

JE

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



Habitação Multifamiliar | Aveiro

CATÁLOGO TÉCNICO

TECHNICAL CATALOG | CATALOGUE TECHNIQUE





Habitação Unifamiliar | Madeira

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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 reponse a une architecture plus audacieuse qui ne dispense pas de la volumétrie a surmonter de grandes portees. Il se compose d'un système coulissant avec rupture de pont thermique améliorée (cadre fixe: polyamide 24mm / chassis mobile: polyamide 16mm), développé pour permettre son application non seulement dans la construction nouvelle mais aussi a la renovation des batiments.

APRESENTAÇÃO

PRESENTATION | PRÉSENTATION

Reta | Straight | Droite

DIMENSÕES

DIMENSIONS | DIMENSIONS

Aro fixo | Fixed frame | Cadres dormant: 1Rail: 81mm
2Rail: 106mm | 114mm | 121mm
3Rail: 175mm | 182mm
4Rail: 236mm
Aro móvel | Mobile frame | Cadres ouvrants: 45mm

ENCHIMENTO

FILLING | REPLISSAGE

De 24 a 35mm | From 24 to 35mm | De 24 à 35mm

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

Aro fixo | Fixed frame | Cadres dormant: 24mm
Aro móvel | Mobile frame | Cadres ouvrants: 16mm

UNIÕES

JOINTS | UNIONS

Esquadros de bloqueio | Corner cleats | Équerres d'angle

FERRAGENS

HARDWARE | ACESSOIRES

Sistema Elevador Multiponto | Multipoint Lifting System | Système Élévateur Multipoint
Sistema Multiponto de 300mm (2P), 600mm (2P) 1000mm (2P), 1800mm (4P) | Multipoint Lifting System 300mm (2P), 600mm (2P), 1000mm (2P), 1800mm (4P) | Système Élévateur Multipoint de 300mm (2P), 600mm (2P), 1000mm (2P), 1800mm (4P)

ABERTURAS

OPENINGS | OUVERTURES

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

PESO MÁXIMO

MAXIMUM WEIGHT | POIDS MAXIMALE

250 Kg/folha (JE normal) | 250 Kg/sash (JE normal) | 250 Kg/vantail (JE normal)
300 Kg/folha (JE elevável) | 300 Kg/sash (JE lifting) | 300 Kg/vantail (JE élévatoire)

ÁREA MÁXIMA

MAXIMUM AREA | AIRE MAXIMALE

5,00 m²/folha | sash | vantail

ALTURA MÁXIMA

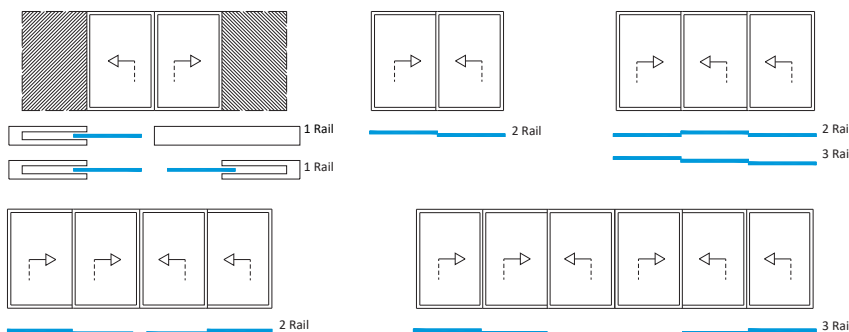
MAXIMUM HEIGHT | HAUTEUR MAXIMALE

2,80 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

Ensaios 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 - 1.475m x 1.225m 2 sashes window Fenêtre 2 vantaux Ensaio HIG336/09-ITeCons	3	7A	C5
Janela 2 folhas - 3.50m x 2.50m 2 sashes window Fenêtre 2 vantaux Ensaio 01/12 - LNEC/LEC	4	6A	B2
Janela 2 folhas - 2.20m x 2.25m 2 sashes door-window Porte fenêtre 2 vantaux Ensaio CSTB BV18-0164	 3	6B	C2
Janela 3 folhas - 3.30m x 2.25m 3 sashes door-window Porte fenêtre 3 vantaux Ensaio CSTB BV18-0164	 3	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 - 2.40m x 2.25m 2 sashes door-window Porte fenêtre 2 vantaux Ensaio CSTB BV18-0165	 3	Esforços de manobra Maneuvering efforts Efforts de manoeuvres Estudo da variação do comportamento em relação a 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 - 2.198m x 2.24m 2 sashes window Fenêtre 2 vantaux Ensaio CSTB BV18-0235	 3	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_V2

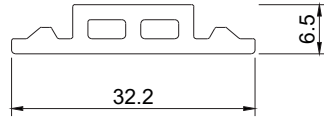
Relatório Estudo Térmico nº. CSTB BV18-0274 Thermal study report Rapport d'Etude Thermique				
	Ug = W / (m² K)	Uw = W / (m² K)		
		Alumínio Aluminium Aluminium	NF EN ISO 10077-1	TGI
Aro fixo Fixed frame Dormant - JE 02 + JE 96 Aro móvel Mobile frame Ouvrant - JE 57 Aro central Central frame Chicane - JE 57 + JE 14 + 208300				
Janela 2 folhas - 1.53m x 1.48m (LxH) 2 sashes 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 Ouvrant - JE 57 Aro central Central frame Chicane - JE 57 + JE 25 + JE 14 + 208300				
Janela 2 folhas - 1.53m x 1.48m (LxH) 2 sashes 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 Ouvrant - JE 57 Aro central Central frame Chicane - JE 57 + JE 25 + JE 14 + 208300				
Janela 2 folhas - 2.35m x 2.18m (LxH) 2 sashes window Fenêtre 2 vantaux	1,0	2,1	2,1	2,0
	1,1	2,2	2,2	2,1



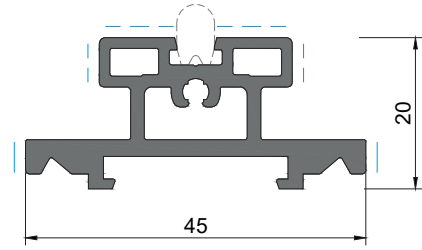
Habitação Multifamiliar | Estoril



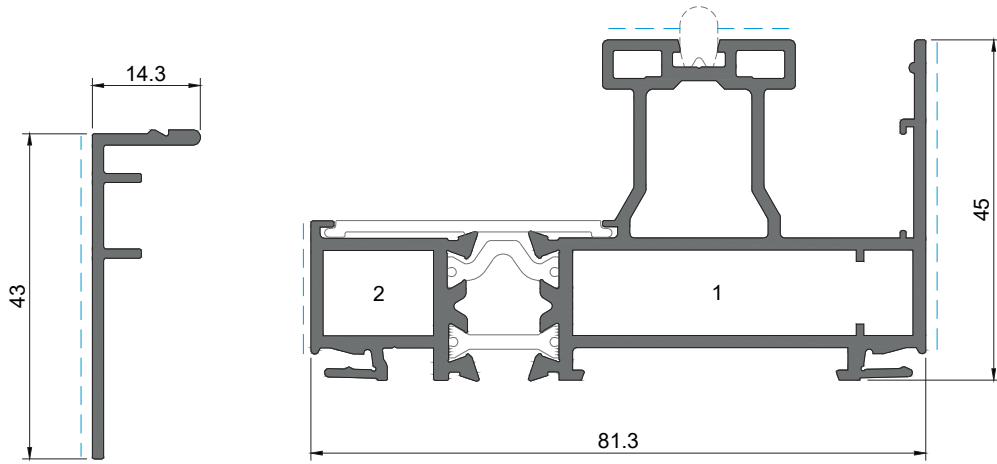
LISTAGEM DE PERFIS
PROFILES LIST | LISTE DES PROFILÉS



RT 010
Perfil complementar (EPDM 90 Shore)
Complementary profile | Profilé complémentaire

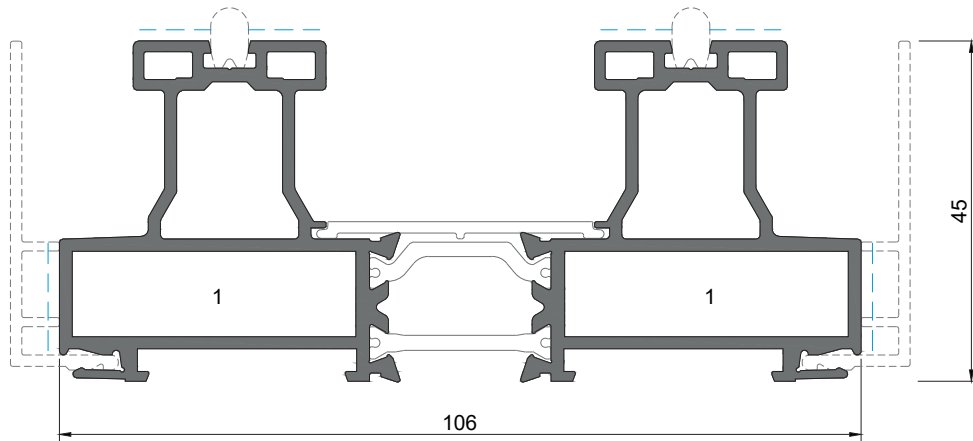


JE 42
Aro Fixo
Fixed frame | Cadre dormant



JE 64
Aro Fixo 1rail
1rail fixed frame | Cadre dormant 1rail

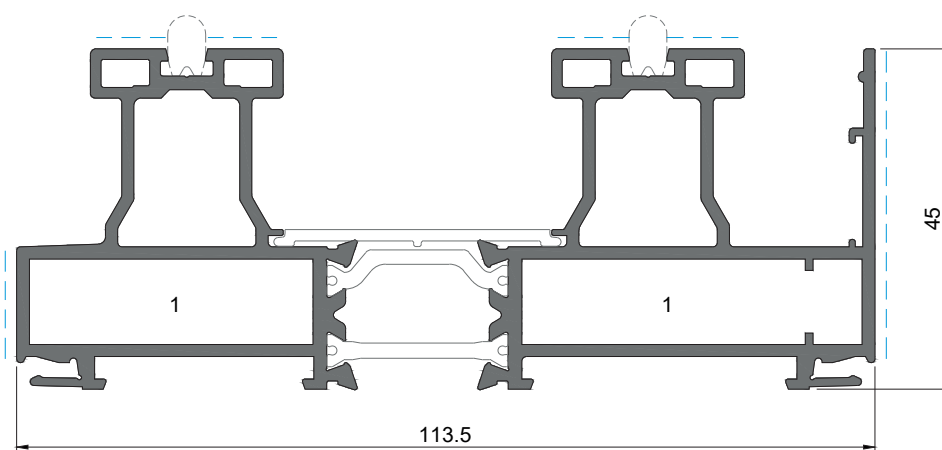
JE 80
Perfil pingadeira
Drip profile | Larmier



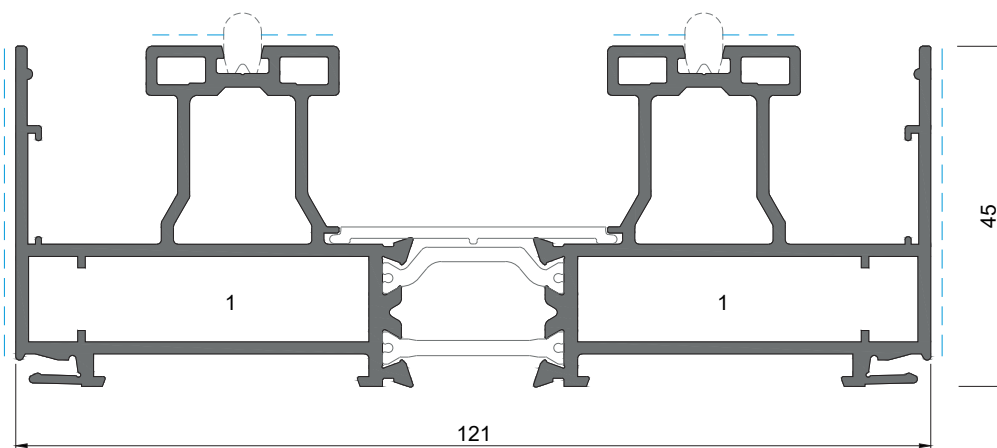
JE 01
Aro Fixo 2rail
2rail fixed frame | Cadre dormant 2rail

- 1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

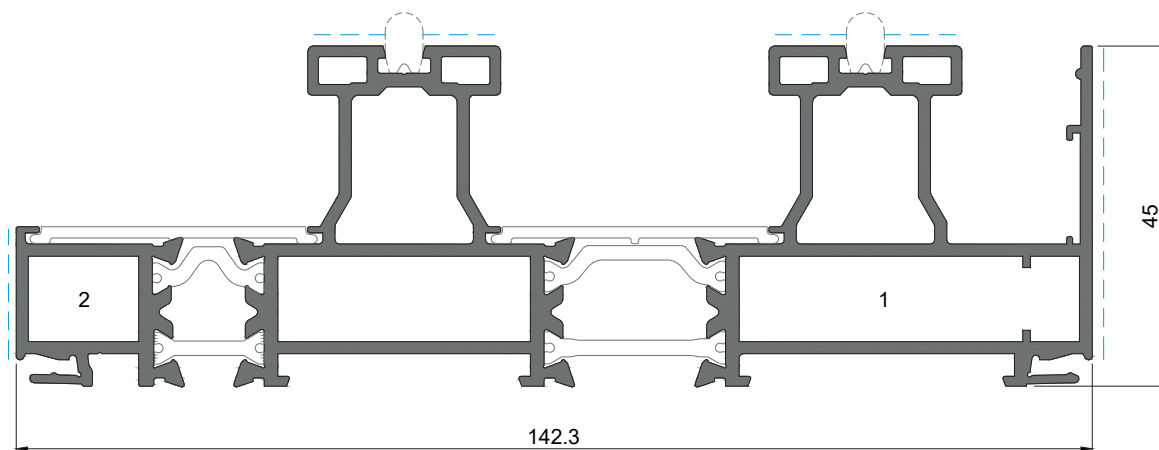
- 2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C



JE 02
Aro Fixo 2rail
2rail fixed frame | Cadre dormant 2rail



JE 05
Aro Fixo 2rail
2rail fixed frame | Cadre dormant 2rail

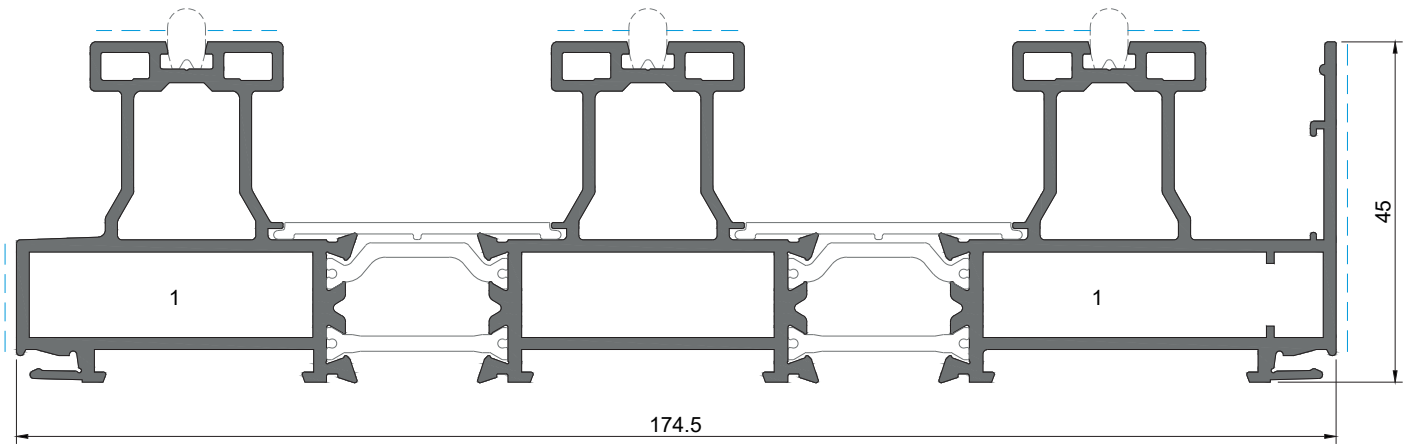


JE 75
Aro Fixo 2rail
2rail fixed frame | Cadre dormant 2rail

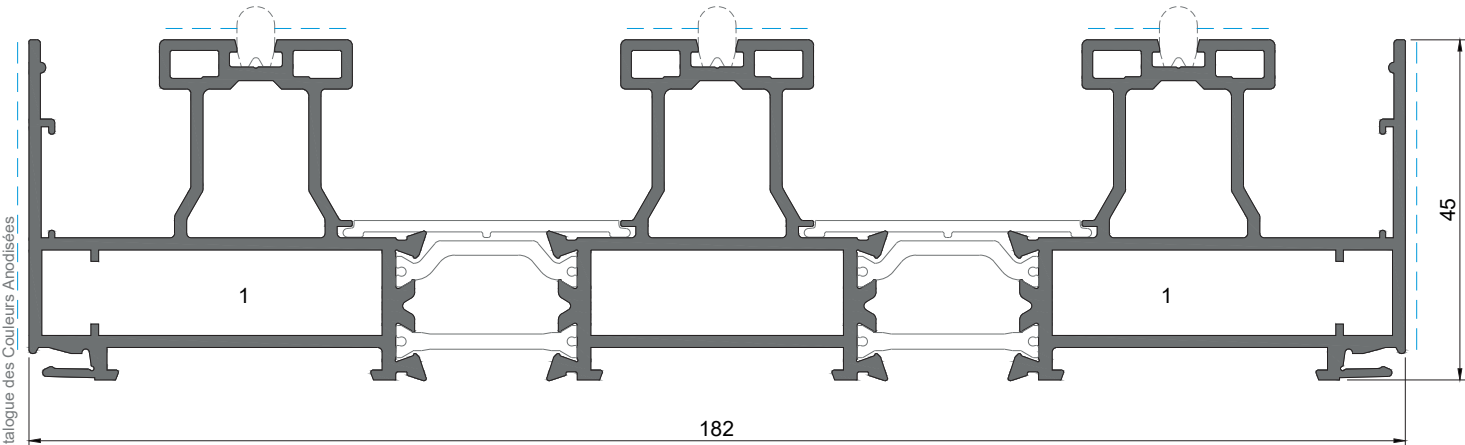
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C

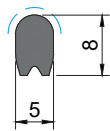
Treatamento de superfície | Surface treatment | Traitement de surface
PB | PPM | EFM | EEM
Para mais informações, consultar Catálogo de Cores Anodizadas
For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées



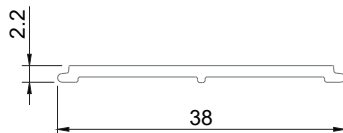
JE 73
Aro Fixo 3rail
3rail fixed frame | Cadre dormant 3rail



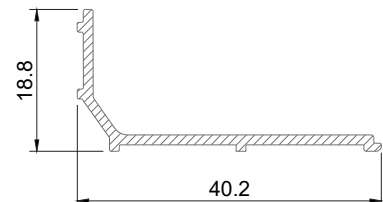
JE 72
Aro Fixo 3rail
3rail fixed frame | Cadre dormant 3rail



PE 91
Guia
Guide | Guide



JE 96
Perfil poliamida
Polyamide profile | Profilé de polyamide

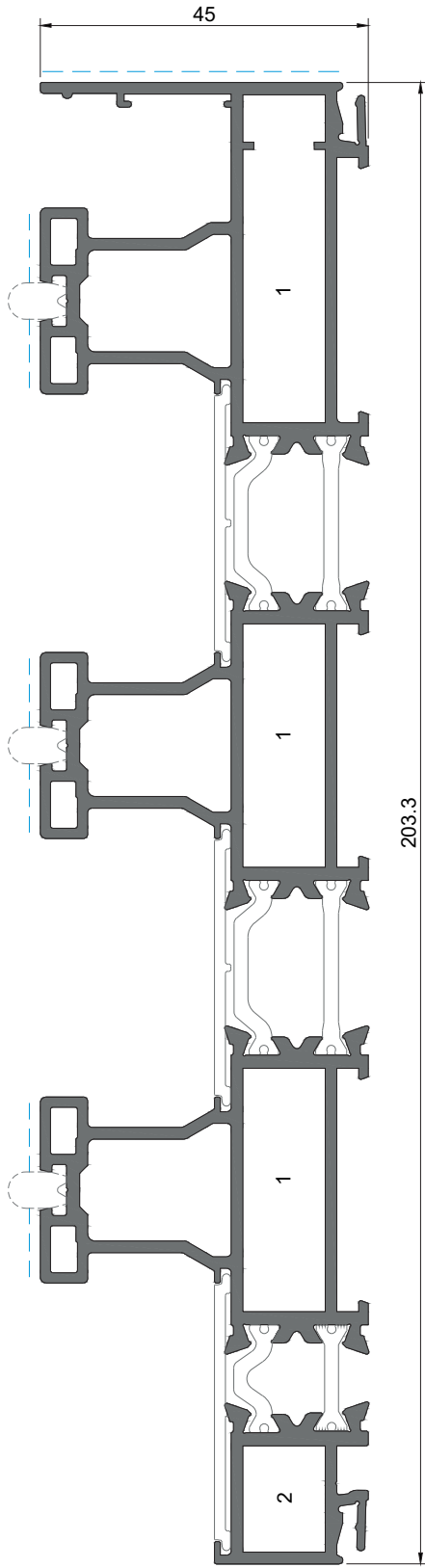


JE 98
Perfil em PVC
PVC profile | Profilé em PVC

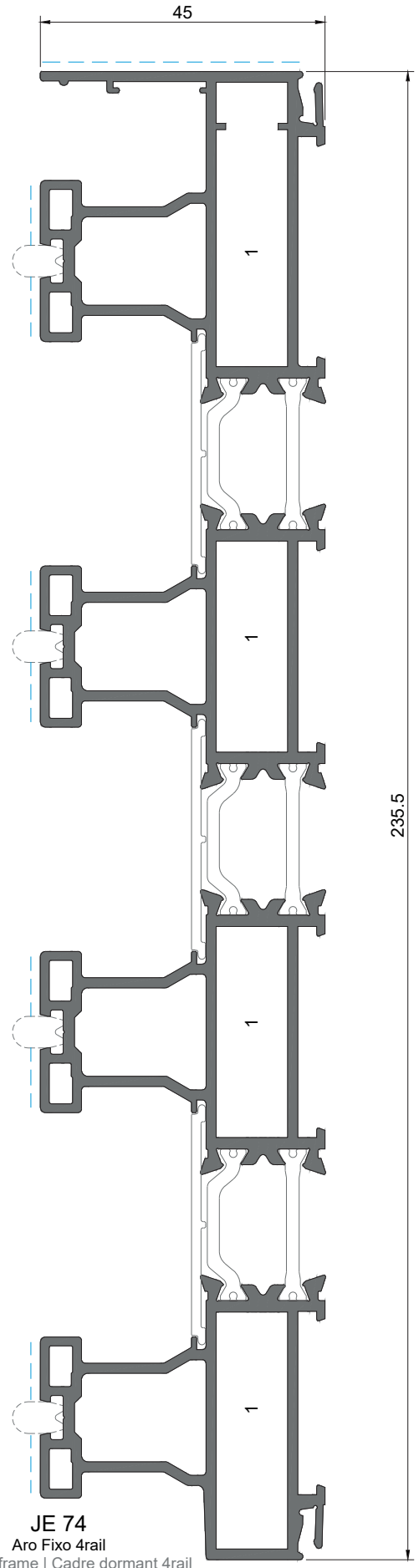
Acabamentos: Anodizado natural ou preto
Finishings: Natural or black anodised
Finitions: Anodisé naturel ou noir

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C



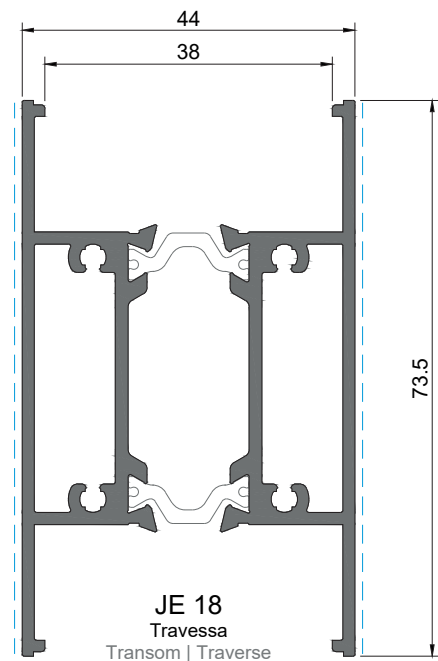
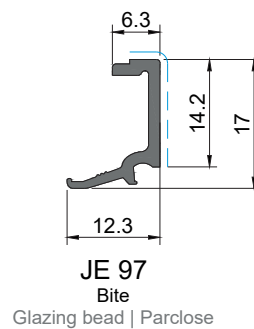
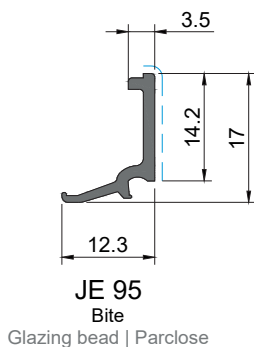
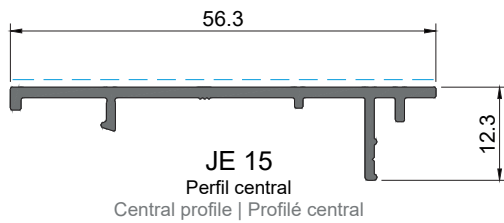
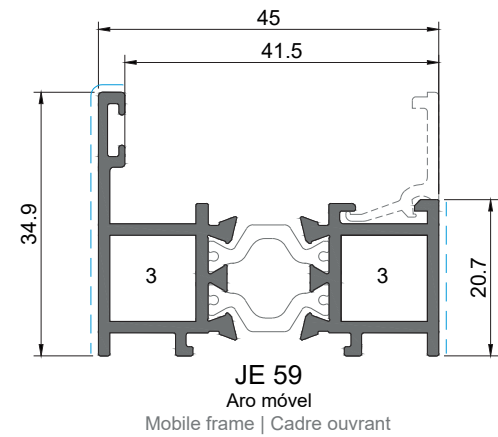
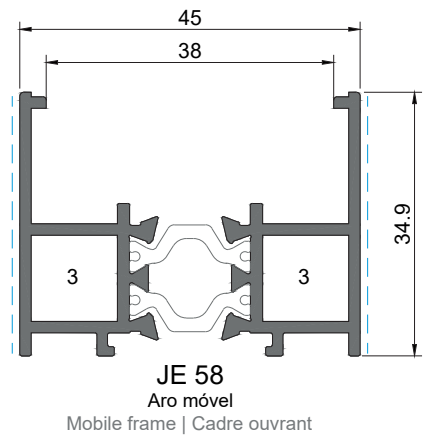
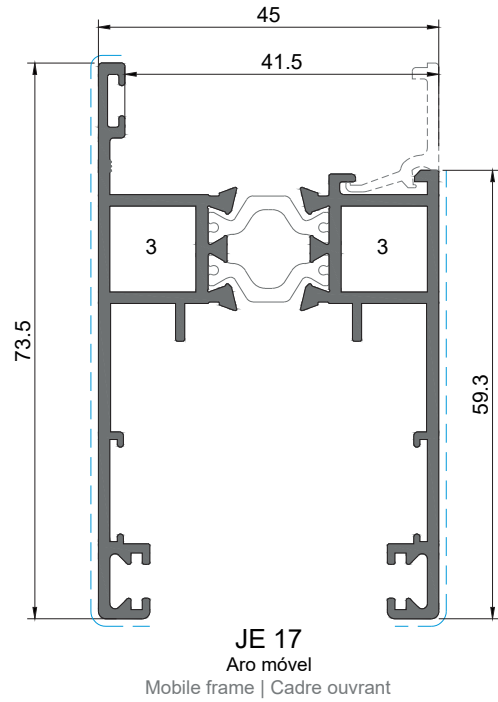
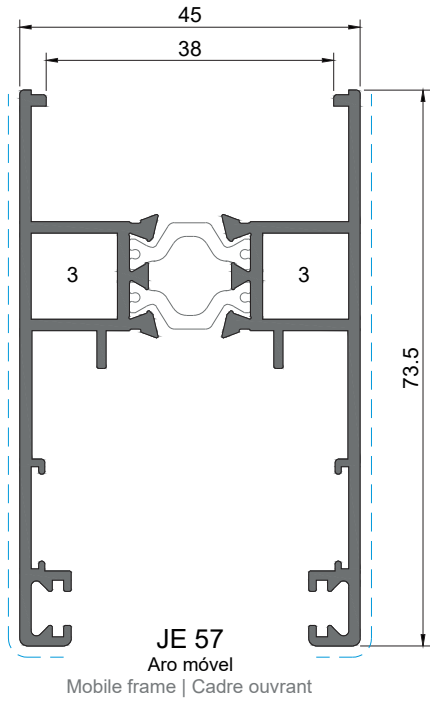
JE 76
Aro Fixo 3-rail
3-rail fixed frame | Cadre dormant
3-rail



JE 74
Aro Fixo 4rail
4rail fixed frame | Cadre dormant 4rail

- 1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

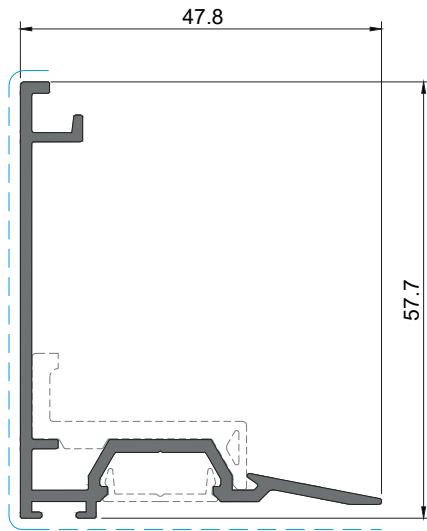
- 2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C



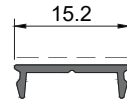
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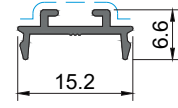
Treatmento de superficie | Surface treatment | Traitement de surface
PB | PFM | EF | EM
PB | PFM | EF | EM
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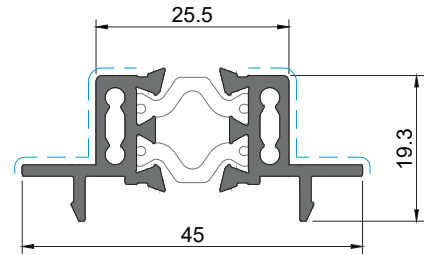
JE 14
Perfil central
Central profile | Profilé central



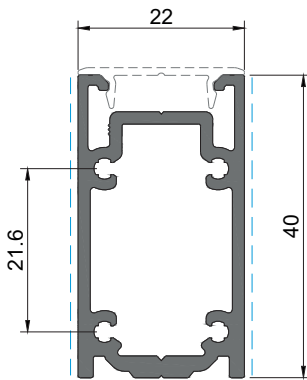
AT 30
Tampa
Cover | Capot



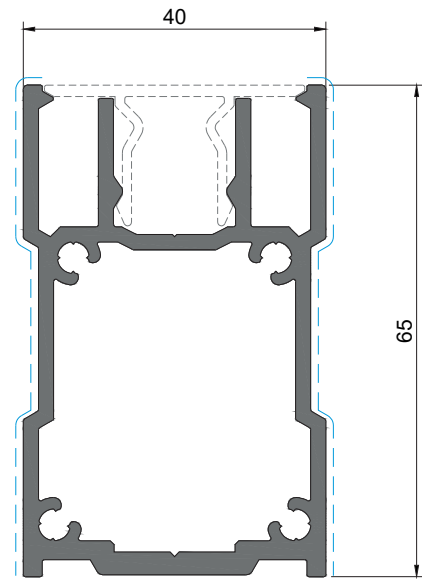
JE 30
Perfil complementar
Complementary profile | Profilé complémentaire



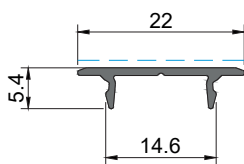
JE 27
Perfil ligação central
Central connecting profile | Profilé de liaison centrale



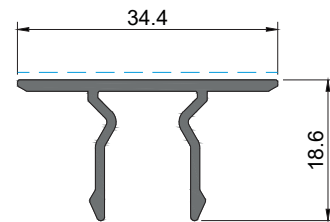
JE 35
Perfil de reforço
Reinforcement profile | Profilé de reinforcement



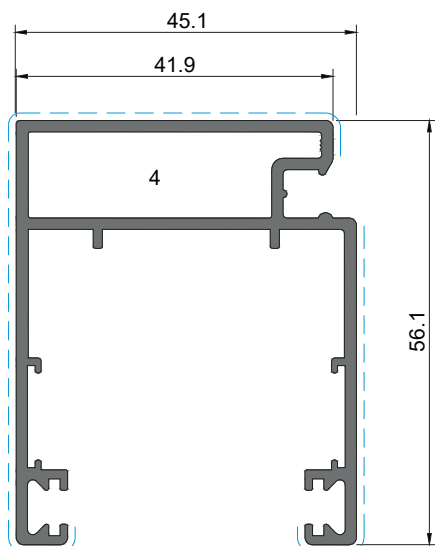
JE 25
Perfil de reforço
Reinforcement profile | Profilé de reinforcement



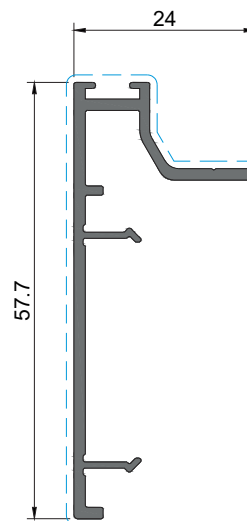
OS 30
Tampa
Cover | Capot



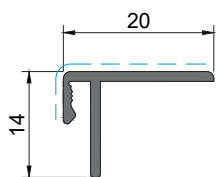
JE 26
Tampa
Cover | Capot



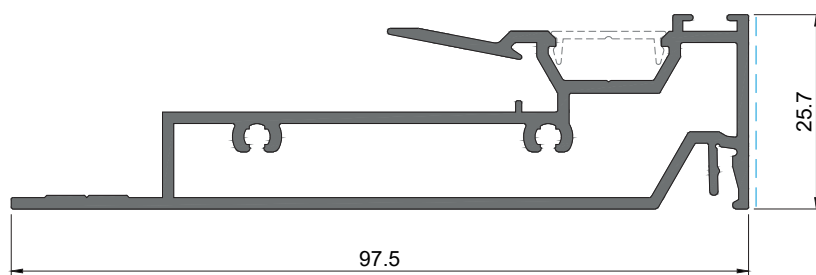
JE 47
Perfil mosquiteira
Flynet profile | Profilé pour mosquiteira



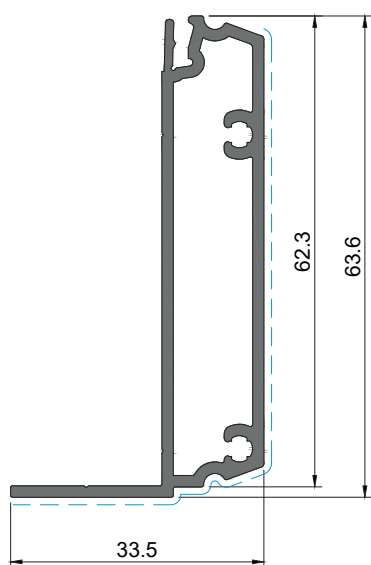
JE 48
Perfil mosquiteira
Flynet profile | Profilé pour mosquiteira



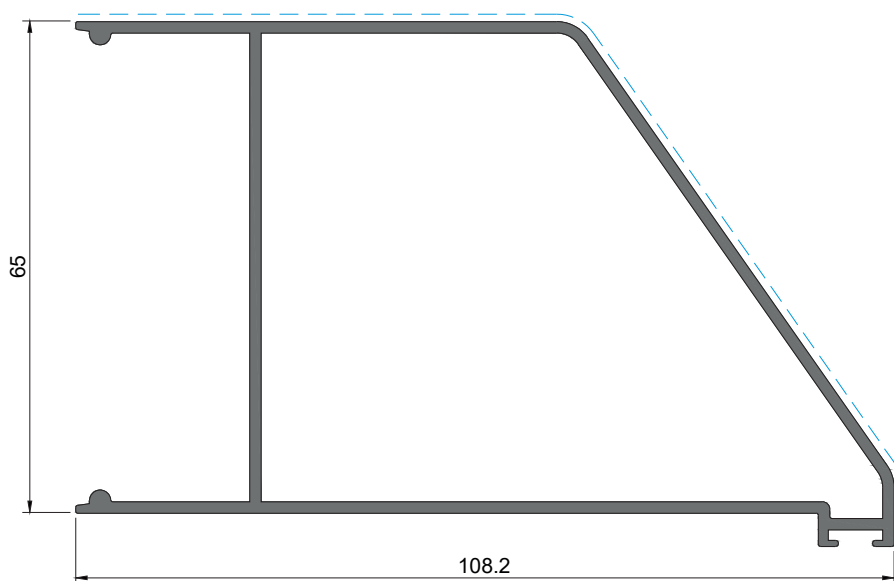
SP 81
Perfil complementar
Complementary profile | Profilé complémentaire



JE 61
Perfil complementar
Complementary profile | Profilé complémentaire



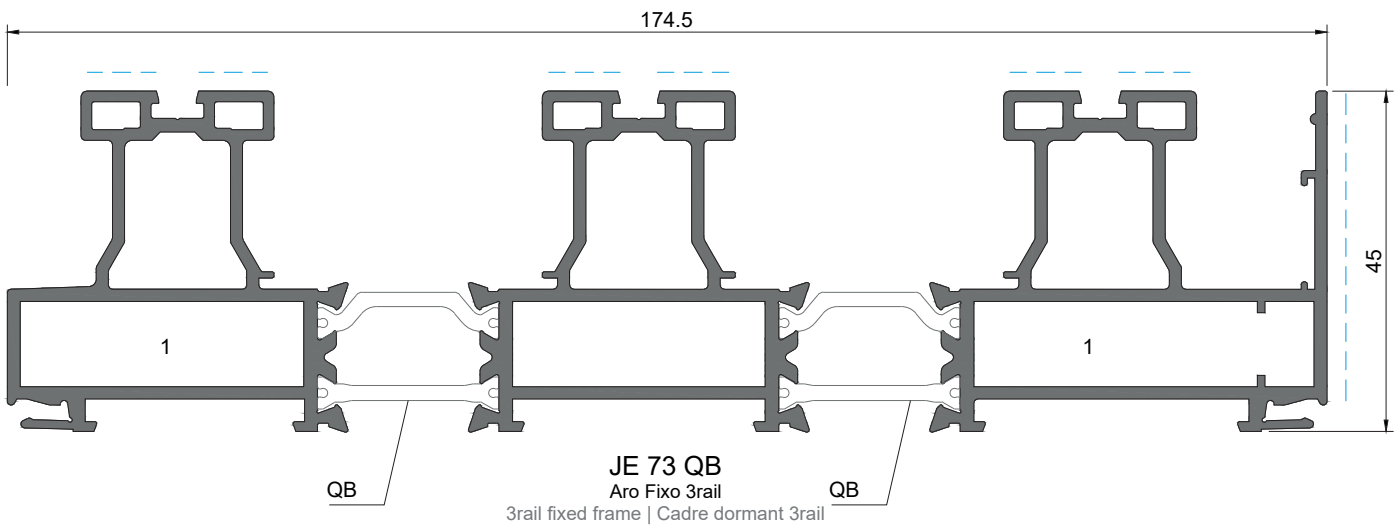
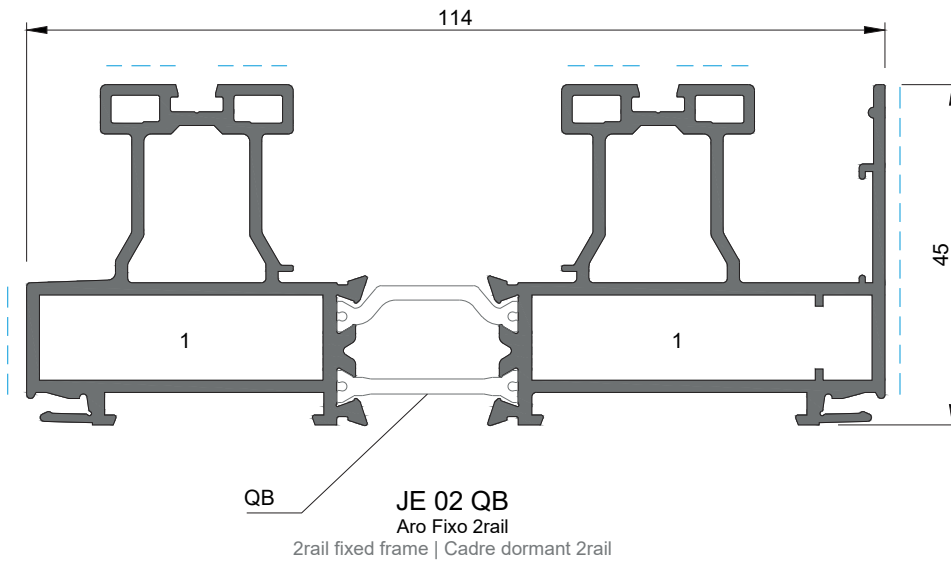
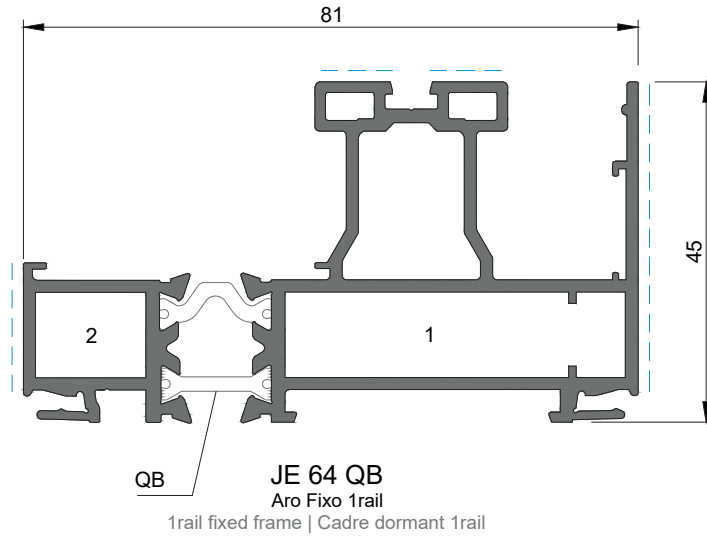
JE 62
Perfil complementar
Complementary profile | Profilé complémentaire



JE 63
Tampa
Cover | Capot

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

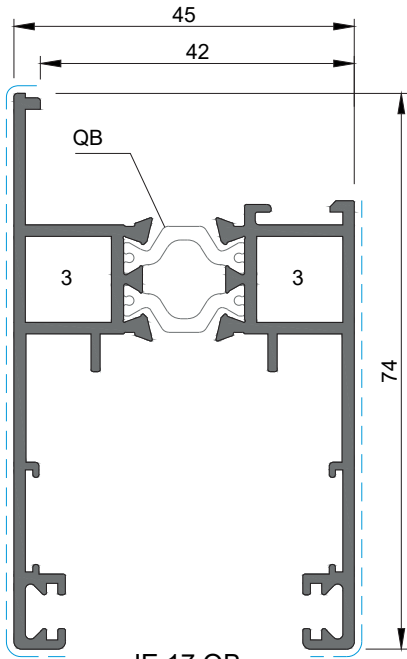
2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C



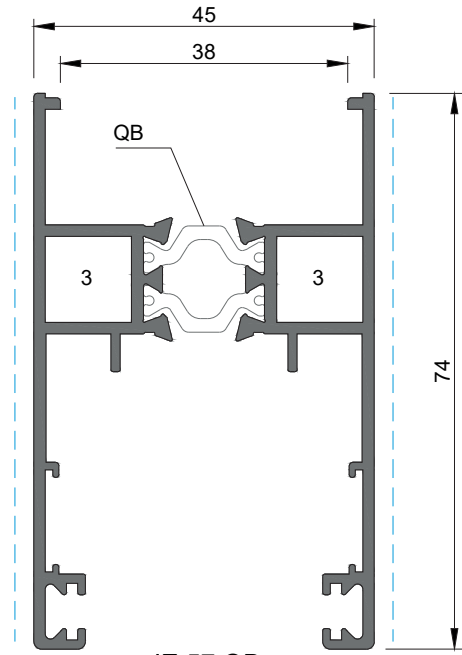
1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
 3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
 4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C

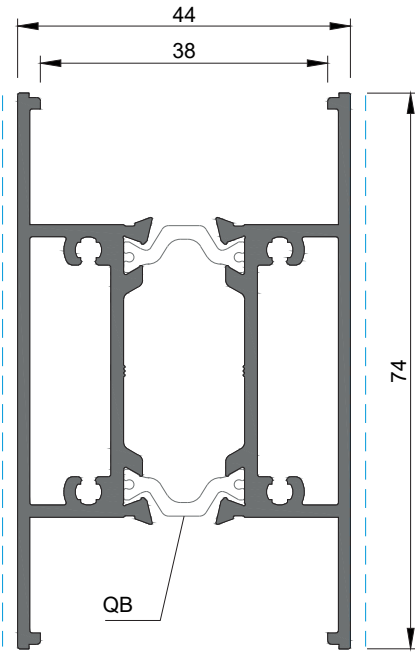
Treatamento de superfície | Surface treatment | Traitement de surface
 PB | PM | EF | EM
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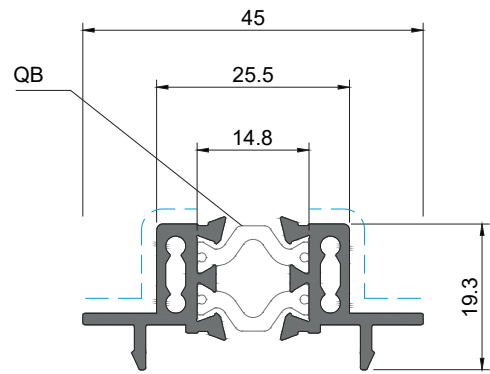
JE 17 QB
 Aro móvel
 Mobile frame | Cadre ouvrant



