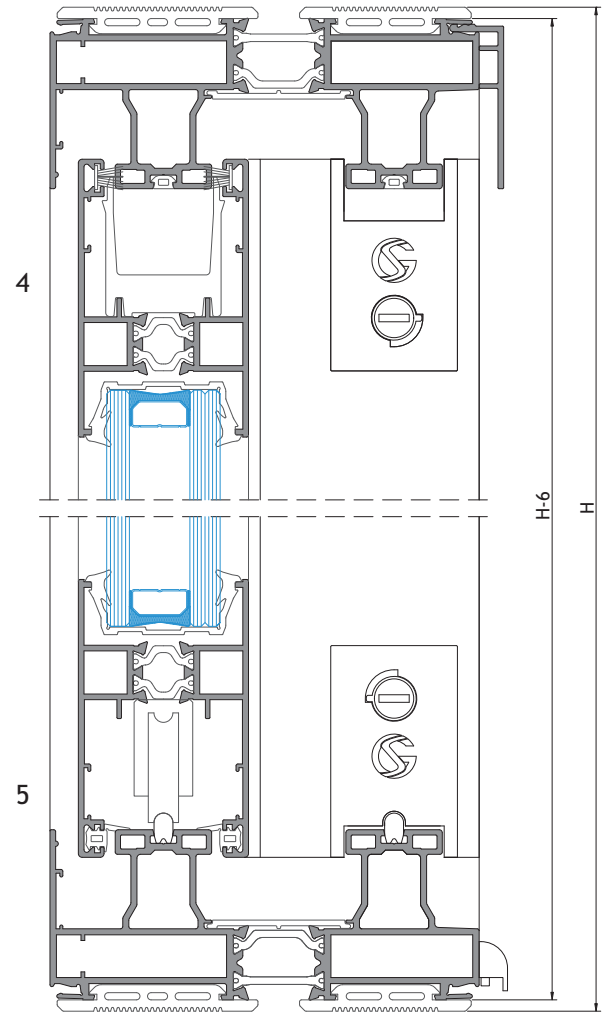
FENÊTRE COULISSANTE 2 VANTAUX



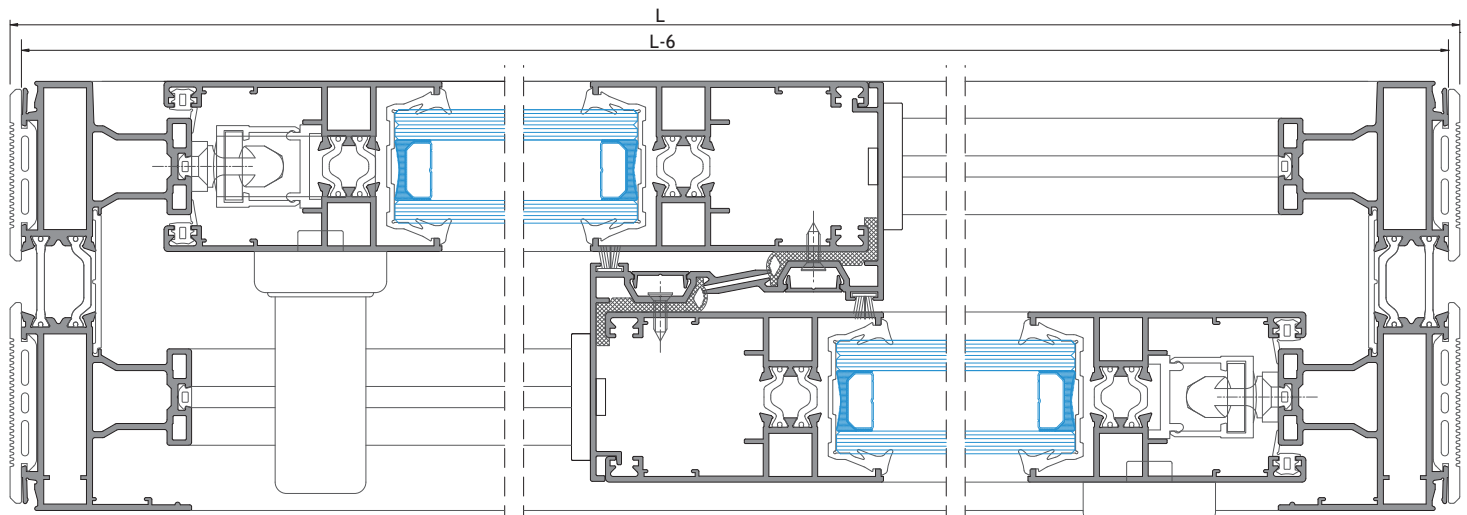
PERFIS PROFILES PROFILS				
REFERÊNCIA REFERENCE RÉFÉRENCE	CORTE HORIZONTAL HORIZONTAL DETAIL DÉTAIL HORIZONTAL	CORTE VERTICAL VERTICAL DETAIL DÉTAIL VERTICALE	QUANTIDADE QUANTITY QUANTITÉ	CORTE CUT COUPÉ
JE 02	L-6	H-6	2+2	
JE 57	(L/2)-6	H-81	4+4	
JE 14	-	H-81	2	
JE 80	L-6	-	1	
PE 91	L-90	-	2	
AT 30	-	H-81	2	
JE 96	L-44	H-49	2+2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION DÉSIGNATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATÓRIA Lifting Élévateur	Multi-ponto M.-point M.-point
.....	CONJ. CARR. ELEV. JE ROLLING BEARINGS KIT KIT DE ROULEAU	2	-
.....	FERRAGEM CREMONE x(2xxxx) HARDWARE SERRURE	2	-
.....	CREMONE xxxxxxxx HANDLE POIGNÉE	2	-
.....	BARRA DE LIGAÇÃO L (xxx) BAR BARRE	2	-
.....	FECHO MULTI-PONTO JE MULTIPOINT LOCK FERMETURE MULTIPOINT	-	2 *
205105	CARRINHO JE 100Kg ROLLING BEARING ROULEAU	-	4
204155	ESQUADRO 18-3712 C BLOCKING BRACKET ÉQUERRE	8	8
204901	ESQUADRO 18-1112 C JE BLOCKING BRACKET ÉQUERRE	16	16
213246	CANTO CR S/SB ANGLE COIN	20	20
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	1	1
212056	CONJ. GUIAS C/AMORTECEDOR JE GUIDES KIT KIT DE GUIDES	-	1
207093	GUIA SUPERIOR JE UPPER GUIDE GUIDE SUPÉRIEUR	MIN. 4 **	MIN. 4 **
212103	CONJ. CORTA-VENTO SUP E INF. JE JE WIND-CUT KIT KIT BRISE-VENT JE	1	1
214164	BATENTE TOPEHSN LIMITER LIMITEUR	2	-
228107	LIMITADOR ABERTURA PQ SERIE CORRER LIMITER LIMITEUR	-	2
210280	GOTEIRA SOS COM VÁLVULA DRIP GOUTTIÈRE	2	2
260020	PARAFUSO PAR 006 SCREW VIS	1Un./m	1Un./m
218109	CALÇO PARA VIDRO 79x40x3 C GLAZING SHIM CALLE POUR VITRAGE	8	8
290260	PARAFUSO PAR 001/2x8 INOX CQ SCREW VIS	14	14