JE 57 QB
 Aro móvel
 Mobile frame | Cadre ouvrant



JE 18 QB
 Travessa
 Transom | Traverse



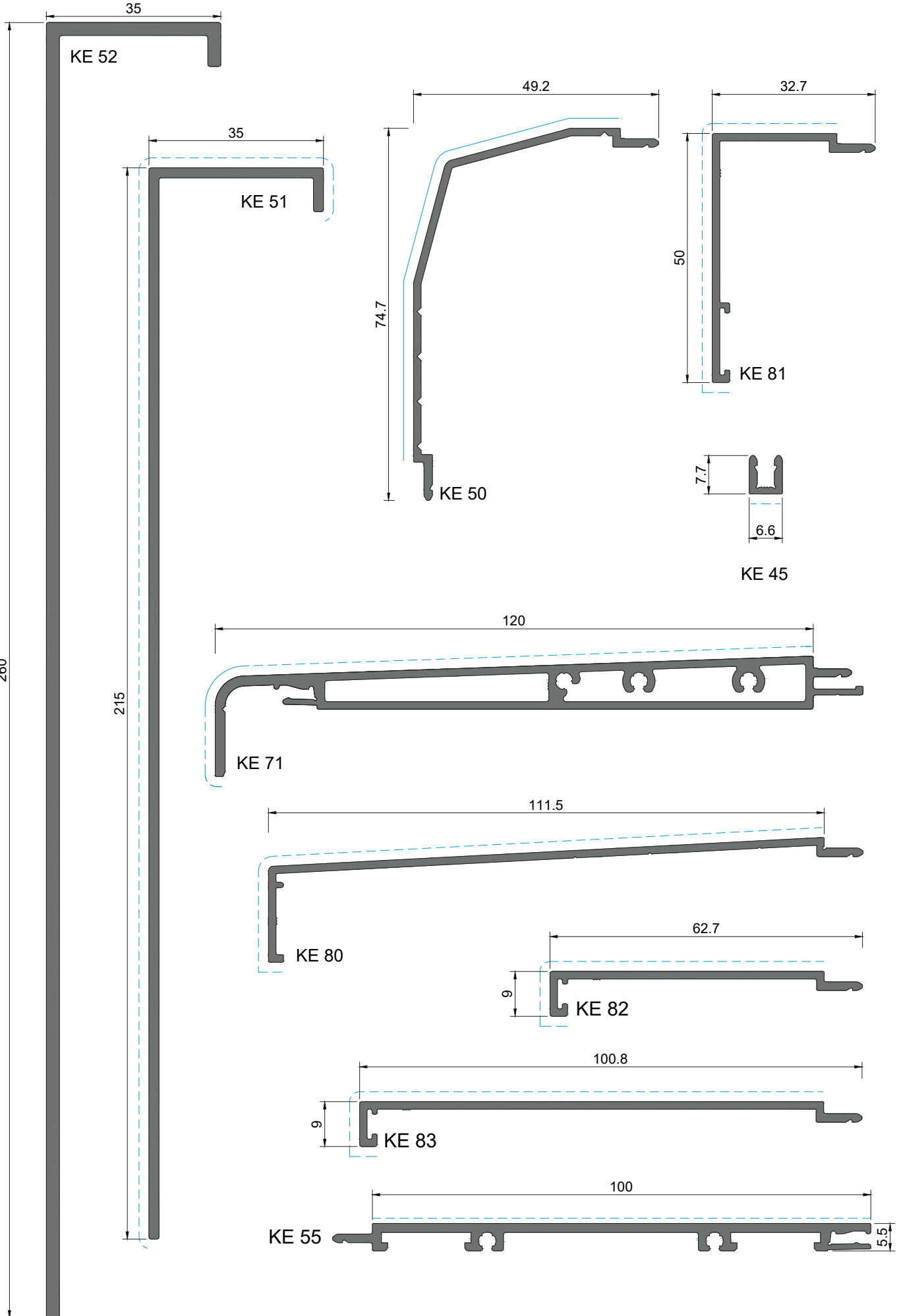
JE 27 QB
 Perfil ligação central
 Central connecting profile | Profilé de liaison centrale

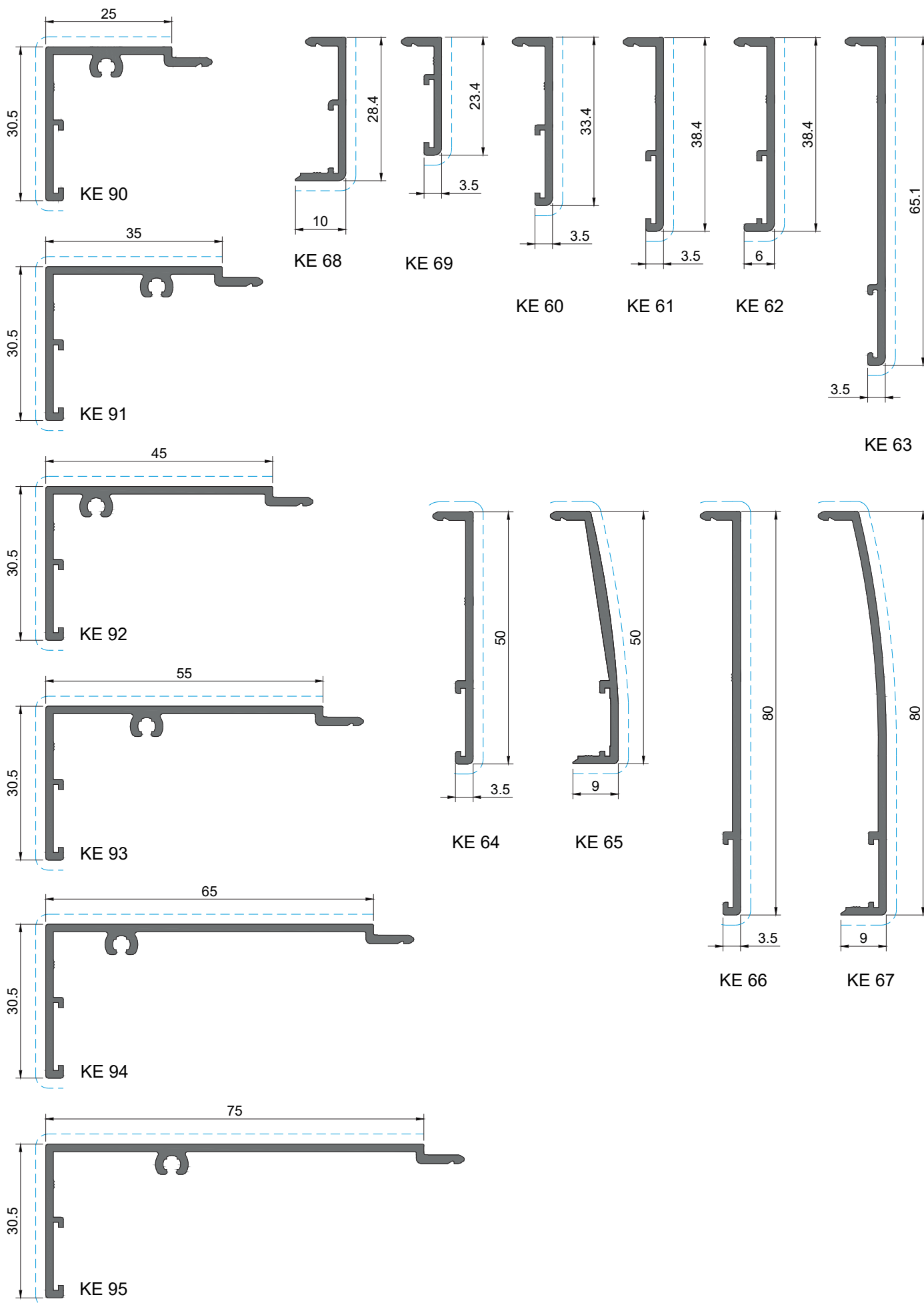
Treatmento de superficie | Surface treatment | Traitement de surface
 PB | PFM | EFM | IEM
 Para mais informações, consultar Catálogo de Cores Anodizadas
 For further information, consult the Anodised Colours Catalogue | Pour plus d'informations, veuillez consulter le Catalogue des Couleurs Anodisées

1 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3712-C
 3 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1112-C JE

2 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-1412-C
 4 - ESQUADRO | CORNER CLEAT | ÉQUERRE 18-3112-C

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





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



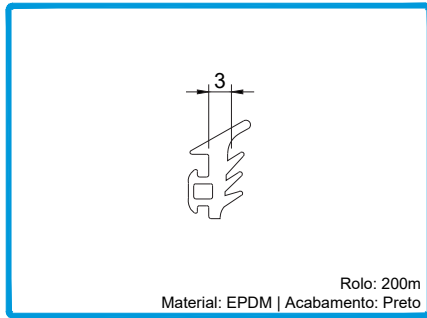
Habitação Unifamiliar | Madeira



LISTAGEM DE ACESSÓRIOS
ACCESSORIES LIST | LIST D'ACCESSOIRES

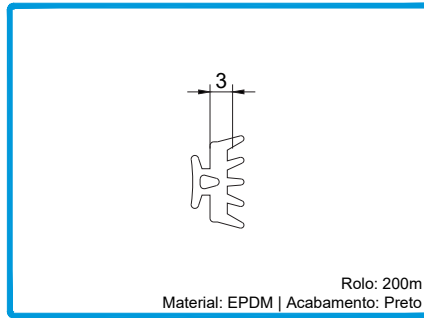
Juntas de vidro, vedantes e pelúcias

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



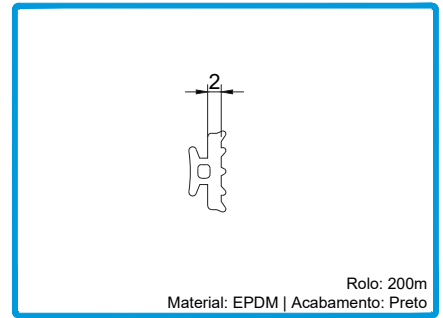
Rolo: 200m
Material: EPDM | Acabamento: Preto

208350 JUNTA DE VEDAÇÃO EXTERIOR 2003



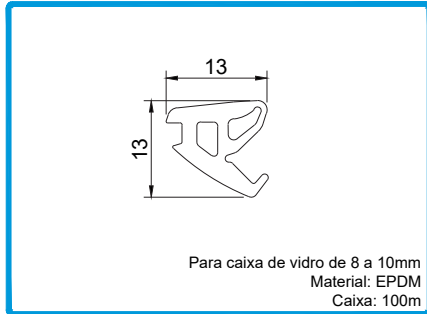
Rolo: 200m
Material: EPDM | Acabamento: Preto

208289 JUNTA DE BATENTE 2055



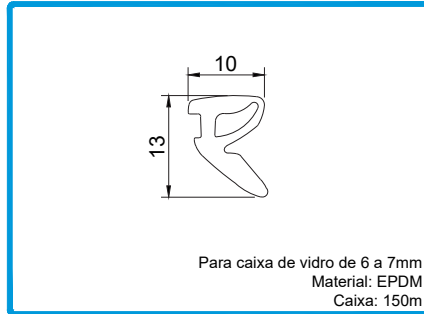
Rolo: 200m
Material: EPDM | Acabamento: Preto

208224 JUNTA VD 2072



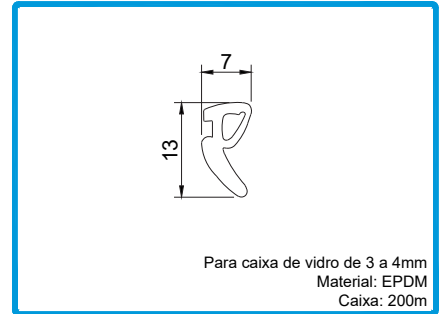
Para caixa de vidro de 8 a 10mm
Material: EPDM
Caixa: 100m

208912 JUNTA DE CUNHA RECORTADA 4193



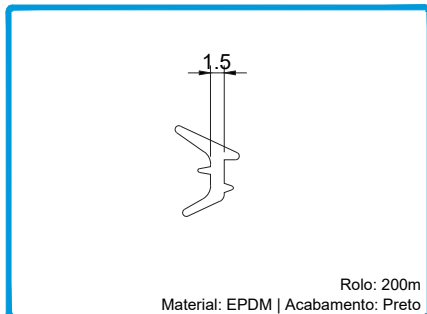
Para caixa de vidro de 6 a 7mm
Material: EPDM
Caixa: 150m

208913 JUNTA DE CUNHA RECORTADA 4194



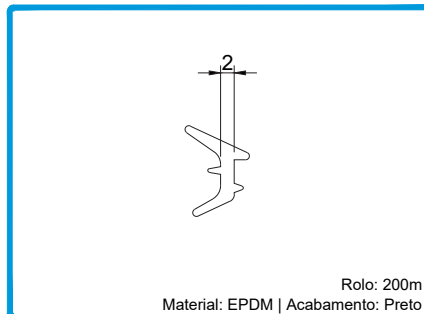
Para caixa de vidro de 3 a 4mm
Material: EPDM
Caixa: 200m

208914 JUNTA DE CUNHA RECORTADA 4195



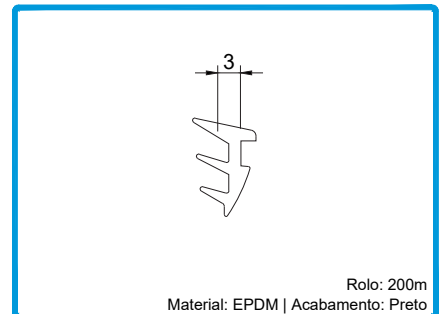
Rolo: 200m
Material: EPDM | Acabamento: Preto

208223 JUNTA DE CUNHA 1031



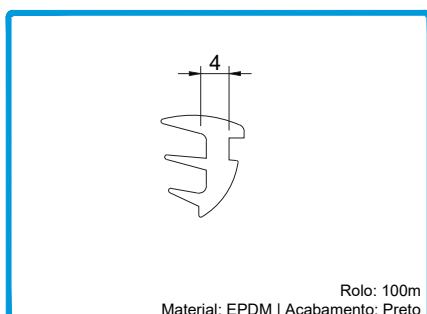
Rolo: 200m
Material: EPDM | Acabamento: Preto

208191 JUNTA DE CUNHA 2042



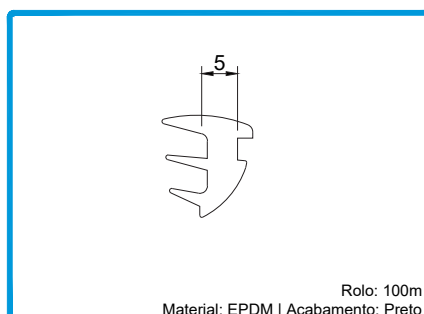
Rolo: 200m
Material: EPDM | Acabamento: Preto

208199 JUNTA DE CUNHA 2073



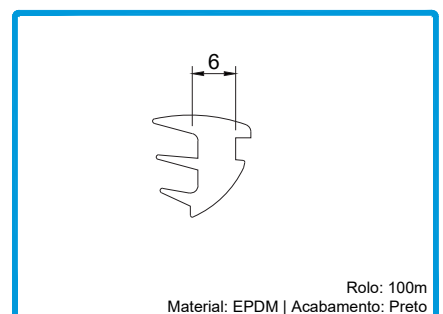
Rolo: 100m
Material: EPDM | Acabamento: Preto

208195 JUNTA DE CUNHA 2034



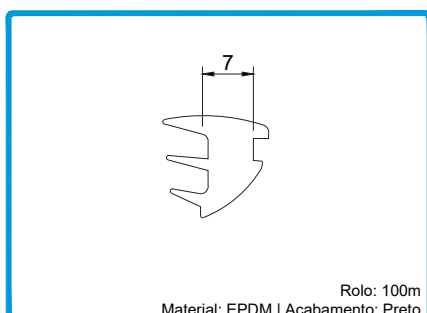
Rolo: 100m
Material: EPDM | Acabamento: Preto

208196 JUNTA DE CUNHA 2035



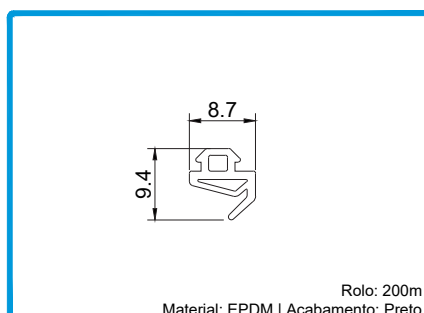
Rolo: 100m
Material: EPDM | Acabamento: Preto

208215 JUNTA DE CUNHA 2036



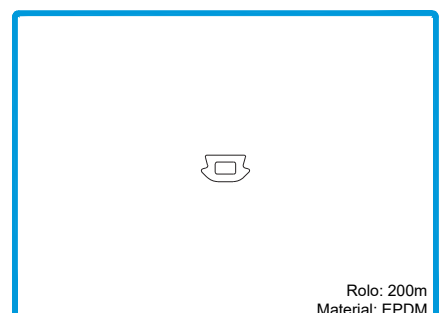
Rolo: 100m
Material: EPDM | Acabamento: Preto

208904 JUNTA DE CUNHA 2037



Rolo: 200m
Material: EPDM | Acabamento: Preto

208298 JUNTA DE ESTANQUICIDADE 2065

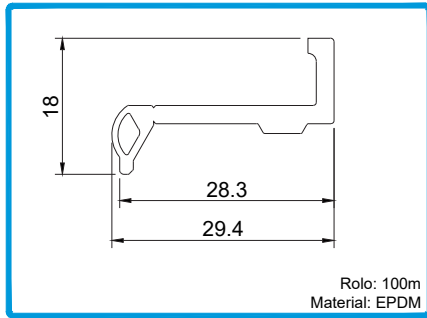


Rolo: 200m
Material: EPDM

208414 JUNTA TAPA-CANAL 2026

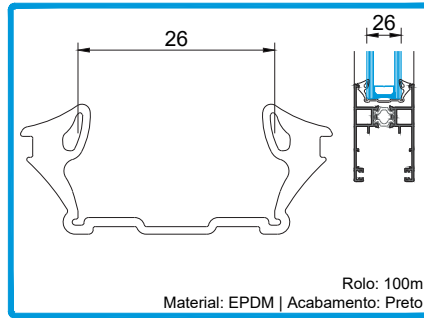
Juntas de vidro, vedantes e pelúcias

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



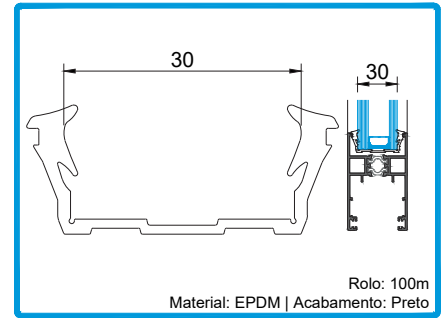
Rolo: 100m
Material: EPDM

208300 JUNTA CENTRAL 2096



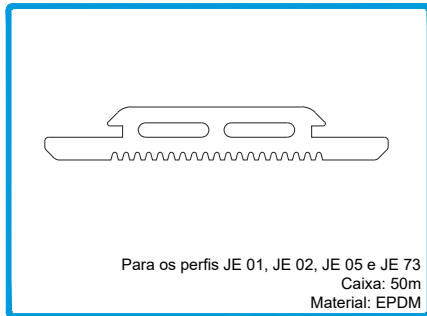
Rolo: 100m
Material: EPDM | Acabamento: Preto

208141 JUNTA DE VIDRO 2081 CX 26MM



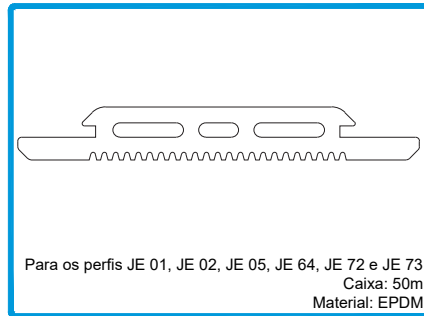
Rolo: 100m
Material: EPDM | Acabamento: Preto

208299 JUNTA DE VIDRO U 2066 CX 30MM



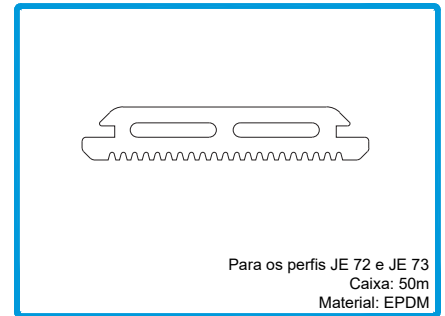
Para os perfis JE 01, JE 02, JE 05 e JE 73
Caixa: 50m
Material: EPDM

208909 JUNTA VD 2086



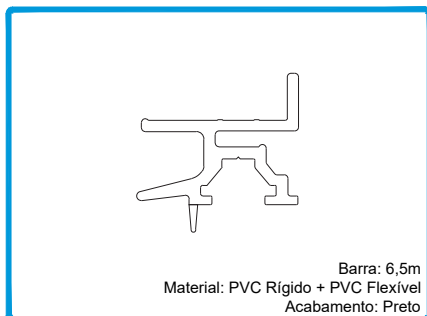
Para os perfis JE 01, JE 02, JE 05, JE 64, JE 72 e JE 73
Caixa: 50m
Material: EPDM

208910 JUNTA VD 2087



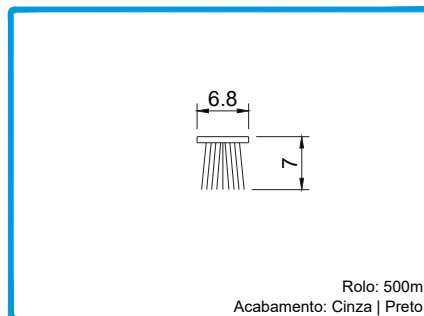
Para os perfis JE 72 e JE 73
Caixa: 50m
Material: EPDM

208911 JUNTA VD 2088



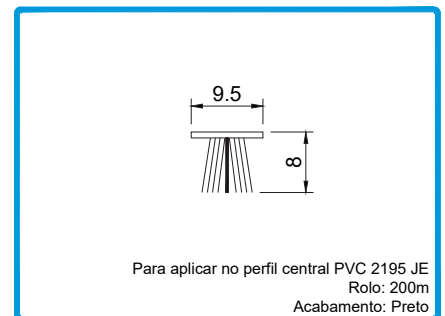
Barra: 6,5m
Material: PVC Rígido + PVC Flexível
Acabamento: Preto

215401 PERFIL CENTRAL PVC 2195 JE



Rolo: 500m
Acabamento: Cinza | Preto

208460 JUNTA PELÚCIA 7x7 STOP-FIN



Para aplicar no perfil central PVC 2195 JE
Rolo: 200m
Acabamento: Preto

208474 PELÚCIA 9,5x8 8P QF

Acessórios de estanqueidade

Watertightness accessories | Accessoires d'étanchéité



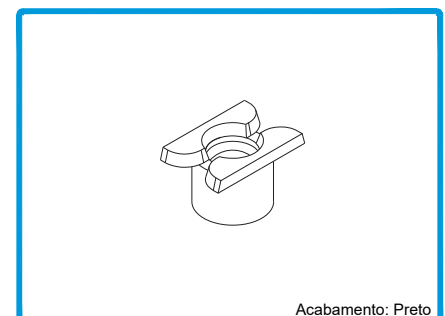
Acabamentos: Branco e Preto

210268 GOTEIRA C/ VÁLV. SVE



Acabamentos: Branco e Preto

210280 GOTEIRA SOS C/VÁLVULA

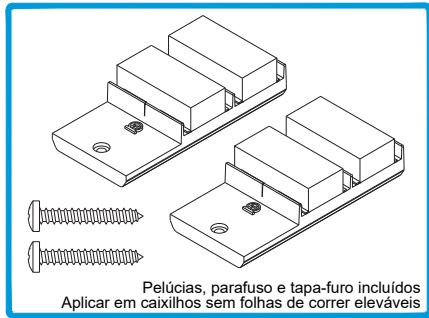


Acabamento: Preto

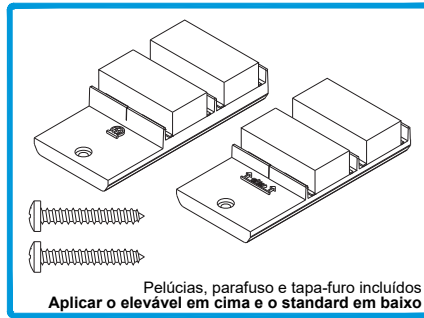
210265 GOTEIRA C/ VÁLV. BOLA

Acessórios de estanqueidade

Watertightness accessories | Accessoires d'étanchéité



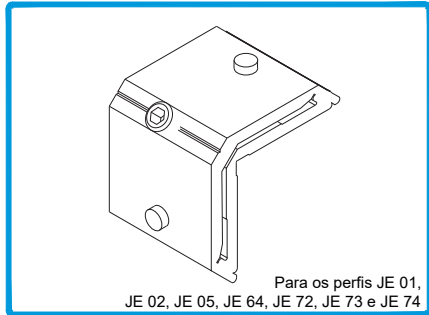
223073 KIT CORTA-VENTOS ESP. JE



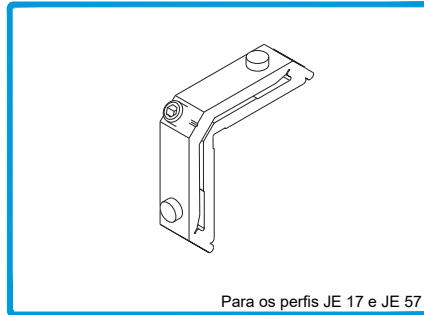
223104 KIT CORTA-VENTOS ESP. ELEVATÓRIA JE

ACESSÓRIOS PARA OS AROS

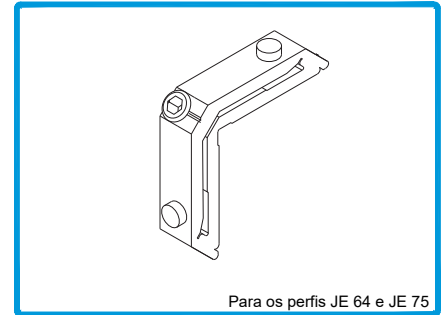
FRAME ACCESSORIES | ACCESSOIRES POUR LES CADRES



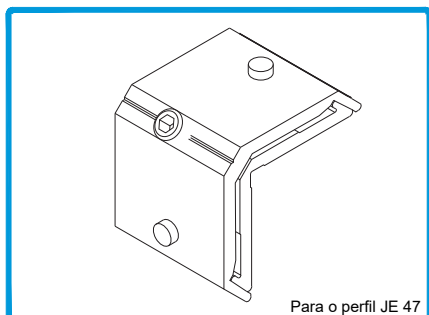
204155 ESQUADRO 18-3712-C



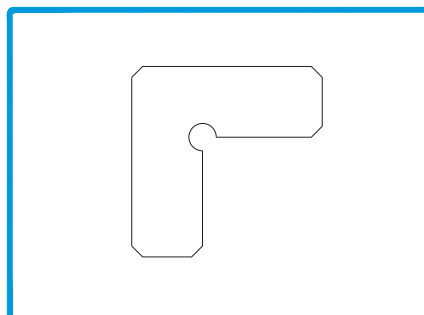
204901 ESQUADRO 18-1112-C



204851 ESQUADRO 18-1412-C



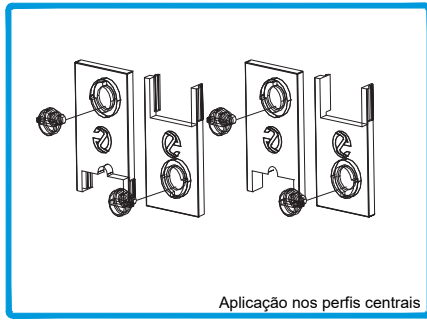
204149 ESQUADRO 18-3112-C



213246 CANTO CR S/SB

Acessórios para aros móveis

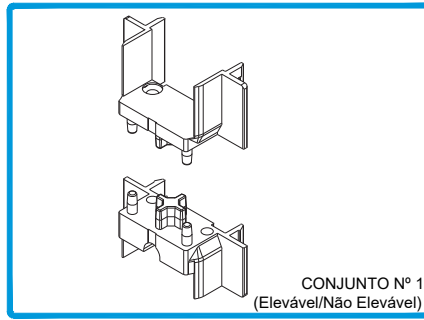
Mobile frames accessories | Accessoires pour cadres ouvrants



Aplicação nos perfis centrais

212102

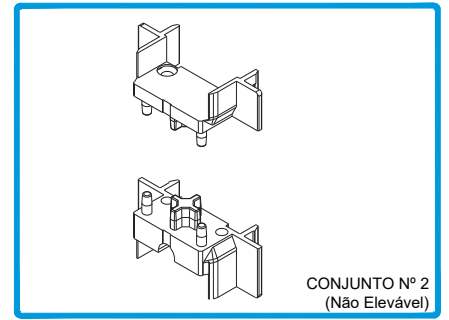
CONJUNTO GUIAS JE



CONJUNTO Nº 1
(Elevável/Não Elevável)

212051

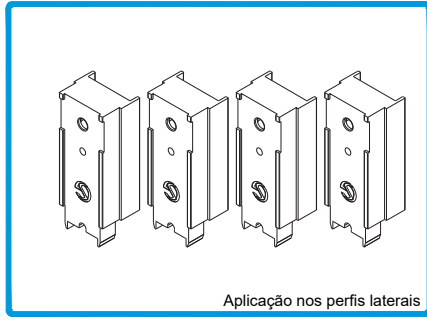
CONJUNTO Nº1 TOPO JE 27 (3 / 4 FOLHAS Elevável/Não Elevável)



CONJUNTO Nº 2
(Não Elevável)

212053

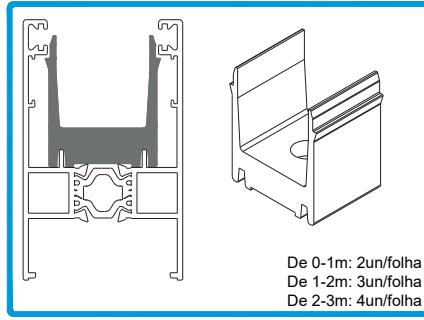
CONJUNTO Nº2 TOPO JE 27 (3 / 4 FOLHAS Não Elevável)



Aplicação nos perfis laterais

212056

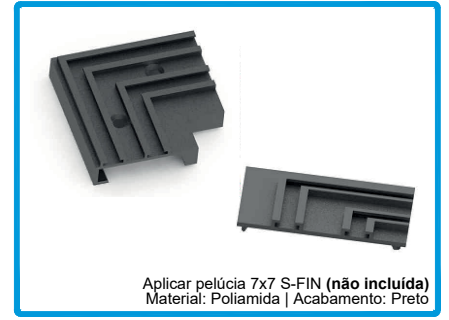
CONJUNTO GUIA COM AMORTECEDOR JE



De 0-1m: 2un/folha
De 1-2m: 3un/folha
De 2-3m: 4un/folha

207093

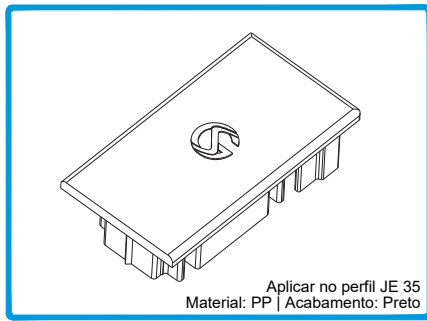
GUIA SUPERIOR JE



Aplicar pelúcia 7x7 S-FIN (não incluída)
Material: Poliamida | Acabamento: Preto

212026

CONJ. TOPOS P/ CANTO JE



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

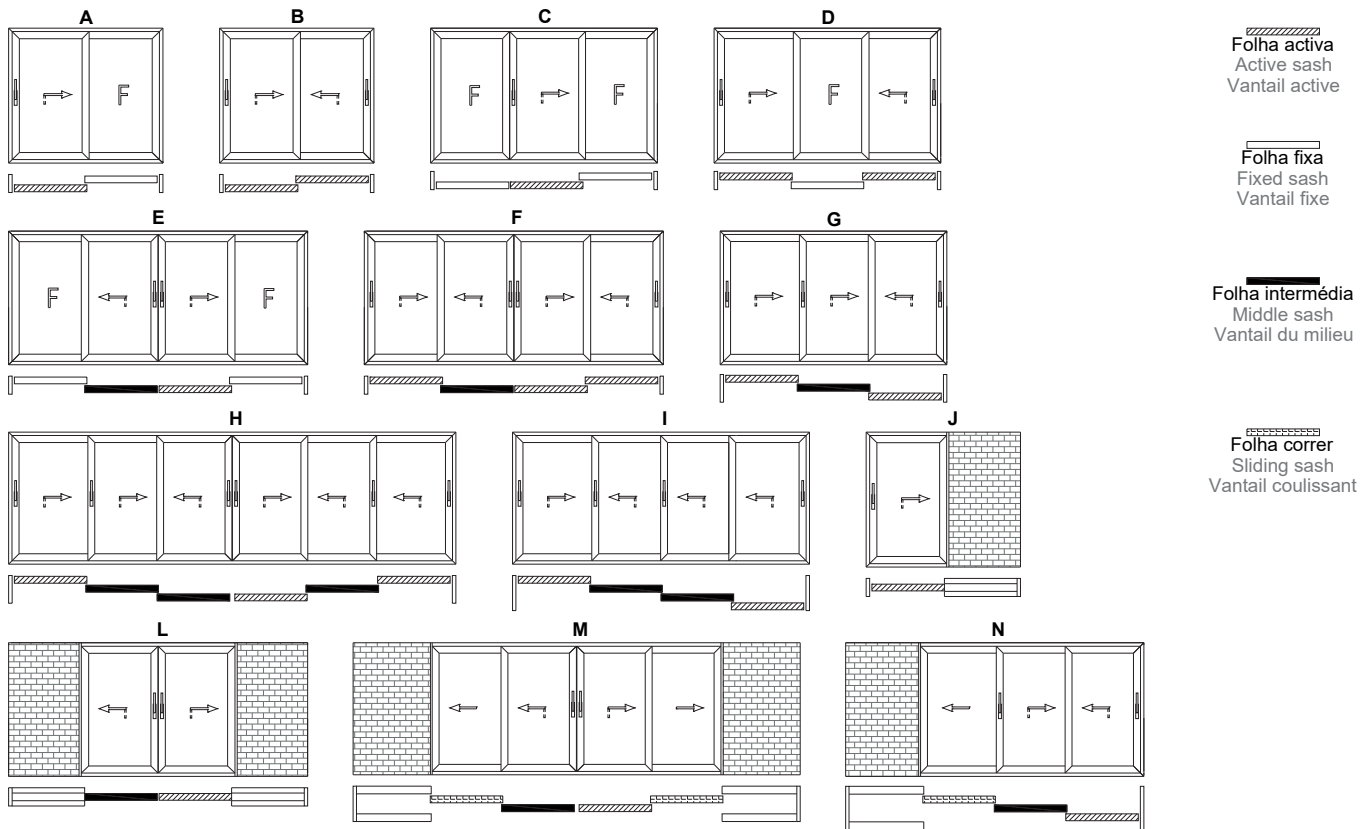
210069

TOPO JE 35 PRT

Ferragem elevatória LS 200
LS 200 Lifting hardware | Serrure élévatrice LS 200

Ref.	Designação Designation Désignation
1	299118 CARTÃO BASE ELEVÁVEL LS 200
2	211216 FERRAGEM CREMONE ELEVAVEL LS 200 H1800-2100
	211217 FERRAGEM CREMONE ELEVAVEL LS 200 H2101-2400
	211218 FERRAGEM CREMONE ELEVAVEL LS 200 H2401-2700
	211219 FERRAGEM CREMONE ELEVAVEL LS 200 H1800 440MM
3	215208 BARRA DE LIGAÇÃO 756MM
	215209 BARRA DE LIGAÇÃO 1260MM
	215210 BARRA DE LIGAÇÃO 1760MM
	215211 BARRA DE LIGAÇÃO 2760MM
4	228114 LIMITADOR DE ABERTURA LS 400 (OPCIONAL)
5	200144 CREMONE DELTA
	200145 CREMONE C/ CHAVE DELTA
6	218219 CONCHA DELTA (OPCIONAL)
7	200146 CREMONE DUPLO DELTA
	200147 CREMONE DUPLO DELTA C/ CHAVE
8	212147 CONJ. CARRINHOS SUPLEM. LS 200 P/300KG (OPCIONAL)
9	211018 PONTO DE FECHO LS 200 (OPCIONAL)
10	201341 FECHO HORIZONTAL REGULÁVEL LS 200
11	211097 PROLONGADOR 500 P/FERR. LS NAT (OPCIONAL)
	211098 PROLONGADOR 500 C/ PONTO FECHO P/ FERR. LS NAT (OPCIONAL)
12	228075 MOLA COMPENSADORA ELEV LS (OPCIONAL)
13	207433 CILINDRO AMORTECEDOR DE CREMONE 150-250 Kg (OPCIONAL)
	207421 CILINDRO AMORTECEDOR DE CREMONE 251-400 Kg (OPCIONAL)
	207434 CILINDRO AMORTECEDOR DE CREMONE 150-250 Kg 440 (OPCIONAL)
	207435 CILINDRO AMORTECEDOR DE CREMONE 251-400 Kg 440 (OPCIONAL)

Ferragem elevatória LS 200
LS 200 Lifting hardware | Serrure élévatoire LS 200



CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	TIPOLOGIA TYPOLOGY TYPOLOGIE													
		A	B	C	D	E	F	G	H	I	J	L	M	N	
Composição da Ferragem LS 200 LS 200 Hardware composition Coomposition du Serrure LS 200															
299118	Cartão base Elevável LS 200 Lift slide Base Kit Kit base Élevable	1	2	1	2	2	4	3	6	4	1	2	2	2	
212147 (*)	Conj. Carrinhos Suplem. LS 200 P/300Kg Additional bearings Roulements supplém.	1	2	1	2	2	4	3	6	4	1	2	2	2	
218159	Calço Suporte Folha Fixa LS 200 Support bracket Lit de calage	2 + 2 (*)	-	4 + 4 (*)	2 + 2 (*)	4 + 4 (*)	-	-	-	-	-	-	-	-	
---	Ferr. Cremone Elevável LS 200 H (xxx) Hardware Serrure	1	2		2	1+1 (**)	3+1 (**)	2+1 (**)	3+3 (**)	2+2 (**)	1	1+1 (**)	1+1 (**)	1+1 (**)	
---	Barra de Ligação L (xxx) Connecting rod Tige de connexion	1	2	1	2	2	4	3	6	4	1	2	2	2	
201341	Fecho horizontal regulável LS 200 Horizontal lock Verrou horizontal	-	-	1	-	1	1	1	3	2	-	1	1	1	
228114	Limitador de abertura LS 400 (Opcional) Opening limiter Limiteur d'ouverture	1	1	1	2	2	2	2	4	3	1	2	2	2	
200144	Cremone Delta Cremone Crémone	1	2	1	2	2	4	3	6	4	1	2	2	2	
Ferragem LS 200 - Com aplicação de Concha pelo exterior LS 200 configuration - finger grip from the outside Configuration LS 200 - poignée cuvette de l'extérieur															
218219	Concha Delta Finger grip Poignée cuvette	1	2	1	2	2	4	2	4	2	1	2	2	1	
223019	Kit Fixação Atria s/ Concha (***) Fixing kit Kit de fixation	-	-	-	-	-	-	1	2	2	-	-	-	1	
Configuração LS 200 - Com aplicação de Kit Fixação Delta Simples LS 200 configuration - Single delta fixing kit Configuration LS 200 - Kit de fixation delta simple															
223018	Kit Fixação Delta simples Fixing kit Kit de fixation	1	2	1	2	2	4	3	6	4	1	2	2	2	

(*) Considerar em folhas com mais de 200 Kg. | Considered in sashes with more than 200 Kg. | Considérer dans les vantaux avec plus de 200 Kg.

(**) Nas folhas intermédias é sempre possível utilizar Ref. 211216. | For the middle sashes is always possible to install the Ref. 211216. | Pour les vantaux du milieu, il est possible d'utiliser Ref. 211216.

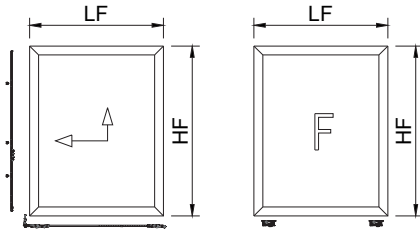
(***) Pode ser utilizada a Ref. 223018. | Can be used Ref. 223018. | Peut être utilisé Ref. 223018.

Ferragem elevatória LS 200

LS 200 Lifting hardware | Serrure élévatrice LS 200

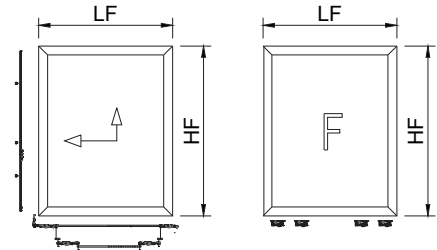
Até 200Kg

Up to 200Kg | Jusqu'à 200 kg



De 201Kg - 300Kg

From 201Kg to 300Kg | De 200Kg à 300Kg



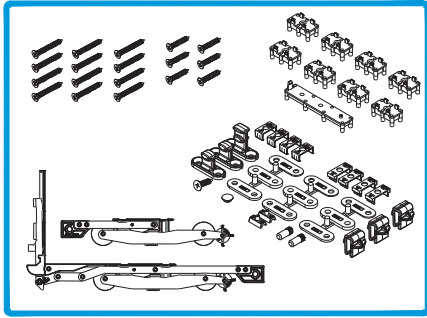
ALTURA DA FOLHA SASH HEIGHT HAUTEUR DU VANTAIL	HF mínimo = 1034 mm HF máximo = 3300 mm
LARGURA DA FOLHA SASH WIDTH LARGEUR DU VANTAIL	LF mínimo = 550 mm LF máximo = 3300 mm

ALTURA DA FOLHA SASH HEIGHT HAUTEUR DU VANTAIL	HF mínimo = 1034 mm HF máximo = 3300 mm
LARGURA DA FOLHA SASH WIDTH LARGEUR DU VANTAIL	LF mínimo = 1100 mm LF máximo = 3300 mm

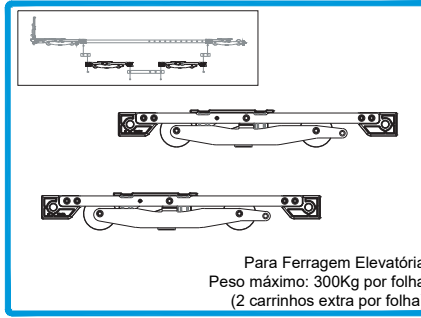
Código Code Code	Designação Designation Désignation	Até 200Kg Up to 200Kg Jusqu'à 200 kg	De 201Kg - 300Kg From 201Kg - 300Kg De 200Kg - 300Kg
211219	FERRAGEM CREMONE ELEVÁVEL LS 200 H 1800-440MM	HF mínimo = 1034 mm HF máximo = 1800 mm	HF mínimo = 1034 mm HF máximo = 1800 mm
211216	FERRAGEM CREMONE ELEVÁVEL LS 200 H 1800-2100	HF mínimo = 1800 mm HF máximo = 2200 mm	HF mínimo = 1800 mm HF máximo = 2200 mm
211217	FERRAGEM CREMONE ELEVÁVEL LS 200 H 2101-2400	HF mínimo = 2201 mm HF máximo = 2500 mm	HF mínimo = 2201 mm HF máximo = 2500 mm
211218	FERRAGEM CREMONE ELEVÁVEL LS 200 H 2401-2700	HF mínimo = 2501 mm HF máximo = 2800 mm	HF mínimo = 2501 mm HF máximo = 2800 mm
211218 + 211097 ou 211098	FERRAGEM CREMONE ELEVÁVEL LS 200 H 2401-2700 + PROLONGADOR 500 P/ FERR. LS NAT	HF mínimo = 2801 mm HF máximo = 3300 mm	HF mínimo = 2801 mm HF máximo = 3300 mm
215208	BARRA DE LIGAÇÃO 756MM	LF mínimo = 550 mm LF máximo = 1300 mm	LF mínimo = 1100 mm LF máximo = 1800 mm
215209	BARRA DE LIGAÇÃO 1260MM	LF mínimo = 1301 mm LF máximo = 1800 mm	LF mínimo = 1801 mm LF máximo = 2300 mm
215210	BARRA DE LIGAÇÃO 1760MM	LF mínimo = 1801 mm LF máximo = 2300 mm	LF mínimo = 2301 mm LF máximo = 2800 mm
215211	BARRA DE LIGAÇÃO 2760MM	LF mínimo = 2301 mm LF máximo = 3300 mm	LF mínimo = 2801 mm LF máximo = 3300 mm

Acessórios para ferragem elevatória LS 200

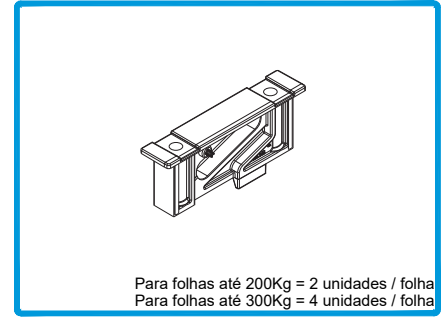
LS 200 Lifting hardware accessories | Accessoires pour serrure élévatoire LS 200



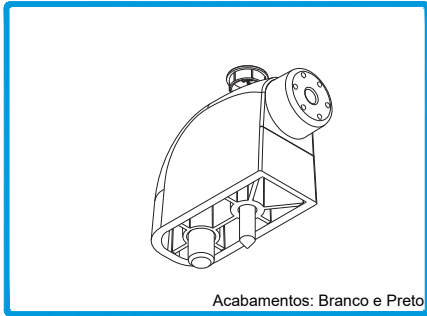
299118 CARTÃO BASE ELEVÁVEL LS 200



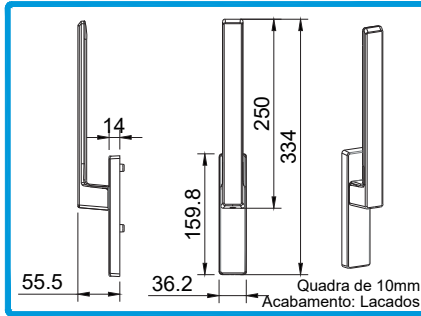
212147 CONJ. CARRINHOS SUPLEM. LS 200 P/300KG



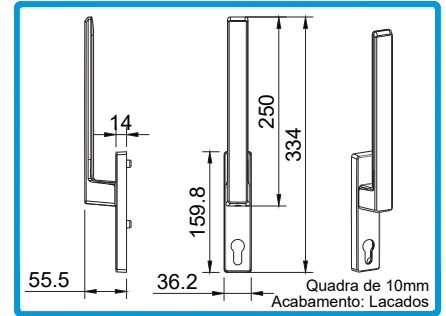
218159 CALÇO SUPORTE FOLHA FIXA LS 200



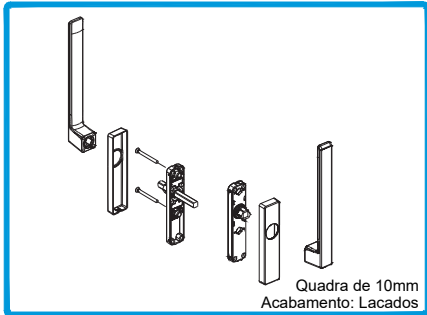
228114 LIMITADOR DE ABERTURA LS 400



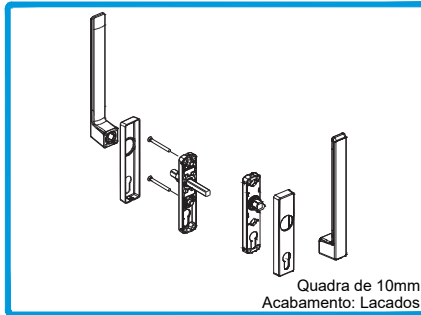
200144 CREMONE DELTA



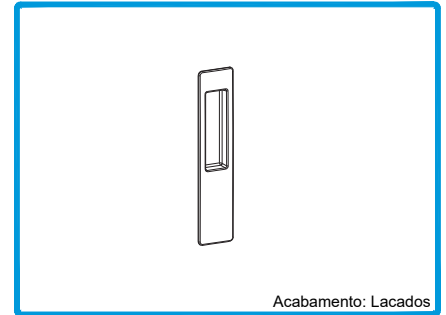
200145 CREMONE C/ CHAVE DELTA



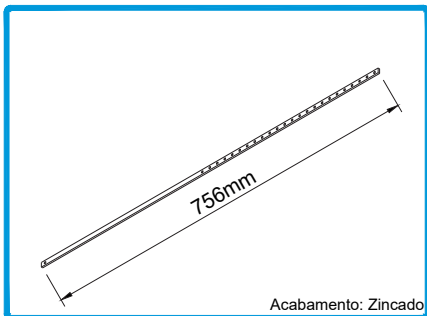
200146 CREMONE DUPLO DELTA



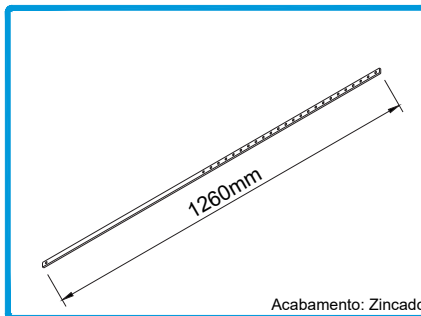
200147 CREMONE DUPLO C/ CHAVE DELTA



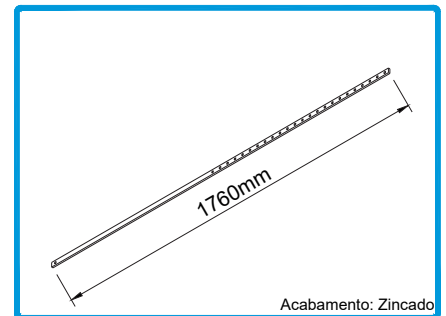
218219 CONCHA DELTA



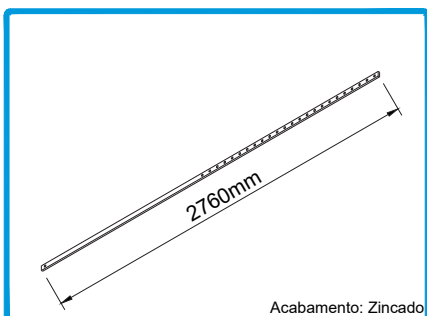
215208 BARRA DE LIGAÇÃO 756MM



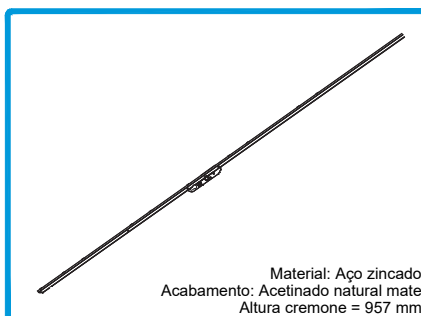
215209 BARRA DE LIGAÇÃO 1260MM



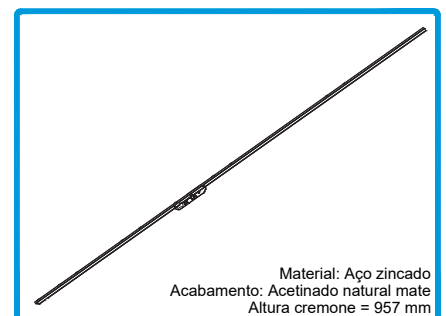
215210 BARRA DE LIGAÇÃO 1760MM



215211 BARRA DE LIGAÇÃO 2760MM



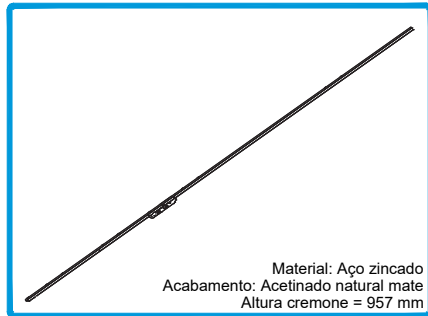
211216 FERRAGEM CREMONE ELEVÁVEL LS 200 H1800-2100



211217 FERRAGEM CREMONE ELEVÁVEL LS 200 H2101-2400

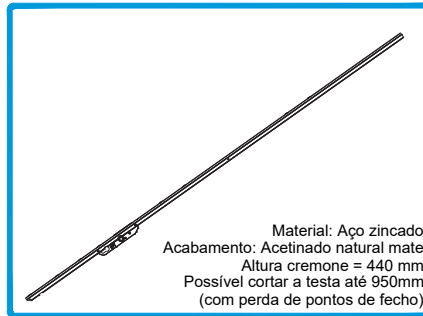
Acessórios para ferragem elevatória LS 200

LS 200 Lifting hardware accessories | Accessoires pour serrure élévatoire LS 200



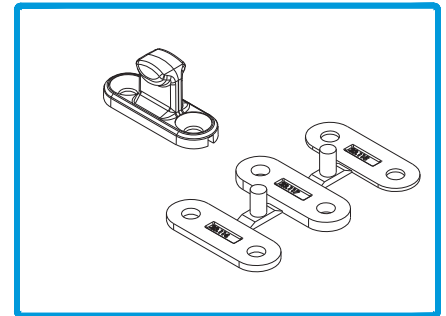
Material: Aço zincado
Acabamento: Acetinado natural mate
Altura cremone = 957 mm

211218 FERRAGEM CREMONE ELEVÁVEL
LS 200 H2401-2700

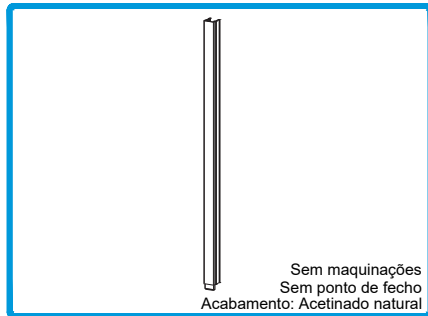


Material: Aço zincado
Acabamento: Acetinado natural mate
Altura cremone = 440 mm
Possível cortar a testa até 950mm
(com perda de pontos de fecho)

211219 FERR. CREMONE ELEVÁVEL
LS 200 H1800 440MM

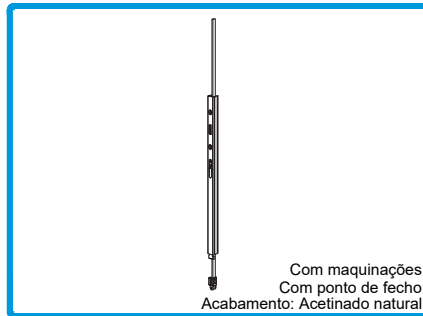


211018 PONTO DE FECHO LS 200



Sem maquinações
Sem ponto de fecho
Acabamento: Acetinado natural

211097 PROLONGADOR 500 P/ FERR.
LS NAT



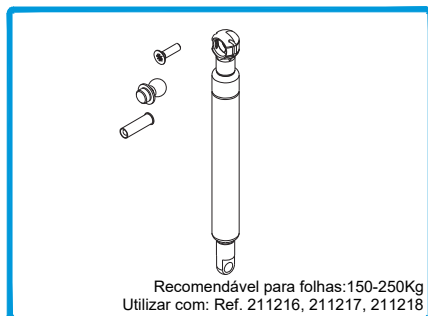
Com maquinações
Com ponto de fecho
Acabamento: Acetinado natural

211098 PROLONGADOR 500 C/ PONTO
FECHO P/ FERR. LS NAT



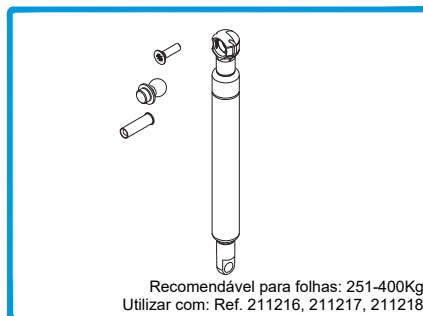
Recomendável para folhas com peso > 200Kg
Material: Aço zincado

228075 MOLA COMPENSADORA ELEV LS



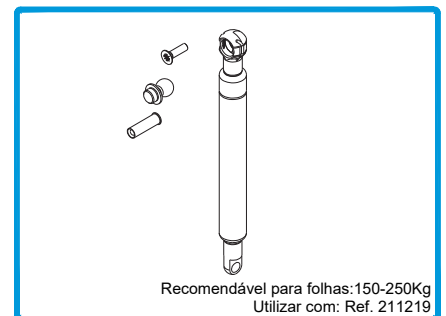
Recomendável para folhas: 150-250Kg
Utilizar com: Ref. 211216, 211217, 211218

207433 CILINDRO AMORTECEDOR DE
CREMONE 150-250 Kg



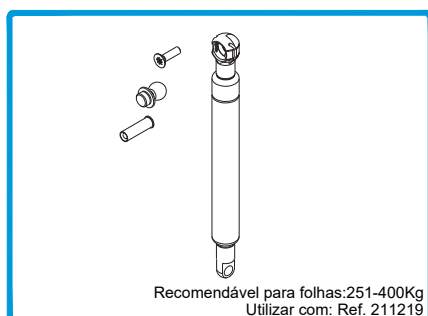
Recomendável para folhas: 251-400Kg
Utilizar com: Ref. 211216, 211217, 211218

207421 CILINDRO AMORTECEDOR DE
CREMONE 251-400 Kg



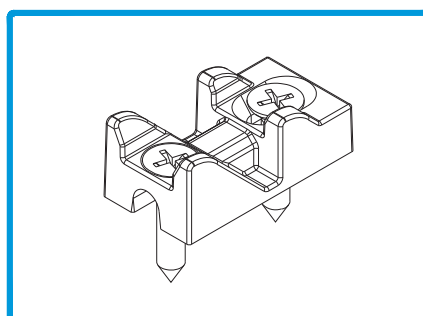
Recomendável para folhas: 150-250Kg
Utilizar com: Ref. 211219

207434 CILINDRO AMORTECEDOR DE
CREMONE 150-250 Kg 440MM

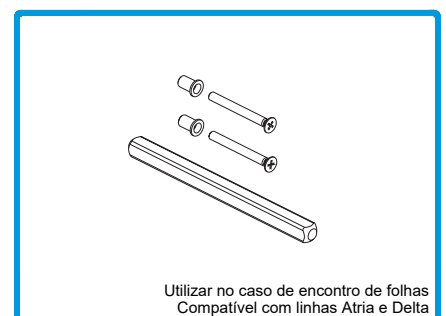


Recomendável para folhas: 251-400Kg
Utilizar com: Ref. 211219

207435 CILINDRO AMORTECEDOR DE
CREMONE 251-400 Kg 440MM

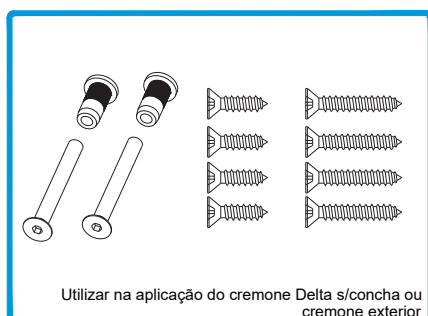


201341 FECHO HORIZ. REGULÁVEL LS 200



Utilizar no caso de encontro de folhas
Compatível com linhas Atria e Delta

223019 KIT FIXAÇÃO ATRIA S/CONCHA



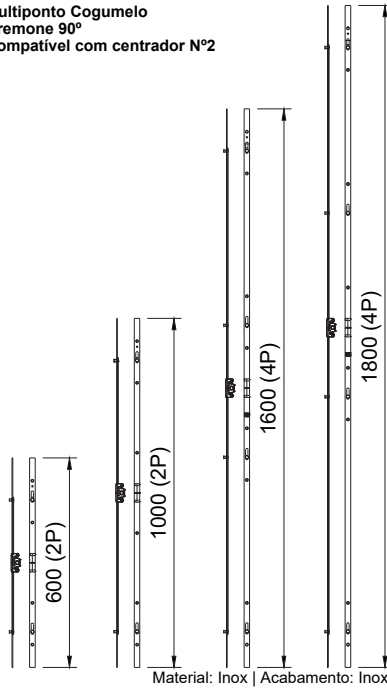
Utilizar na aplicação do cremone Delta s/concha ou
cremone exterior

223018 KIT FIXAÇÃO DELTA SIMPLES

Acessórios para ferragem multiponto

Multipoint hardware accessories | Accessoires pour serrure multipoint

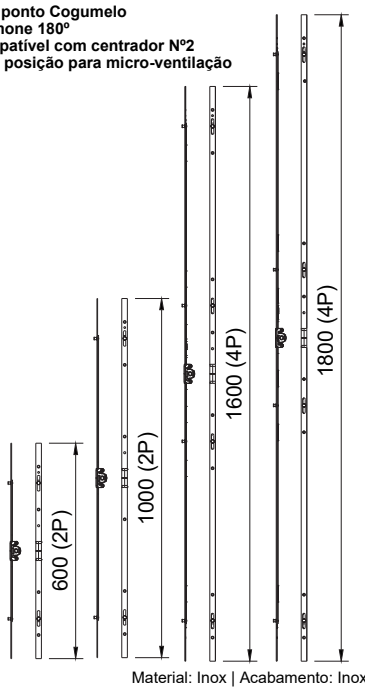
Multiponto Cogumelo
Cremone 90°
Compatível com centrador N°2



Material: Inox | Acabamento: Inox

- 211222 F. MULTIP. CENTR. 600 (2P)
- 211223 F. MULTIP. CENTR. 1000 (2P)
- 211224 F. MULTIP. CENTR. 1600 (4P)
- 211225 F. MULTIP. CENTR. 1800 (4P)

Multiponto Cogumelo
Cremone 180°
Compatível com centrador N°2
Com posição para micro-ventilação



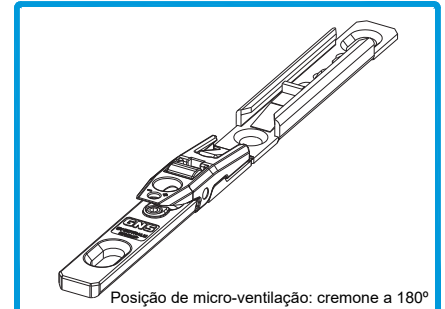
Material: Inox | Acabamento: Inox

- 211227 F. MULTIP. CENTR. C/VENT. 600 (2P)
- 211228 F. MULTIP. CENTR. C/VENT. 1000 (2P)
- 211229 F. MULTIP. CENTR. C/VENT. 1600 (4P)
- 211230 F. MULTIP. CENTR. C/VENT. 1800 (4P)



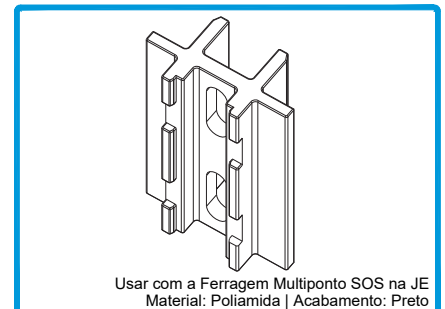
Altura mínima folha: 1950mm
Compatível com manete quadra 7mm
Multip. com anti-levantamento e amortecimento no fecho

211008 FERR. MULTIP. C/ CHAVE 1800 (4P)



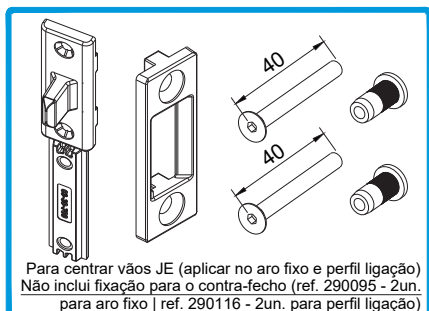
Posição de micro-ventilação: cremone a 180°

299217 MICRO-VENTILAÇÃO P/ MULT. CENTR. C/ VENT.



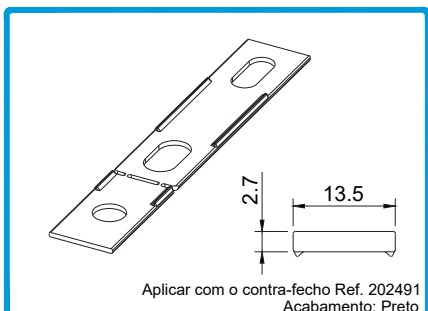
Usar com a Ferragem Multiponto SOS na JE
Material: Poliamida | Acabamento: Preto

218148 CALÇO N°2 P/ MULTIP. SOS JE



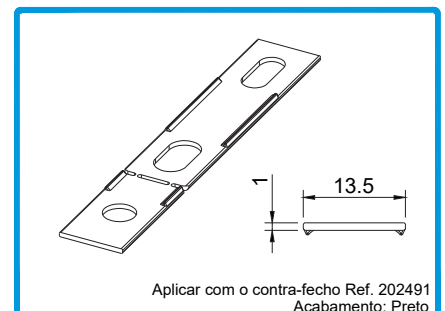
Para centrar vãos JE (aplicar no aro fixo e perfil ligação)
Não inclui fixação para o contra-fecho (ref. 290095 - 2un.
para aro fixo | ref. 290116 - 2un. para perfil ligação)

212177 CONJ. CENTRADOR P/ FERRAGEM JE



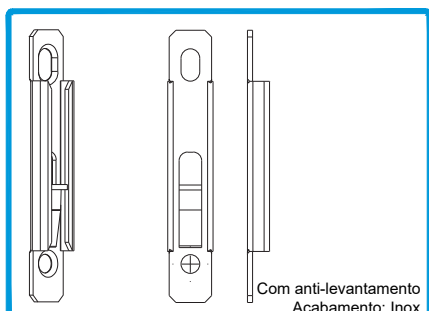
Aplicar com o contra-fecho Ref. 202491
Acabamento: Preto

218162 CALÇO 3MM P/ CONTRA-FECHO AL MULT.



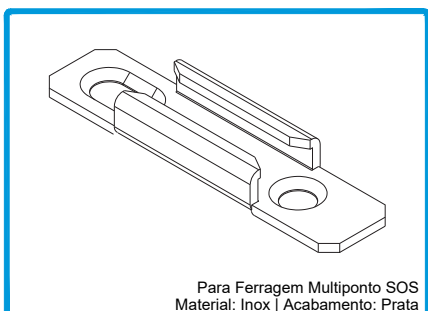
Aplicar com o contra-fecho Ref. 202491
Acabamento: Preto

218165 CALÇO 1MM P/ CONTRA-FECHO AL MULT.



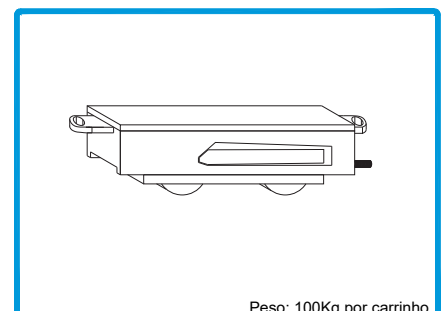
Com anti-levantamento
Acabamento: Inox

202491 CONTRA-FECHO ANTI-LEVANTAM. MULTI-PONTO



Para Ferragem Multiponto SOS
Material: Inox | Acabamento: Prata

202496 CONTRA-FECHO PEQ. MULTIP. SOS INOX

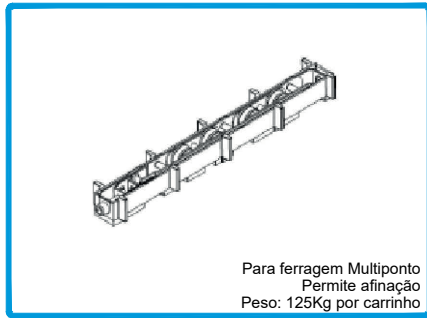


Peso: 100Kg por carrinho

205105 CARRINHO JE 100Kg

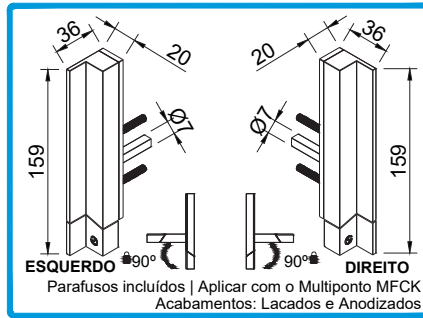
Acessórios para ferragem multiponto

Multipoint hardware accessories | Accessoires pour serrure multipoint



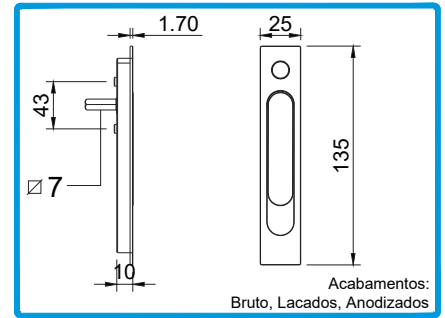
Para ferragem Multiponto
Permite afinação
Peso: 125Kg por carrinho

205163 CARRINHO JE 4 RODAS



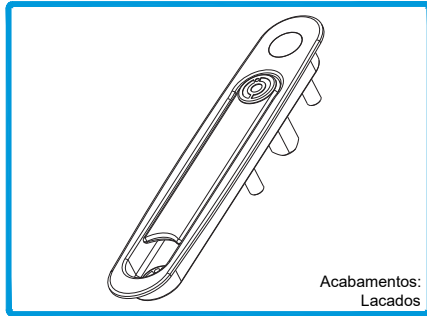
Parafusos incluídos | Aplicar com o Multiponto MFCK
Acabamentos: Lacados e Anodizados

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



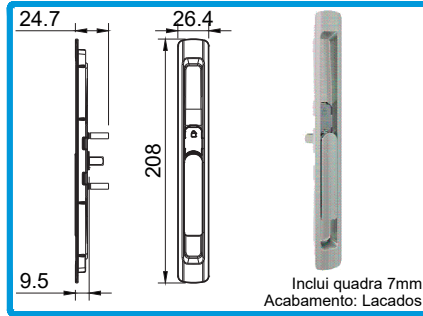
Acabamentos:
Bruto, Lacados, Anodizados

201562 PUXADOR SLIM PARA EMBUTIR



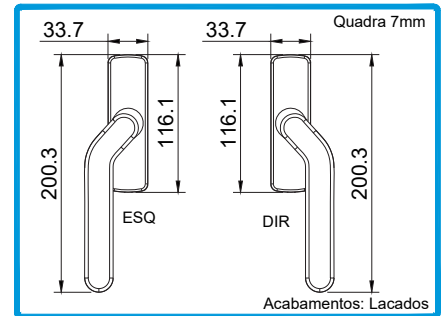
Acabamentos:
Lacados

201467 FECHO DE EMBUTIR PARA MULTI-PONTO CB-400



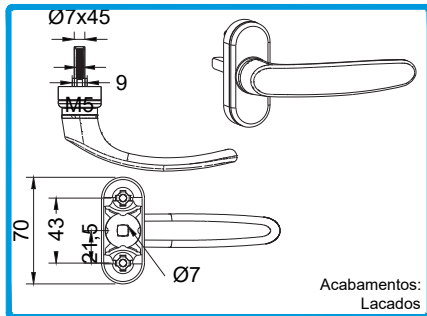
Inclui quadra 7mm
Acabamento: Lacados

201083 FECHO DE EMBUTIR 180°



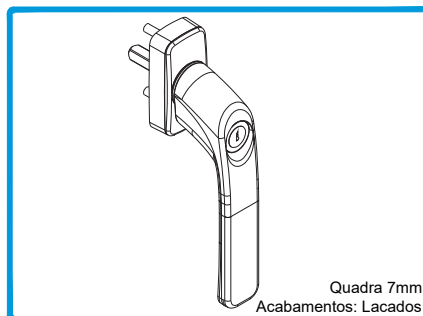
Acabamentos: Lacados

200939 CREMONE M.P. DESVIADO (Esq.)
200959 CREMONE M.P. DESVIADO (Dir.)



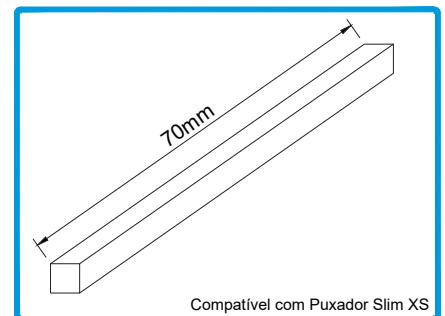
Acabamentos:
Lacados

200025 PUXADOR SIMPLES 608L SOS



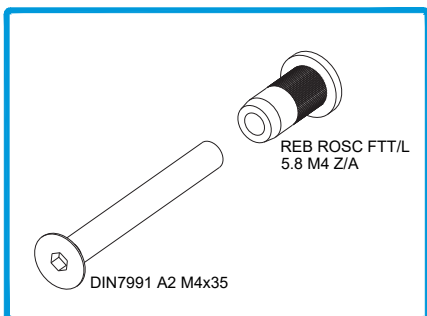
Quadra 7mm
Acabamentos: Lacados

200167 CREMONE MULTIP. COM CHAVE

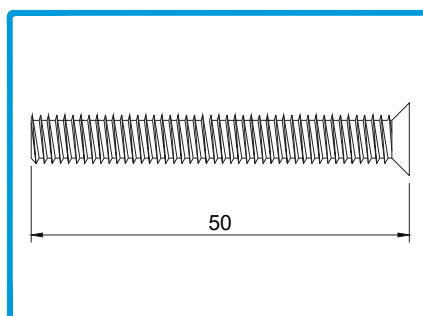


Compatível com Puxador Slim XS

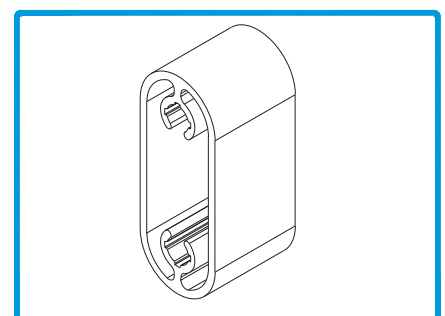
227305 QUADRA AÇO 7MMx70



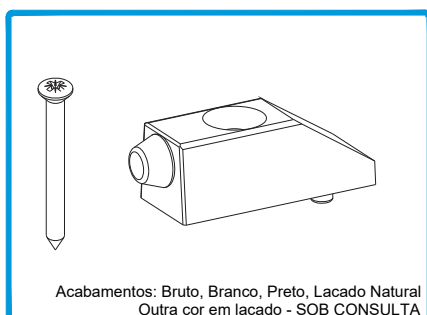
212017 CONJUNTO FIXAÇÃO FERRAGEM MULTI-PONTO



290028 PARAFUSO PARA PUXADOR DE JANELA



X-00 CALÇO X-00

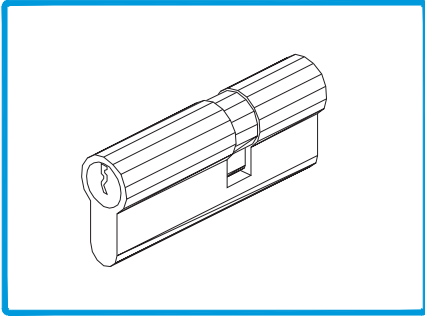


Acabamentos: Bruto, Branco, Preto, Lacado Natural
Outra cor em lacado - SOB CONSULTA

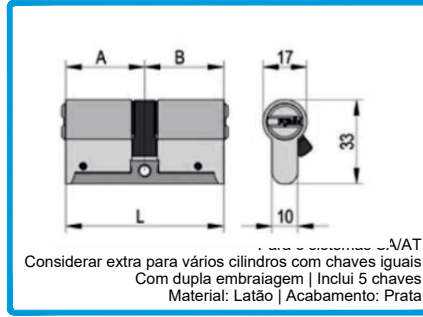
228107 LIMITADOR ABERTURA PQ SERIE CORRER

Acessórios comuns p/ ferragens elevatória/multiponto

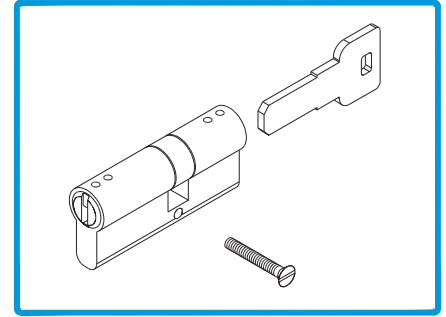
Lift/Multipoint hardwares commons accessories | Accessoires communs pour serrures élévatoire/multipoint



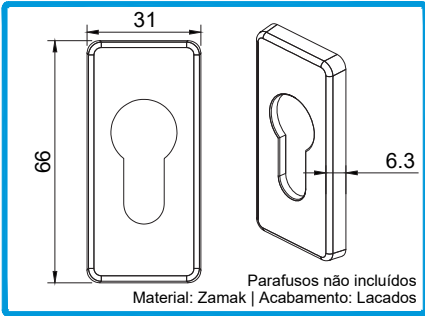
230040 SEGREDO 30/45 (INCLUI 3 CHAVES)



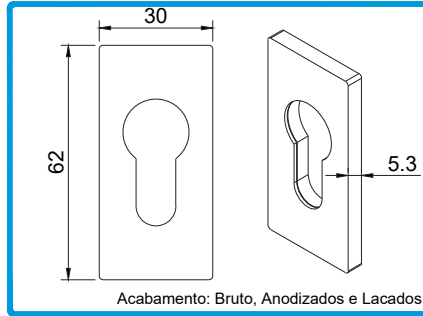
207438 CILINDRO ALTA SEGURANÇA 30/45



207400 CILINDRO BSK 35X35



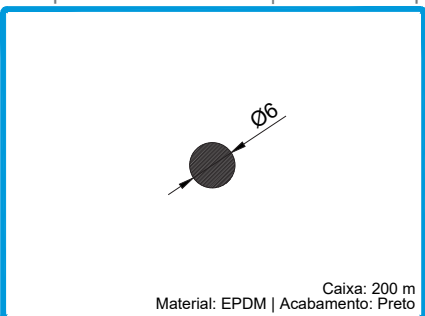
220198 ESPELHO DELTA P/ SEGREDO



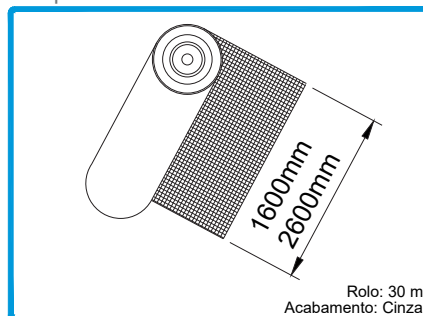
220197 ESPELHO ALUMÍNIO 30MM P/ SEGREDO

Acessórios para mosquiteira

Mosquito net accessories | Accessoires pour moustiquaire



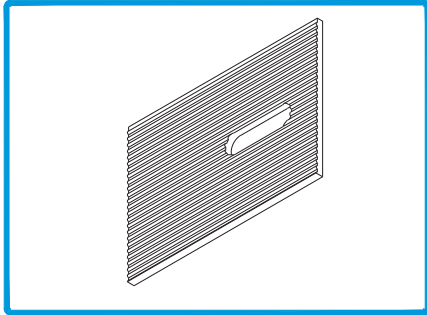
208310 VEDANTE P/ MOSQUITEIRA 1027
Caixa: 200 m
Material: EPDM | Acabamento: Preto



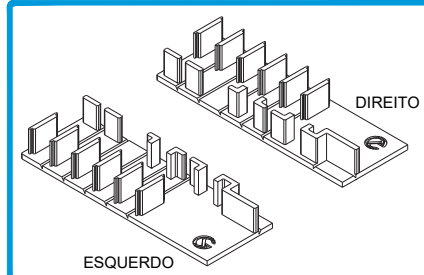
229105 REDE MOSQ. EM FIBRA 1600mm
229106 REDE MOSQ. EM FIBRA 2600mm
Rolo: 30 m
Acabamento: Cinza

Acessórios Renovatio

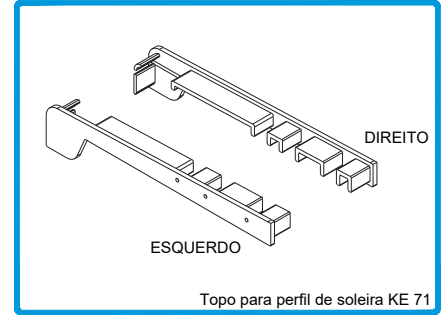
Renovatio accessories | Accessoires Renovatio



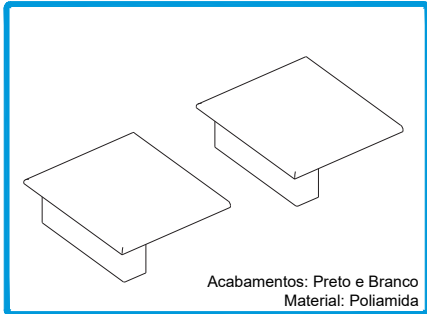
218116 CALÇO SEPARADOR 50x70mm



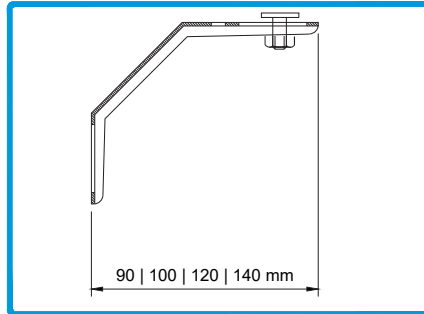
Topos para remates laterais KE 90, 91, 92, 93, 94 e 95
212223 CONJUNTO TOPOS INFERIORES RENOVIATIO



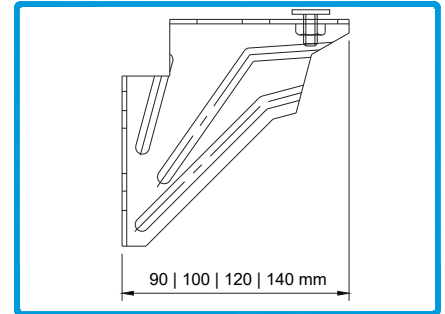
Topo para perfil de soleira KE 71
212221 CONJUNTO TAPA TOPOS KE 71



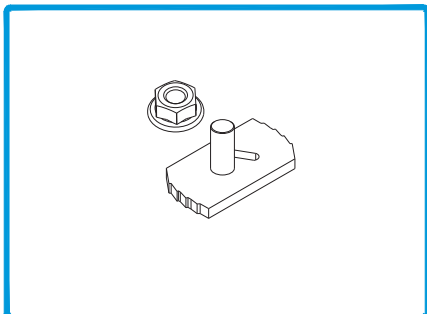
Acabamentos: Preto e Branco
Material: Poliamida
212173 CONJ. TOPOS KE51-KE52



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



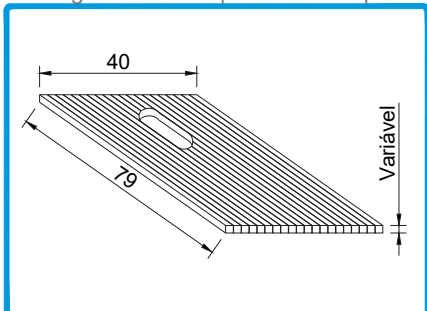
230309 SUPORTE FIXAÇÃO 90mm
230014 SUPORTE FIXAÇÃO 100mm
230019 SUPORTE FIXAÇÃO 120mm
230308 SUPORTE FIXAÇÃO 140mm



207220 PRESILHA M6x37mm

Acessórios para vidro

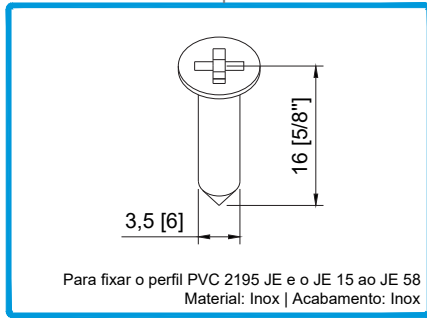
Glazing accessories | Accessoires pour vitrage



218113 CALÇO PARA VIDRO 79x40x2
218109 CALÇO PARA VIDRO 79x40x3
218111 CALÇO PARA VIDRO 79x40x4
218112 CALÇO PARA VIDRO 79x40x5

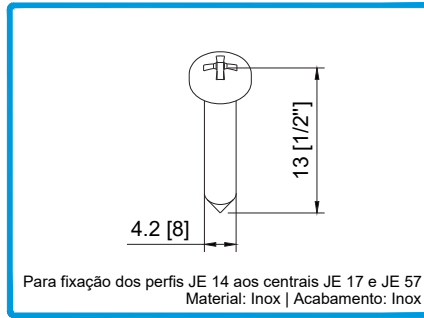
Acessórios diversos

Diverse accessories | Accessoires divers



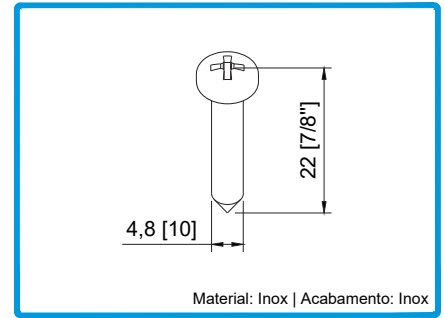
Para fixar o perfil PVC 2195 JE e o JE 15 ao JE 58
Material: Inox | Acabamento: Inox

290052 PARAF. DIN7982 PH 3,5x16 INOX A2



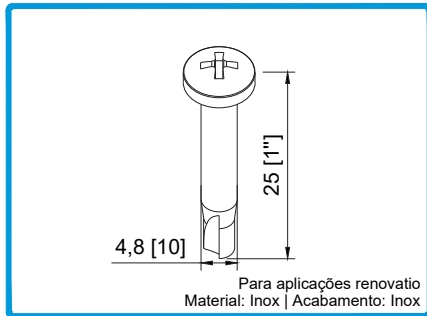
Para fixação dos perfis JE 14 aos centrais JE 17 e JE 57
Material: Inox | Acabamento: Inox

290111 PARAFUSO CQ 4,2x13 INOX A2



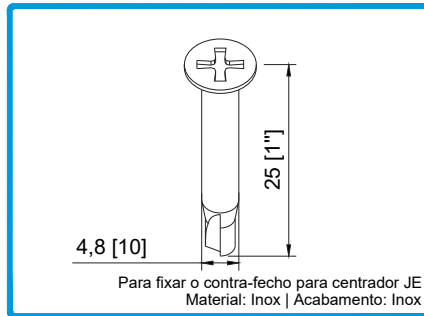
Material: Inox | Acabamento: Inox

290020 PARAFUSO PAR 006 7/8x10 CQ



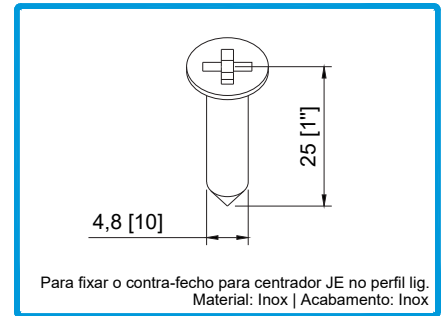
Para aplicações renovatio
Material: Inox | Acabamento: Inox

290130 PARAF. AT/PF DIN7504-N 4,8x25 A2



Para fixar o contra-fecho para centrador JE
Material: Inox | Acabamento: Inox

290095 PARAFUSO DIN7504-P PH 4,8x25 A2



Para fixar o contra-fecho para centrador JE no perfil lig.
Material: Inox | Acabamento: Inox

290116 PARAFUSO CX 4,8x25 INOX A2



Limpeza de alumínio lacado ou anodizado
Para preparação das superfícies a serem unidas
e limpeza final

208704 PRODUTO LIMPEZA DE ALUMÍNIO
(1L) Transparente

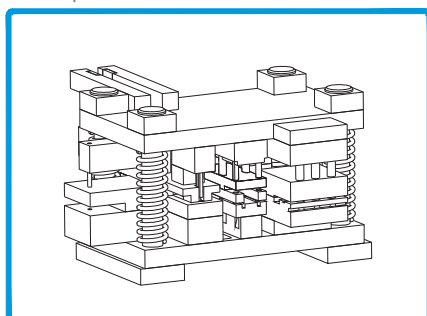


Junta de vedação elástica, resistente aos U.V.
Impede a corrosão de penetrar pelas zonas cortadas.