*CONSIDERAR TODOS OS ACESSÓRIOS COMPLEMENTARES.
 **DE 0,00m a 1,00m=2 UNIDADES/FOLHA; DE 1,00m a 2,00m=3 UNIDADES/FOLHA; DE 2,00m a 3,00m=4 UNIDADES/FOLHA
 *CONSIDER ALL COMPLEMENTARY ACCESSORIES | CONSIDÉRER TOUTS LES ACCESSOIRES COMPLEMENTAIRES.
 **FROM 0,00m to 1,00m=2UNITS/LEAF; FROM 1,00m to 2,00m=3 UNITS/LEAF; FROM 2,00m to 3,00m=4 UNITS/LEAF
 DE 0,00m à 1,00m=2UNITÉS/VANTAIL; DE 1,00m à 2,00m=3 UNITÉS/VANTAIL; DE 2,00m à 3,00m=4 UNIÉTS/VANTAIL



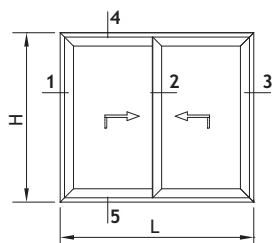
VEDANTES SEALANTS JOINTS			
CÓDIGO CODE	DESIGNAÇÃO DESIGNATION DÉSIGNATION	QUANTIDADE QUANTITY QUANTITÉ	
		Elevatória Lifting Élévateur	Multi-ponto M.-point M.-point
208460	PELÚCIA 7x7 5-FIN PLUSH JOINT BROSSÉ	2L+2H	4L+2H
208300	VD 2096	2H	2H
208298	VD 2065	2L+4H	4H
208299	VD U 2066	2L+4H	2L+4H
208414	VD 2026	2L+4H	2L+4H
208909	VD 2086	2L+2H	2L+2H
208910	VD 2087	2L+2H	2L+2H



JANELA DE CORRER DE 2 FOLHAS - COM PERFIL JE 17

2 LEAVES SLIDING WINDOW - WITH JE 17 PROFILE

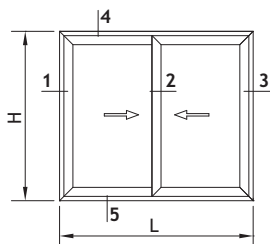
FENÊTRE COULISSANTE 2 VANTAUX - AVEC PROFILÉ JE 17



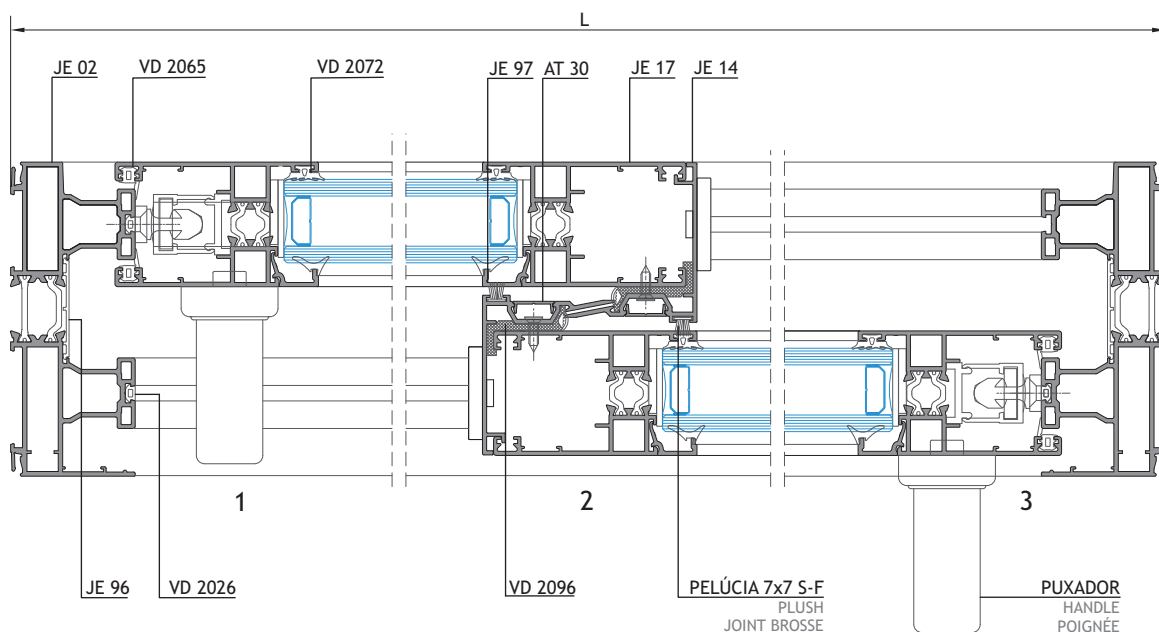
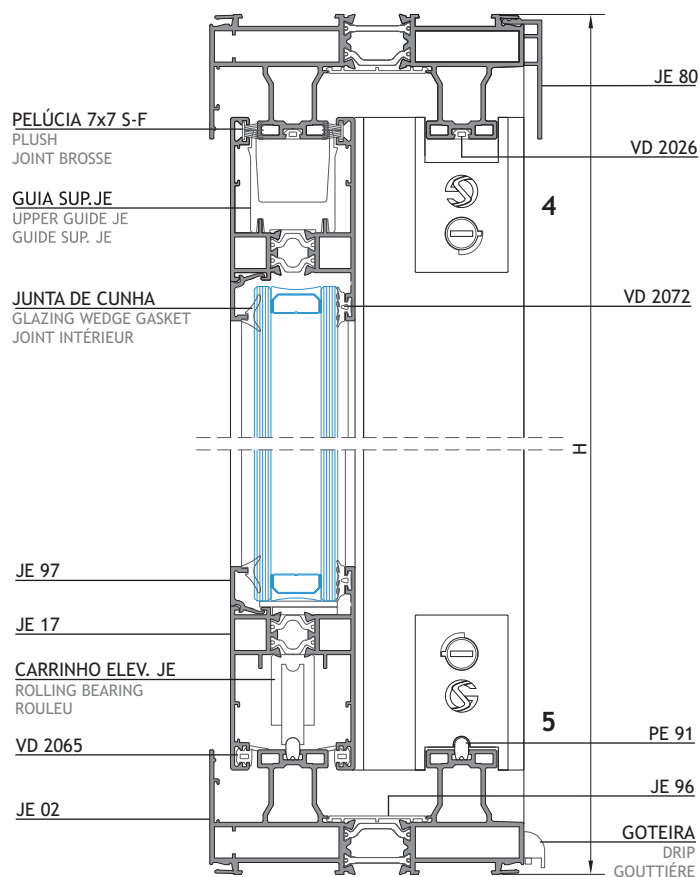
Peso máximo/folha: 250Kg
(com aplicação do artigo Conjunto de carrinhos para JE 250Kg)

Maximum weight/leaf: 250Kg (with Rolling bearings Set JE 250Kg)

Poids maximale/vantail: 250Kg (avec l'Assortiment de Rouleu JE 250Kg)



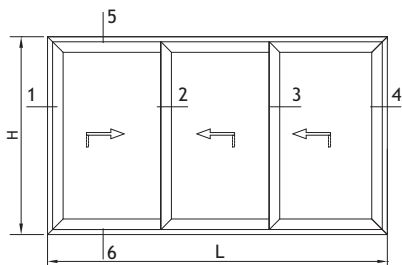
Peso máximo/folha: 200Kg
Maximum weight/leaf
Poids maximale/vantail