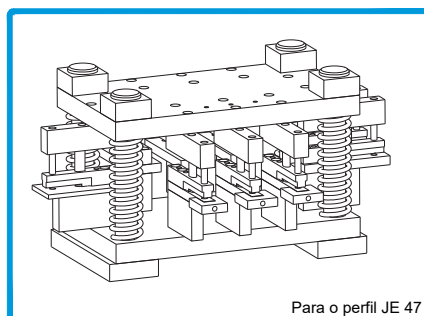
208019 SELA JUNTAS 150gr. (Cinza)

Ferramentas

Tools | Outils



408171 CORTANTE JE



Para o perfil JE 47

408174 CORTANTE ESQUADROS OS

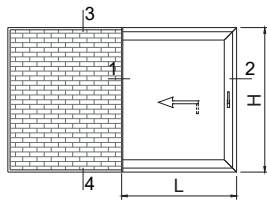


Casa do Arco | Portugal | Frari Arq. | Fotografia Ivo Tavares Studio

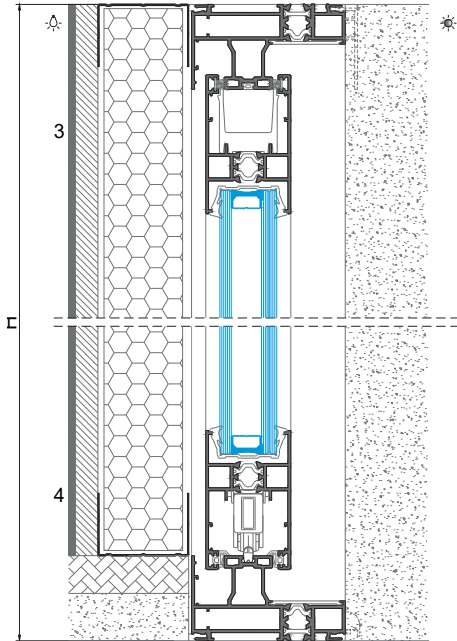
IV

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

JANELA DE CORRER DE EMBUTIR COM 1 FOLHA 1-RAIL (SEM JUNTA DE REMATE)
1 SASH POCKET SLIDING WINDOW 1-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À GALANDAGE 1 VANTAIL 1-RAIL (SANS JOINT)



MEDIDAS VIDROS	
GLAZING MEASURES	
DIMENSIONS DES VERRES	
Lvidro(mm)	Hvidro(mm)
L-65	H-197

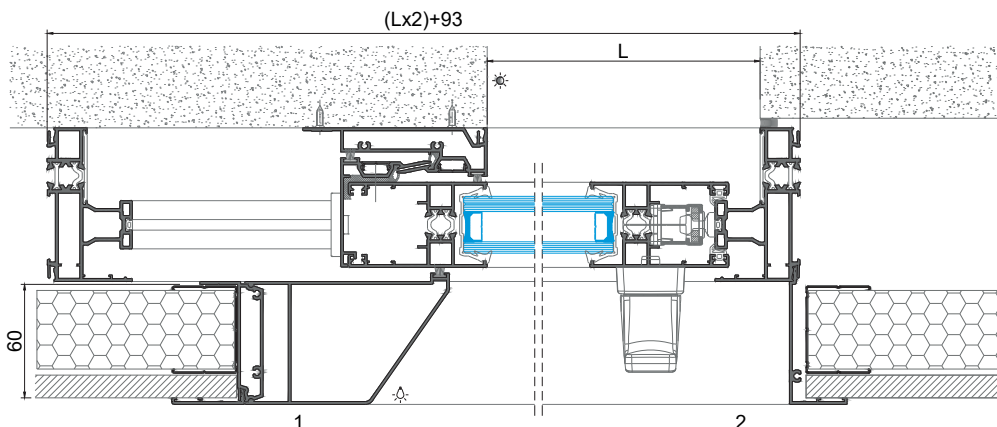


PERFIS PROFILES PROFILÉS					
CÓDIGO	DESIGNAÇÃO	CORTE HORIZ	CORTE VERT.	QUANT.	CORTE
CODE CODE	DESIGNATION NOMINATION	HORIZONTAL CUT	VERTICAL CUT	QUANTITY	CUT
JE 64	ARO FIXO	(Lx2)+93	H	2+2	
JE 57	ARO MÓVEL	L+57	H-75	2+2	
JE 14	PERFIL CENTRAL	-	H-75	1	
JE 90	PERFIL PINGADEIRA	L	-	1	
JE 61	PERFIL CRUZAMENTO	-	H-42	1	
JE 62	PERFIL P/ ISOLAMENTOS	-	H	1	
JE 63	PERFIL TAMPA	-	H	1	
KE 94	PERFIL REMATE	-	H	1	
KE 61	PERFIL REMATE	-	H	1	
PE 91	PERFIL GUIA	(Lx2)+10	-	1	
AT 30	CAPA	-	H-75	1	
JE 96	PERFIL PVC	(Lx2)+55	H-43	2+2	

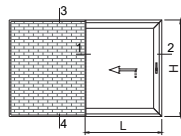
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO	DESIGNAÇÃO	QUANTIDADE	
CODE CODE	DESIGNATION NOMINATION	ELEVATORIA	MULTIPONTO
	FERRAGEM ELEVATORIA LS 200	*	-
	FERRAGEM MULTIPONTO JE	-	1 *
204155	ESQUADRO 18-3712 C		4
204851	ESQUADRO 18-1412 C		4
204901	ESQUADRO 18-1112 C JE		8
213246	CANTO CR S/SB		12
205105	CARRINHO JE 100 KG	-	2
212056	CONJUNTO GUIAS COM AMORTECEDOR JE	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER	-	1
212102	CONJUNTO GUIAS JE		1
207093	GUIAS SUPERIOR JE		min. 2 **
210280	GOTEIRA SOS C/VÁLVULA		2
290020	PARAFUSO PAR 006		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3		4
290260	PARAFUSO PAR 001 1/2X8 INOX CQ		1 Un./m

- * Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
- ** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1- 2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

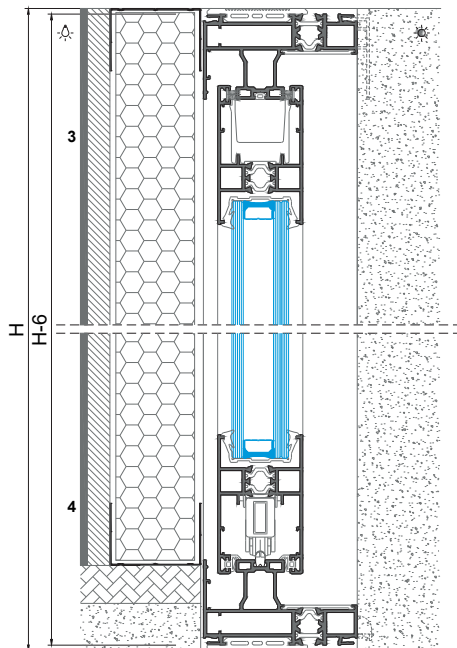
VEDANTES SEALS JOINTS			
CÓDIGO	DESIGNAÇÃO	QUANTIDADE	
CODE CODE	DESIGNATION NOMINATION	ELEVATORIA	MULTIPONTO
208460	PELUCIA 7x7 STOP-FIN	3H+2L	3H+4L
208300	VD 2096	2H	2H
208298	VD 2065	2H+2L	2H
208299	U 2066	2H+2L	2H+2L
208414	VD 2026	2H+L	2H+L



JANELA DE CORRER DE EMBUTIR COM 1 FOLHA 1-RAIL (COM JUNTA DE REMATE)
1 SASH POCKET SLIDING WINDOW 1-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À GALANDAGE 1 VANTAIL 1-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRRE	Hvidro(mm) GLASS VERRRE
L-65	H-203



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
JE 64	ARO FIXO FIXED FRAME CADRE DORMANT	(Lx2)+93	H-6	2+2	
JE 57	ARO MÓVEL MOVABLE FRAME LOUVRANT	L+57	H-81	2+2	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-81	1	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
JE 61	PERFIL CRUZAMENTO PROFILE PROFILÉ	-	H-48	1	
JE 62	PERFIL P/ ISOLAMENTOS PROFILE PROFILÉ	-	H-6	1	
JE 63	PERFIL TAMPA COVER PROFILE PROFILÉ CAPOT	-	H-6	1	
KE 94	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H-6	1	
KE 61	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H-6	1	
PE 91	PERFIL GUIA GUIDE GUIDE	(Lx2)+10	-	1	
AT 30	CAPA COVER CAPOT	-	H-81 H-48	1 1	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	(Lx2)+55	H-49	2+2	

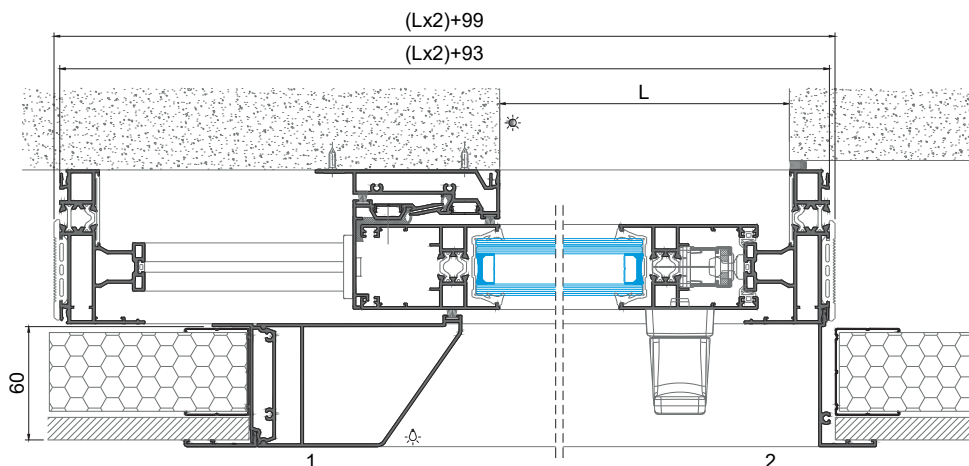
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEV. ÉLEV.	MULTI-PTO MULTI-PT.
	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	1 *
204155	ESQUADRO 18-3712 C BRACKET ÉQUERRE		4
204851	ESQUADRO 18-1412 C BRACKET ÉQUERRE		4
204901	ESQUADRO 18-1112 C JE BRACKET ÉQUERRE		8
213246	CANTO CR S/SB CORNER COIN		12
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	2
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITER D'OUVERTURE	-	1
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPÉRIEUR		min. 2 **
210280	GOTEIRA SOS C/VÁLVULA CRIP GOUTTIÈRE		2
290020	PARAFUSO PAR 006		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRRE		4
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS		1 Un./m

* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

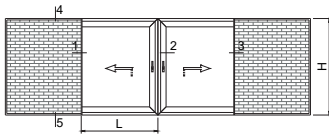
** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha

From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEV. ÉLEV.	MULTI-PTO MULTI-PT.
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BROUSSE	3H+2L	3H+4L
208300	VD 2096	2H	2H
208298	VD 2065	2H+2L	2H
208299	U 2066	2H+2L	2H+2L
208414	VD 2026	2H+L	2H+L
208910	VD 2087	2H+2L	2H+2L



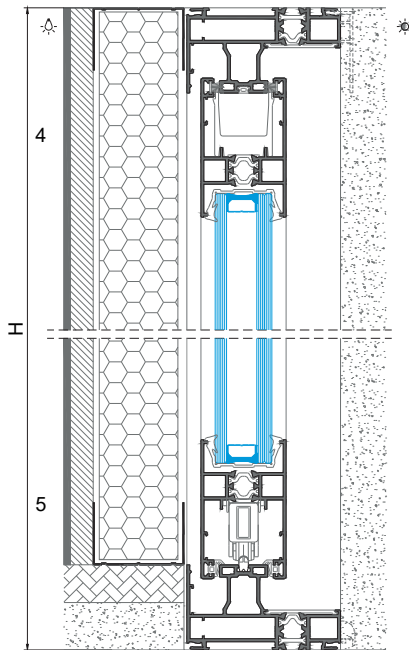
JANELA DE CORRER DE EMBUTIR COM 2 FOLHAS 1-RAIL (SEM JUNTA DE REMATE)
2 SASHES POCKET SLIDING WINDOW 1-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À GALANDAGE 2 VANTAUX 1-RAIL (SANS JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRÉS	
Lvidro(mm) GLASS (VERRE)	Hvidro(mm) GLASS (VERRE)
(L/2)-51	H-197

PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. CORPE HORIZ.	CORTE VERT. CORPE VERTICALE	QUANT. QUANTITE	CORTE COUPE
JE 64	ARO FIXO FIXED FRAME CADRE DORMANT	(Lx2)+169	H	2+2	
JE 57	ARO MÓVEL MOVABLE FRAME LOUVRANT	(L/2)+70	H-75	4+4	
JE 27	UNIÃO 3/4 FOLHAS UNION UNION	-	*	1	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	2	
JE 80	PERFIL PINGADEIRA Drip Profile Profilé	L	-	1	
JE 61	PERFIL CRUZAMENTO CENTRAL CENTRAL	-	H-42	2	
JE 62	PERFIL P/ ISOLAMENTOS PROFILE PROFILÉ	-	H	2	
JE 63	PERFIL TAMPA COVER PROFILE PROFILÉ CAPOT	-	H	2	
KE 91	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	2	
PE 91	PERFIL GUIA GUIDE GUIDE	(Lx2)+86	-	1	
AT 30	CAPA COVER CAPOT	-	H-75 H-42	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	(Lx2)+131	H-43	2+2	

* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
Mesures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

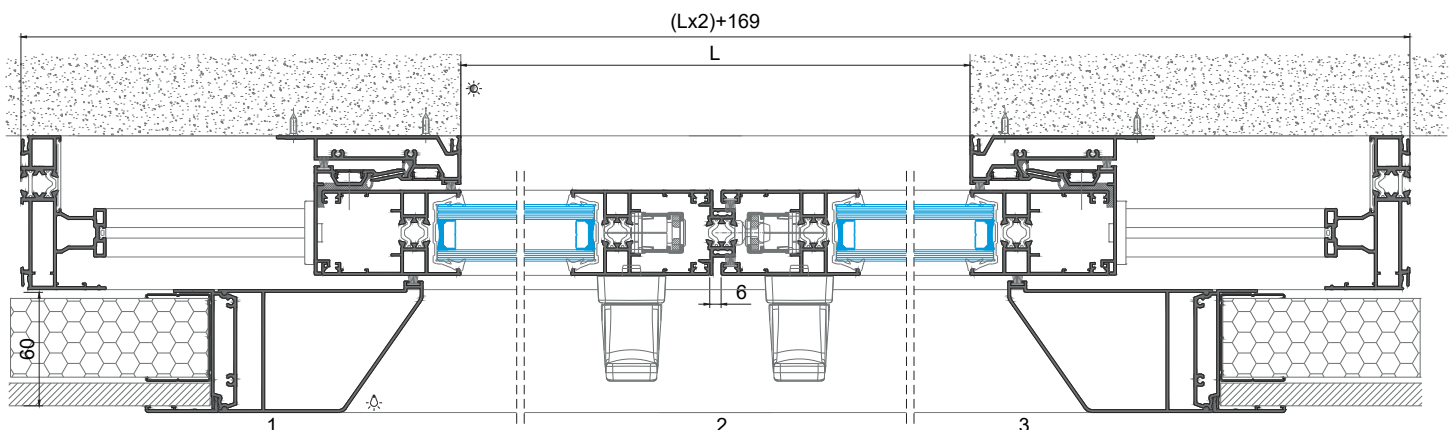


ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA MULTI-PONTO ELEV. MULTIP.	OU OU
	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	1 *
204155	ESQUADRO 18-3712 C BRACKET EQUEURRE	4	
204851	ESQUADRO 18-1412 C BRACKET EQUEURRE	4	
204901	ESQUADRO 18-1112 C JE	16	
213246	CANTO CR S/SB CORNER COIN	20	
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	4
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ASSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PO SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	1	
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	min. 4	**
212051	CONJUNTO TOPO JE 27 Nº1 KIT N.1 END-CAP JE27 KIT N.1 EMBOUT JE27	1	1
212053	CONJUNTO TOPO JE 27 Nº2 KIT N.2 END-CAP JE27 KIT N.2 EMBOUT JE27	-	1
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE	4	
290020	PARAFUSO PAR 006 SCREW VIS	1 Un./m	
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE	8	
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	2 Un./m	

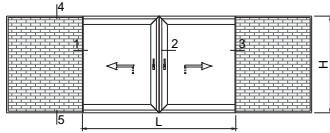
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1- 2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA MULTI-PONTO ELEV. MULTIP.	OU OU
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BRUSSE	8H+2L	8H+4L
208300	VD 2096	4H	4H
208298	VD 2065	2L	-
208299	U 2066	4H+2L	4H+2L
208414	VD 2026	2H+4L	2H+4L



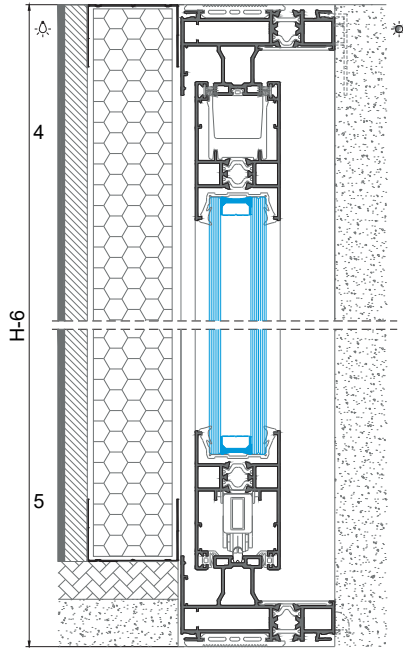
JANELA DE CORRER DE EMBUTIR COM 2 FOLHAS 1-RAIL (COM JUNTA DE REMATE)
2 SASHES POCKET SLIDING WINDOW 1-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À GALANDAGE 2 VANTAUX 1-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRÉS	
Lvidro(mm) GLASS VERRÉ	Hvidro(mm) GLASS VERRÉ
(L/2)-51	H-203

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
JE 64	ARO FIXO FIXED FRAME CADRE DORMANT	(Lx2)+169	H-6	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/2)+70	H-81	4+4	
JE 27	UNIÃO 3/4 FOLHAS UNION UNION	-	*	1	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-81	2	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
JE 61	PERFIL CRUZAMENTO CENTRAL CENTRAL	-	H-48	2	
JE 62	PERFIL P/ ISOLAMENTOS CENTRAL CENTRAL	-	H-6	2	
JE 63	PERFIL TAMPA COVER PROFILE PROFILÉ CAPOT	-	H-6	2	
KE 61	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H-6	2	
PE 91	PERFIL GUIA GUIDE GUIDE	(Lx2)+86	-	1	
AT 30	CAPA COVER CAPOT	-	H-81 H-48	2 2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	(Lx2)+131	H-49	2+2	

* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
Measures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

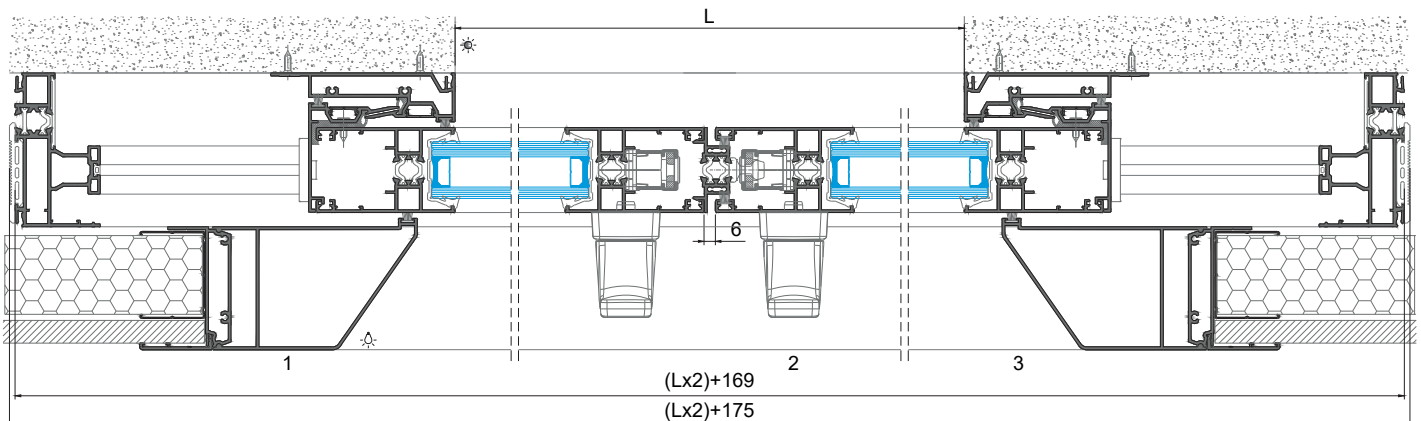


ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA MULTI-PONTO ELEV. ELEV.	MULTI-PONTO MULTI-PONTO MULTI-PONTO
	FERRAGEM ELEVATORIA LS 200 ELEVATORIAL HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	1 *
204155	ESQUADRO 18-3712 C BRACKET EQUERRE		4
204851	ESQUADRO 18-1412 C BRACKET EQUERRE		4
204901	ESQUADRO 18-1112 C JE BRACKET EQUERRE		16
213246	CANTO CR S/SB CORNER COIN		20
205105	CARRINHO JE 100 KG ROLLER ROULEAU	-	4
212086	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTESEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR		min. 4 **
212051	CONJUNTO TOPO JE 27 N°1 KIT N.1 END-CAP JE27 KIT N.1 EMBOUT JE27	1	1 OU 1 OU 1
212053	CONJUNTO TOPO JE 27 N°2 KIT N.2 END-CAP JE27 KIT N.2 EMBOUT JE27	-	1
210280	GOTEIRA SOS C/VÁLVULA DRAIN EGOUTTOIR		4
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRÉ		8
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS		2 Un./m

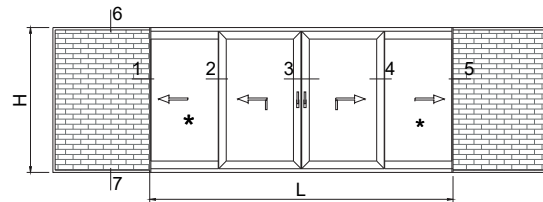
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

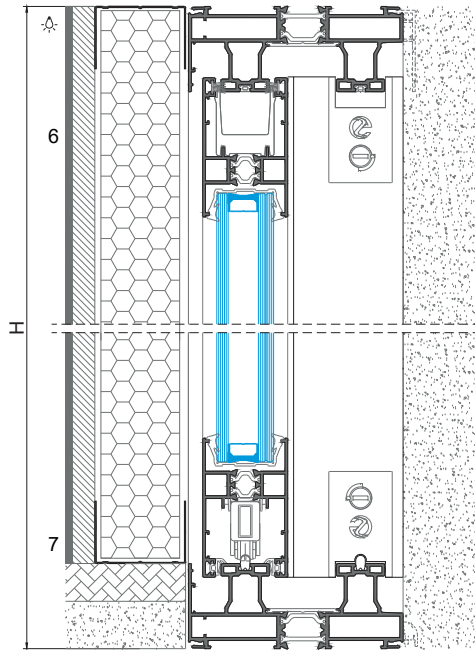
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA MULTI-PONTO ELEV. ELEV.	MULTI-PONTO MULTI-PONTO MULTI-PONTO
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT-BROSSE	8H+2L	8H+4L
208300	VD 2096	4H	4H
208298	VD 2065	2L	-
208299	U 2066	4H+2L	4H+2L
208414	VD 2026	2H+4L	2H+4L
208910	VD 2087	2H+4L	2H+4L



JANELA DE CORRER DE EMBUTIR COM 4 FOLHAS 2-RAIL (SEM JUNTA DE REMATE)
 4 SASHES POCKET SLIDING WINDOW 2-RAIL (WITHOUT JOINT)
 FENÊTRE COULLISSANT À GALANDAGE 4 VANTAUX 2-RAIL (SANS JOINT)



* Folha de correr, sem possibilidade de ser elevatória.
 Sliding leaf, with no possibility of being lift-up.
 Volet coulissant, sans possibilité d'être élévatoire.



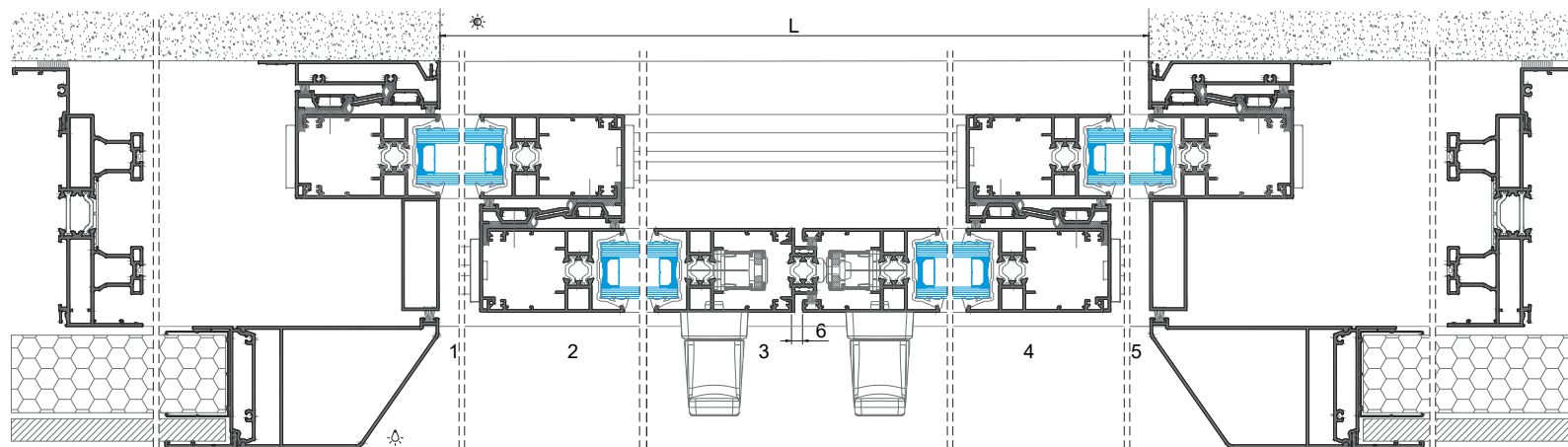
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE		QUANT. QUANTITE	CORTE CORTE
		HORIZONTAL COUPE HORIZ.	VERTICAL COUPE VERT.		
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	(3L+512)/2	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L+280)/4	H-75	8+8	
JE 27	UNIÃO 3/4 FOLHAS UNION UNION	-	*	1	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	6	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
JE 61	PERFIL CRUZAMENTO CENTRAL CENTRAL	-	H-42	2	
JE 62	PERFIL P/ ISOLAMENTOS PROFILE PROFILE	-	H	2	
JE 63	PERFIL TAMPA COVER PROFILE PROFILÉ CAPOT	-	H	2	
KE 61	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	2	
KE 62	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	2	
PE 91	PERFIL GUIA GUIDE GUIDE	(3L+344)/2	-	1	
AT 30	CAPA COVER CAPOT	-	H-75	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	(3L+436)/2	H-43	2+2	
KP 61	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H-75	2+2	

* Medidas de corte no pomenor de "Montagem de Acessórios - Conj. de Topos JE"
 Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
 Mesures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	* -
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	- 1 *
204155	ESQUADRO 18-3712 C	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUEURRE	32
213246	CANTO CR S/SB CORNER COIN	36
205105	CARRINHO JE 100 KG	- 8
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	- 1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	- 2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	3
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	min. 8 **
223073	KIT CORTA-VENTO ESP JE CENTRAL GASKET PIECE D'ETANCHEITE	- 3
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIECE D'ETANCHEITE ELEV. JE	3 -
212051	CONJUNTO TOPO JE 27 N°1 KIT N 1 END-CAP JE27 KIT N 1 EMBOUT JE27	1 1 ou OR OU
212053	CONJUNTO TOPO JE 27 N°2 KIT N 2 END-CAP JE27 KIT N 2 EMBOUT JE27	- 1
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE	4
290020	PARAFUSO PAR 006 SCREW VIS	1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM COUPE P/ VERRE	16
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	- Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	6 Un./m

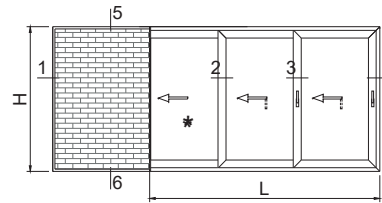
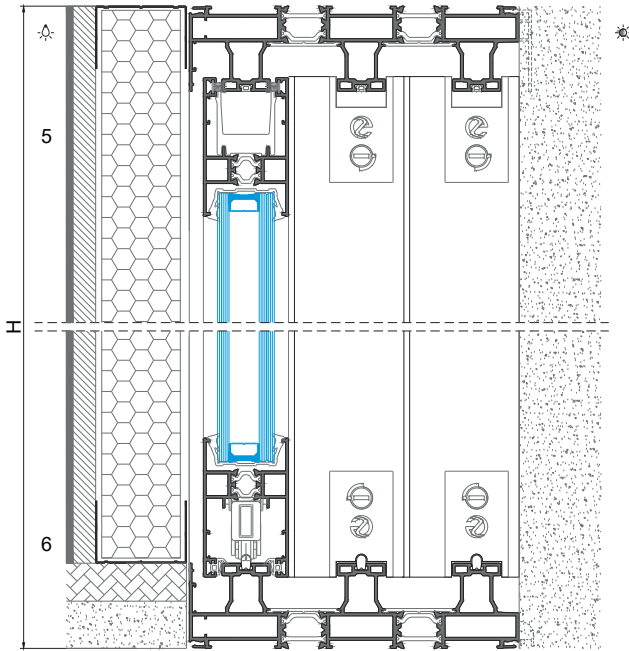
* Consultar Mapas de Ferragens
 Consult the Hardware Maps | Consulter la Carte des Ferrures
 ** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
 From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
 De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA ELEV. ELEV. ELEV.	MULTIP. MULTIP. MULTIP.
208460	PELLUCIA 7x7 STOP-FIN FLUSH JOINT BROSE	12H+3L	12H+4L
208300	VD 2096	8H	8H
208298	VD 2065	4H+L	4H
208299	U 2066	8H+2L	8H+2L
208414	VD 2026	4H+2L	4H+2L



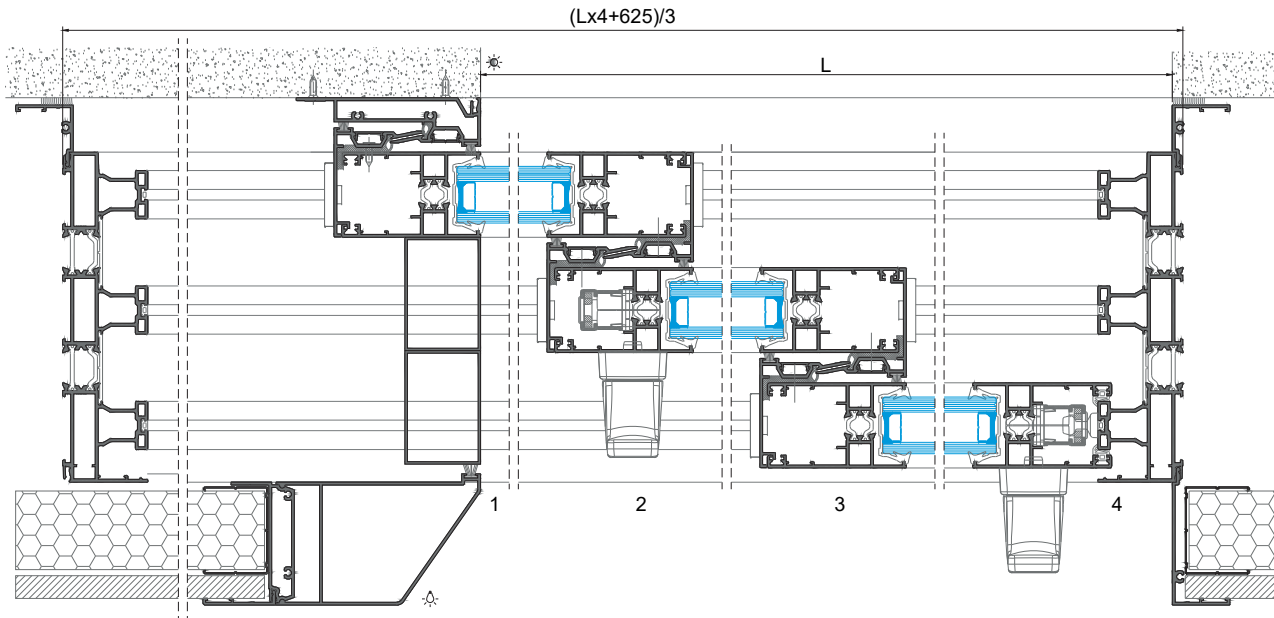
MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-209)/4	H-197

JANELA DE CORRER DE EMBUTIR COM 3 FOLHAS 3-RAIL (SEM JUNTA DE REMATE)
 3 SASHES POCKET SLIDING WINDOW 3-RAIL (WITHOUT JOINT)
 FENÊTRE COULLISSANT À GALANDAGE 2 VANTAUX 3-RAIL (SANS JOINT)



*Folha de correr, sem possibilidade de ser elevatória.
 Sliding leaf, with no possibility of being lift-up.
 Volet coulissant, sans possibilité d'être élévatoire.

MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRERES	
Lvidro(mm) GLASS VERRERES	Hvidro(mm) GLASS VERRERES
(L-186)/3	H-197



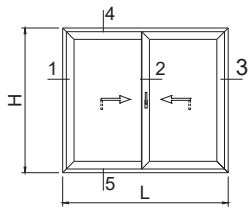
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JE 73	ARO FIXO FIXED FRAME CADRE DORMANT	(4L+625)/3	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L+180)/3	H-75	6+6	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	5	
JE 80	PERFIL PINGADEIRA Drip Profile LARMIER	L	-	1	
JE 61	PERFIL CRUZAMENTO CENTRAL CENTRAL	-	H-42	1	
JE 62	PERFIL P/ ISOLAMENTOS PROFILE PROFILÉ	-	H	1	
JE 63	PERFIL TAMPA COVER PROFILE PROFILÉ CAPOT	-	H	1	
KE 94	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	1	
KE 61	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	1	
KE 62	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H	2	
PE 91	PERFIL GUIA GUIDE GUIDE	(4L+373)/3	-	3	
AT 30	CAPA COVER CAPOT	-	H-75	6	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	(4L+511)/3	H-43	4+4	
KP 62	PERFIL REMATE TRIM PROFILE PROFILÉ DE FINITION	-	H-75	2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA LIFT ÉLÉV.	MULTI-PONTO MULTI-POINT
	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ÉLEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	1 *
204165	ESQUADRO 18-3712 C BRACKET ÉQUIERRE		8
204901	ESQUADRO 18-1112 C JE BRACKET ÉQUIERRE		24
213246	CANTO CR S/SB CORNER COIN		28
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		3
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR		min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	2
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	2	-
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE		4
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CAJO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRERES		12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS		5 Un./m

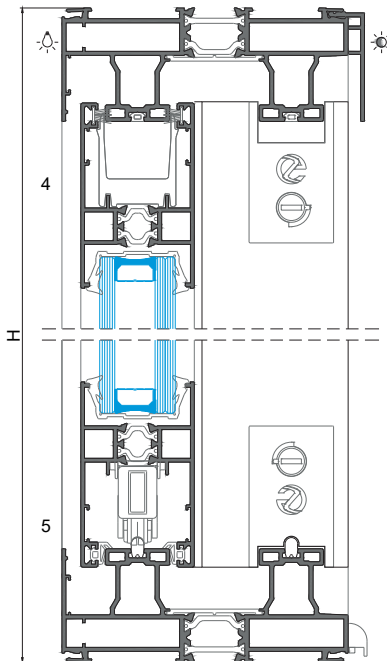
* Consultar Mapas de Ferragens
 Consult the Hardware Maps | Consulter la Carte des Ferrures
 ** De 0-1m = 2un/foha; De 1-2m = 3un/foha; De 2-3m = 4un/foha
 From 0-1m = 2un/sash; From 1- 2m = 3un/sash; From 2-3m = 4un/sash
 De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA LIFT ÉLÉV.	MULTI-PONTO MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	6H+2L+2L	6H+4L
208300	VD 2096	6H	6H
208298	VD 2065	2H+1L+1L	2H
208299	U 2066	6H+2L	6H+2L
208414	VD 2026	6H+4L	6H+4L

JANELA DE CORRER 2 FOLHAS 2-RAIL (SEM JUNTA DE REMATE)
2 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À 2 VANTAUX 2-RAIL (SANS JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L/2)-125	H-197

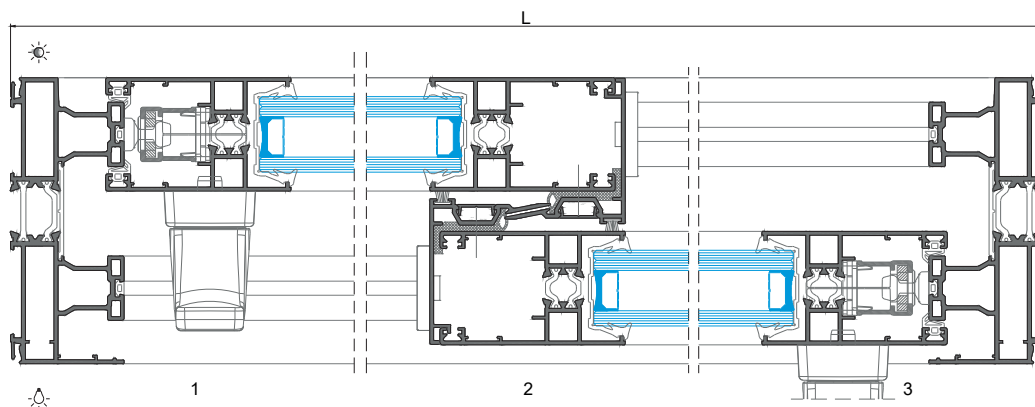


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/2)-3	H-75	4+4	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	2	
JE 80	PERFIL PINGADEIRA DRIP PROFILE L'ARRIÈRE	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	2	
AT 30	CAPA COVER CAPOT	-	H-75	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	

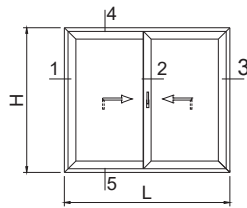
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEV.	MULTI-PONTO MULTIP.
-	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	2 *
204155	ESQUADRO 18-3712 C BRACKET EQUEURRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUEURRE	-	16
213246	CANTO CR S/SB CORNER COIN	-	20
205105	CARRINHO JE 100 KG GUIDE GUIDE	-	4
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	-	min. 4 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	1
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	1	-
210280	GOTEIRA SOS C/VÁLVULA DRAIN GOUTTIÈRE	-	2
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO PI VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE	-	8
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	2 Un./m

* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

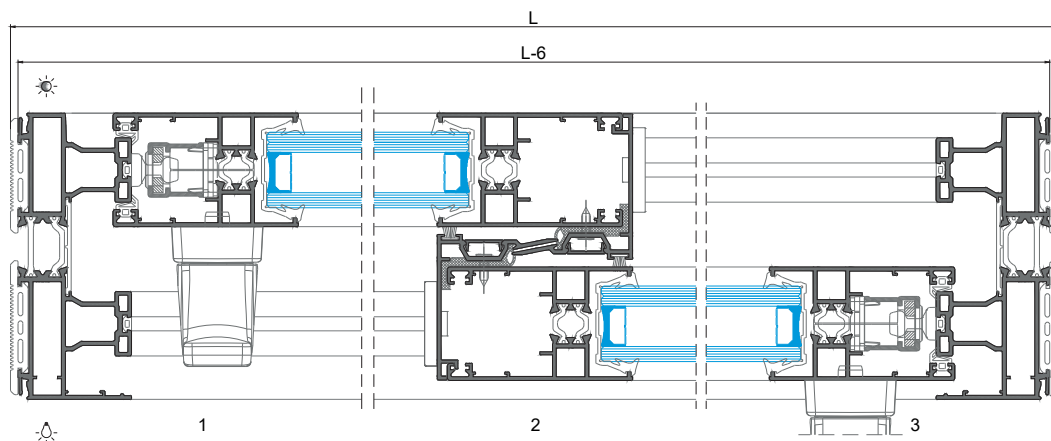
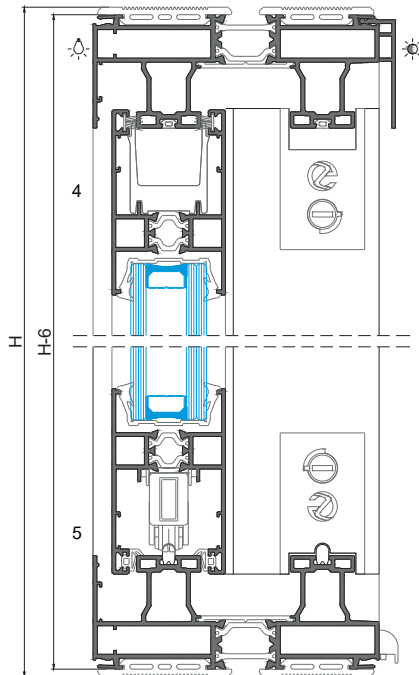
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEV.	MULTI-PONTO MULTIP.
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	2H+2L	3H+4L
208300	VD 2096	2H	2H
208298	VD 2065	4H+2L	4H
208299	U 2066	4H+2L	4H+2L
208414	VD 2026	4H+L	4H+2L



JANELA DE CORRER 2 FOLHAS 2-RAIL (COM JUNTA DE REMATE)
2 SASHES SLIDING WINDOW 2-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À 2 VANTAUX 2-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS/VERRE	Hvidro(mm) GLASS/VERRE
(L/2)-128	H-203



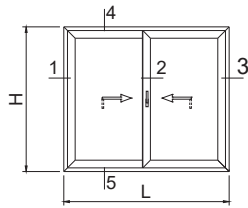
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L-6	H-6	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/2)-6	H-81	4+4	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-81	2	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-6	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-90	-	2	
AT 30	CAPA COVER CAPOT	-	H-81	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-44	H-49	2+2	

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA LIFT / ELEV.	MULTI-PONTO MULTI-POINT
-	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONTO	-	2 *
204155	ESQUADRO 18-3712 C BRACKET EQUERRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUERRE	-	16
213246	CANTO CR S/SB CORNER C/CO	-	20
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	4
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	-	min. 4 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE	-	1
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE ELEV. JE	1	-
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE	-	2
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM TALE POUR VERRE	-	8
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	2 Un./m

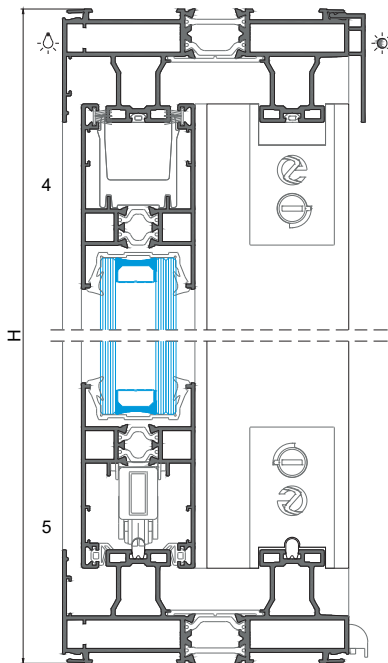
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
** De 0-1m = 2un/foiha; De 1-2m = 3un/foiha; De 2-3m = 4un/foiha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA LIFT / ELEV.	MULTI-PONTO MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BRUSSE	2H+2L	2H+4L
208300	VD 2096	2H	2H
208298	VD 2065	4H+2L	4H
208299	U 2066	4H+2L	4H+2L
208414	VD 2026	4H+2L	4H+2L
206909	VD 2086	2H+2L	2H+2L
208910	VD 2087	2H+2L	2H+2L

JANELA DE CORRER 2 FOLHAS 2-RAIL (SEM JUNTA DE REMATE) - Com perfis JE 58 + JE 15
2 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT) - With JE 58 + JE 15 profiles
FENÊTRE COULLISSANT À 2 VANTAUX 2-RAIL (SANS JOINT) - Avec profilés JE 58 + JE



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRÉS	
Lvidro(mm) GLASS VÉRRE	Hvidro(mm) GLASS VÉRRE
(L/2)-105	H-197

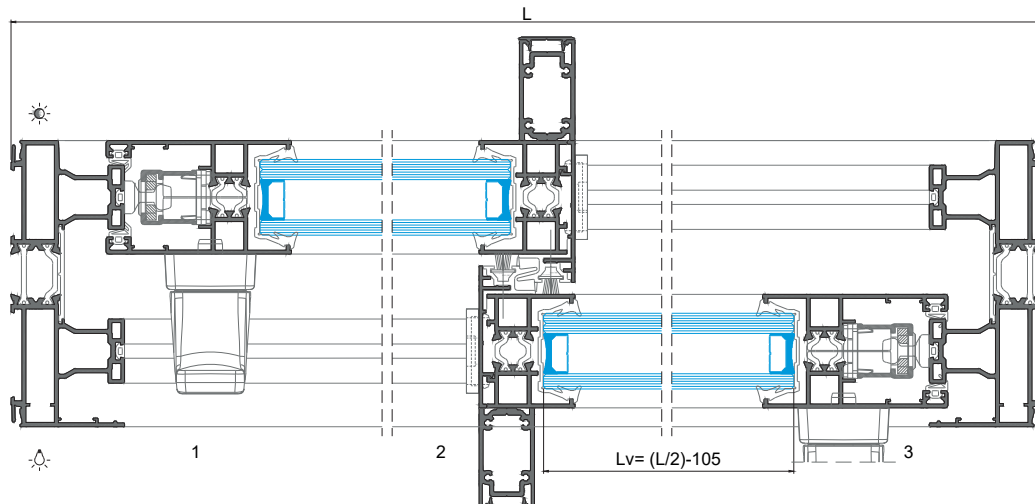


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITÉ	CORTE CUT COUPE
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/2)+16	H-75	4+2	
JE 58	ARO MÓVEL MOBILE FRAME OUVRANT	-	H-152	2	
JE 15	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	2	
JE 35	PERFIL REFORÇO REINFORCEMENT RENFORCEMENT	-	H-110	2	
OS 30	CAPA COVER CAPOT	-	H-110	2	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	
VD 2196	PERFIL PVC PVC PROFILE PROFILÉ PVC	-	H-75	2	

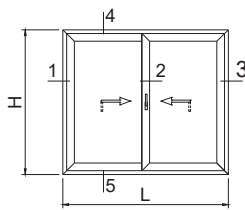
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA ELEV. ELEV.	MULTI-PONTO MULTI-POINT
	FERRAGEM ELEVATORIA LS 200 LS-200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	2 *
204155	ESQUADRO 18-3712 C BRACKET ÉQUERRE		8
204901	ESQUADRO 18-1112 C JE BRACKET ÉQUERRE		16
213246	CANTO CR S/SB CORNER COIN		12
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	4
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PO SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR		min. 4 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	1
223104	KIT CORTA-VENTO ESP. ELEVATORIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	1	-
210280	GOTEIRA SOS C/VÁLVULA DRIP BOUTIERE		2
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CALÇO PI VIDRO 79X40X3 GLAZING SHIM CALE POUR VÉRRE		8
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290052	PARAFUSO DIN 7982 INOX 3,5 x 16 SCREW VIS		Diversos Diverses Divers
210069	TOPO JE 35 PRT END-CAP EMBOUT		4

- * Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
- ** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

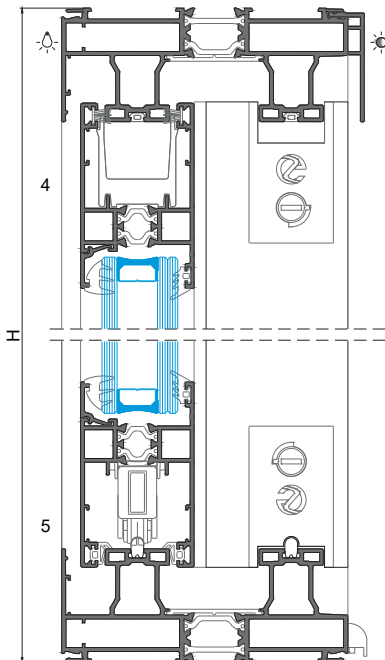
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA ELEV. ELEV.	MULTI-PONTO MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	2L	4L
208460	PELUCIA 9.5x8 8P QF PLUSH JOINT BROUSSE	2H	2H
208298	VD 2065	4H+2L	4H
208299	U 2066	4H+2L	4H+2L
208414	VD 2026	4H+2L	4H+2L



JANELA DE CORRER 2 FOLHAS 2-RAIL (SEM JUNTA DE REMATE) - Com perfis JE 59 + JE 95 + JE 15
2 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT) - With JE 58 + JE 95 + JE 15 profiles
FENÊTRE COULLISSANT À 2 VANTAUX 2-RAIL (SANS JOINT) - Avec profilés JE 58 + JE 95 + JE