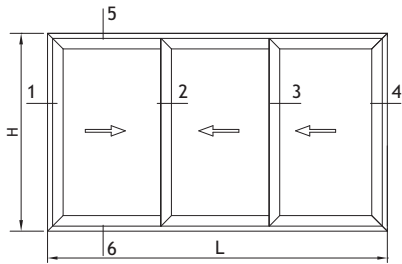
JANELA DE CORRER DE 3 FOLHAS - COM PERFIL TRI-RAIL

3 LEAVES SLIDING WINDOW - WITH 3 RAIL PROFILE

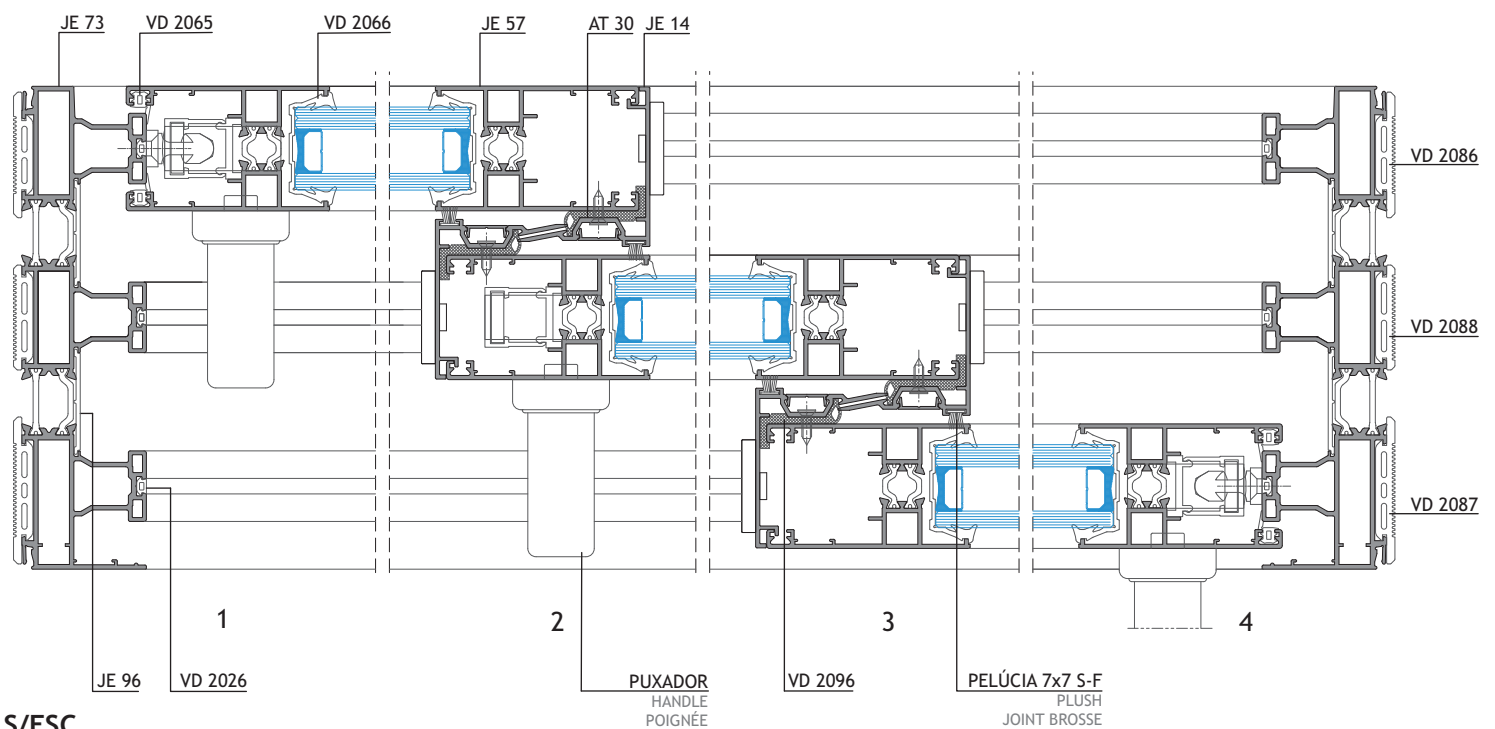
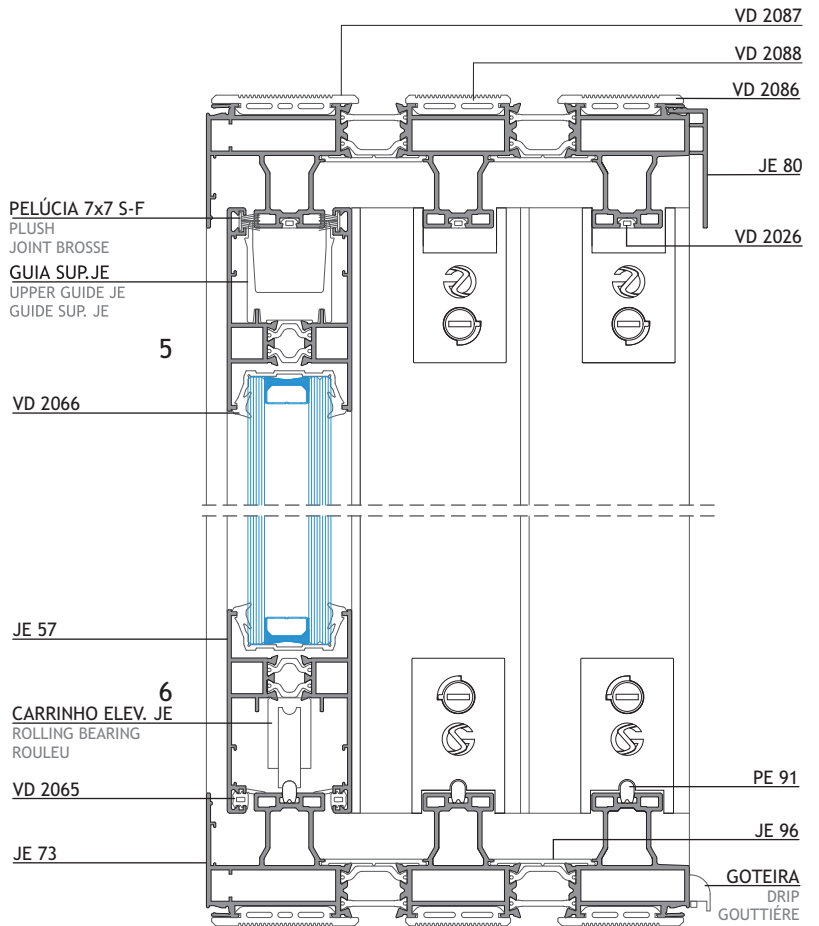
FENÊTRE COULISSANTE 3 VANTAOX - AVEC PROFILE TRI-RAIL



Peso máximo/folha: 250Kg
(com aplicação do artigo Conjunto de carrinhos para JE 250Kg)
Maximum weight/leaf: 250Kg (with Rolling bearings Set JE 250Kg)
Poids maximale/vantail: 250Kg (avec l'Assortiment de Rouleu JE 250Kg)



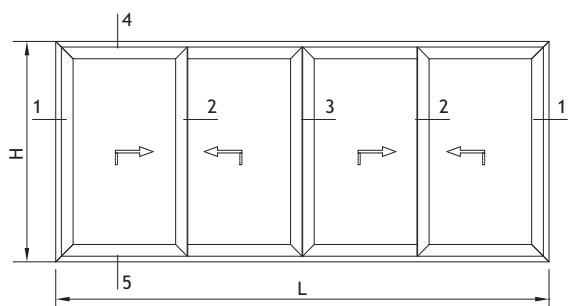
Peso máximo/folha: 200Kg
Maximum weight/leaf
Poids maximale/vantail



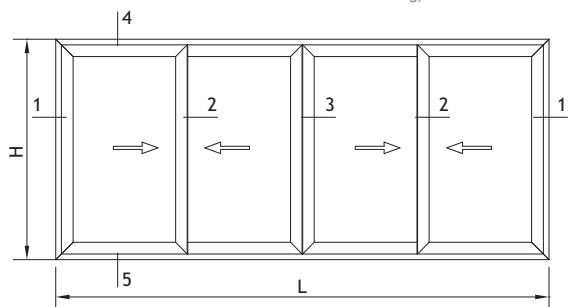
JANELA DE CORRER DE 4 FOLHAS - COM PERFIL BI-RAIL

4 LEAVES SLIDING WINDOW - WITH 2 RAIL PROFILE

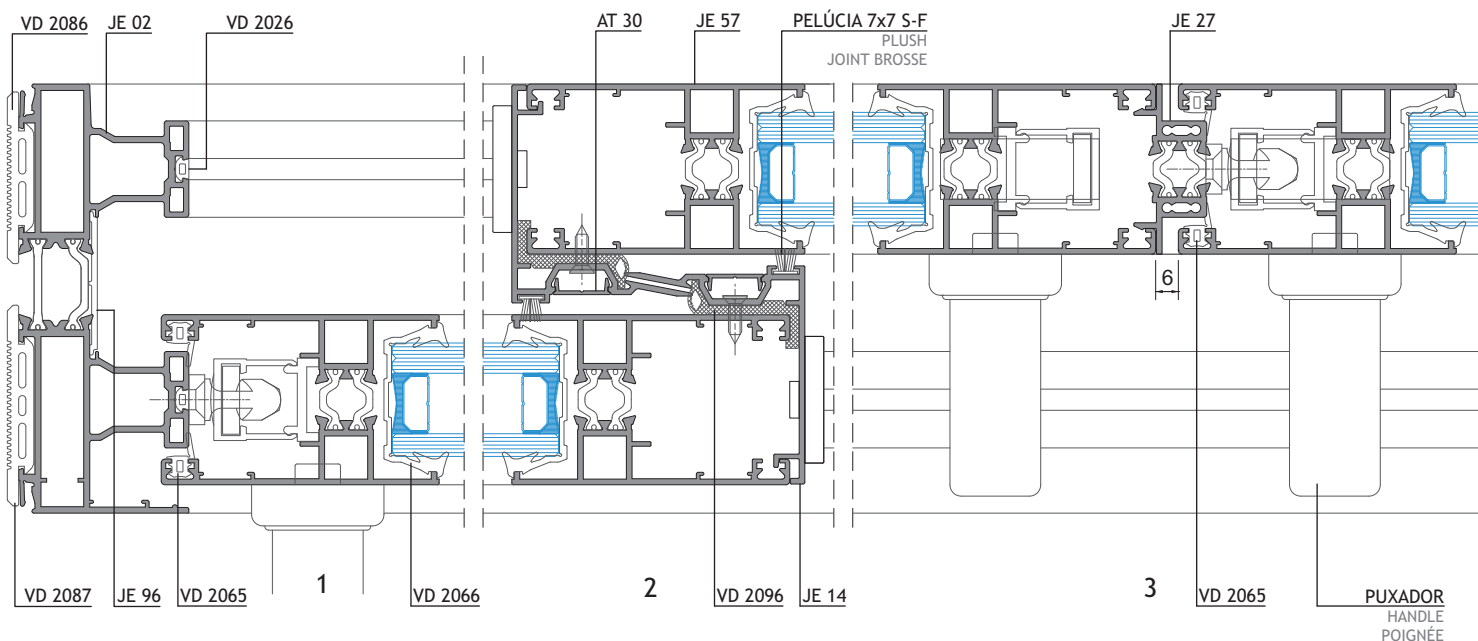
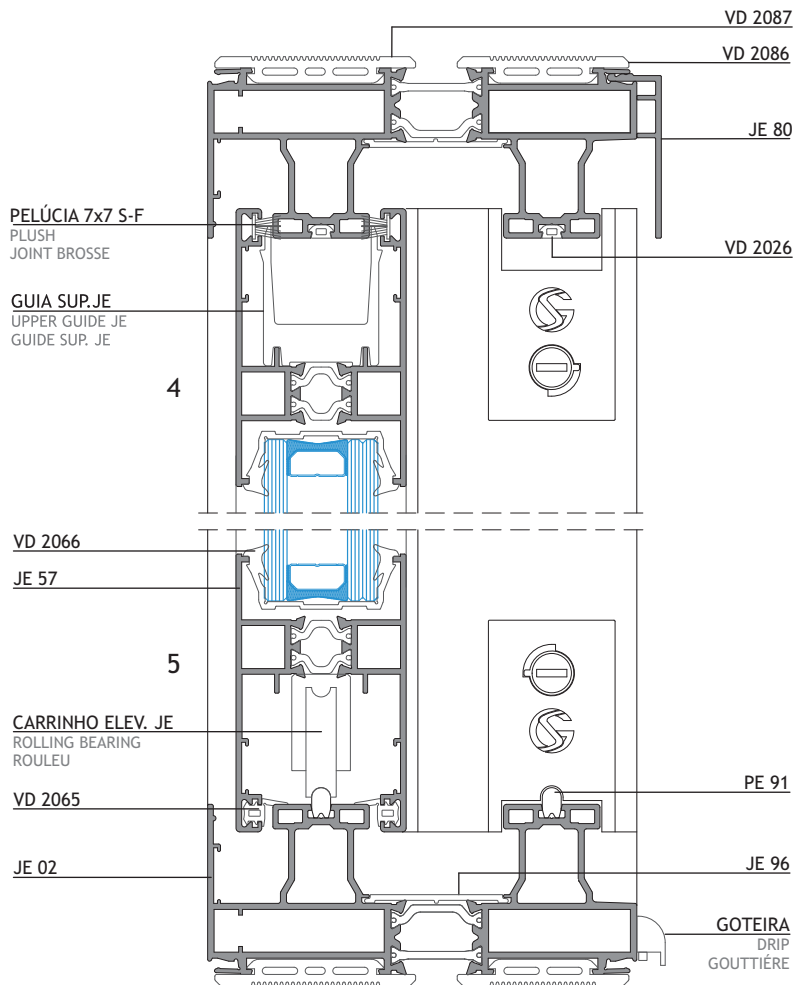
FENÊTRE COULISSANTE 4 VANTAOX - AVEC PROFILE BI-RAIL