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L/2)-105	H-197

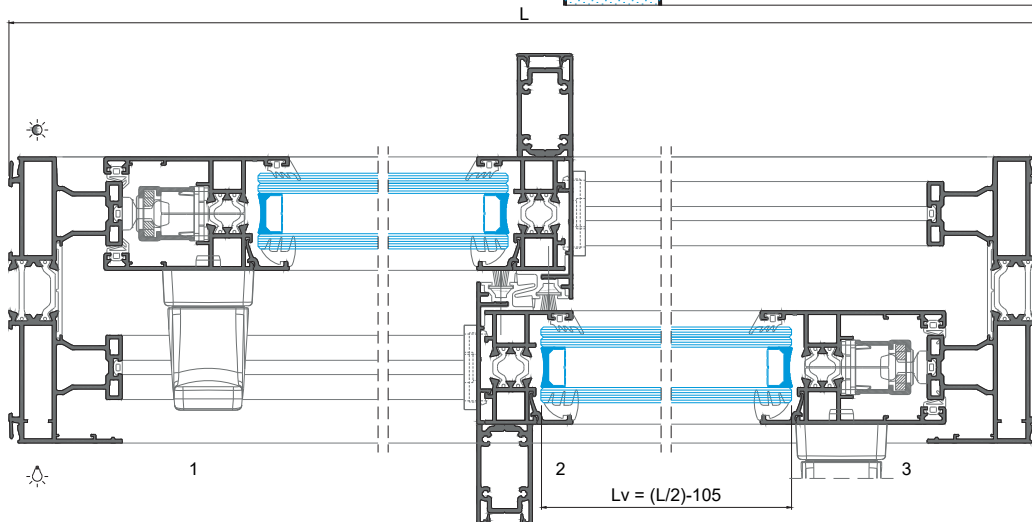


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT	CORTE VERT. VERTICAL CUT	QUANT. QUANTITY	CORTE CUT
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 17	ARO MÓVEL MOBILE FRAME LOUVRANT	(L/2)+16	H-75	4+2	
JE 59	ARO MÓVEL MOBILE FRAME LOUVRANT	-	H-152	2	
JE 95	BITE GLAZING BEAD PARCLOSE	L-102	H-222	4+4	
JE 15	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	2	
JE 35	PERFIL REFORÇO REINFORCEMENT RENFORCEMENT	-	H-110	2	
OS 30	CAPA COVER CAPOT	-	H-110	2	
JE 80	PERFIL PINGADEIRA GUIDE GUIDE L'ARRIERE	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	
VD 2195	PERFIL PVC PVC PROFILE PROFILÉ PVC	-	H-75	2	

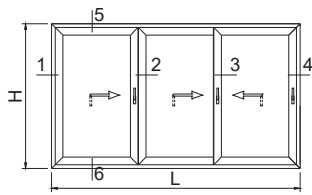
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA ELEVATOR	MULTI- PONTO MULTI-POINT
	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTI- PONTO JE MULTI-POINT HARDWARE SERRURE MULTI-POINT	-	2 *
204155	ESQUADRO 18-3712 C		8
204901	ESQUADRO 18-1112 C JE		16
213246	CANTO CR S/SB CORNER COIN		12
205105	CARRINHO JE 100 KG	-	4
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR		min. 4 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	1
223104	KIT CORTA-VENTO ESP. ELEVATORIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	1	-
210280	GOTEIRA SOS C/ÁLVULA DIP GOUTTIÈRE		2
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE		8
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290052	PARAFUSO DIN 7982 INOX 3,5 x 16 SCREW VIS		Diversos Divers
210069	TOPO JE 35 PRT END-CAP EMBOUT		4

* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

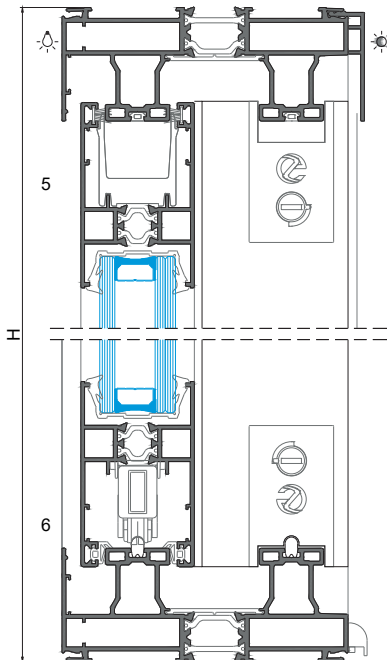
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA ELEVATOR	MULTI- PONTO MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	2L	4L
208460	PELUCIA 9 5x8 8P QF PLUSH JOINT BROUSSE	2H	2H
208298	VD 2065	4H+2L	4H
208350	VD 2003	4H+2L	4H+2L
	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	4H+2L	4H+2L
208414	VD 2026	4H+2L	4H+2L



JANELA DE CORRER 3 FOLHAS 2-RAIL (SEM JUNTA DE REMATE)
3 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À 3 VANTAUX 2-RAIL (SANS JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS WIDTH	Hvidro(mm) GLASS HEIGHT
(L/3)-126	H-197



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
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/3)-4	H-75	6+6	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	2	
JE 27	UNIÃO 3/4 FOLHAS UNION UNIC	-	*	1	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	2	
AT 30	CAPA COVER CAPOT	-	H-75	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	

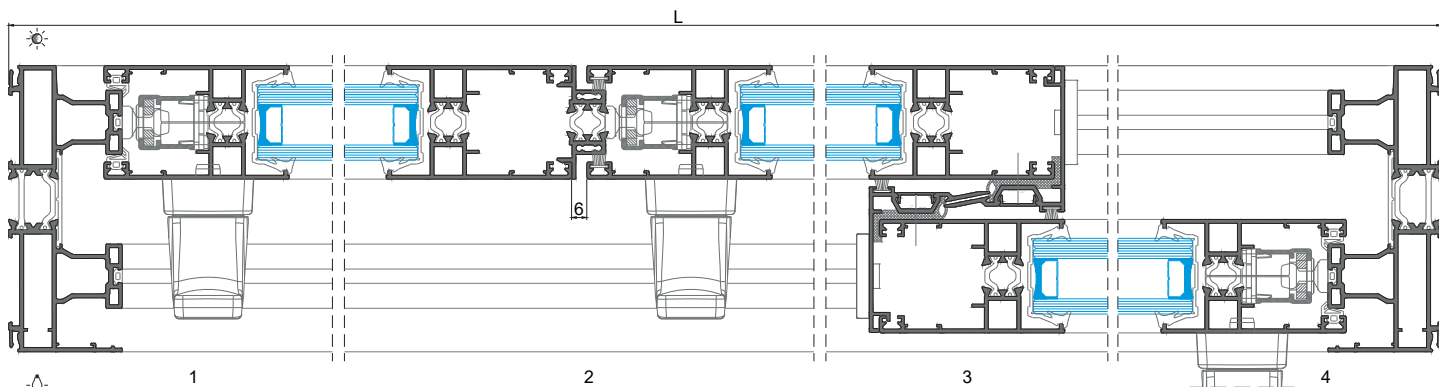
* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
Mesures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA MULTI-PONTO SUPP./ELEV.	MULTI-PONTO MULTI-PONTO M.P./M.P.
-	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	2 *	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	3 *
204155	ESQUADRO 18-3712 C BRACKET EQUEURRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUEURRE	-	24
213246	CANTO CR S/SB CORNER COIN	-	28
205105	CARRINHO JE 100 KG ROLLER ROULEAU JE	-	6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PO SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	-	min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	2
223104	KIT CORTA-VENTO ESP. ELEVATORIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	2	-
212051	CONJUNTO TOPO JE 27 Nº1 KIT N.º1 END-CAP JE27 KIT N.º1 EMBOUT JE27	1	1 OU OR OU
212053	CONJUNTO TOPO JE 27 Nº2 KIT N.º2 END-CAP JE27 KIT N.º2 EMBOUT JE27	-	1
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE	-	4
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO PI VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE	-	12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	2 Un./m

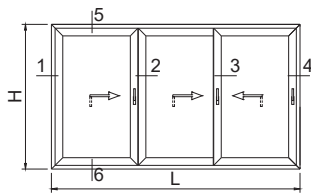
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/foha; De 1-2m = 3un/foha; De 2-3m = 4un/foha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

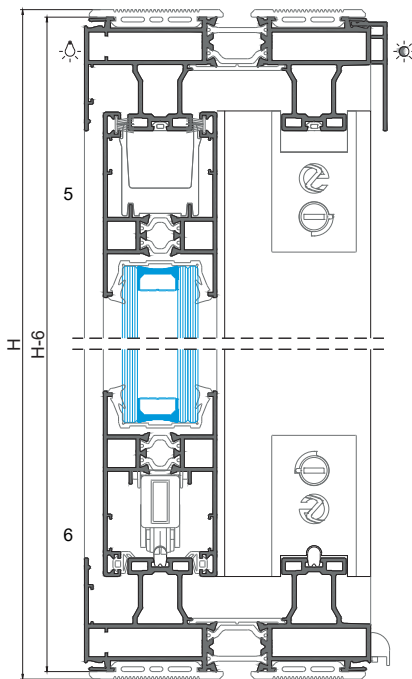
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
		ELEVATORIA MULTI-PONTO SUPP./ELEV.	MULTI-PONTO MULTI-PONTO M.P./M.P.
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	4H+2L	4H+4L
208300	VD 2096	2H	2H
208298	VD 2065	4H+2L	4H
208299	U 2066	6H+2L	6H+2L
208414	VD 2026	4H+2L	4H+2L



JANELA DE CORRER 3 FOLHAS 2-RAIL (COM JUNTA DE REMATE)
3 SASHES SLIDING WINDOW 2-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À 3 VANTAUX 2-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS / VERRE	Hvidro(mm) GLASS / VERRE
(L/3)-128	H-203



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
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L-6	H-6	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/3)-6	H-81	6+6	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-81	2	
JE 27	UNIÃO 3/4 FOLHAS UNION JOINT	-	*	1	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L-6	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-90	-	2	
AT 30	CAPA COVER CAPOT	-	H-81	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-44	H-49	2+2	

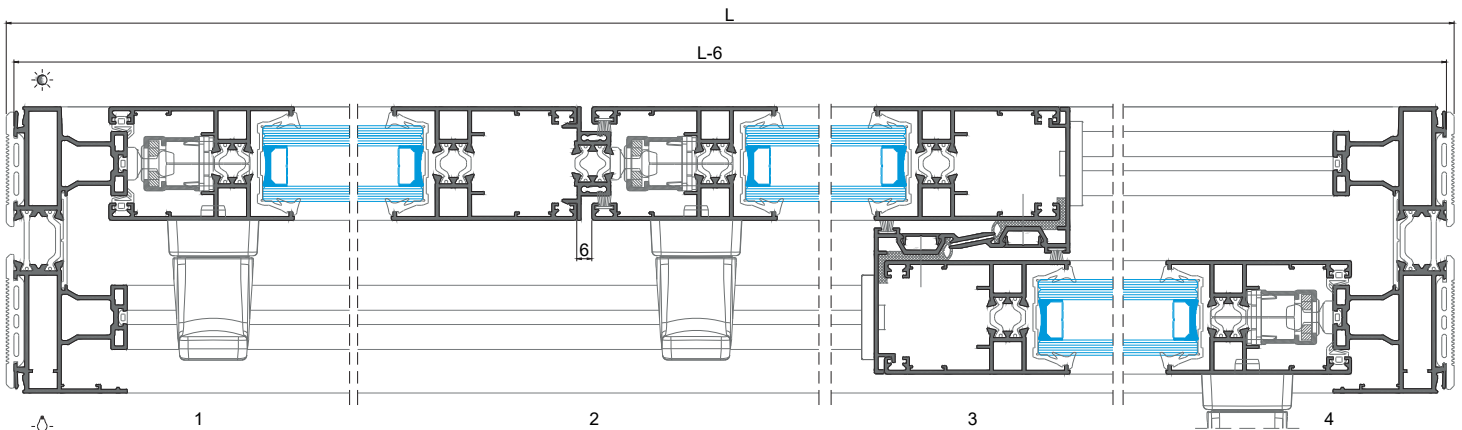
* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
Mesures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEVATEUR	MULTI-PONTO MULTI-POINT
-	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPOINT	-	3 *
204155	ESQUADRO 18-3712 C BRACKET EQUEURRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUEURRE	-	24
213246	CANTO CR S/SB CORNER COIN	-	28
205105	CARRINHO JE 100 KG CARRIAGE ROULEAU JE	-	6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PO SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	1
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	-	min. 6 **
212051	CONJUNTO TOPO JE 27 N°1 KIT N.1 END-CAP JE27 KIT N.1 EMBOUT JE27	1	1 OU OR / OU
212053	CONJUNTO TOPO JE 27 N°2 KIT N.2 END-CAP JE27 KIT N.2 EMBOUT JE27	-	1
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	2
223104	KIT CORTA-VENTO ESP. ELEVATORIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	2	-
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIERE	-	4
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO PI VIDRO 79X40X3 GLAZING SHIM GALETE POUR VERRE	-	12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	2 Un./m

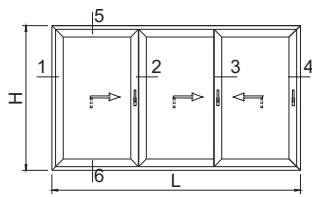
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATORIA ELEVATEUR	MULTI-PONTO MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BRUSSE	4H+2L	4H+4L
208300	VD 2096	2H	2H
208298	VD 2065	4H+2L	4H
208299	U 2066	6H+2L	6H+2L
208414	VD 2026	4H+2L	4H+2L
208909	VD 2086	2H+2L	2H+2L
208910	VD 2087	2H+2L	2H+2L

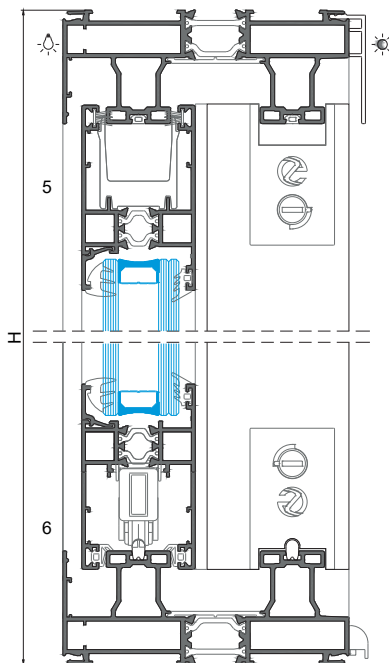


JANELA DE CORRER 3 FOLHAS 2-RAIL (SEM JUNTA DE REMATE) - Com perfis JE 59 + JE 95 + JE 15
3 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT) - With JE 58 + JE 95 + JE 15 profiles
FENÊTRE COULLISSANT À 3 VANTAUX 2-RAIL (SANS JOINT) - Avec profilés JE 58 + JE 95 + JE



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L-222)/3	H-197

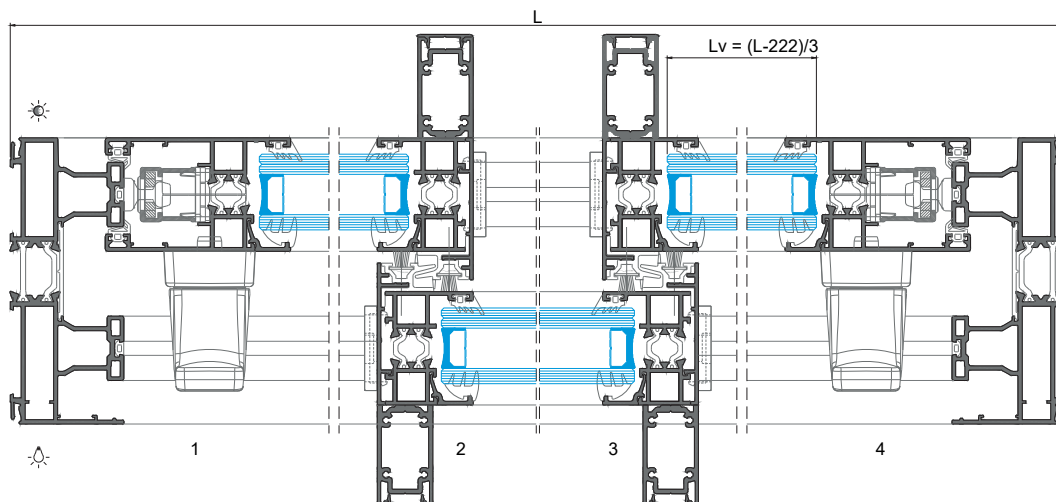
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 17	ARO MÓVEL MOBILE FRAME OUVRANT	(L+143)/3	H-75	6+2	
JE 59	ARO MÓVEL MOBILE FRAME OUVRANT	-	H-152	2	
JE 95	BITE GLAZING BEAD PARCLOSE	(L-300)/3	H-222	6+6	
JE 15	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	4	
JE 35	PERFIL REFORÇO REINFORCEMENT RENFORCEMENT	-	H-110	4	
OS 30	CAPA COVER CAPOT	-	H-110	4	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	2	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	
VD 2195	PERFIL PVC PVC PROFILE PROFILÉ PVC	-	H-75	4	



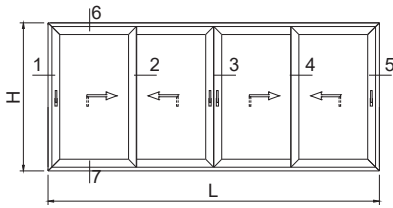
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE
-	FERRAGEM ELEVATÓRIA LS 200 LIFT ROLLING HARDWARE SERRURE ELEVATOIRE LS 200	* -
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	- 2 *
204155	ESQUADRO 18-3712 C BRACKET EQUERRE	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUERRE	24
213246	CANTO CR S/SB	12
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	- 6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	- 1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	- 2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	2
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPÉRIEUR	min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	- 2
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	2 -
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIÈRE	3
290020	PARAFUSO PAR 006 SCREW VIS	1 Un./m
218109	CALÇO PI VIDRO 79X40X3 GLAZING BEAD CALE PVC VERRE	12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	- Variável Variable
290052	PARAFUSO DIN 7982 INOX 3.5 x 16 SCREW VIS	Diversos Divers
210069	TOPO JE 35 PRT END-CAP EMBOUT	8

- * Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
- ** De 0-1m = 2un/foha; De 1-2m = 3un/foha; De 2-3m = 4un/foha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROSSE	2L	4L
208460	PELUCIA 9.5x8 8P QF PLUSH JOINT BROSSE	4H	4H
208298	VD 2065	4H+2L	4H
208350	VD 2003	6H+2L	6H+2L
	JUNTA INTERIOR GLAZING WEDGE GASKET JOINT INTÉRIEUR	6H+2L	6H+2L
208414	VD 2026	4H+2L	4H+2L

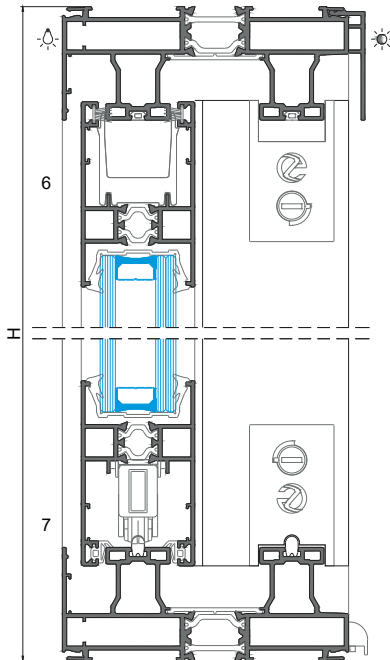


JANELA DE CORRER 4 FOLHAS 2-RAIL (SEM JUNTA DE REMATE)
4 SASHES SLIDING WINDOW 2-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À 4 VANTAUX 2-RAIL (SANS JOINT)



MEDIDAS VIDROS
GLAZING MEASURES
DIMENSIONS DES VERRES

Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L/4)-108	H-197



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
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/4)+15	H-75	8+8	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	4	
JE 27	UNIÃO 3/4 FOLHAS CENTRAL UNITER LIMITEUR D'OUVERTURE	-	*	1	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	2	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	1	
AT 30	CAPA CAPOT CAPOT	-	H-75	4	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	2+2	

* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA ELEV. ELEV.	MULTI-PONTO MULTI-POINT MULTI-POINT
-	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	3 *
204155	ESQUADRO 18-3712 C BRACKET EQUERRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET EQUERRE	-	32
213246	CANTO CR S/SB CORNER COIN	-	36
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	8
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	2
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	-	min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE	-	3
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE ELEV. JE	3	-
212051	CONJUNTO TOPO JE 27 N°1 KIT N.1 END-CAP JE27 KIT N.1 EMBOUT JE27	1	1 OU 1 OU 1
212053	CONJUNTO TOPO JE 27 N°2 KIT N.2 END-CAP JE27 KIT N.2 EMBOUT JE27	-	1
210280	GOTEIRA SOS C/VÁLVULA Drip ESCALTIÈRE	-	4
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE	-	16
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	4 Un./m

* Consultar Mapas de Ferragens

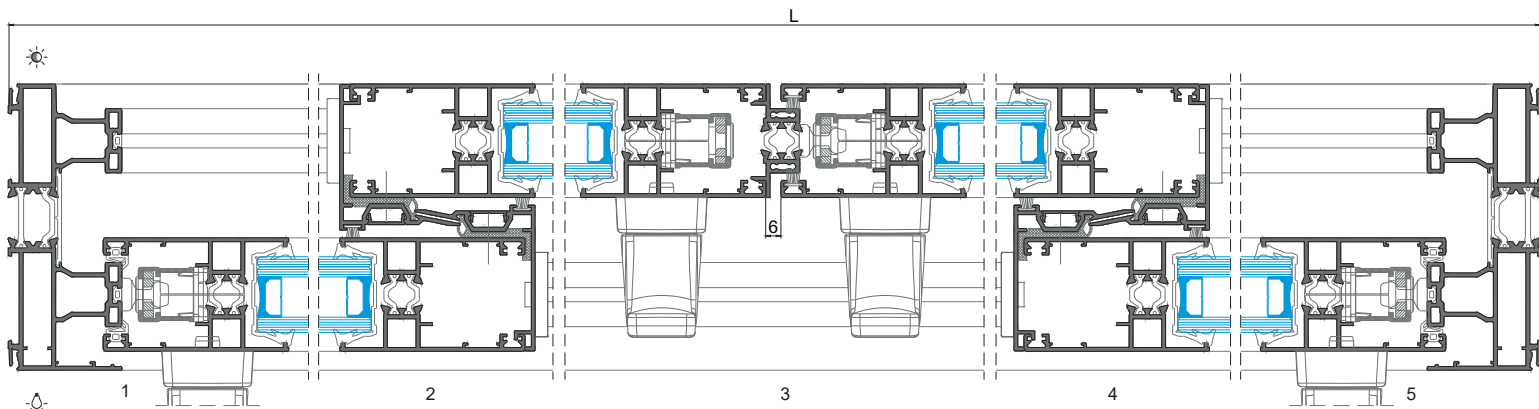
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/foalha; De 1-2m = 3un/foalha; De 2-3m = 4un/foalha

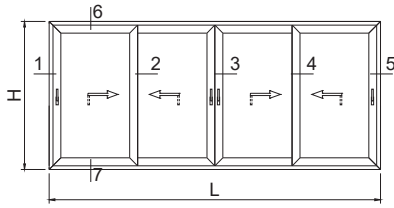
From 0-1m = 2un/sash; From 1- 2m = 3un/sash; From 2-3m = 4un/sash

De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

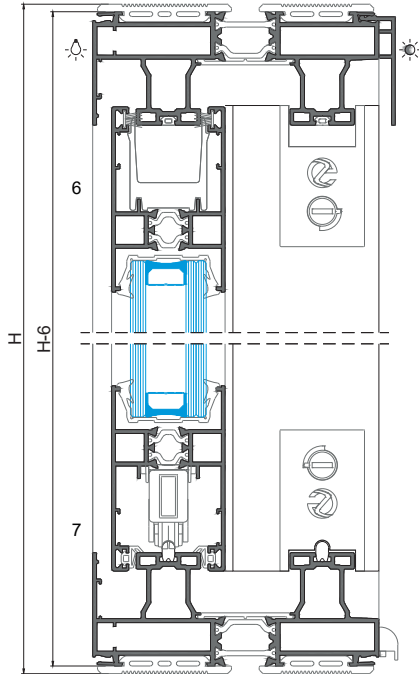
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA ELEV. ELEV.	MULTI-PONTO MULTI-POINT MULTI-POINT
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT-BROSSE	6H+2L	6H+4L
208300	VD 2096	4H	4H
208298	VD 2065	4H+2L	4H
208299	U 2066	8H+2L	8H+2L
208414	VD 2026	4H+2L	4H+2L



JANELA DE CORRER 4 FOLHAS 2-RAIL (COM JUNTA DE REMATE)
4 SASHES SLIDING WINDOW 2-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À 4 VANTAUX 2-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS / VERRE	Hvidro(mm) GLASS / VERRE
(L/4)-109	H-203



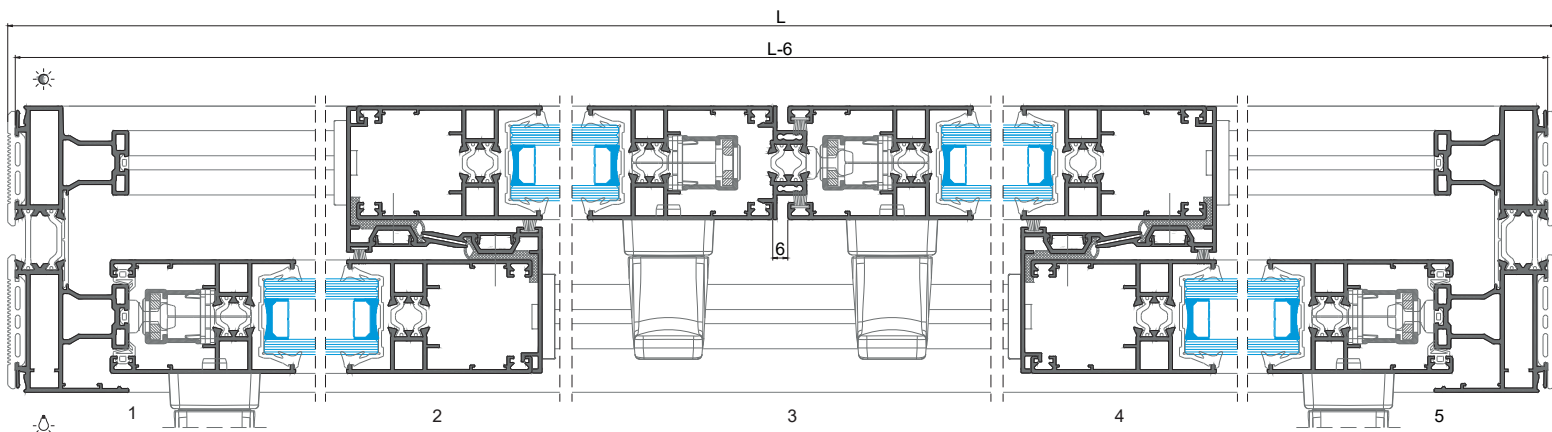
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	CORTE HORIZ. HORIZONTAL CUT / COUPE HORIZ.	CORTE VERT. VERTICAL CUT / COUPE VERTICALE	QUANT. QUANTITY / QUANTITÉ	CORTE CUT / COUPE
JE 02	ARO FIXO FIXED FRAME CADRE DORMANT	L-6	H-6	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/4)+13	H-81	8+8	
JE 14	PERFIL CENTRAL CENTRAL PROFILE / PROFILÉ CENTRAL	-	H-81	4	
JE 27	UNIÃO 3/4 FOLHAS UNION / UNION	-	*	1	
JE 80	PERFIL PINGADEIRA DRIP PROFILE / L'ARMIER	L-6	-	1	
PE 91	PERFIL GUIA GUIDE / GUIDE	L-90	-	2	
AT 30	CAPA COVER / CAPOT	-	H-81	4	
JE 96	PERFIL PVC PVC PROFILE / PROFILÉ PVC	L-44	H-49	2+2	

* Medidas de corte no pormenor de "Montagem de Acessórios - Conj. de Topos JE"
Cut measures on the detail of "Accessories Assembly - JE End-caps Kit"
Mesures de coup dans le détail de "Assemblage des Access. - Kits d'embouts JE"

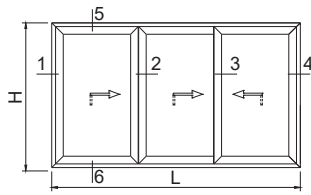
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANTIDADE QUANTITY / QUANTITÉ	
		ELEVATORIA ELEV. / ELEV.	MULTI-PONTO MULTI-POINT / MULTIPUNKT
	FERRAGEM ELEVATORIA LS 200 LS 200 LIFTING HARDWARE / SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE / SERRURE MULTIPOINT	-	3 *
204155	ESQUADRO 18-3712 C BRACKET / EQUERRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET / EQUERRE	-	32
213246	CANTO CR S/SB CORNER / COIN	-	36
205105	CARRINHO JE 100 KG ROLLER JE / ROULEAU JE	-	8
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH SHOCKERS / KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PO SÉRIE CORRER OPENING LIMITER / LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT / KIT DE GUIDES	-	2
207093	GUIAS SUPERIOR JE ZIPPER GUIDE / GUIDE SUPERIEUR	-	min. 8 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET / PIECE D'ETANCHEITE	-	3
223104	KIT CORTA-VENTO ESP. ELEVATORIA JE LIFT JE CENTRAL GASKET / PIECE D'ETANCHEITE ELEV. JE	3	-
212051	CONJUNTO TOPO JE 27 N°1 KIT N.1 END-CAP JE27 / KIT N.1 EMBOUT JE27	1	1 OU 1 OR 1
212053	CONJUNTO TOPO JE 27 N°2 KIT N.2 END-CAP JE27 / KIT N.2 EMBOUT JE27	-	1
210280	GOTEIRA SOS C/VÁLVULA DRIP / GOUTTIERE	-	4
290020	PARAFUSO PAR 006 SCREW / VIS	-	1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM / CALE POUR VERRE	-	16
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT / KIT FIXATION POUR SERRURE MULTIP.	-	Variaável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW / VIS	-	4 Un./m

* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

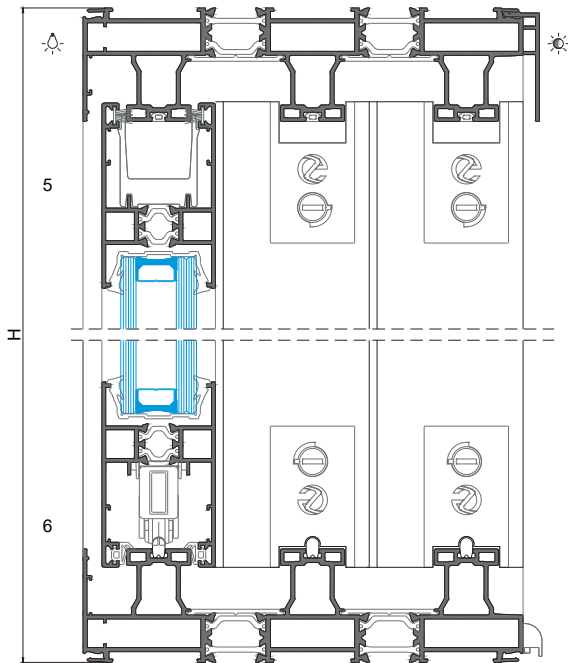
VEDANTES SEALS JOINTS			
CÓDIGO CODE / CODE	DESIGNAÇÃO DESIGNATION / NOMINATION	QUANTIDADE QUANTITY / QUANTITÉ	
		ELEVATORIA ELEV. / ELEV.	MULTI-PONTO MULTI-POINT / MULTIPUNKT
208460	PELUCIA 7x7 STOP-FIN PLUSH / JOINT BROUSSE	6H+2L	6H+4L
208300	VD 2096	4H	4H
208298	VD 2065	4H+2L	4H
208299	U 2066	8H+2L	8H+2L
208414	VD 2026	4H+2L	4H+2L
208909	VD 2086	2H+2L	2H+2L
208910	VD 2087	2H+2L	2H+2L



JANELA DE CORRER 3 FOLHAS 3-RAIL (SEM JUNTA DE REMATE)
3 SASHES SLIDING WINDOW 3-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À 3 VANTAUX 3-RAIL (SANS JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L/3)-101	H-197



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
JE 73	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME LOUVRANT	(L/3)+21	H-75	6+6	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	4	
JE 80	PERFIL PINGADEIRA DIP PROFILE L'ARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	3	
AT 30	CAPA COVER CAPOT	-	H-75	4	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	4+4	

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA ELEV. ÉLEV.	MULTI-PONTO MULTI-POINT M.P.P. M.P.P.
	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	2 *
204155	ESQUADRO 18-3712 C BRACKET ÉQUIERRE		8
204901	ESQUADRO 18-1112 C JE BRACKET ÉQUIERRE		24
213246	CANTO CR S/SB CORNER COIN		28
205105	CARRINHO JE 100 KG ROLLER ROULEAU JE	-	6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT WITH ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		2
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR		min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	2
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	2	-
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIÈRE		4
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE		12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS		4 Un./m

* Consultar Mapas de Ferragens

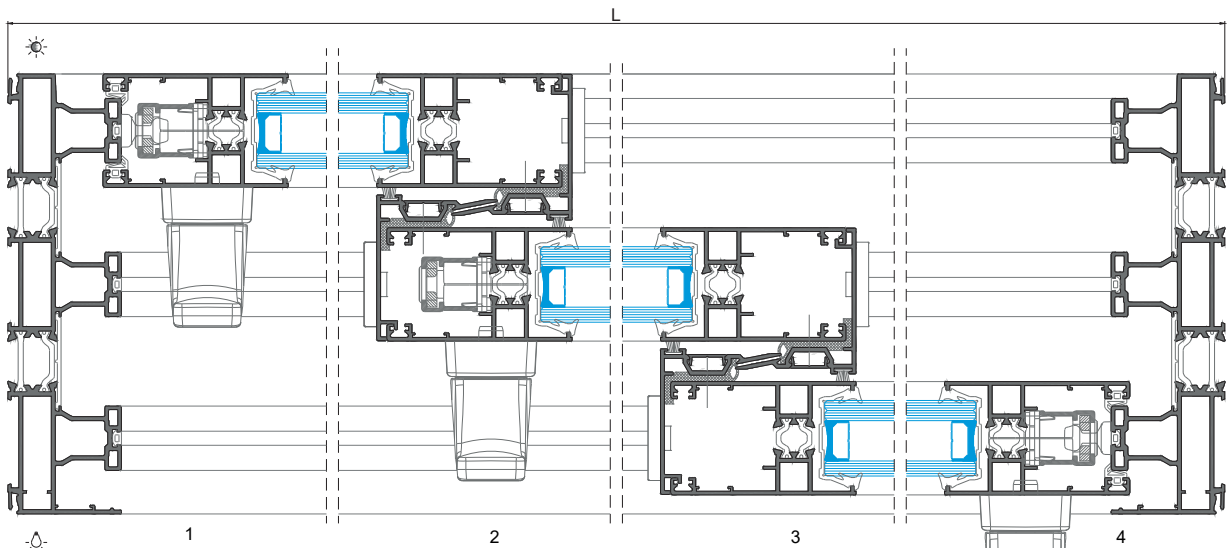
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha

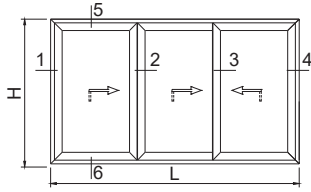
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash

De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

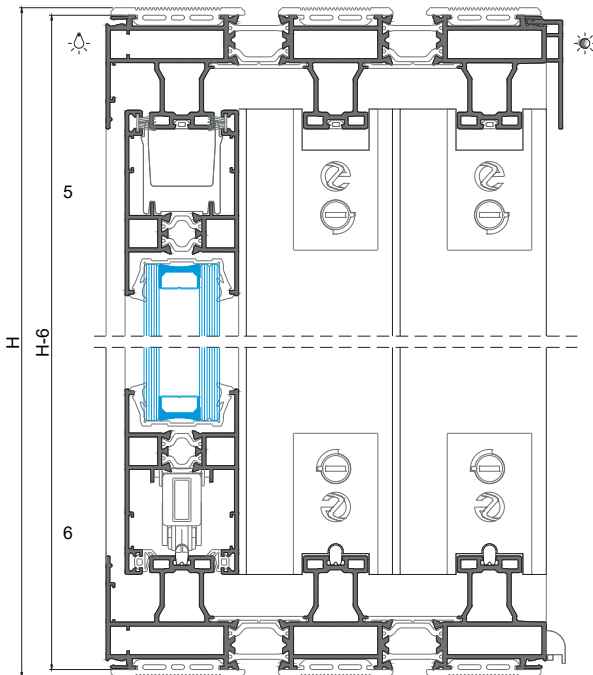
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA ELEV. ÉLEV.	MULTI-PONTO MULTI-POINT M.P.P. M.P.P.
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	4H+2L	4H+4L
208300	VD 2096	4H	4H
208298	VD 2065	4H+2L	4H
208299	U 2066	6H+2L	6H+2L
208414	VD 2026	6H+3L	6H+3L



JANELA DE CORRER 3 FOLHAS 3-RAIL (COM JUNTA DE REMATE)
3 SASHES SLIDING WINDOW 3-RAIL (WITH JOINT)
FENÊTRE COULLISSANT À 3 VANTAUX 3-RAIL (AVEC JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS VERRE	Hvidro(mm) GLASS VERRE
(L/3)-103	H-203



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
JE 73	ARO FIXO FIXED FRAME CADRE DORMANT	L-6	H-6	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/3)+19	H-81	6+6	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-81	4	
JE 80	PERFIL PINGADEIRA Drip Profile L'ARRIERE	L-6	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-90	-	3	
AT 30	CAPA COVER CAPOT	-	H-81	4	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-44	H-49	4+4	

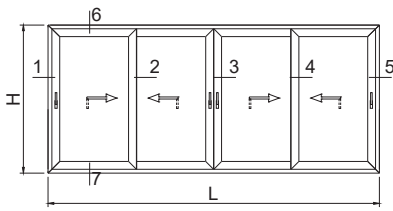
ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA LIFT ÉLÉV.	MULTI-PONTO MULTIP M.P.
-	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONTO	-	2 *
204155	ESQUADRO 18-3712 C BRACKET ÉQUERRE	-	8
204901	ESQUADRO 18-1112 C JE BRACKET ÉQUERRE	-	24
213246	CANTO CR S/SB CORNER CORN	-	28
205105	CARRINHO JE 100 KG ROLLER ROULEAU	-	6
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	2
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	-	2
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPÉRIEUR	-	min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE	-	2
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHÉITE ELEV. JE	2	-
210280	GOTEIRA SOS CIVÁLVULA Drip GOUTTIÈRE	-	4
290020	PARAFUSO PAR 006 SCREW VIS	-	1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALE POUR VERRE	-	12
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variaível Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	-	4 Un./m

- * Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
- ** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

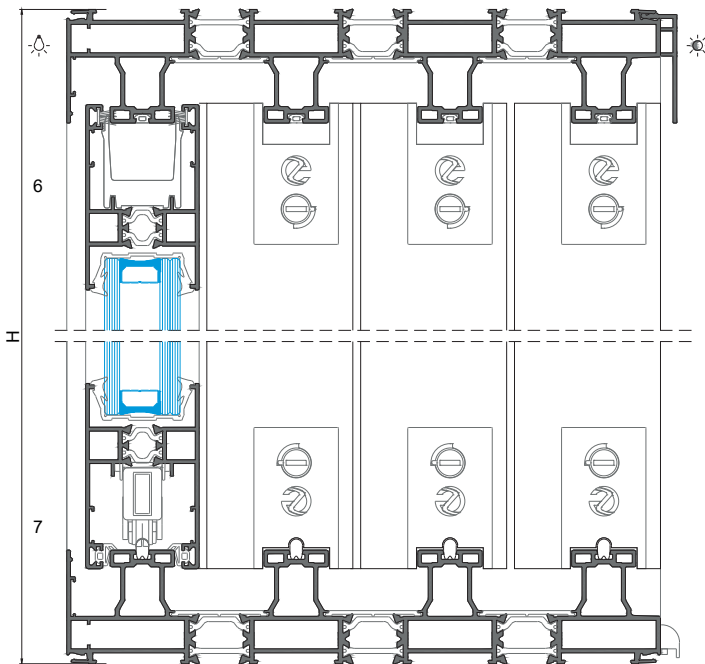
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA LIFT ÉLÉV.	MULTI-PONTO MULTIP M.P.
208460	PELUCIA 7x7 STOP-FIN PLUSH JOINT BROUSSE	4H+2L	4H+4L
208300	VD 2096	4H	4H
208298	VD 2065	4H+2L	4H
208299	U 2066	6H+2L	6H+2L
208414	VD 2026	6H+3L	6H+3L



JANELA DE CORRER 4 FOLHAS 4-RAIL (SEM JUNTA DE REMATE)
4 SASHES SLIDING WINDOW 4-RAIL (WITHOUT JOINT)
FENÊTRE COULLISSANT À 4 VANTAUX 4-RAIL (SANS JOINT)



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRES	
Lvidro(mm) GLASS / VERRE	Hvidro(mm) GLASS / VERRE
(L/4)-89	H-197

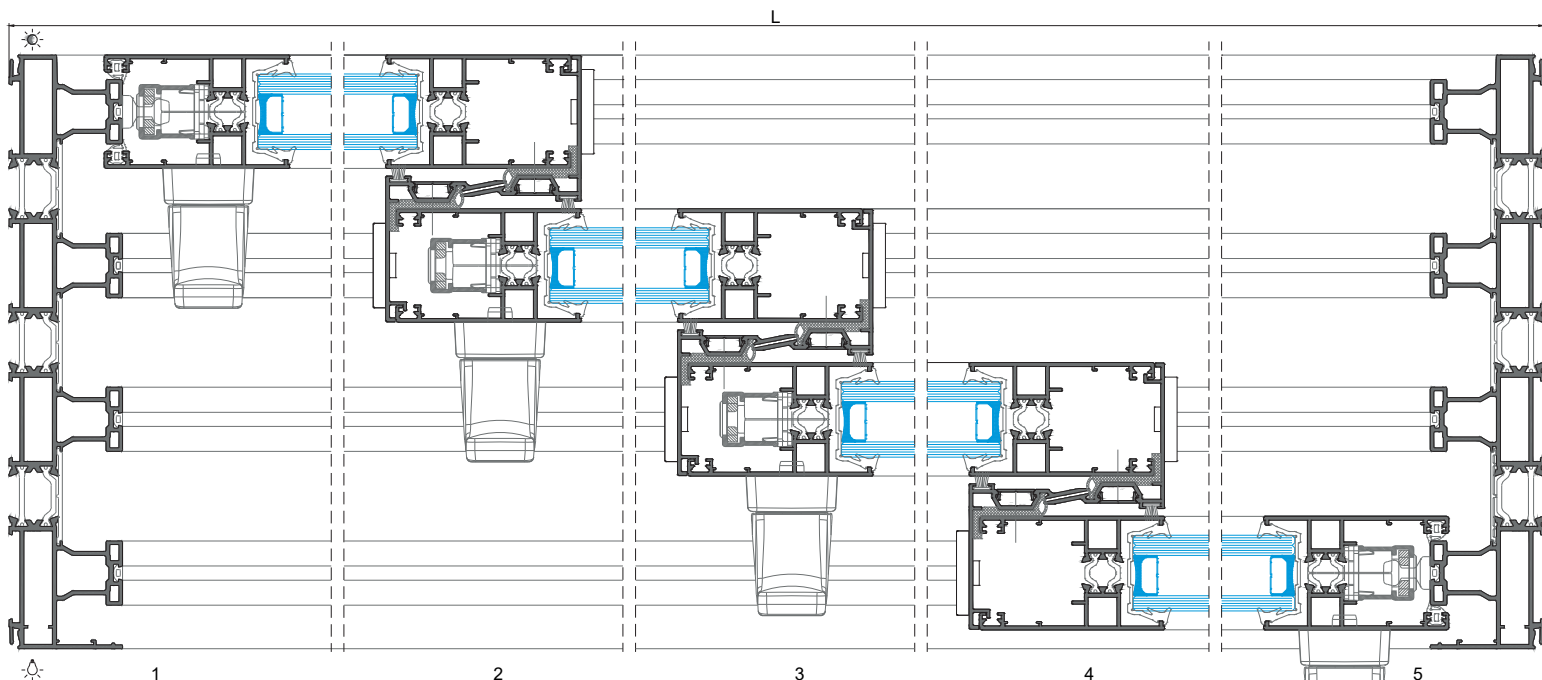


PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTIC.	QUANT. QUANTITY	CORTE CUT
JE 74	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 57	ARO MÓVEL MOBILE FRAME OUVRANT	(L/4)+33	H-75	8+8	
JE 14	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	4	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	4	
AT 30	CAPA COVER CAPOT	-	H-75	6	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-40	H-43	6+6	

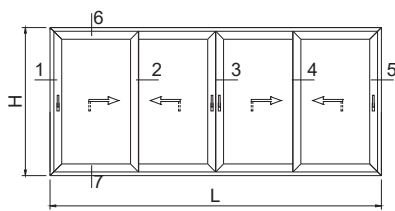
ACESSÓRIOS ACCESSORIES ACCESSOIRES		
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ
-	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	* -
-	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	- 2 *
204155	ESQUADRO 18-3712 C BRACKET EQUEURRE	16
204901	ESQUADRO 18-1112 C JE BRACKET EQUEURRE	32
213246	CANTO CR S/SB	36
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	- 8
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	- 1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER LIMITER AMPLIÉ D'OUVERTURE	- 3
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES	3
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPERIEUR	min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTRANGHEITE	- 3
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTRANGHEITE ELEV. JE	3 -
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIÈRE	4
290020	PARAFUSO PAR 006 SCREW VIS	1 Un./m
218109	CALÇO P/ VIDRO 79x40x3 GLASS SHIM DALS POUR VERRE	16
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	- Variável Variable
290260	PARAFUSO PAR 001 1/2X8 INOX CQ SCREW VIS	6 Un./m

- * Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures
- ** De 0-1m = 2un/folha; De 1-2m = 3un/folha; De 2-3m = 4un/folha
From 0-1m = 2un/sash; From 1-2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