Peso máximo/folha: 250Kg
 (com aplicação do artigo Conjunto de
 carrinhos para JE 250Kg)
 Maximum weight/leaf: 250Kg (with
 Rolling bearings Set JE 250Kg)
 Poids maximale/vantail: 250Kg (avec
 l'Assortiment de Rouleu JE 250Kg)



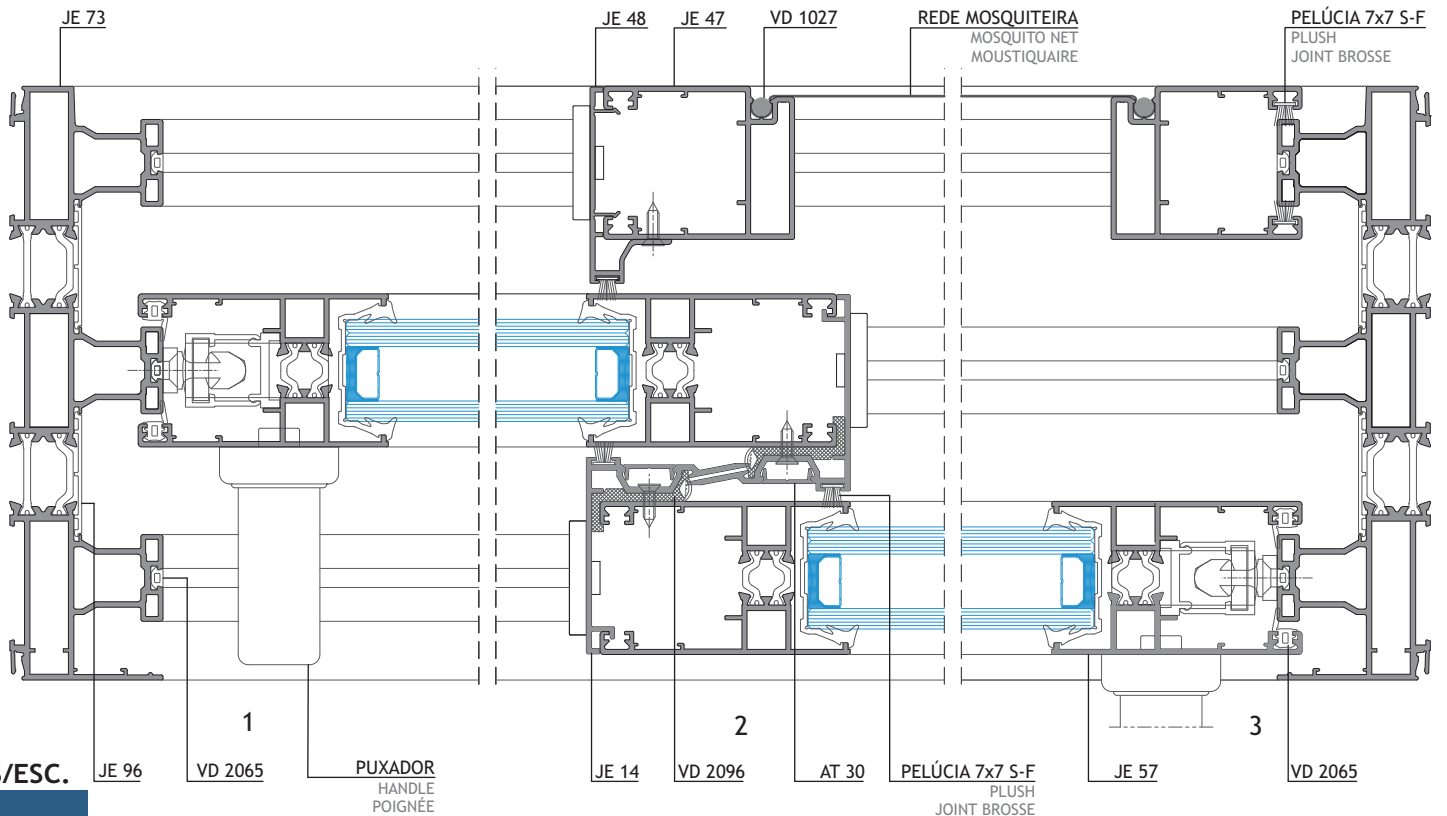
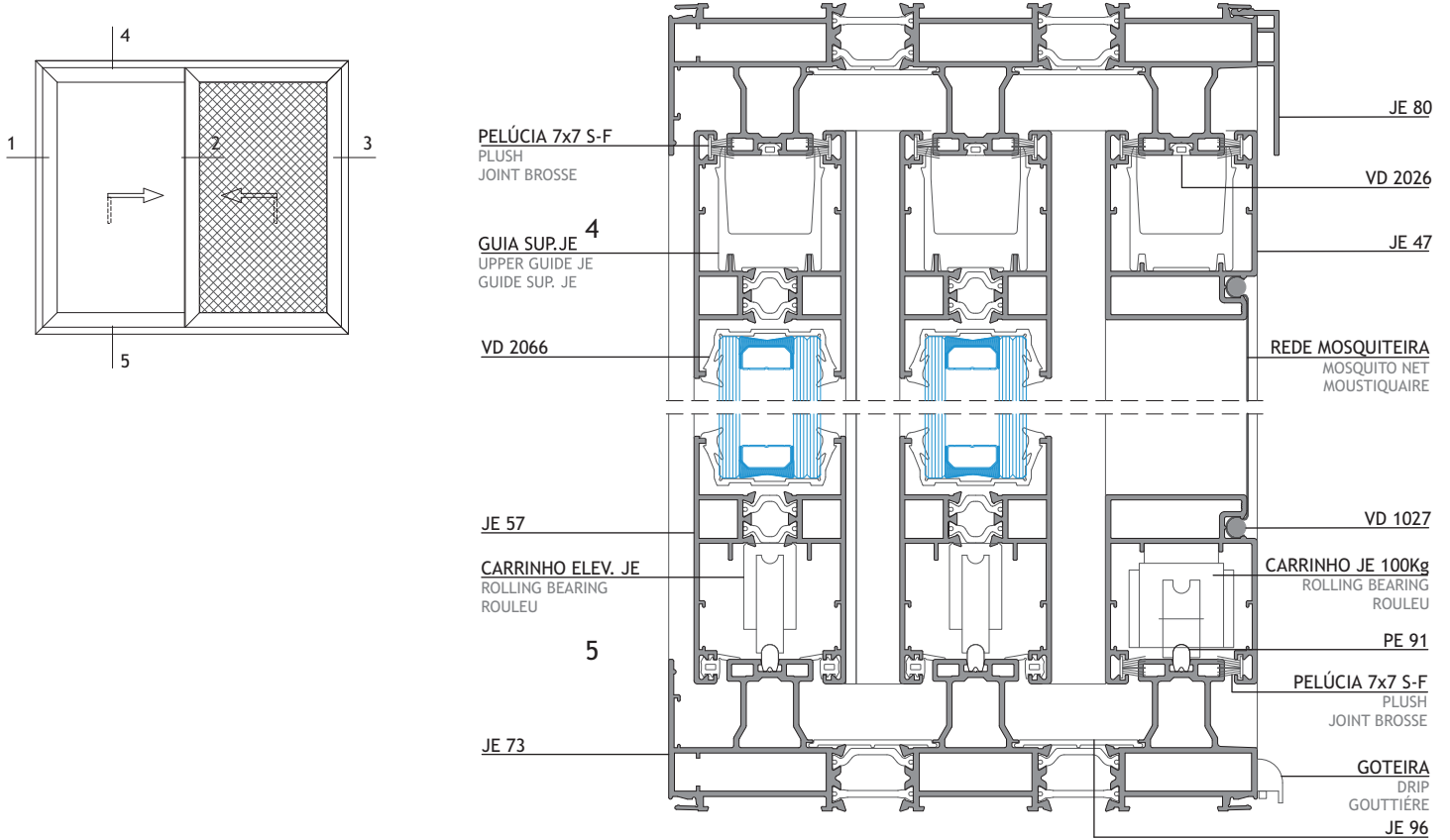
Peso máximo/folha: 200Kg
 Maximum weight/leaf
 Poids maximale/vantail



JANELA DE CORRER DE 2 FOLHAS COM APLICAÇÃO DE REDE MOSQUITEIRA PELO EXTERIOR

2 LEAVES SLIDING WINDOW WITH OUTER MOSQUITO NET

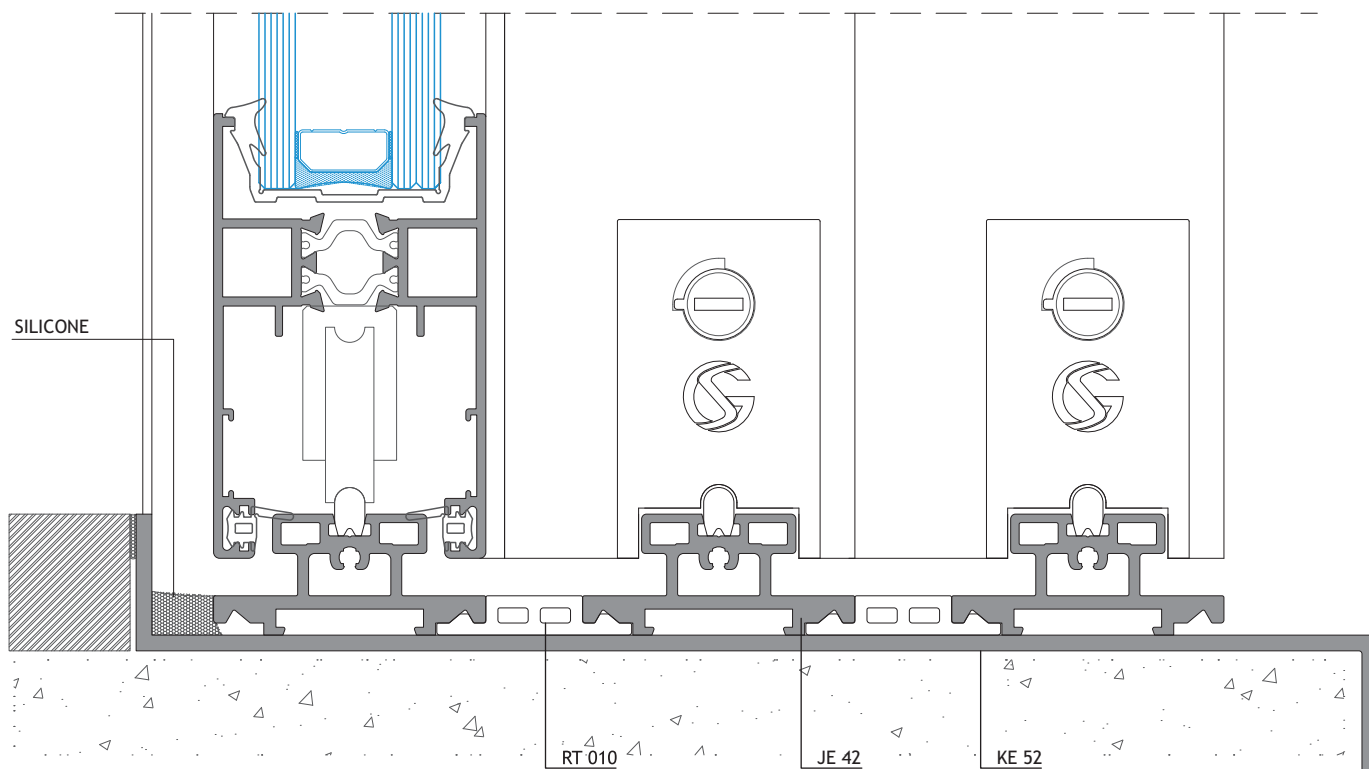
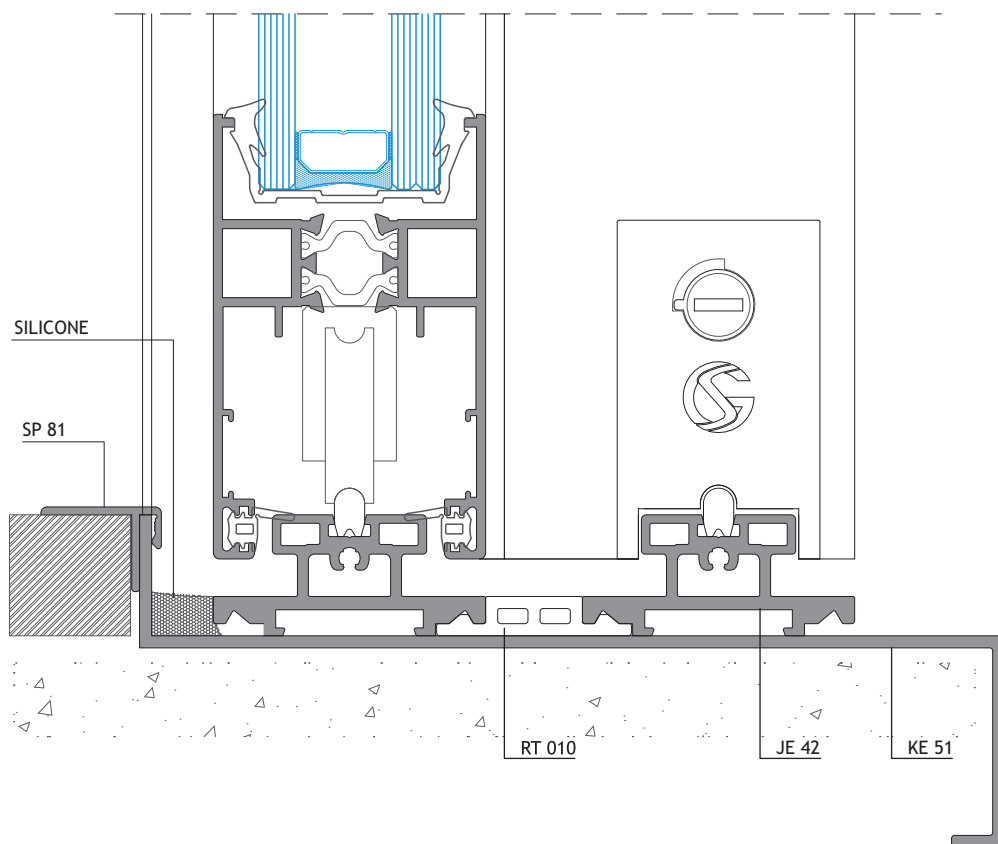
FENÊTRE COULISSANTE 2 VANTAOX AVEC MOUSTIQUAIRE PAR L'ÉXTERIEUR