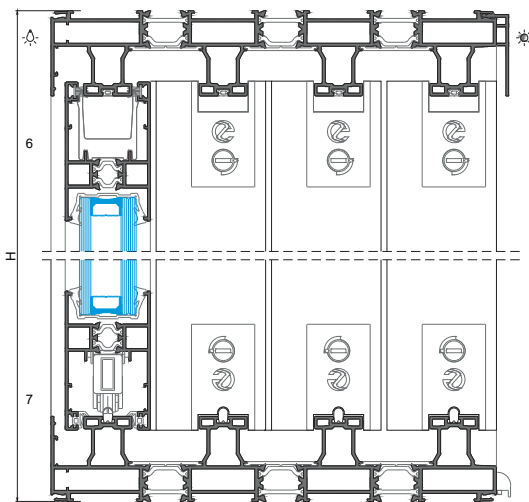
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITÉ	
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BROUSSE	6H+2L	6H+4L
208300	VD 2096	6H	6H
208298	VD 2065	4H+2L	4H
208299	U 2066	8H+2L	8H+2L
208414	VD 2026	8H+4L	8H+4L



JANELA DE CORRER 4 FOLHAS 4-RAIL (SEM JUNTA DE REMATE) - Com perfis JE 59 + JE 95 + JE 15
4 SASHES SLIDING WINDOW 4-RAIL (WITHOUT JOINT) - With JE 58 + JE 95 + JE 15 profiles
FENÊTRE COULLISSANT À 4 VANTAUX 4-RAIL (SANS JOINT) - Avec profilés JE 58 + JE 95 + JE



MEDIDAS VIDROS GLAZING MEASURES DIMENSIONS DES VERRÉS	
Lvidro(mm) GLASS VERRÉ	Hvidro(mm) GLASS VERRÉ
(L-237)/4	H-197



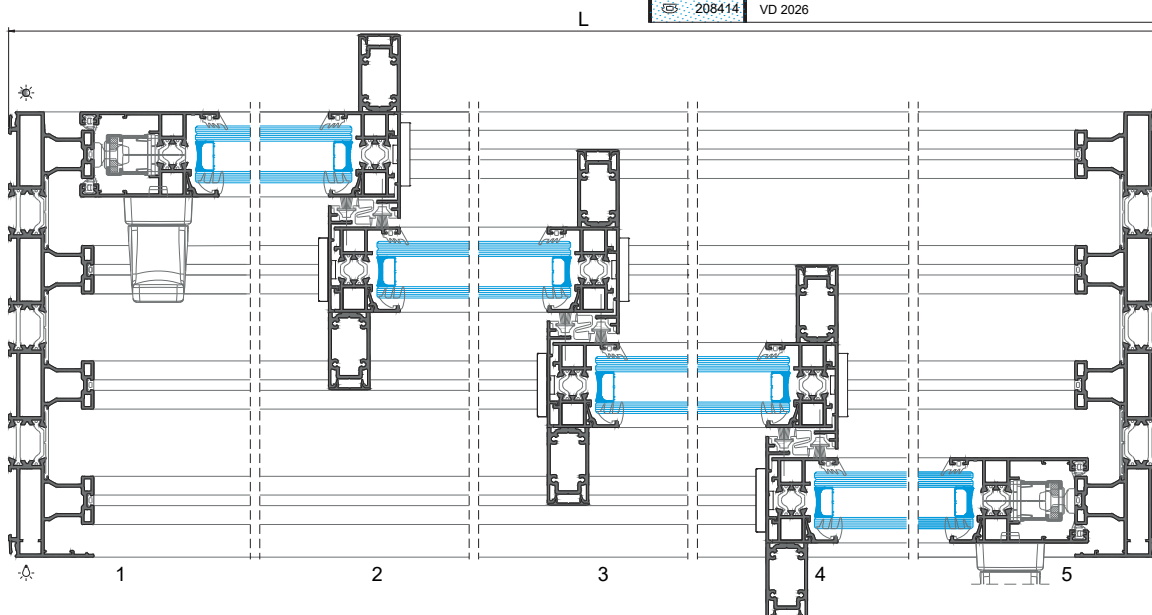
PERFIS PROFILES PROFILÉS					
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	CORTE HORIZ. HORIZONTAL CUT COUPE HORIZ.	CORTE VERT. VERTICAL CUT COUPE VERTICALE	QUANT. QUANTITY QUANTITE	CORTE CUT COUPE
JE 74	ARO FIXO FIXED FRAME CADRE DORMANT	L	H	2+2	
JE 17	ARO MÓVEL MOBILE FRAME OUVRANT	(L+251)/4	H-75	8+2	
JE 59	ARO MÓVEL MOBILE FRAME OUVRANT	-	H-152	6	
JE 95	BITE GLAZING BEAD PARCLOSE	(L-223)/4	H-222	8+8	
JE 15	PERFIL CENTRAL CENTRAL PROFILE PROFILÉ CENTRAL	-	H-75	6	
JE 35	PERFIL REFORÇO REINFORCEMENT RENFORCEMENT	-	H-110	6	
OS 30	CAPA COVER CAPOT	-	H-110	6	
JE 80	PERFIL PINGADEIRA DRIP PROFILE LARMIER	L	-	1	
PE 91	PERFIL GUIA GUIDE GUIDE	L-84	-	4	
JE 96	PERFIL PVC PVC PROFILE PROFILÉ PVC	L-38	H-43	6+6	
VD 2198	PERFIL PVC PVC PROFILE PROFILÉ PVC	-	H-75	6	

ACESSÓRIOS ACCESSORIES ACCESSOIRES			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA MULTI-PONTO LIFT / ELEV.	MULTI-PONTO LIFT / MULTIP.
	FERRAGEM ELEVATÓRIA LS 200 LS 200 LIFTING HARDWARE SERRURE ELEVATOIRE LS 200	*	-
	FERRAGEM MULTIPONTO JE MULTIPOINT HARDWARE SERRURE MULTIPONT	-	2 *
204155	ESQUADRO 18-3712 C BRACKET EQUERRE		16
204901	ESQUADRO 18-1112 C JE BRACKET EQUERRE		32
213246	CANTO CR S/SB		36
205105	CARRINHO JE 100 KG ROLLER JE ROULEAU JE	-	8
212056	CONJUNTO GUIAS COM AMORTECEDOR JE GUIDES KIT ABSORBERS KIT DE GUIDES AMORTISSEURS	-	1
228107	LIMITADOR ABERTURA PQ SÉRIE CORRER OPENING LIMITER LIMITEUR D'OUVERTURE	-	3
212102	CONJUNTO GUIAS JE GUIDES KIT KIT DE GUIDES		3
207093	GUIAS SUPERIOR JE UPPER GUIDE GUIDE SUPÉRIEUR		min. 6 **
223073	KIT CORTA-VENTO ESP. JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE	-	3
223104	KIT CORTA-VENTO ESP. ELEVATÓRIA JE LIFT JE CENTRAL GASKET PIÈCE D'ÉTANCHEÏTE ELEV. JE	3	-
210280	GOTEIRA SOS C/VÁLVULA DRIP GOUTTIÈRE		4
290020	PARAFUSO PAR 006 SCREW VIS		1 Un./m
218109	CALÇO P/ VIDRO 79X40X3 GLAZING SHIM CALS POUR VERRÉ		16
212017	CONJ. FIX. FERRAGEM MULTIP. MULTIP. HARDWARE FIXATION KIT KIT FIXATION POUR SERRURE MULTIP.	-	Variável Variable
290052	PARAFUSO DIN 7982 INOX 3,5 x 16 SCREW VIS		Diversos Divers
210069	TOPO JE 35 PRT END-CAP EMBOUT		12

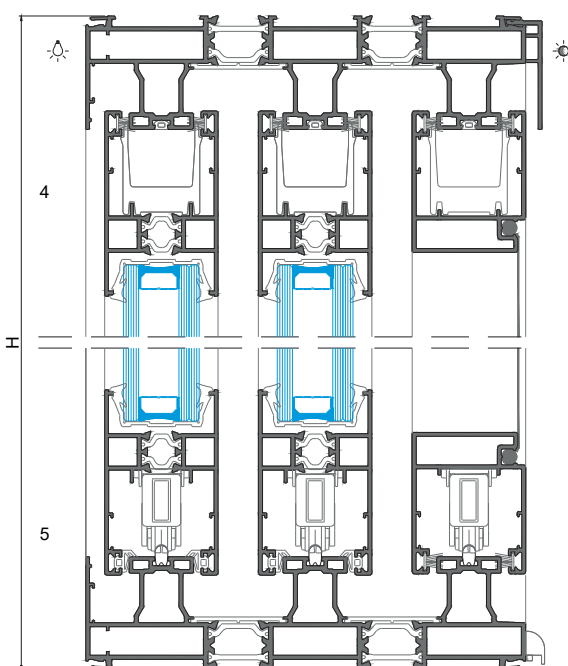
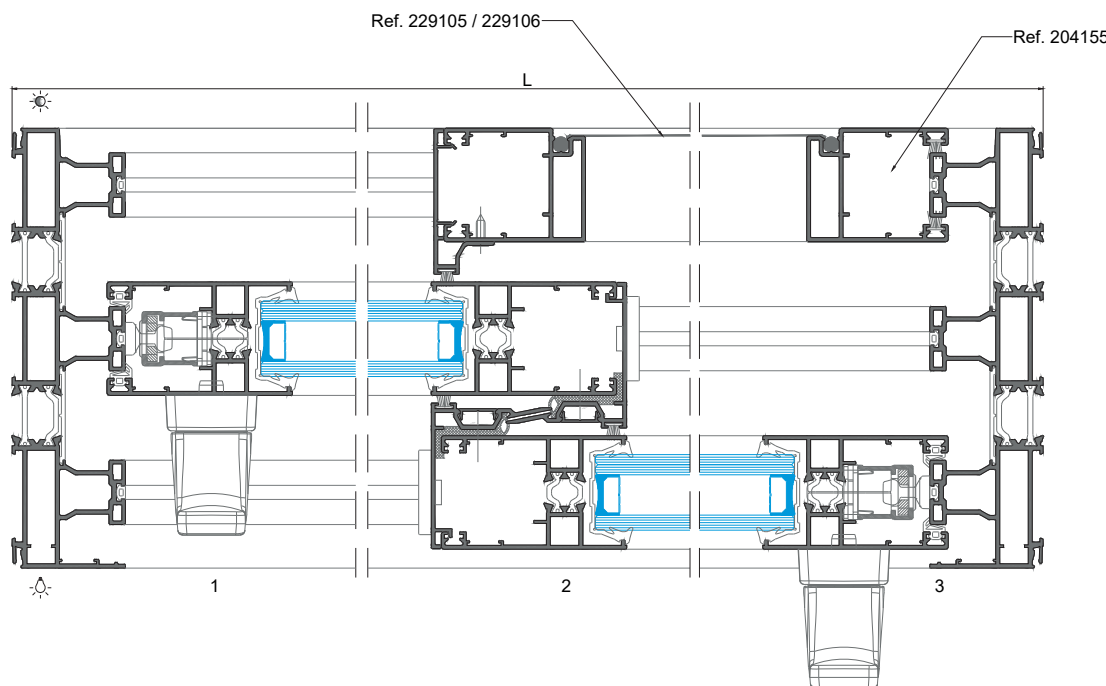
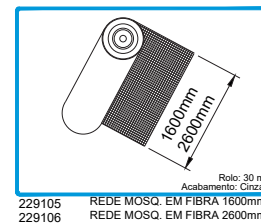
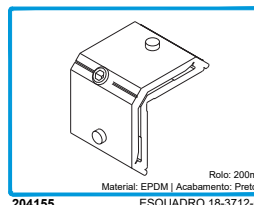
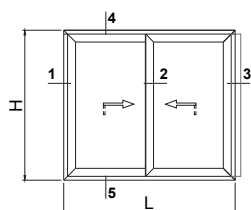
* Consultar Mapas de Ferragens
Consult the Hardware Maps | Consulter la Carte des Ferrures

** De 0-1m = 2un/foha; De 1-2m = 3un/foha; De 2-3m = 4un/foha
From 0-1m = 2un/sash; From 1- 2m = 3un/sash; From 2-3m = 4un/sash
De 0-1m = 2un/vantail; De 1-2m = 3un/vantail; De 2-3m = 4un/vantail

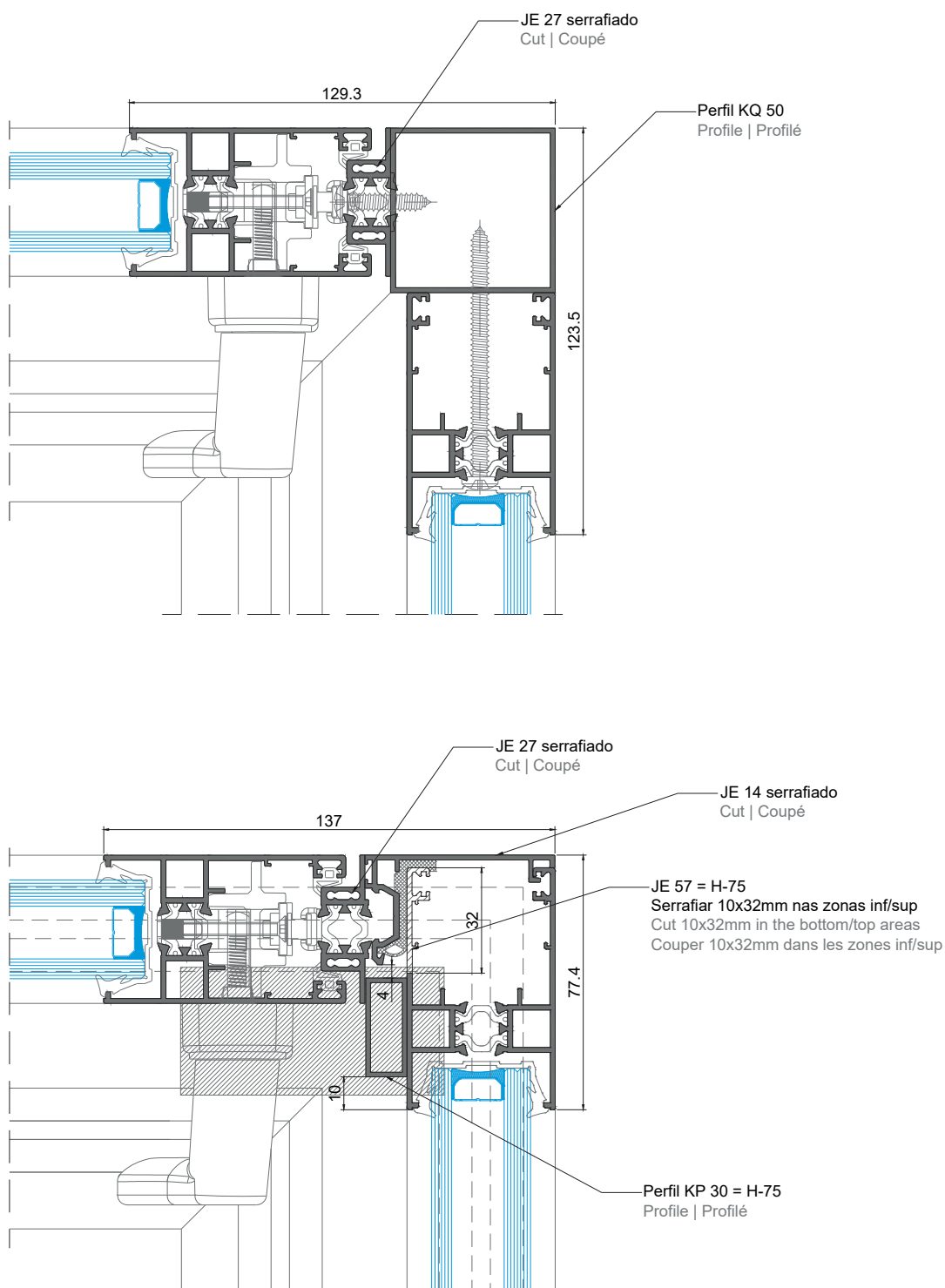
VEDANTES SEALS JOINTS			
CÓDIGO CODE CODE	DESIGNAÇÃO DESIGNATION NOMINATION	QUANTIDADE QUANTITY QUANTITE	
		ELEVATÓRIA MULTI-PONTO LIFT / ELEV.	MULTI-PONTO LIFT / MULTIP.
208460	PELUCIA 7x7 STOP-FIN FLUSH JOINT BROUSSE	6H+2L	6H+4L
208300	VD 2096	6H	6H
208298	VD 2065	4H+2L	4H
208299	U 2066	8H+2L	8H+2L
208414	VD 2026	8H+4L	8H+4L



JANELA DE CORRER 2 FOLHAS + REDE MOSQUITEIRA
2 SASHES SLIDING WINDOW + MOSQUITO NET
FENÊTRE COULLISSANT À 2 VANTAUX + MOUSQUITAIRE

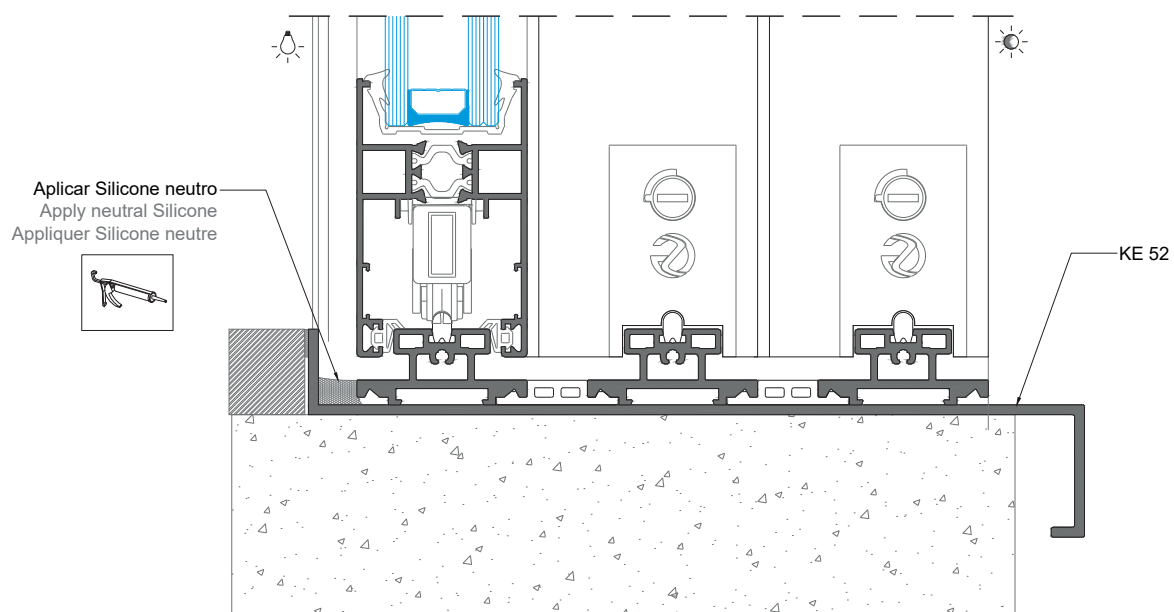
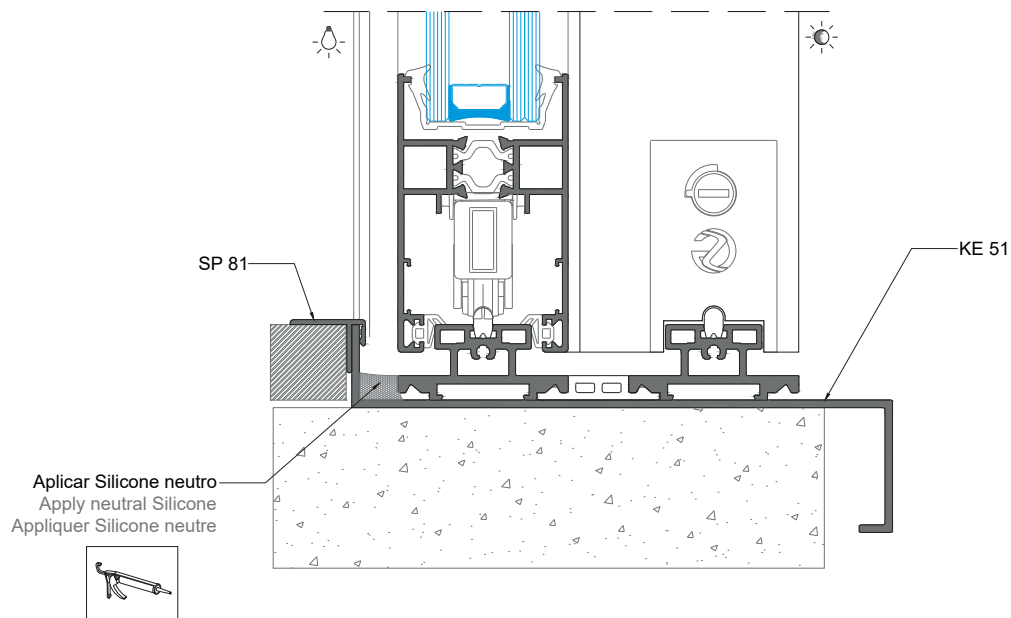


EXEMPLOS DE TIPOLOGIAS DE CANTO
EXAMPLES OF CORNER TYPOLOGIES
EXEMPLES DE TYPOLOGIE EN ANGLE

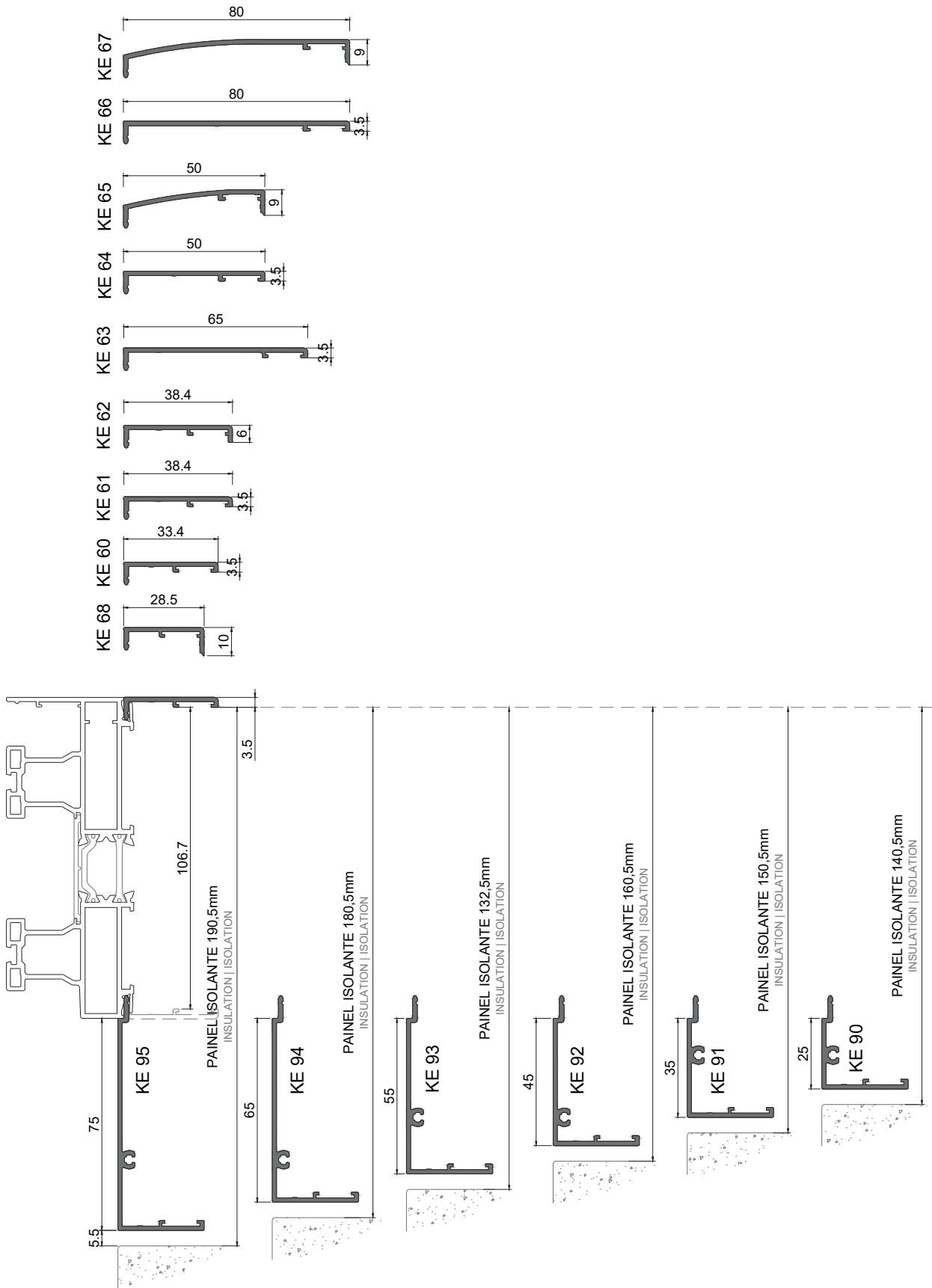


Consultar o Gabinete Técnico para obter as medidas de corte e os conj. topos canto JE, indicando a tipologias de canto em obra.
Consult the Technical Department for the cutting dimensions and assemblies. JE corner tops, indicating the types of corners on site.
Consulter le Département Technique pour les cotes de coupe et les montages. Dessus d'angle JE, indiquant les types d'angles sur place.

PORMENOR DE SOLEIRAS COM PERFIL JE 42 + KE 51 e KE 52
SILL DETAILS WITH JE 42 + KE 51 and KE 52 PROFILES
DÉTAILS DE SEUILS AVEC PROFILÉS E 42 + KE 51 et KE 52 PROFILES



APLICAÇÃO DOS PERFIS DE REMATE
APPLICATION OF TRIM PROFILES
APPLICATION DES TAPÉES



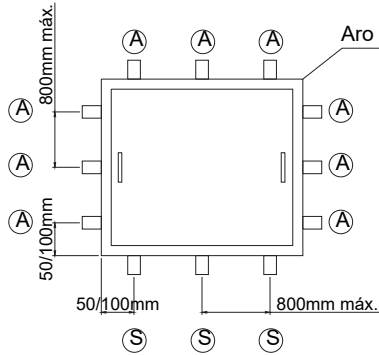
PAINEL ISOLANTE DE 140mm - PORMENOR DE APLICAÇÃO DE ACORDO COM AVIS TECHNIQUE 6/18-2371-V2

140mm INSULATING PANEL - APPLICATION DETAIL ACCORDING AVIS TECHNIQUE 6/18-2371-V2

PANNEAU ISOLANT DE 140mm - DÉTAILS DE LA MISE EN ŒUVRE CONFORMÉMENT À L'AVIS TECHNIQUE 6/18-2371-V2

Peso máximo de vidro permitido - 35Kg/m²

Glazing maximum weight allowed | Poids maximal du verre autorisé



Aro fixo | Fixed frame | Dormant

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

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

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

PRESILHA M6 x 37 mm
CLAMP | CLAMEUX

PARAFUSO | SCREW | VIS
DIN 7504 M A2 4,8x25

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

FUNDO DE JUNTA
BACKER ROD | FOND DE JOINT

SILICONE
SILICONE | SILICONE

KE 90

JE 57

JE 96

5

CALÇO SEPARADOR
SHIM | CALE

PARAFUSO | SCREW | VIS
DIN 7504 M A2 4,8x25

DIREITO
RIGHT | DROITE

ESQUERDO
LEFT | GAUCHE

CONJUNTO TAPA TOPOS KE 71
END-CAP KE 71 | EMBOUT KE 71

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

FUNDO DE JUNTA
BACKER ROD | FOND DE JOINT

SILICONE
SILICONE | SILICONE

KE 71

JE 57

JE 02

CALÇO SEPARADOR
SHIM
CALE

KE 60

PARAFUSO | SCREW | VIS
DIN 7504 M A2 4,8x25

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

PRESILHA M6 x 37 mm
CLAMP | CLAMEUX

140

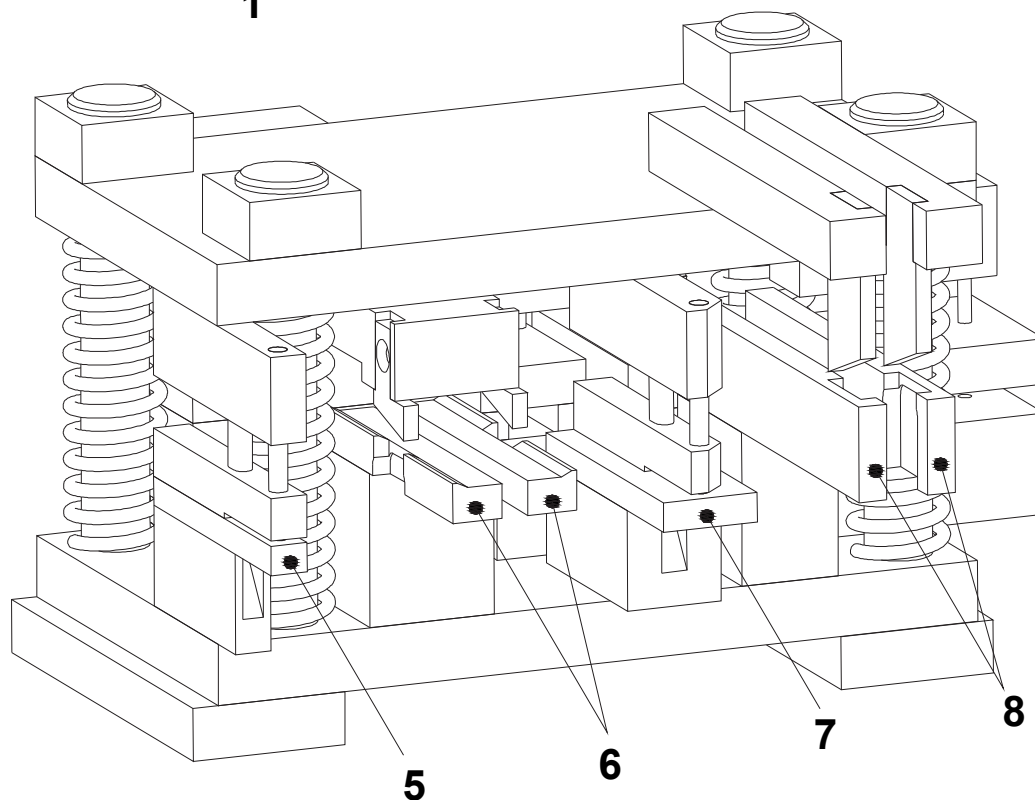
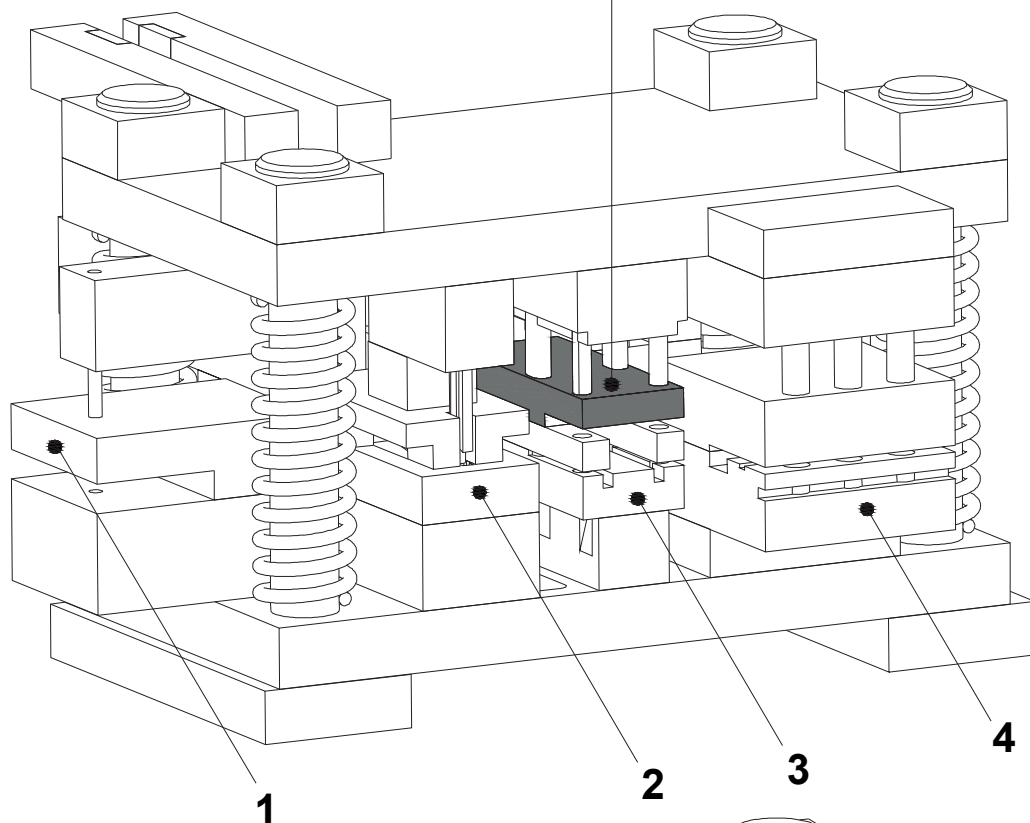
V

MAQUINAÇÕES DOS PERFIS PROFILES MACHININGS | USINAGES DES PROFILÉS

MAQUINAÇÕES NO CORTANTE JE MACHINING OPERATIONS ON THE JE PUNCHING TOOL OPÉRATIONS D'USINAGE POUR POINÇON JE	V.1
MAQUINAÇÕES PARA ESQUADROS MACHINING OPERATIONS FOR BRACKETS OPÉRATIONS D'USINAGE POUR EQUÉRRES	V.2
MAQUINAÇÃO PARA JE 42 MACHINING FOR JE 42 USINAGE POUR JE 42	V.3
MAQUINAÇÃO PARA JE 14 MACHINING FOR JE 14 USINAGE POUR JE 14	V.4
MAQUINAÇÃO PARA JE 48 MACHINING FOR JE 48 USINAGE POUR JE 48	V.5
PORMENOR DE CORTE DOS PERFIS JE 58 E JE 59 CUT DETAIL FOR JE 58 AND JE 59 PROFILES DÉTAIL DE COUPÉS DES PROFILÉS JE 58 ET JE 59	V.6
MAQUINAÇÕES NO CORTANTE "OS" (Cortante do Sistema OS) - PARA O PERFIL JE 47 MACHINING OPERATIONS ON THE "OS" PUNCHING TOOL (Tool from OS System) - FOR JE 47 PROFILE OPÉRATIONS D'USINAGE POUR POINÇON "OS" (Poinçon du Système OS) - POUR PROFILÉ JE 47	V.7
DRENAGEM E VENTILAÇÃO DRAINAGE AND VENTILATION DRAINAGE ET VENTILATION	V.8

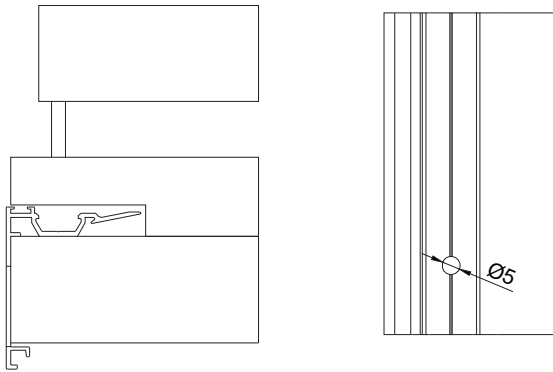
MAQUINAÇÕES NO CORTANTE JE
MACHINING OPERATIONS ON THE JE PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON JE

Esta peça foi alterada aquando da alteração do perfil JE 17 e encontra-se disponível (JANEIRO 2019)
This part was changed when the JE 17 profile was changed and is available (JANUARY 2019)
Cette partie a été modifiée lorsque le profil JE 17 a été changé et est disponible (JANVIER 2019)

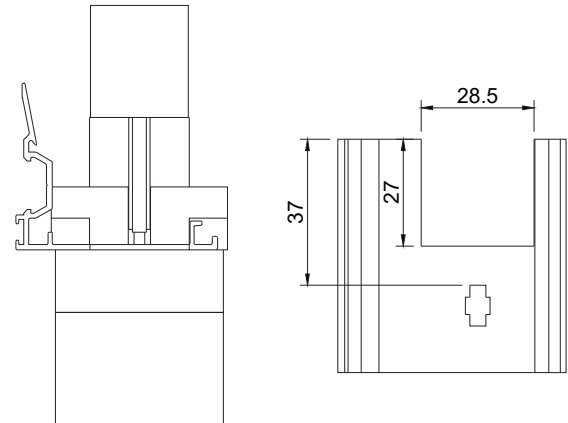


MAQUINAÇÕES NO CORTANTE JE
MACHINING OPERATIONS ON THE JE PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON JE

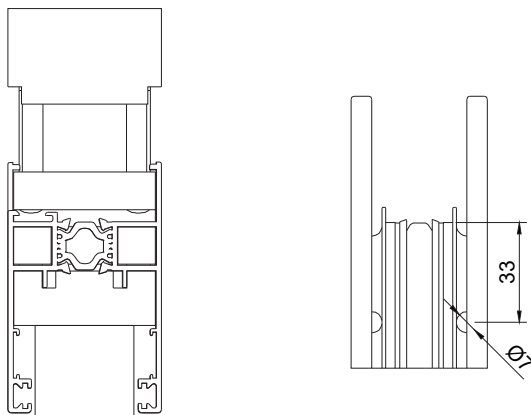
1 - MAQUINAÇÃO PARA FURAÇÃO PARA FIXAÇÃO DO PERFIL JE 14
MACHINING FOR DRILLING TO FIX THE JE 14 PROFILE
USINAGE DE PERÇAGE POUR FIXER LE PROFILÉ JE 14



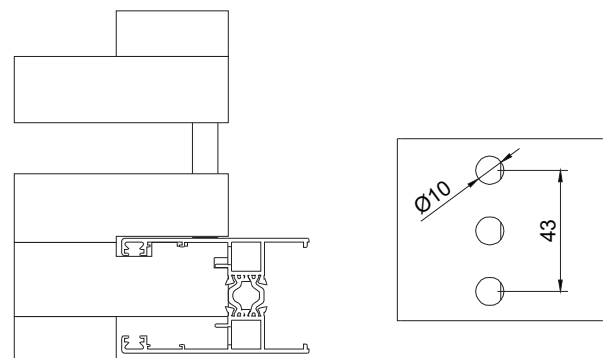
2 - MAQUINAÇÃO DA RANHURA DO PERFIL JE 14
MACHINING OF THE JE 14 PROFILE GROOVE
USINAGE DE LA RAINURE DU PROFILÉ JE 14



3 - MAQUINAÇÃO PARA ESQUADRO - AROS MÓVEIS
BRACKET MACHINING - MOBILE FRAMES
USINAGE POUR EQUÉRRE - EN OUVRANTS

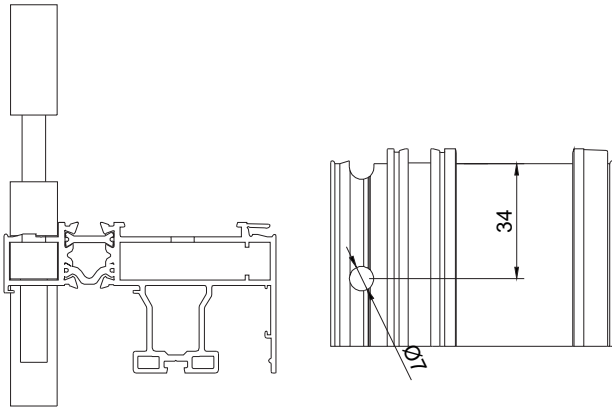


4 - MAQUINAÇÃO PARA FERRAGEM MULTIPONTO
MACHINING FOR MULTIPPOINT HARDWARE
USINAGE POUR SERRURE MULTIPPOINT

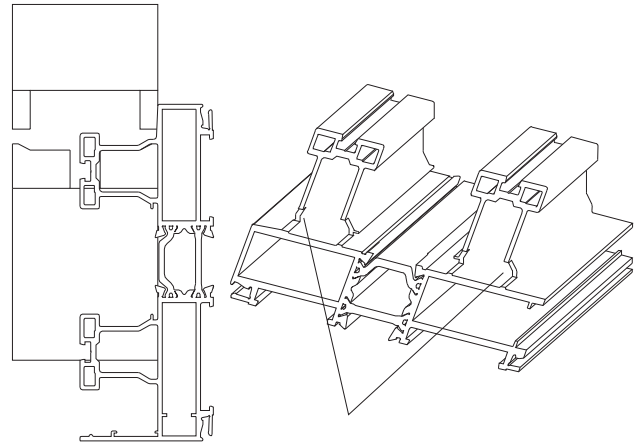


MAQUINAÇÕES NO CORTANTE JE
MACHINING OPERATIONS ON THE JE PUNCHING TOOL
OPÉRATIONS D'USINAGE POUR POINÇON JE

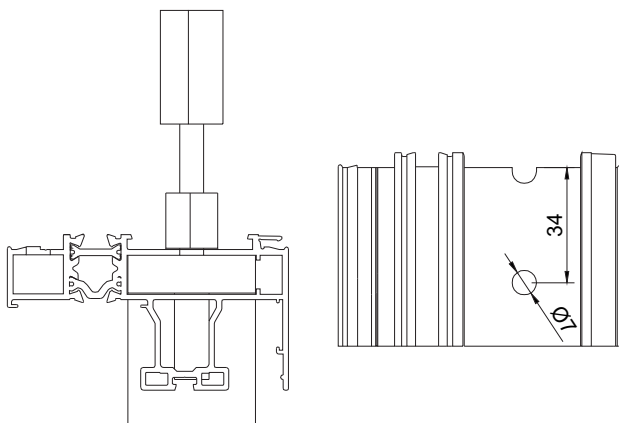
5 - MAQUINAÇÃO PARA ESQUADRO - PARA JE 64
BRACKET MACHINING - FOR JE 64
USINAGE POUR EQUÉRRE - POUR JE 64



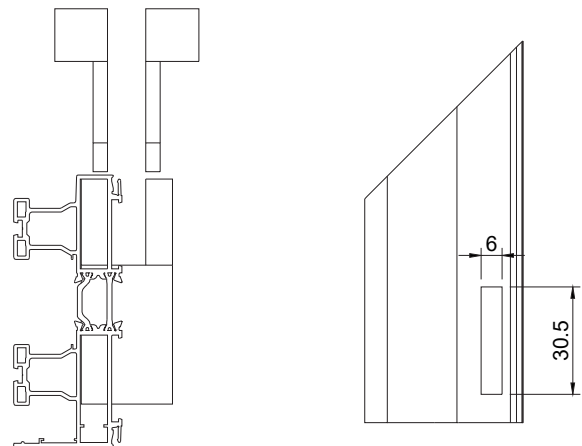
6 - MAQUINAÇÃO PARA DRENAGEM DO CARRIL - AROS FIXOS
RAIL DRAINAGE MACHINING - FIXED FRAMES
USINAGE POUR DRAINAGE DU RAIL - EN DORMANT



7 - MAQUINAÇÃO PARA ESQUADRO - AROS FIXOS
BRACKET MACHINING - FIXED FRAMES
USINAGE POUR EQUÉRRE - EN DORMANT

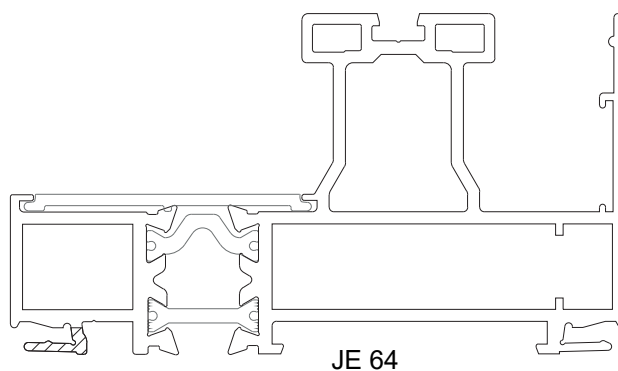
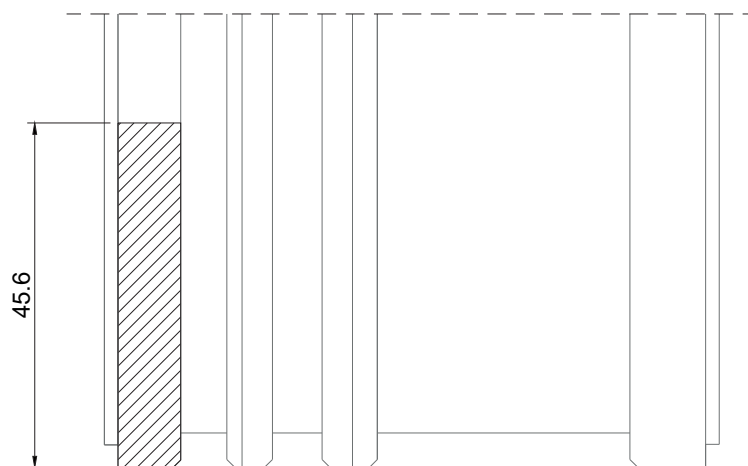


8 - MAQUINAÇÃO PARA DRENAGEM TUBULAR - AROS FIXOS
TUBULAR DRAINING MACHINERY - FIXED FRAMES
USINAGE POUR DRAINAGE TUBULAIRE - EN DORMANT

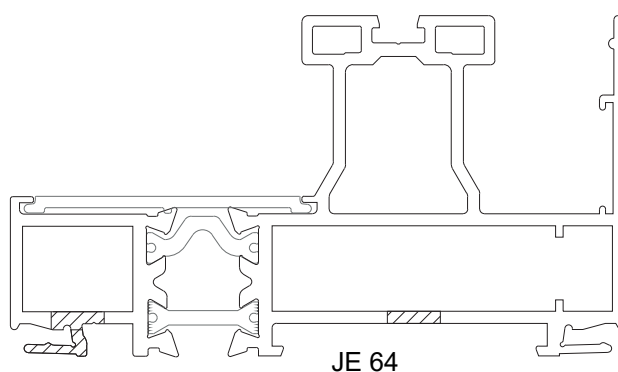
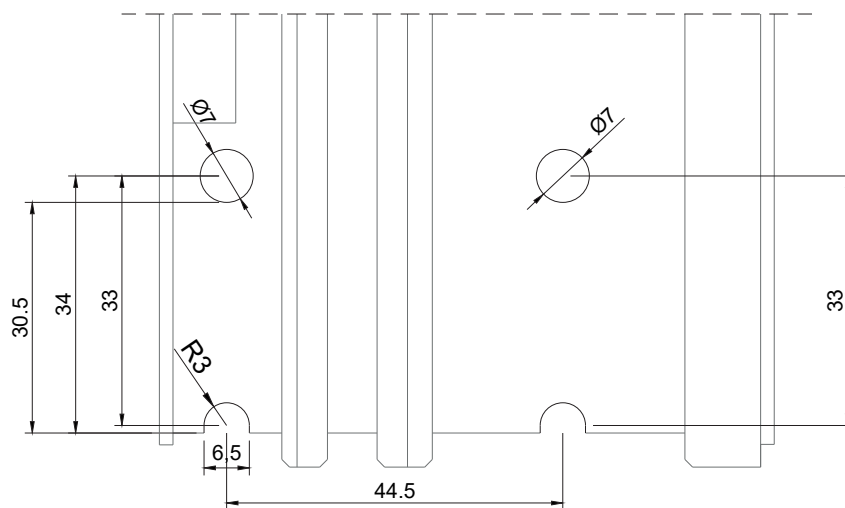


MAQUINAÇÕES PARA ESQUADROS
MACHINING OPERATIONS FOR BRACKETS
OPÉRATIONS D'USINAGE POUR EQUÉRRES

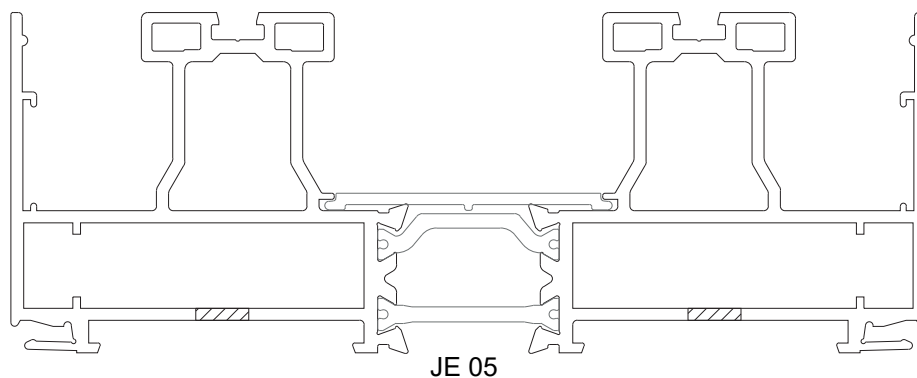
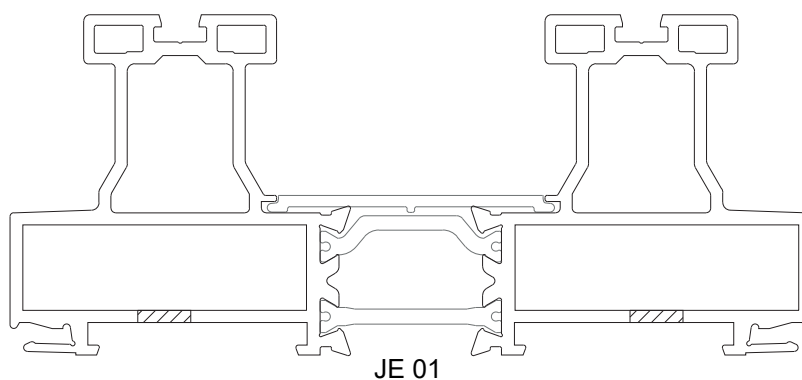
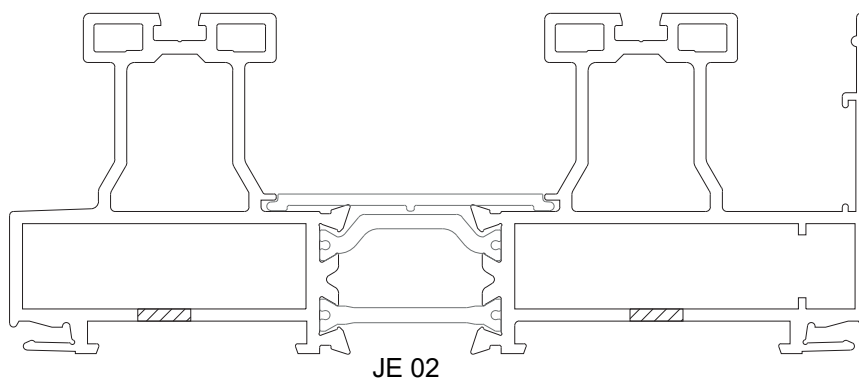
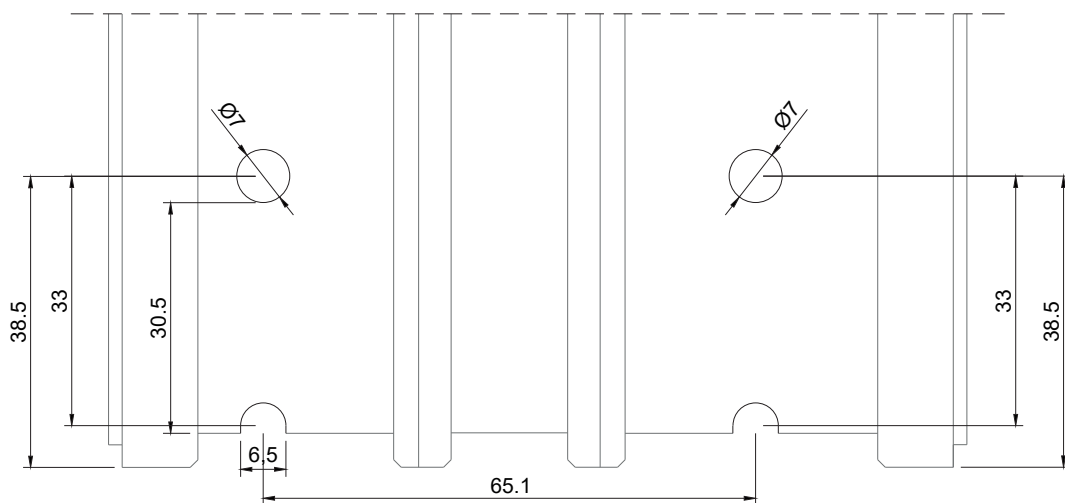
- 1 - Cortar a aba.
Cutting the tabs.
Couper le rabat.