PORMENORES DE SOLEIRAS COM O PERFIL JE 42

SILL DETAILS WITH PROFILE JE 42

DÉTAILS DE SUIL AVEC PROFILE JE 42

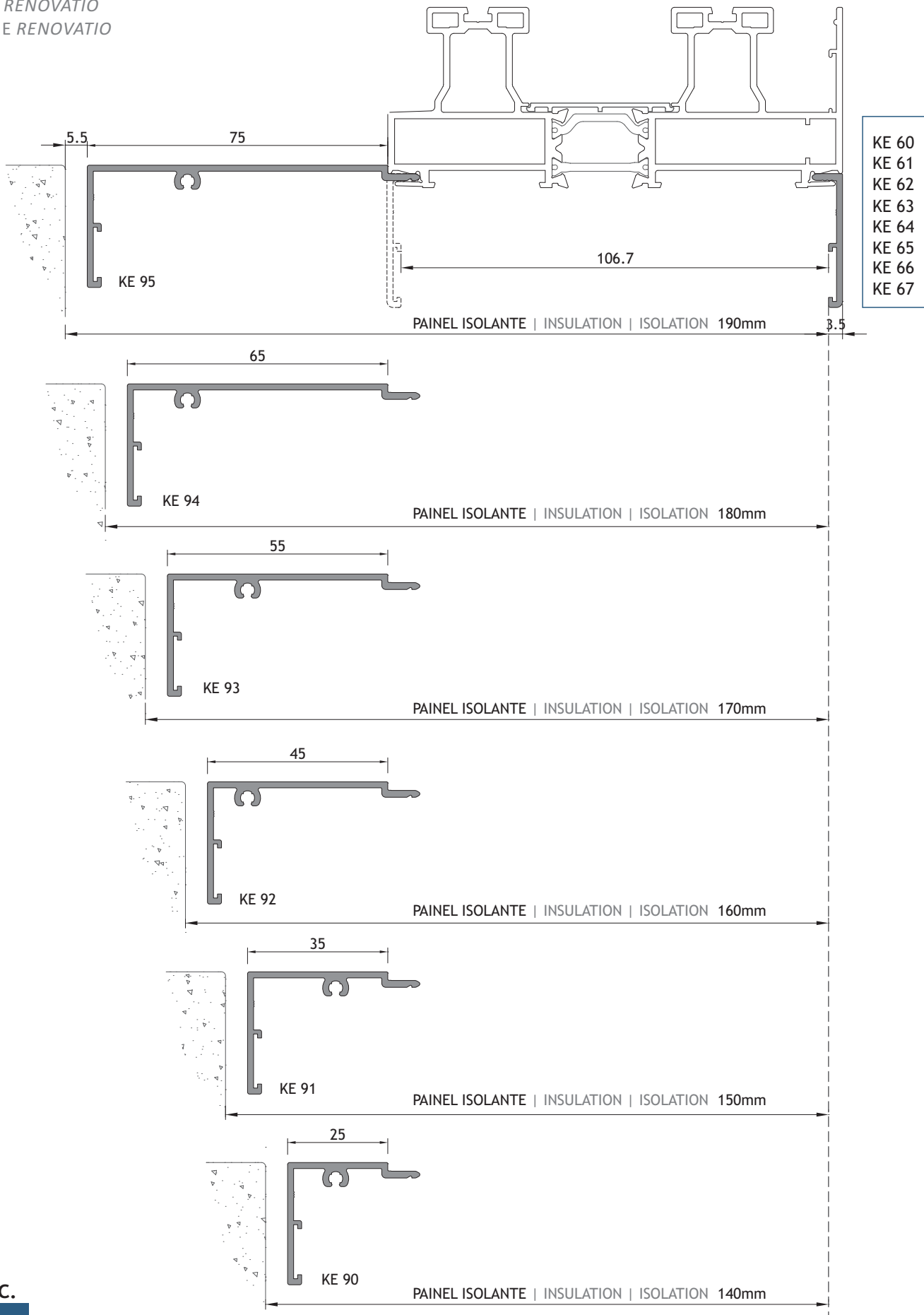


S/ESC.



LINHA RENOVATIO

LINE RENOVATIO
LIGNE RENOVATIO



- KE 60
- KE 61
- KE 62
- KE 63
- KE 64
- KE 65
- KE 66
- KE 67

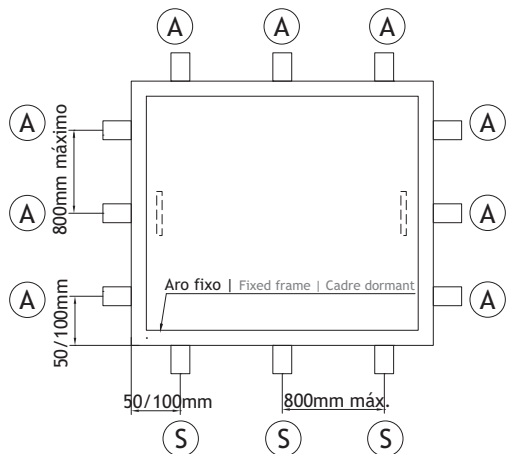


LINHA RENOVATIO - PAINEL DE 140mm - PORMENOR DE APLICAÇÃO DE ACORDO COM AVIS TECHNIQUE 6/18-2371-V1

LINE RENOVATIO - 140mm PANEL - APPLICATION DETAIL IN ACCORDANCE WITH AVIS TECHNIQUE 6/18-2371-V1

LIGNE RENOVATION - PANNEAU DE 140mm - DÉTAIL D'APPLICATION EN CONFORMITÉ AVEC AVIS TECHNIQUE 6/18-2371-V1

Peso máximo de vidro permitido: 35Kg/m²
 Maximum glass weight allowed: 35Kg/m²
 Poids maximum de verre autorisé: 35Kg/m²



A ÂNGULO FIXAÇÃO 100 ou 120mm
 FIXING ANGLE 100 or 120mm
 ANGLE DE FIXATION 100 ou 120mm

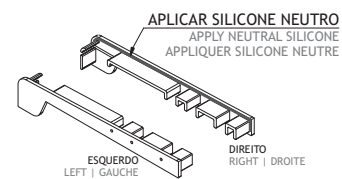
S SUPORTE FIXAÇÃO 100 ou 120mm
 FIXING BRACKET 100 or 120mm
 SUPPORT DE FIXATION 100 ou 120mm