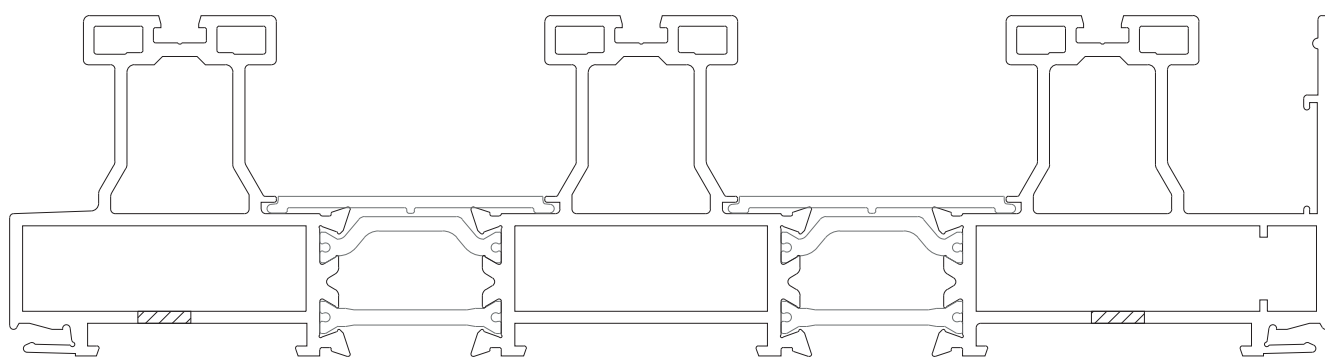
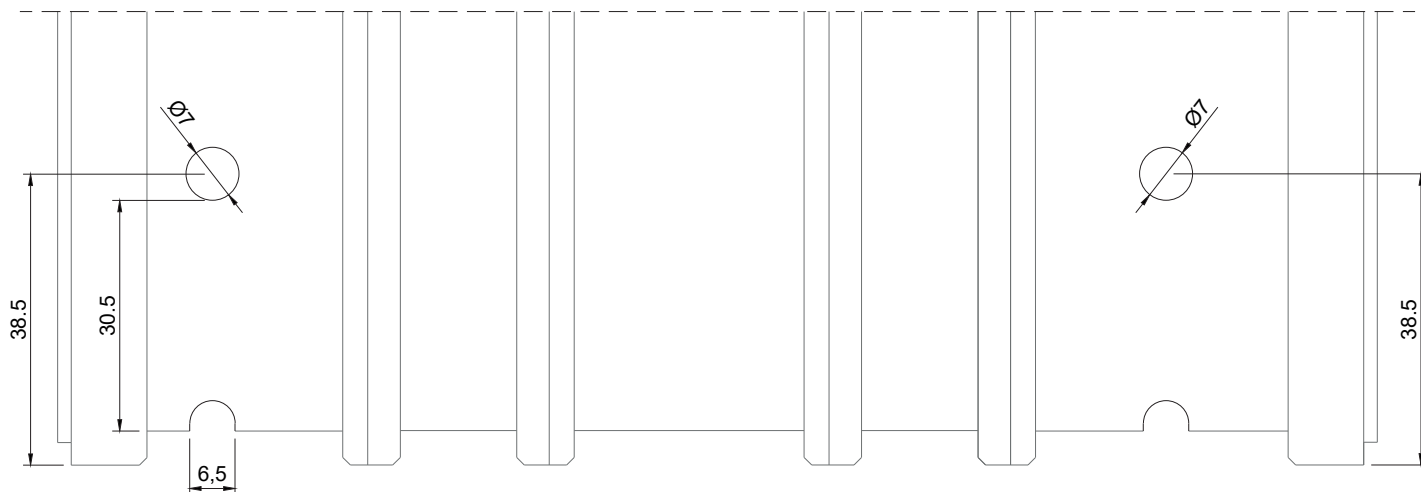
2. Furação para esquadros.
Brackets drillings.
Perçages pour l'équerres.



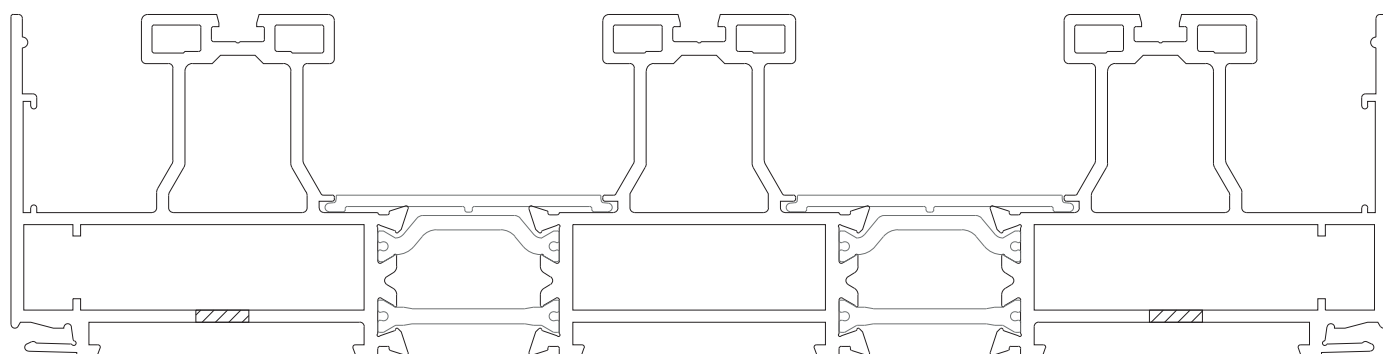
MAQUINAÇÕES PARA ESQUADROS
MACHINING OPERATIONS FOR BRACKETS
OPÉRATIONS D'USINAGE POUR EQUÉRRES



MAQUINAÇÕES PARA ESQUADROS
MACHINING OPERATIONS FOR BRACKETS
OPÉRATIONS D'USINAGE POUR EQUÉRRES



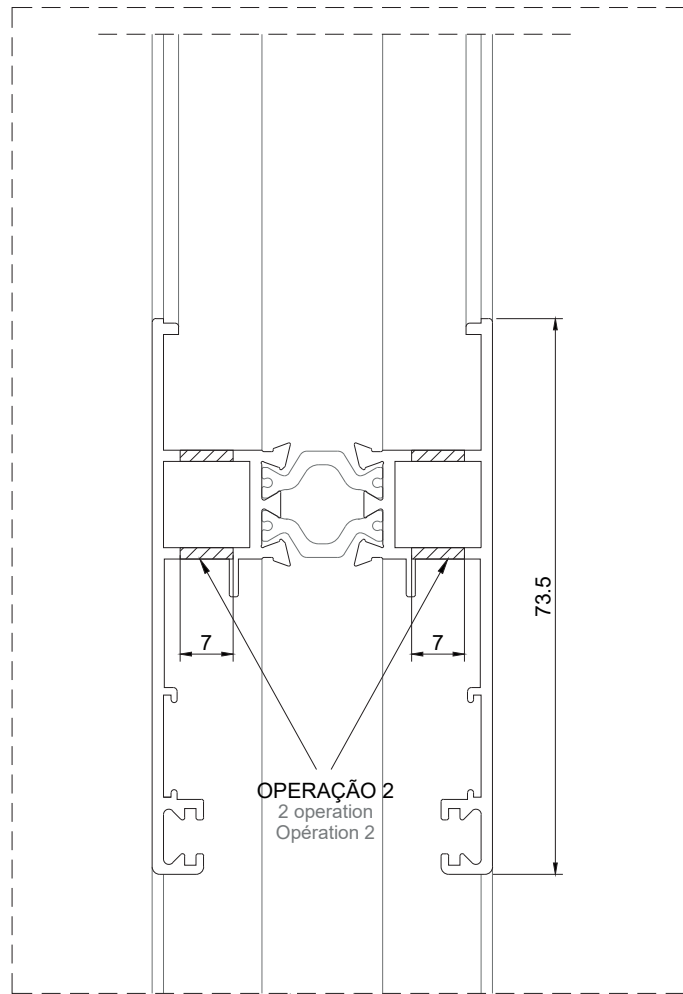
JE 73



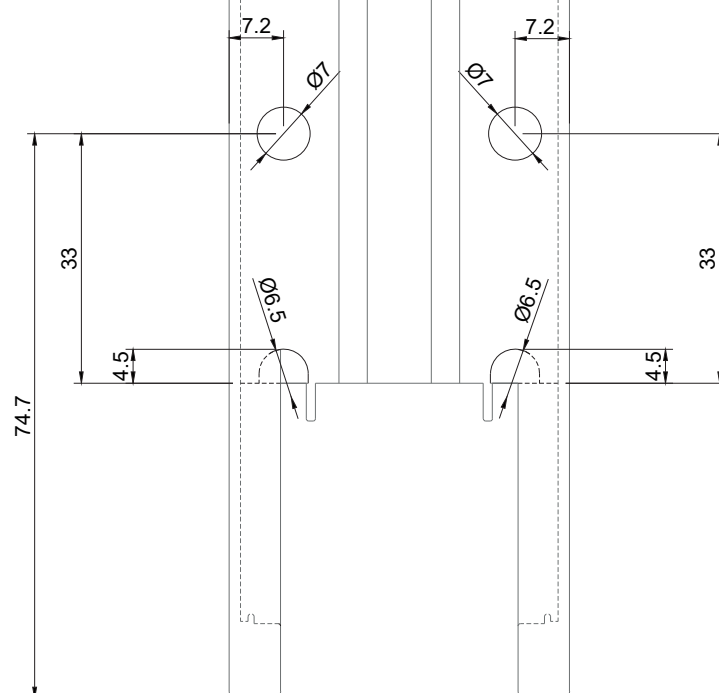
JE 72

MAQUINAÇÕES PARA ESQUADROS
MACHINING OPERATIONS FOR BRACKETS
OPÉRATIONS D'USINAGE POUR EQUÉRRES

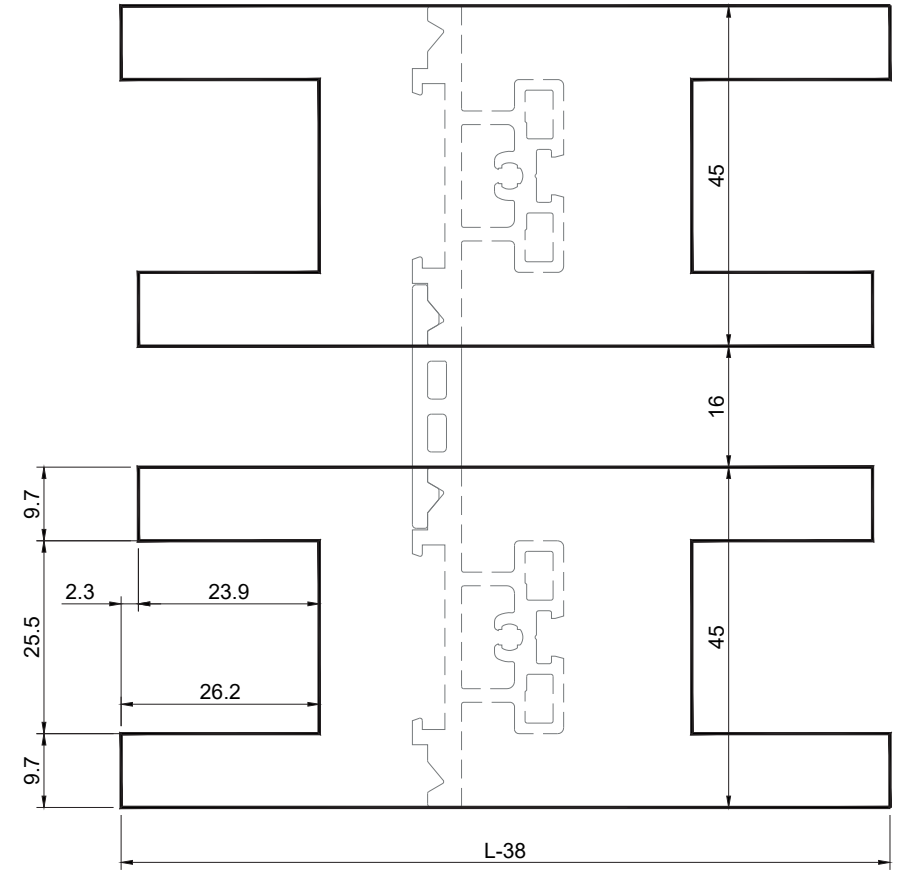
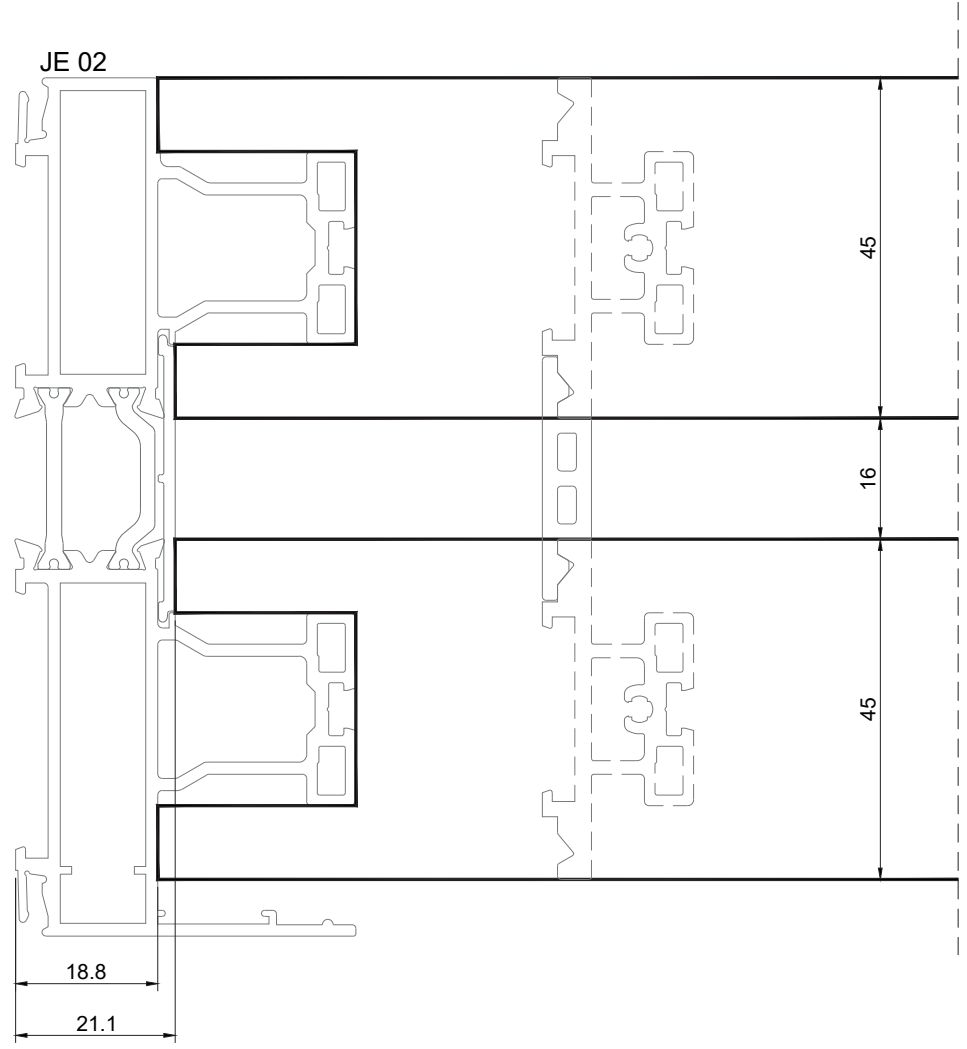
PERFIS JE 57, JE 17
PROFILES JE 57, JE 17
PROFILÉS JE 57, JE 17



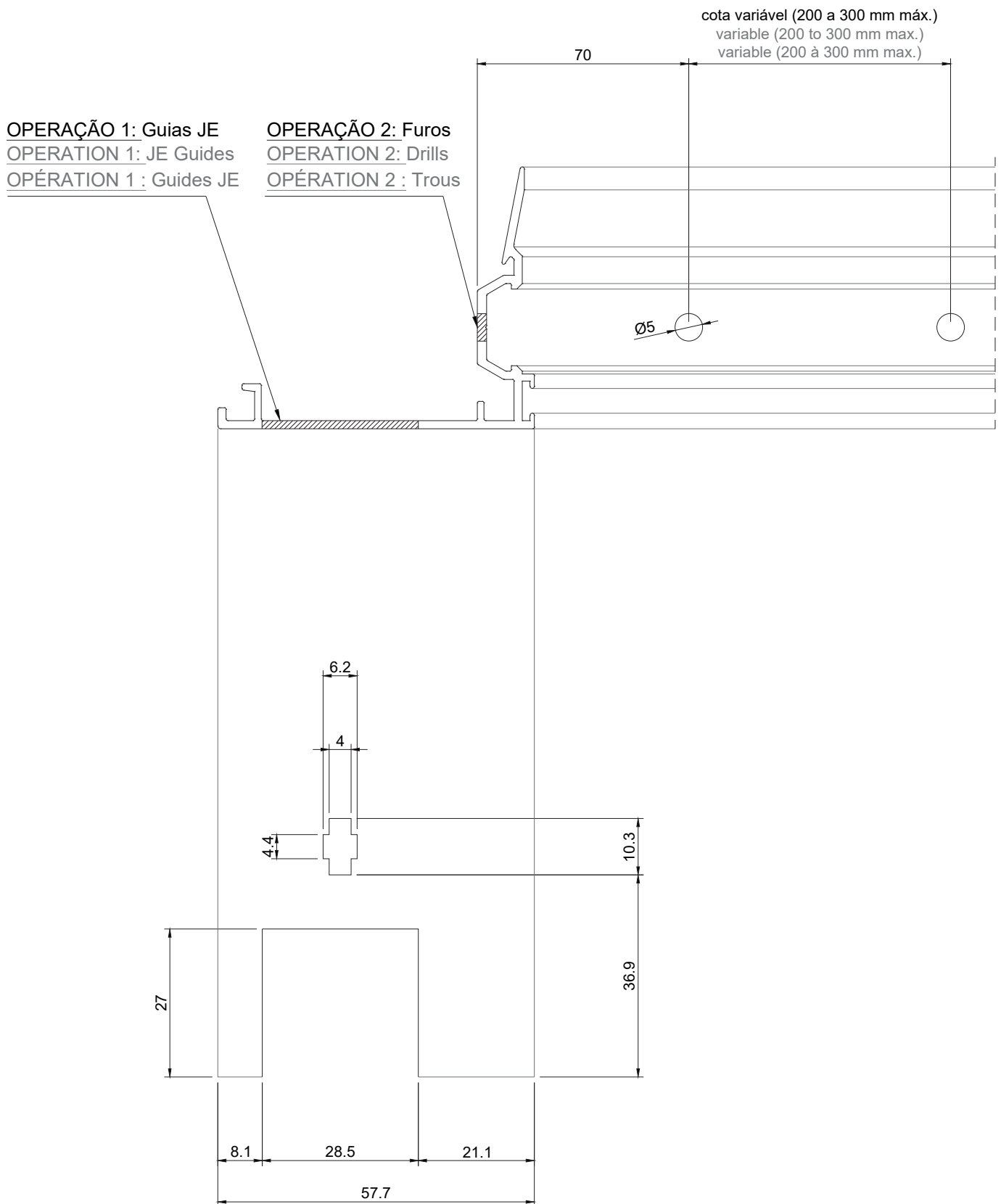
Furações para esquadros
Brackets drilling
Perçage pour l'equérres



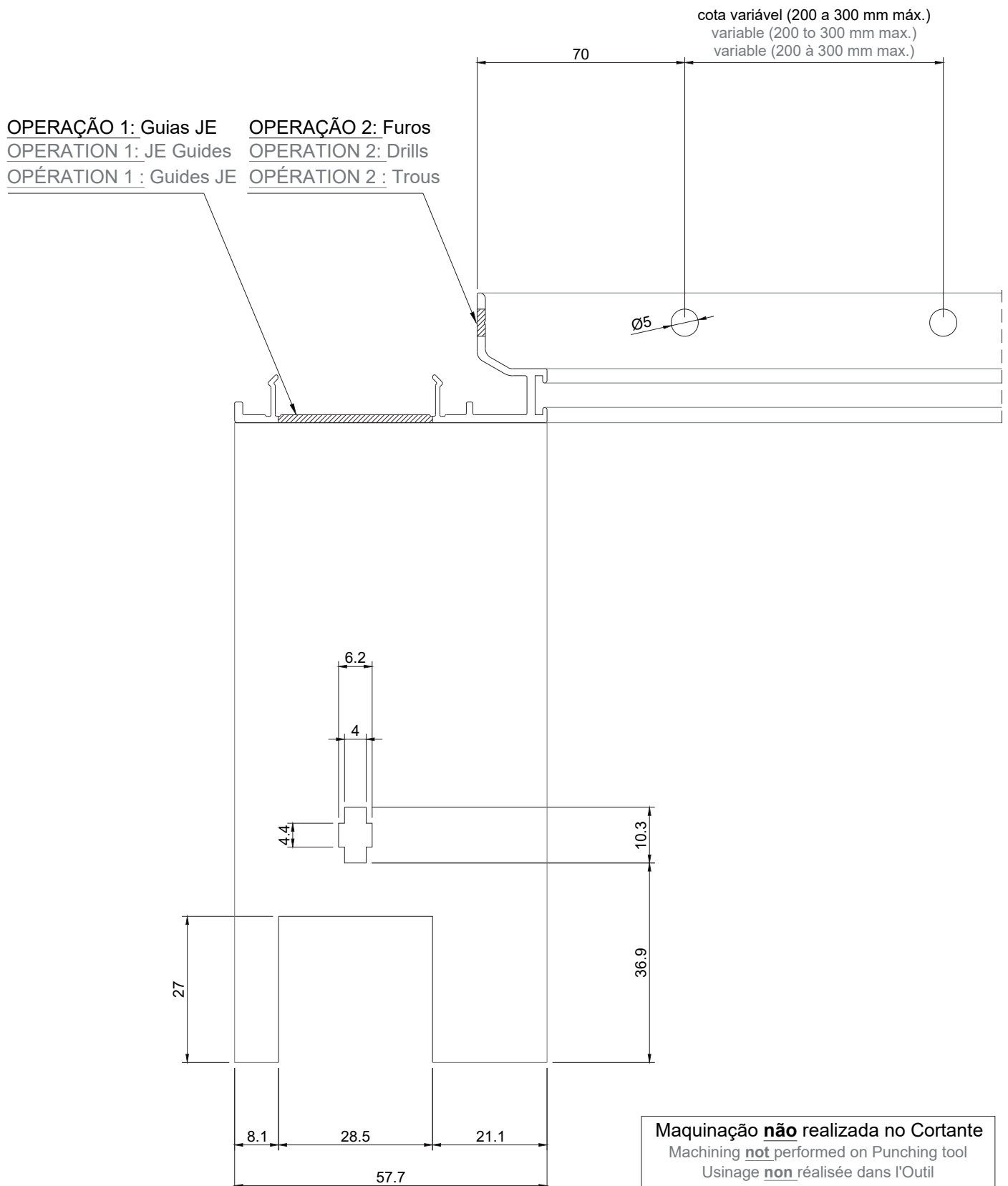
MAQUINAÇÃO PARA JE 42
 MACHINING FOR JE 42
 USINAGE POUR JE 42



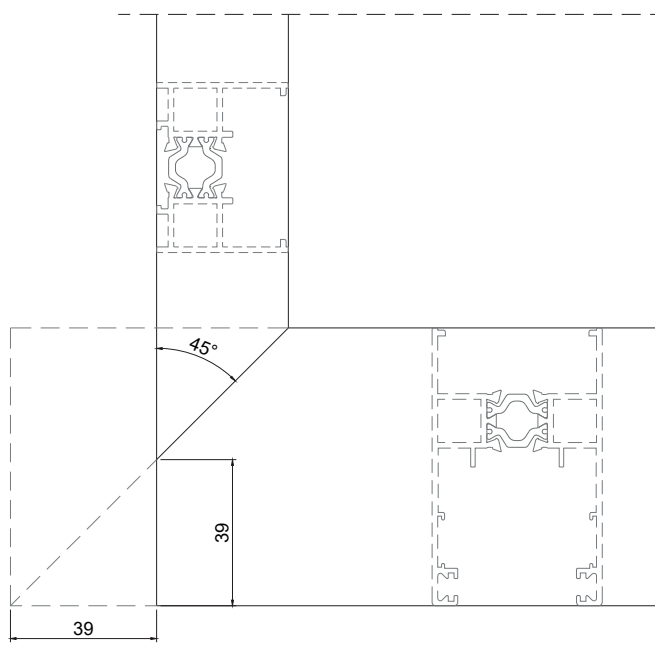
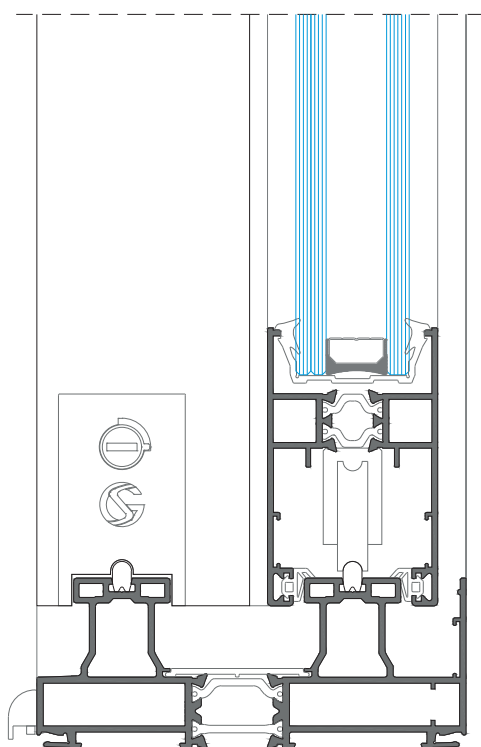
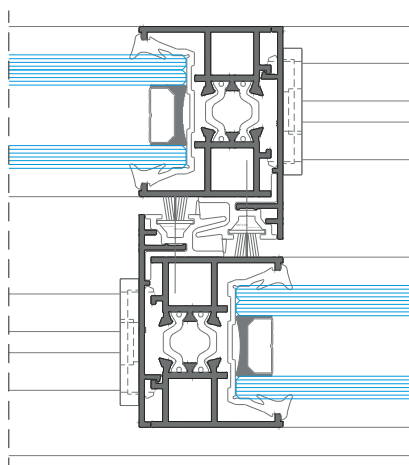
MAQUINAÇÃO PARA JE 14
MACHINING FOR JE 14
USINAGE POUR JE 14



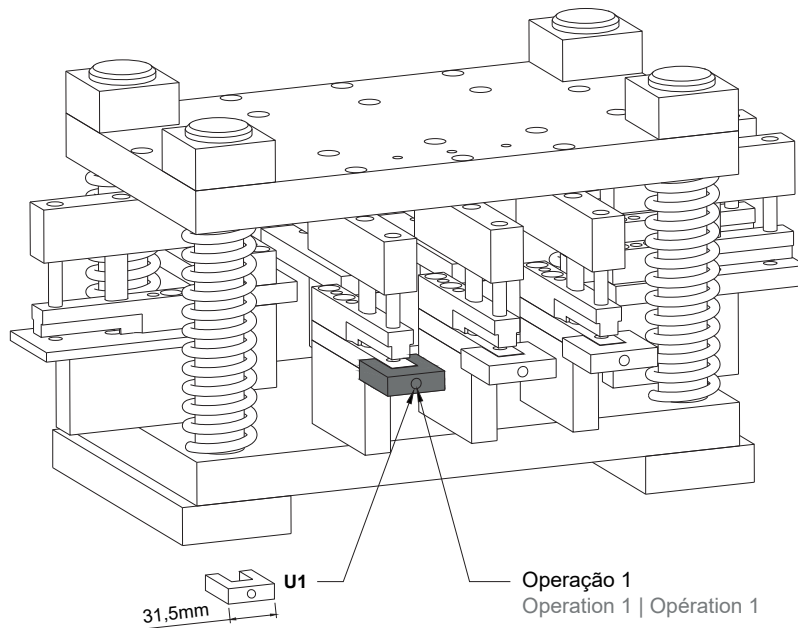
MAQUINAÇÃO PARA JE 48
MACHINING FOR JE 48
USINAGE POUR JE 48



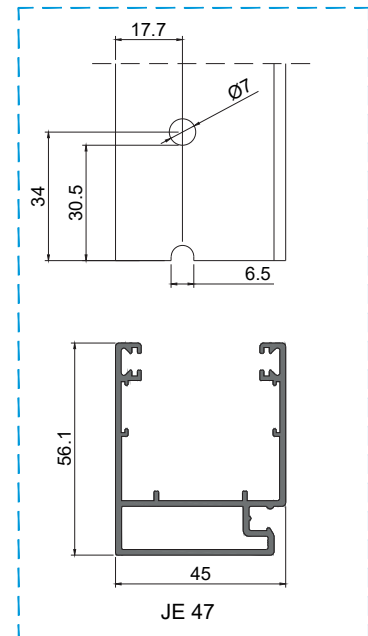
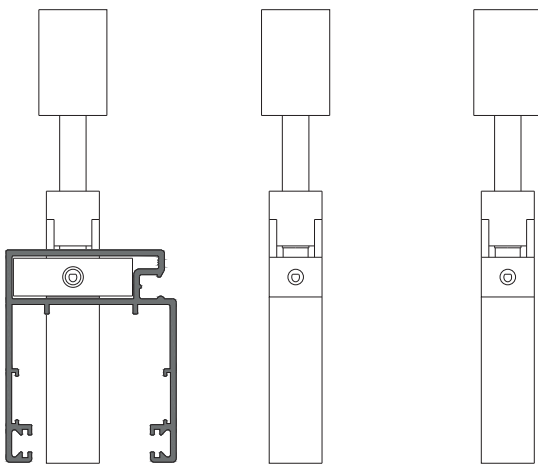
PORMENOR DE CORTE DOS PERFIS JE 58 E JE 59
CUT DETAIL FOR JE 58 AND JE 59 PROFILES
DÉTAIL DE COIPÉS DES PROFILÉS JE 58 ET JE 59



MAQUINAÇÕES NO CORTANTE "OS" (Cortante do sistema OS) - PARA O PERFIL JE 47
MACHINING OPERATIONS ON THE "OS" PUNCHING TOOL (Tool from OS System) - FOR JE 47 PROFILE
OPÉRATIONS D'USINAGE POUR POINÇON "OS" (Poinçon du Système OS) - POUR PROFILÉ JE 47



OPERAÇÃO 1: MAQUINAÇÃO PARA ESQUADRO - Usar a refª. "U1"
OPERATION 1: BRACKET MACHINING - Use ref "U1"
OPÉRATION 1 : USINAGE POUR EQUÉRRE - Utiliser ref "U1"

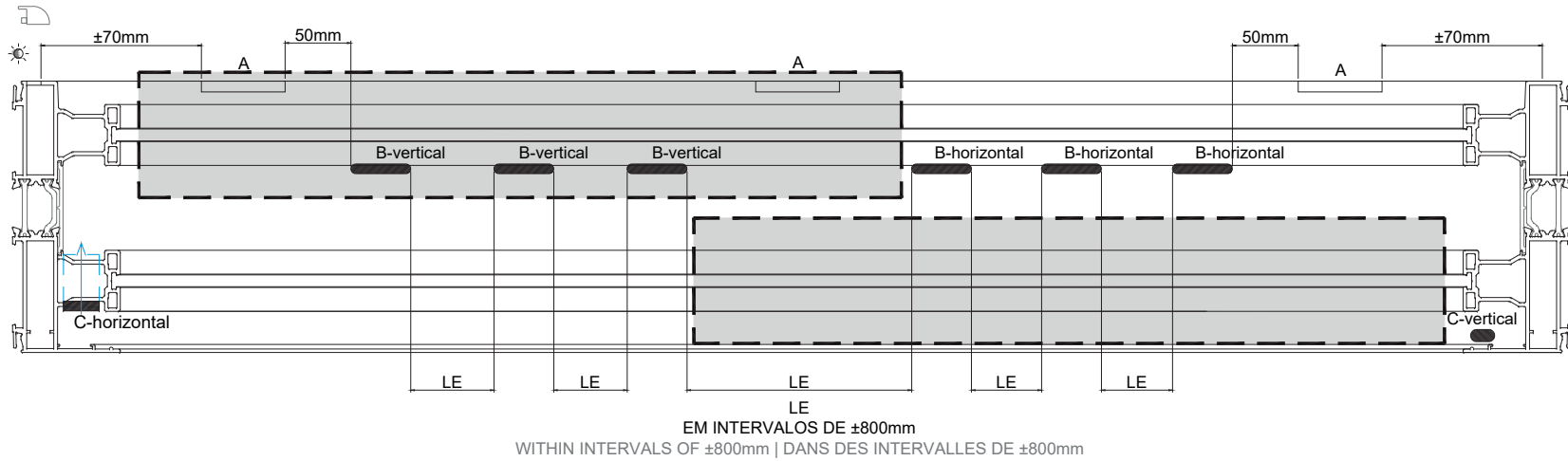
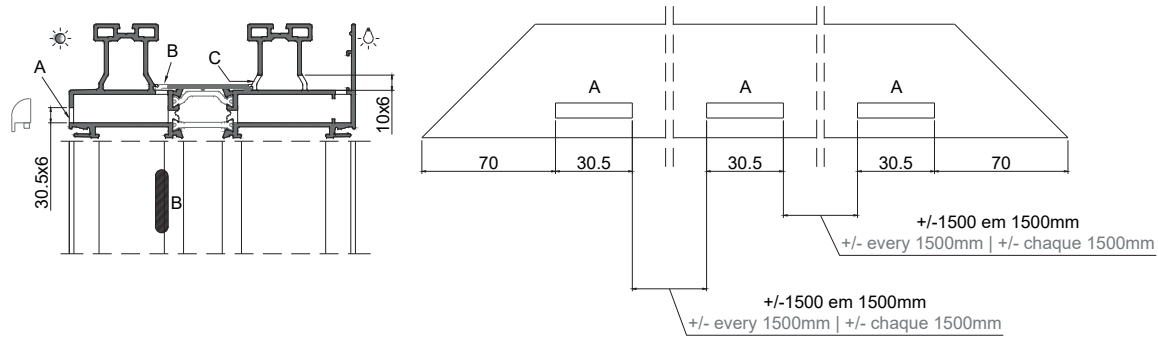
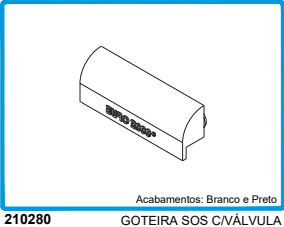


DRENAGEM E VENTILAÇÃO

DRAINAGE AND VENTILATION

DRAINAGE ET VENTILATION

- 1- Aros fixos 2-Rail
 2-Rail fixed frames
 Cadres ouvrants 2 -Rail



RASGOS PARA DRENAGEM		
DRAINAGE HOLES FENTE DE DRAINAGE		
A	B	C
30.5mmx6mm	25mmx4mm	10mmx5mm

DRENAGEM E VENTILAÇÃO

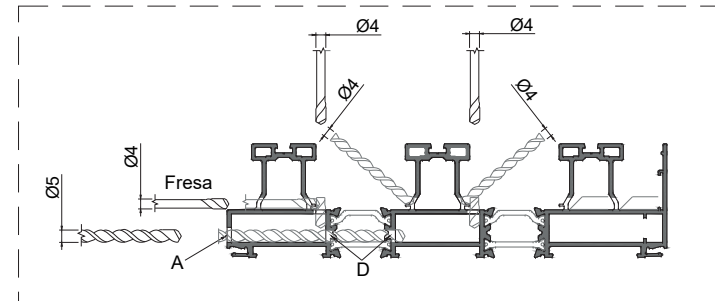
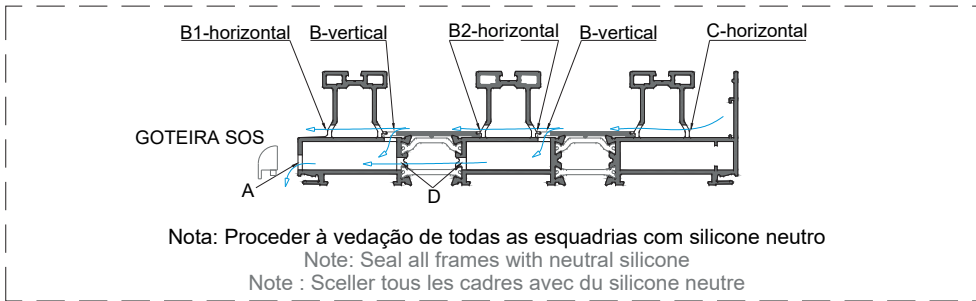
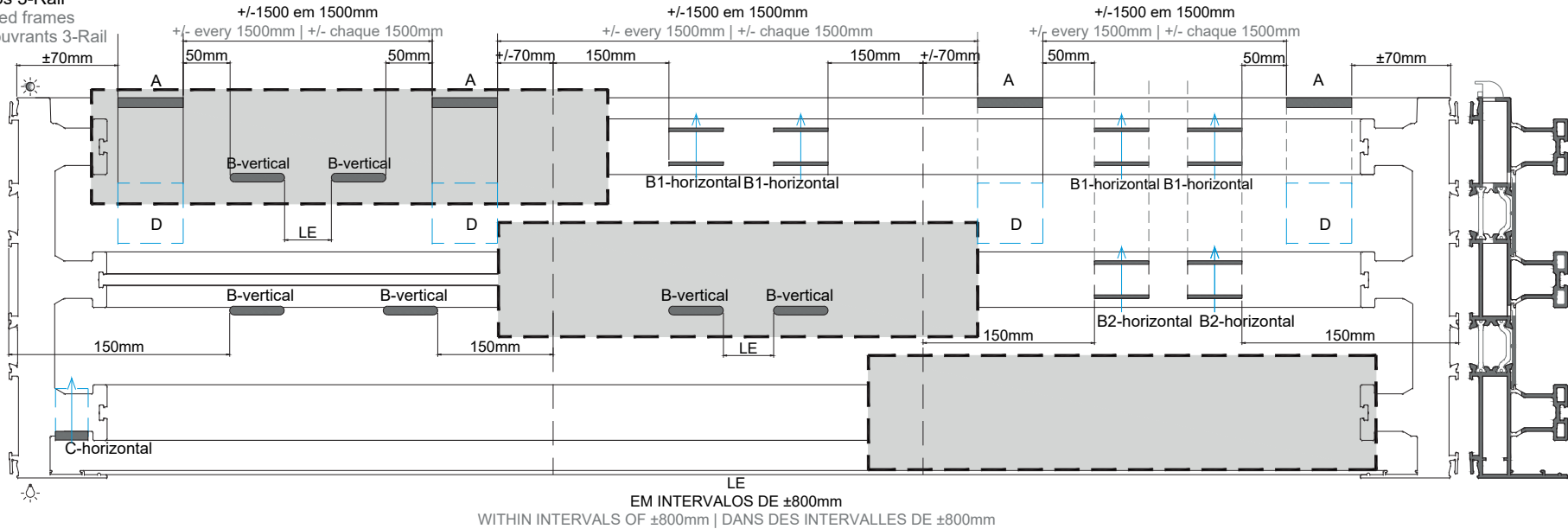
DRAINAGE AND VENTILATION