PARAFUSO DIN 7504 M A2 4,8x25
 SCREW
 VIS

CALÇO SEPARADOR
 SHIM
 CALE

PRESILHA M6x17mm
 CLAMP M6x17mm
 CLAMEAUX M6x17mm

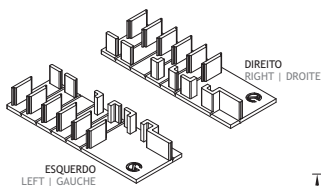
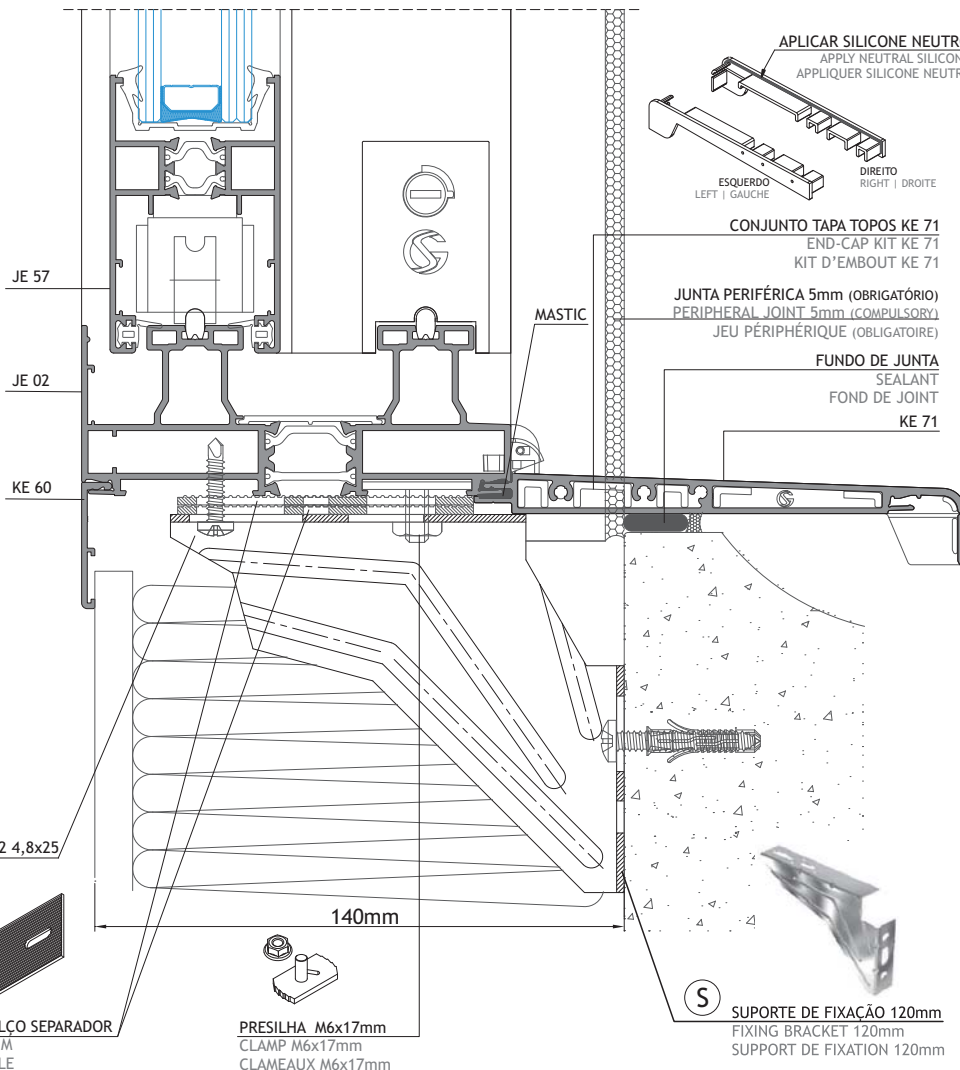
S SUPORTE DE FIXAÇÃO 120mm
 FIXING BRACKET 120mm
 SUPPORT DE FIXATION 120mm



CONJUNTO TAPA TOPOS KE 71
 END-CAP KIT KE 71
 KIT D'EMBOU KE 71

JUNTA PERIFÉRICA 5mm (OBRIGATÓRIO)
 PERIPHERAL JOINT 5mm (COMPULSORY)
 JEU PÉRIPHÉRIQUE (OBLIGATOIRE)

FUNDO DE JUNTA
 SEALANT
 FOND DE JOINT
 KE 71

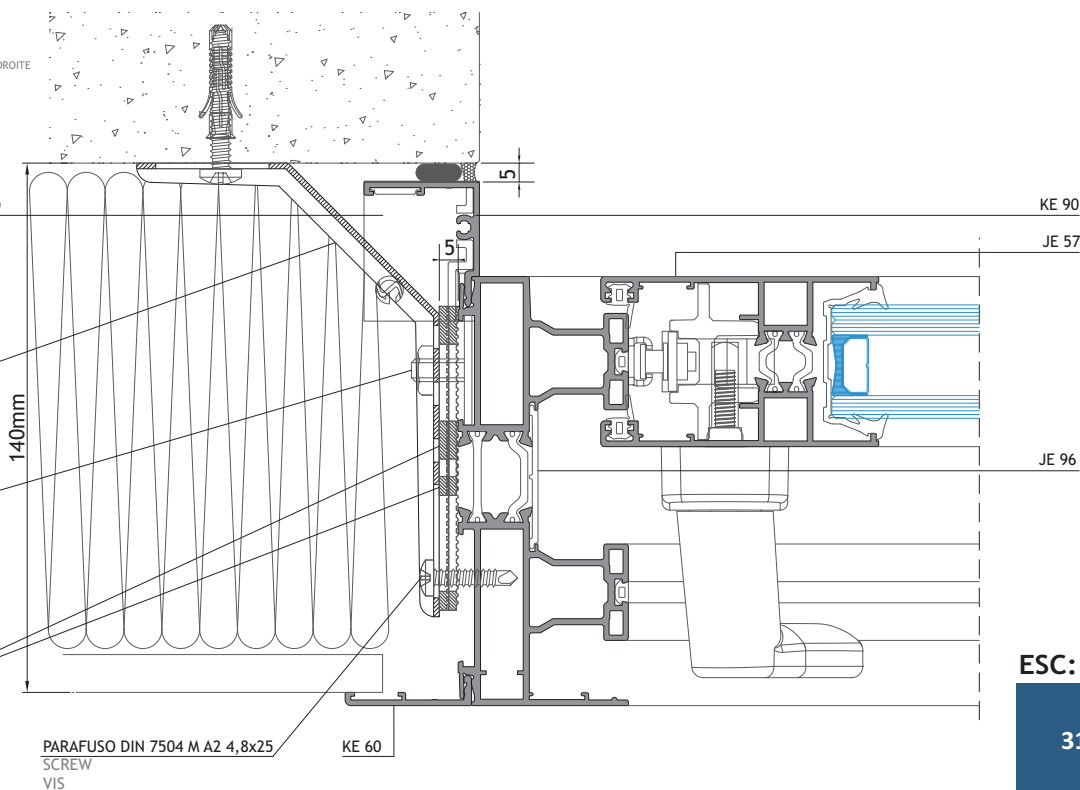


CONJUNTO TOPOS INFERIORES RENOVATIO
 LOWER END-CAP KIT RENOVATIO
 KIT D'EMBOU INFÉRIEUR RENOVATIO

A ÂNGULO FIXAÇÃO 120mm
 FIXING ANGLE 120mm
 ANGLE DE FIXATION 120mm

PRESILHA M6x17mm
 CLAMP M6x17mm
 CLAMEAUX M6x17mm

CALÇO SEPARADOR
 SHIM
 CALE



KE 90

JE 57

JE 96

PARAFUSO DIN 7504 M A2 4,8x25
 SCREW
 VIS

KE 60







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EURO 2000®
PERFIS DE ALUMÍNIO E VIDROS PARA ARQUITECTURA

ALFA SUL

EN Lisboa-Sintra Km 14
2725-397 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



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