DRAINAGE ET VENTILATION

2- Aros fixos 3-Rail

3-Rail fixed frames

Cadres ouvrants 3-Rail



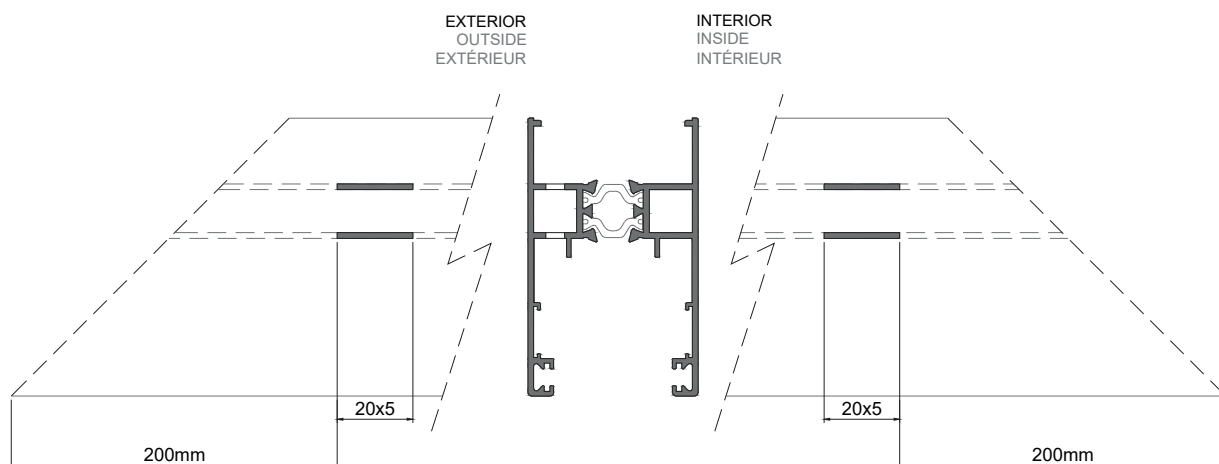
RASGOS PARA DRENAGEM					
DRAINAGE HOLES FENTE DE DRAINAGE					
A	B-vertical	B1-horizontal	B2-horizontal	C-horizontal	D
30.5mmx6mm Cortante JE *	25mmx4mm Fresa Ø4	25mmx4mm Fresa Ø4	4 furos paralelos BrocaØ4mm	10mmx5mm Cortante JE	4 furos paralelos brocaØ5mm

FURAÇÃO | DRILL | PERÇAGE:
 A: Rasgos realizados pelo cortante JE* | Holes made by JE punching tool | Fentes réalisées par le poinçon JE
 B-Vertical: Rasgo realizado com fresa 4mm | Hole made by 4mm milling machine | Fentes réalisées par le machine de fraiseage 4mm
 B1-Horizontal: Rasgo realizado com fresa 4mm | Hole made by 4mm milling machine | Fentes réalisées par le machine de fraiseage 4mm
 B2-Horizontal: 4 furos paralelos de broca 4mm | 4 parallel holes with 4mm drill bit | 4 trous parallèles avec une perceuse de 4 mm
 C-Horizontal: Rasgo realizado com cortante JE | Holes made by JE punching tool | Fentes réalisées par le poinçon JE
 D: Rasgo realizado através dos rasgos A, 4 furos de broca 5mm | Hole made through A holes, 4 holes of 5mm drill bit | Trou fait à travers les trous A, 4 trous de perceuse de 5mm

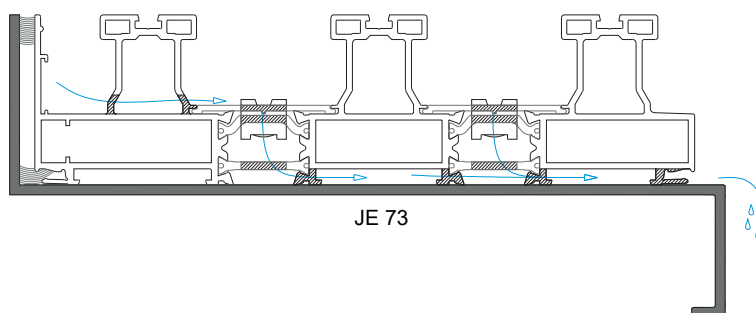
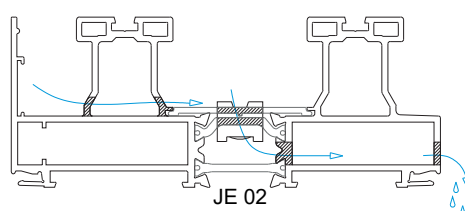
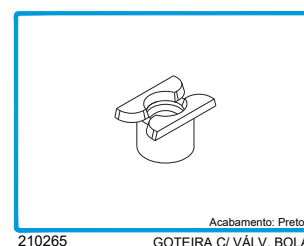
* O cortante apenas realiza os rasgos das extremidades, os restantes serão realizados à fresa
 The punching tool only makes the holes in the ends, the rest will be made with the milling machine
 Le poinçon ne fait que les fentes des extrémités, le reste sera fait au machine de fraiseage

DRENAGEM E VENTILAÇÃO
DRAINAGE AND VENTILATION
DRAINAGE ET VENTILATION

3 - Aros móveis
Mobile frames
Cadres dormant



4 - Pormenor de aplicação da goteira com válvula bola
Application detail of the ball valve drip
Détail de l'application de les clapets à bille



VI

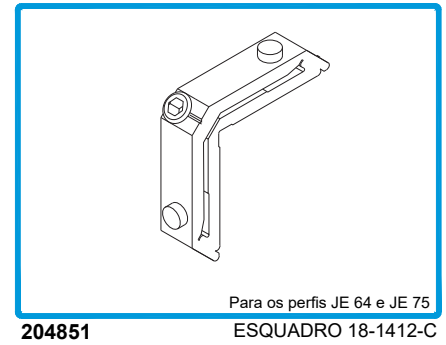
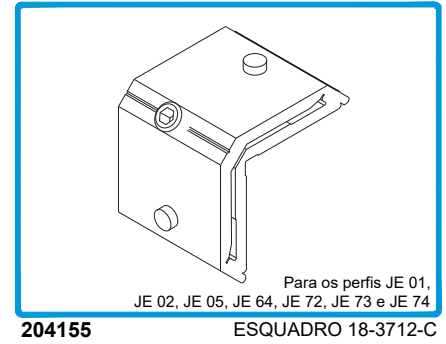
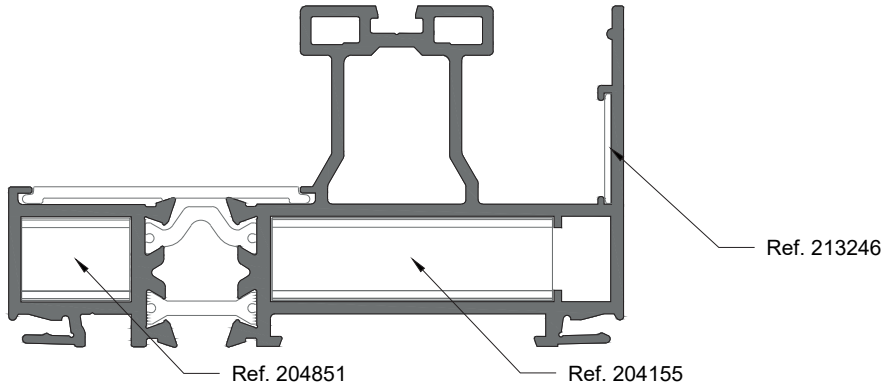
MONTAGENS ASSEMBLIES | ASSEMBLAGES

MONTAGEM DOS PERFIS PROFILES ASSEMBLY ASSEMBLAGE DES PROFILÉS	VI.1
RECOMENDAÇÃO PARA APLICAÇÃO DO VIDRO RECOMMENDATION FOR THE APPLICATION OF GLASS RECOMMANDATION POUR L'APPLICATION DU VERRE	VI.2
MONTAGEM DAS FERRAGENS E ACESSÓRIOS HARDWARE ACESSOIRES ASSEMBLY ASSEMBLAGE DES FERRURES ET ACESSOIRES	VI.3
APLICAÇÃO ARO FIXO PARA RENOVATIO RENOVATIO FIXED FRAME APPLICATION APPLICATION DU CADRE DORMANT RENOVATIO	VI.4
COLOCAÇÃO DOS VIDROS NO CAIXILHO GLAZING PLACEMENT IN FRAME MISE DES VERRES DANS LES CHÂSSIS	VI.5
FIXAÇÃO DOS CAIXILHOS EM OBRA FRAMES FIXING FIXATION DES CHÂSSIS	VI.6

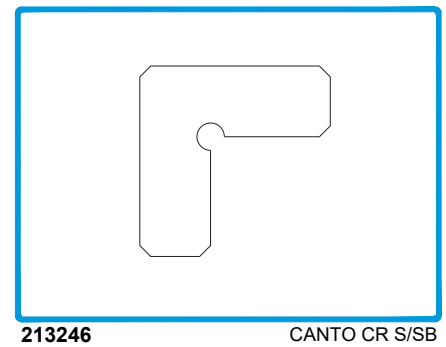
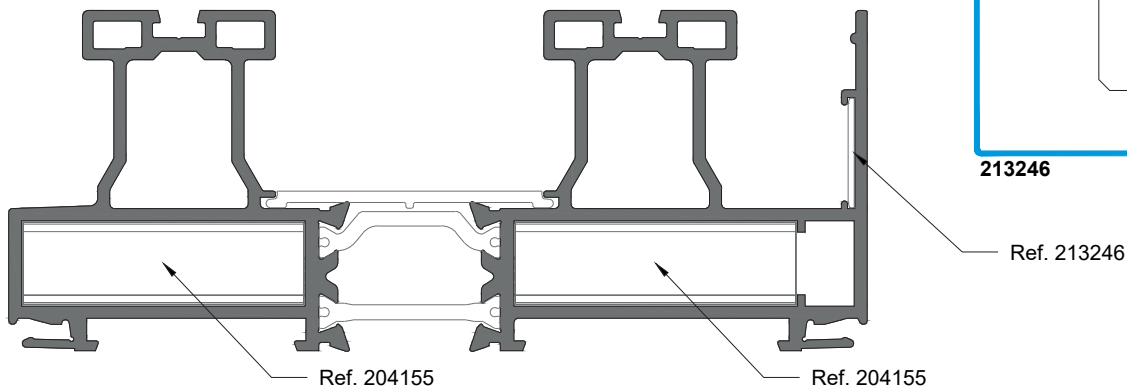
MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

1- Montagem dos esquadros - aros fixos
Blocking brackets assembly - fixed frames
Assemblage des équerres - cadres dormants

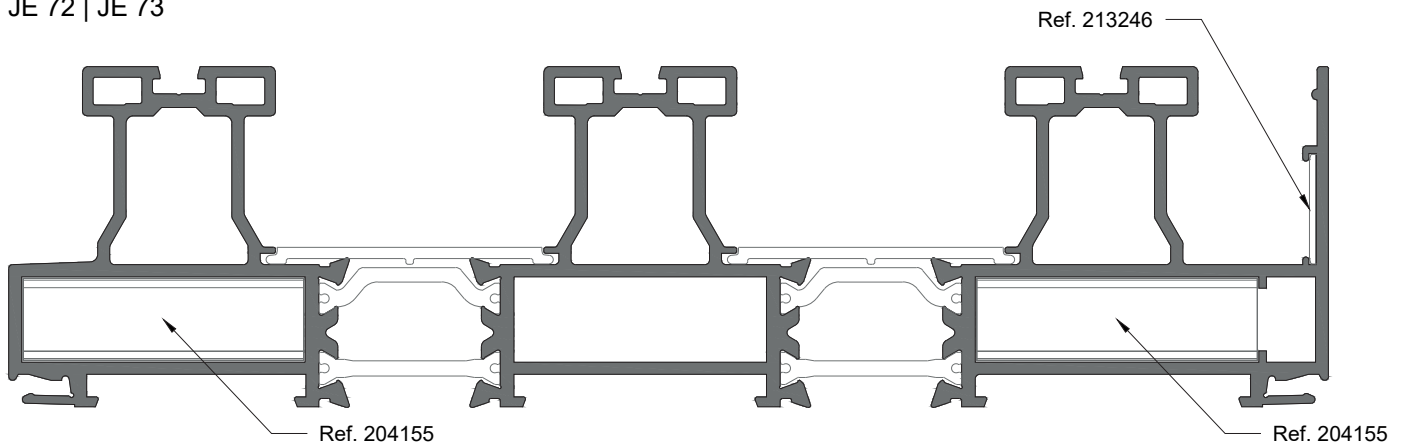
JE 64



JE 01 | JE 02 | JE 05

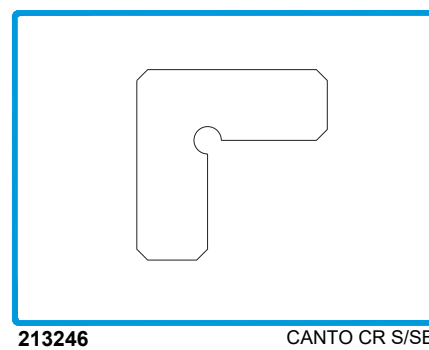
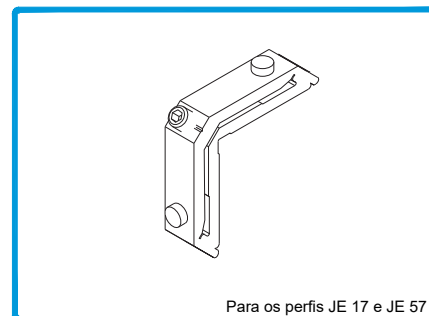
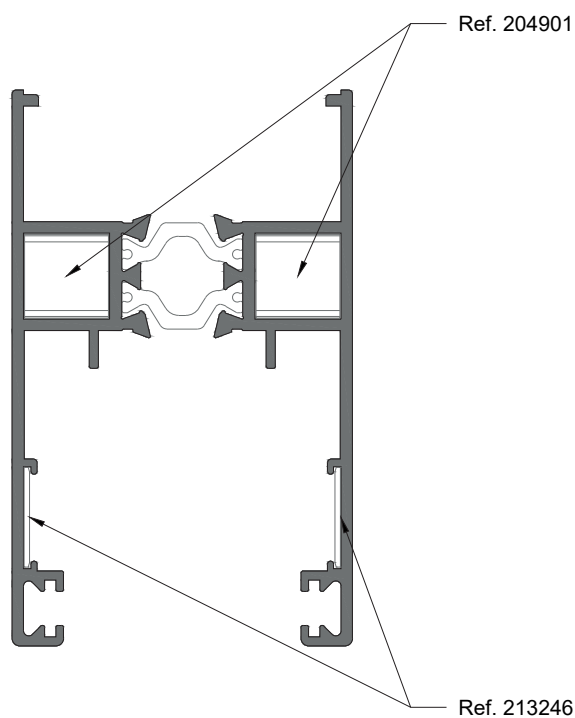


JE 72 | JE 73



MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

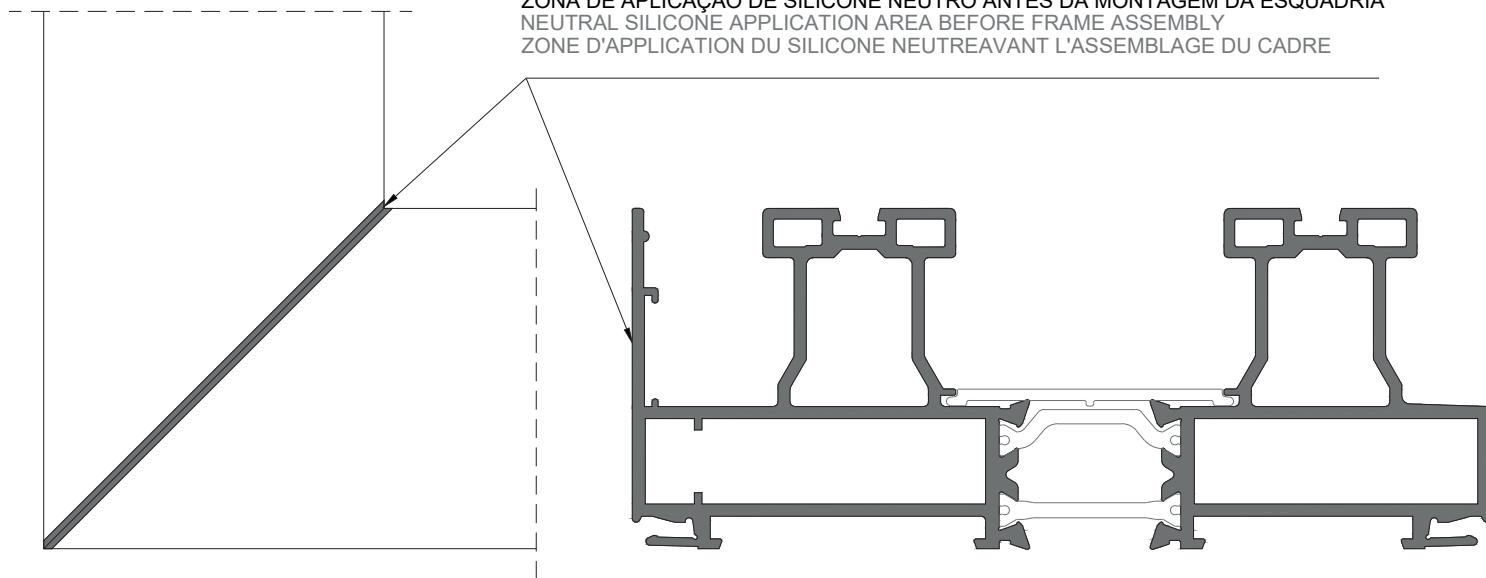
- 2 - Montagem dos esquadros - aros móveis
Blocking brackets assembly - mobile frames
Assemblage des équerres - cadres ouvrants



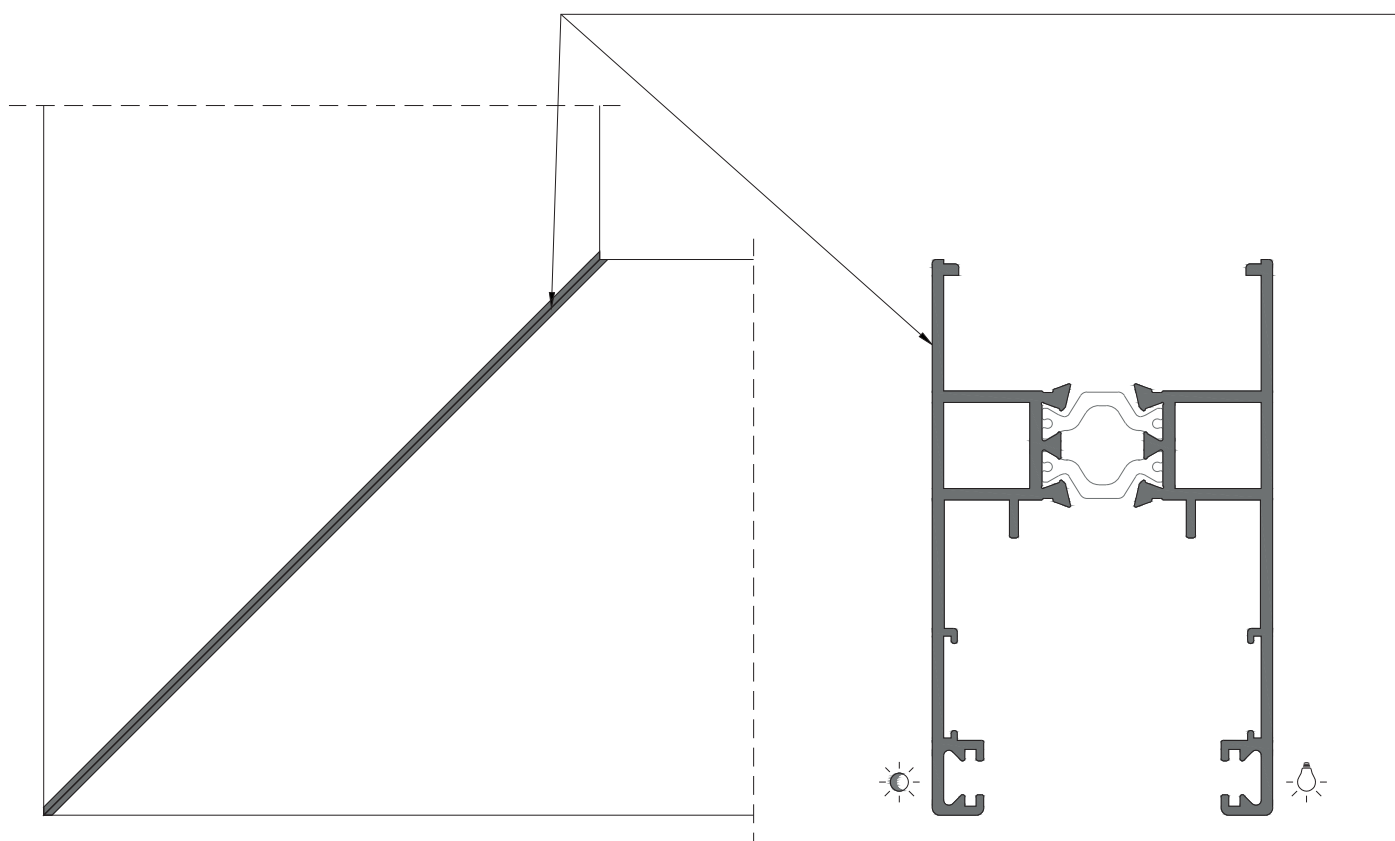
MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

3 - Montagem dos aros fixos e móveis
Fixed and mobile frames assembly
Assemblage des cadres dormants et ouvrants

ZONA DE APLICAÇÃO DE SILICONE NEUTRO ANTES DA MONTAGEM DA ESQUADRIA
NEUTRAL SILICONE APPLICATION AREA BEFORE FRAME ASSEMBLY
ZONE D'APPLICATION DU SILICONE NEUTRE AVANT L'ASSEMBLAGE DU CADRE

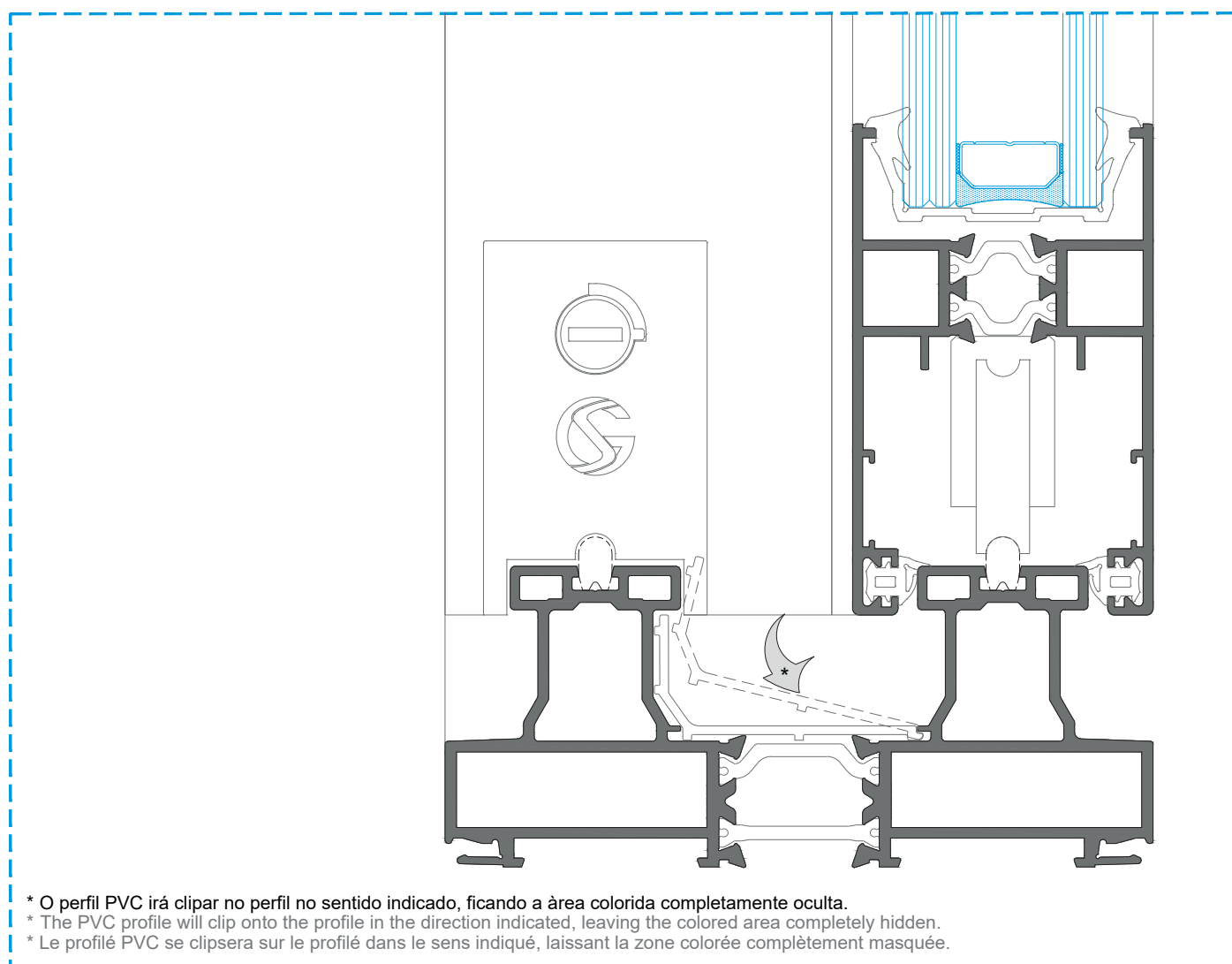
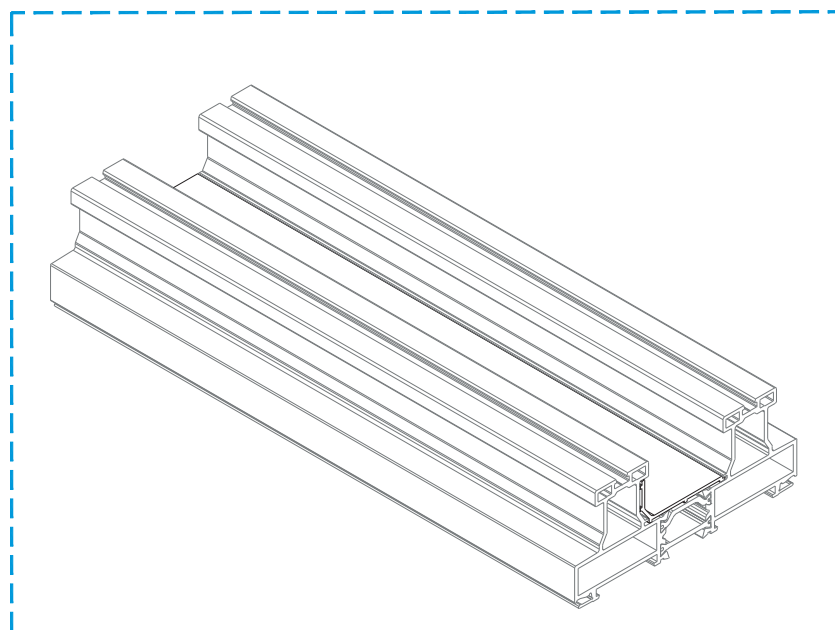
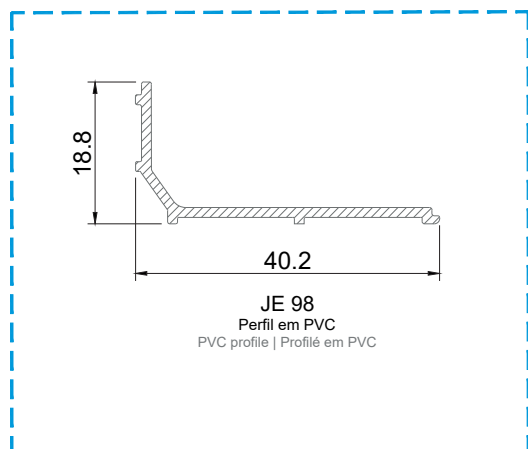


ZONA DE APLICAÇÃO DE SILICONE NEUTRO ANTES DA MONTAGEM DA ESQUADRIA
NEUTRAL SILICONE APPLICATION AREA BEFORE FRAME ASSEMBLY
ZONE D'APPLICATION DU SILICONE NEUTRE AVANT L'ASSEMBLAGE DU CADRE



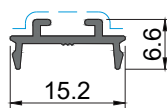
MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

4 - Montagem do perfil pvc JE 98 em bicolores
JE 98 pvc profile assembly in bicolour
Assemblage du profilé pvc JE 98 en bicouleur

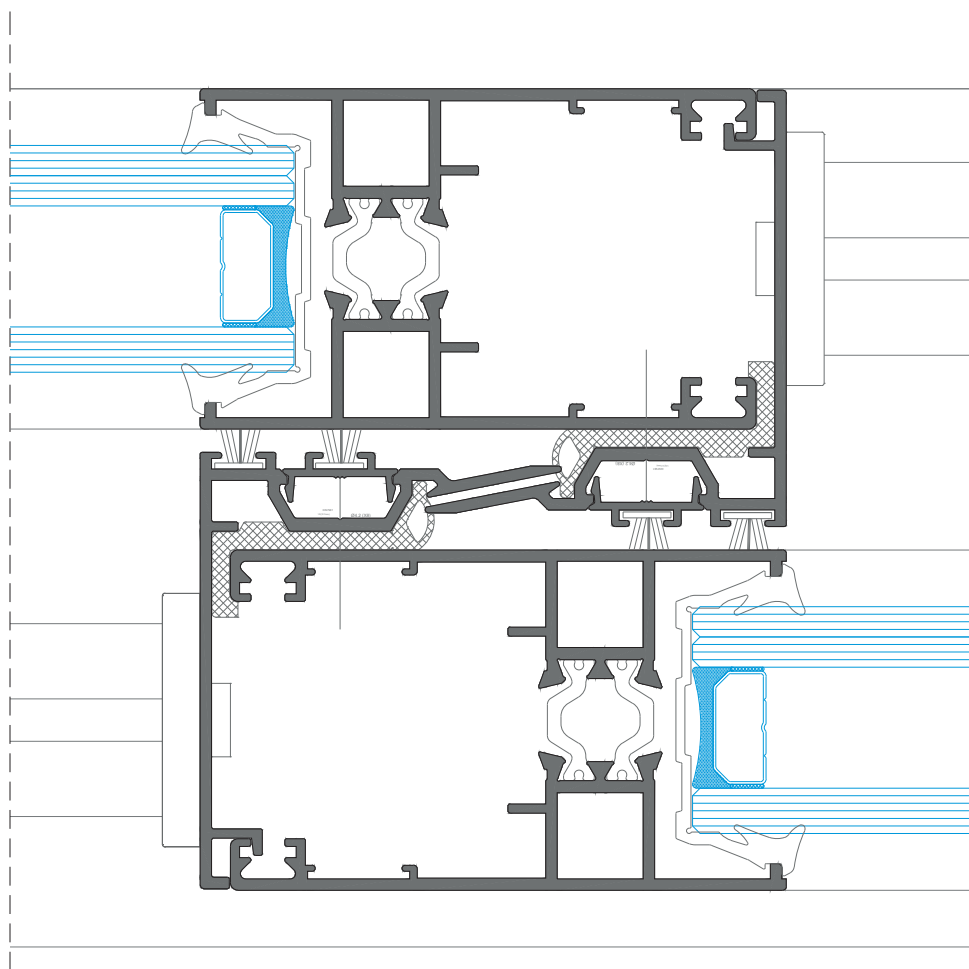


MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

5 - Montagem do perfil JE 30
JE 30 profile assembly
Assemblage du profilé JE 30

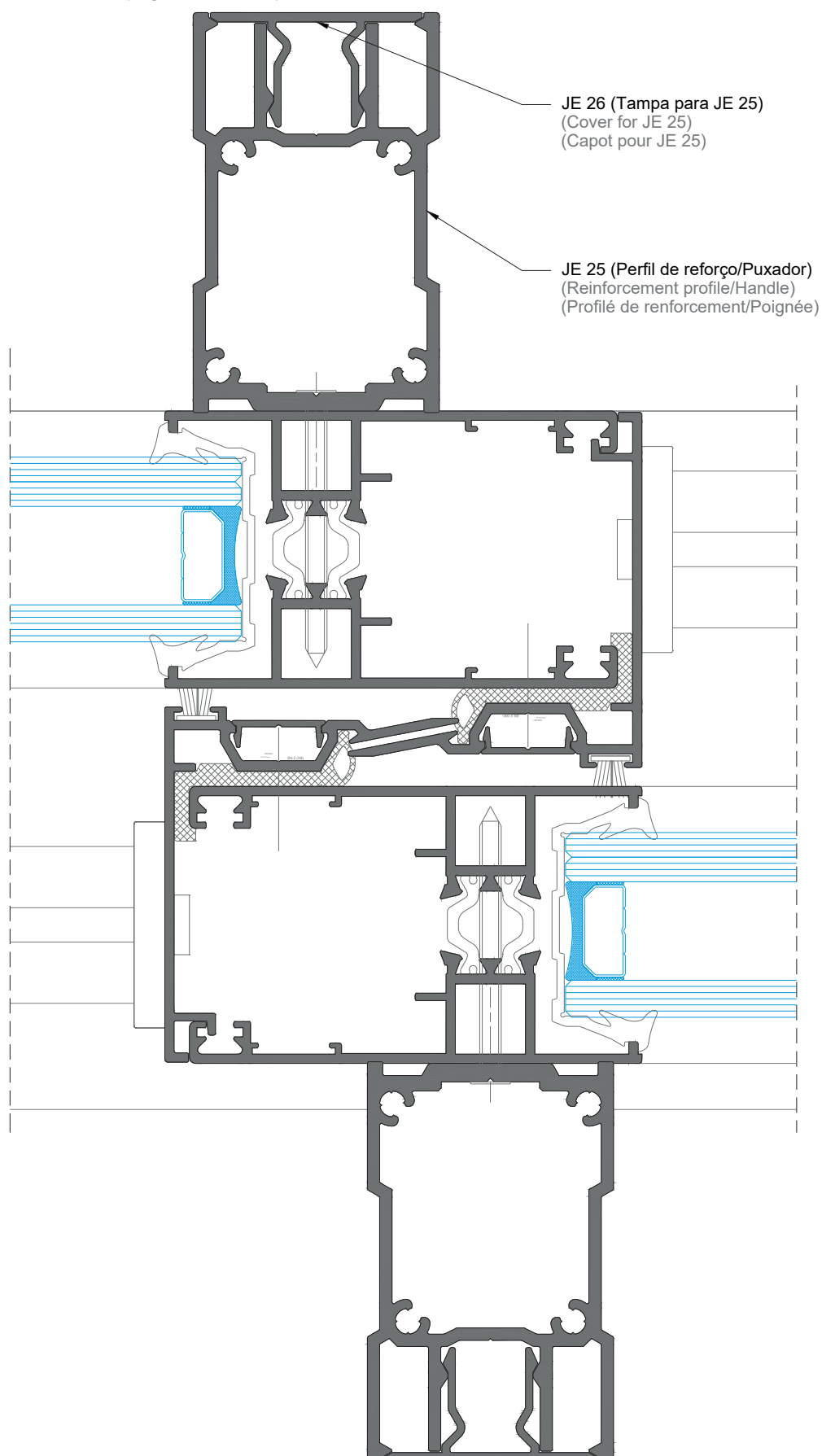


JE 30
Perfil complementar
Complementary profile | Profilé complémentaire



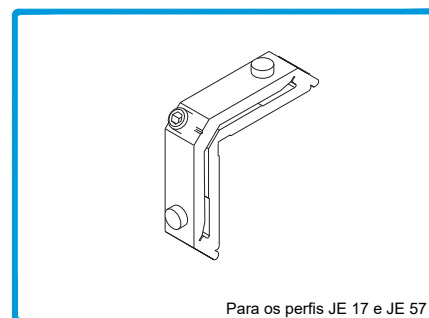
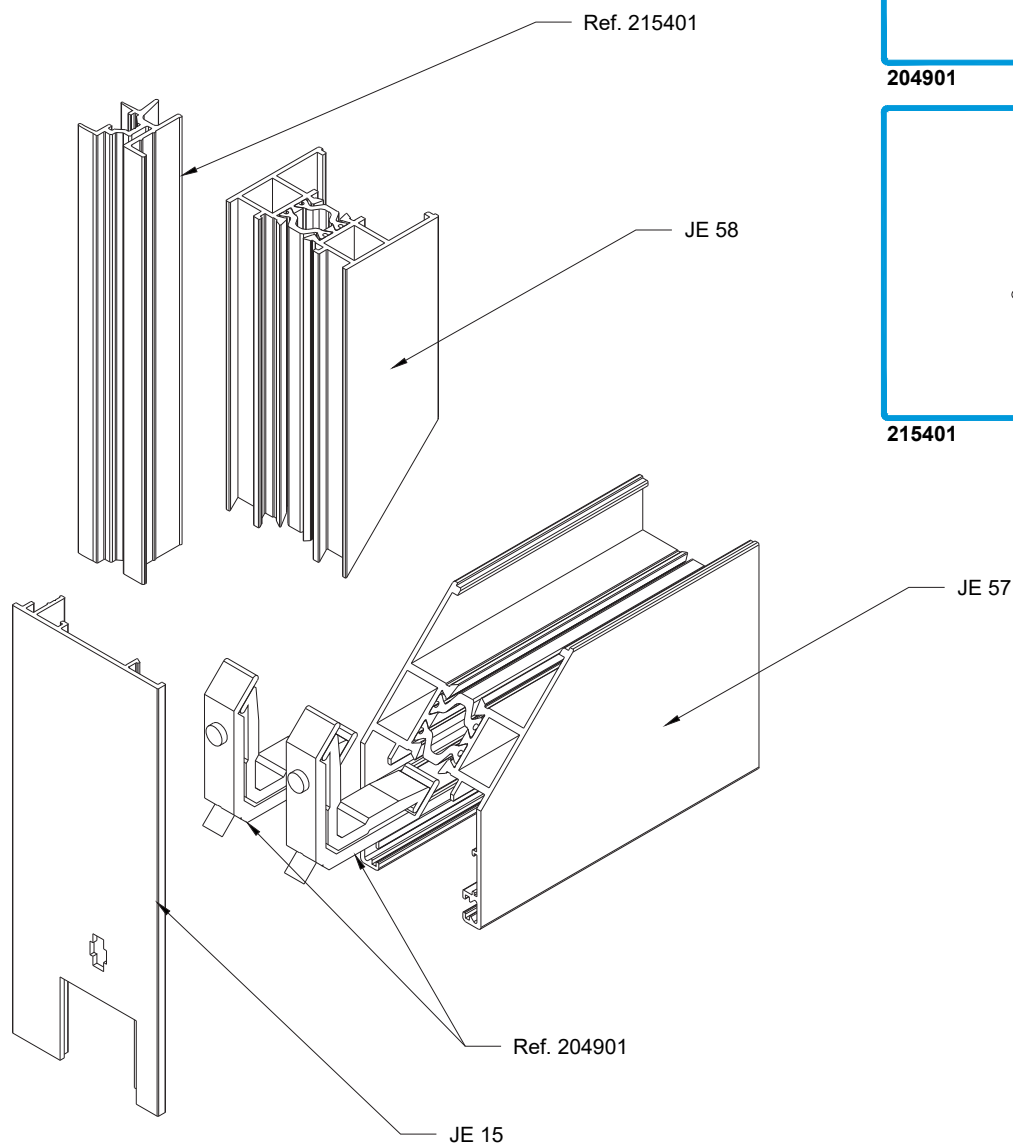
MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

- 6 - Montagem do perfil de reforço/puxador JE 25 + tampa JE 26
Reinforcement profile/handle JE 25 + cover JE 26 assembly
Assemblage du profilé reinforcement/poignée JE 25 + capot JE 26

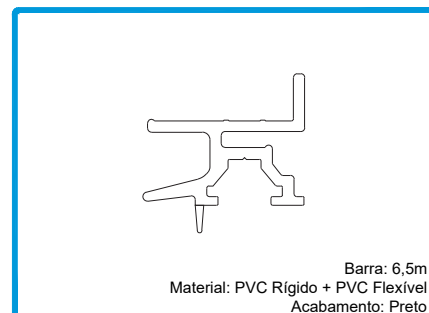


MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

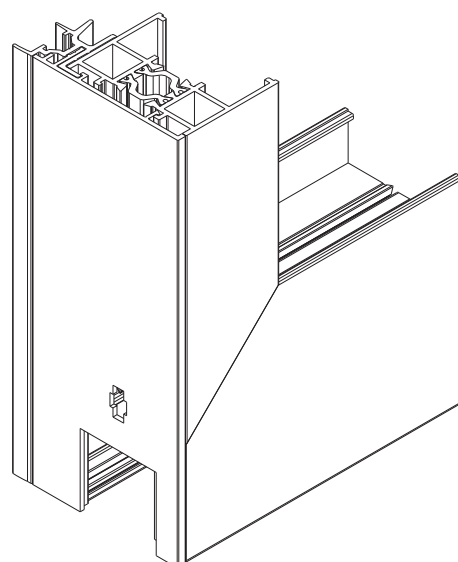
7 - Pormenor de montagem - JE 58 + JE 15
Assembly detail - JE 58 + JE 15
Détail d'assemblage - JE 58 + JE 15



Para os perfis JE 17 e JE 57
204901 ESQUADRO 18-1112-C

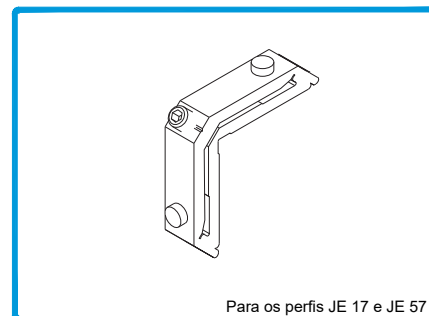


Barra: 6,5m
Material: PVC Rígido + PVC Flexível
Acabamento: Preto
215401 PERFIL CENTRAL PVC 2195 JE

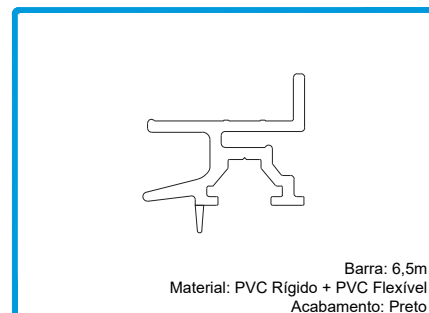


MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

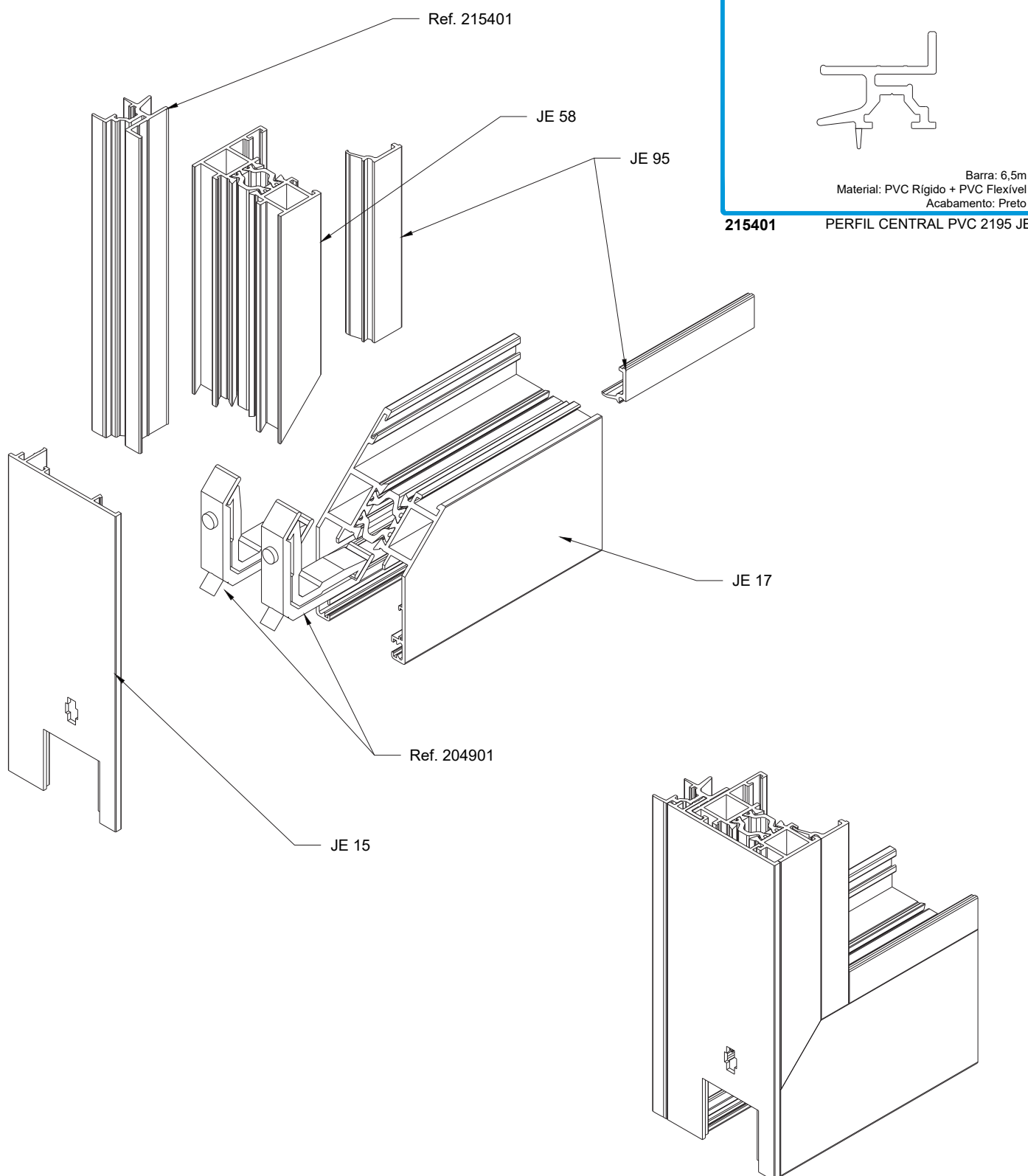
8 - Pormenor de montagem - JE 59 + JE 95 + JE 15
Assembly detail - JE 59 + JE 95 + JE 15
Détail d'assemblage - JE 59 + JE 95 + JE 15



Para os perfis JE 17 e JE 57
204901 ESQUADRO 18-1112-C

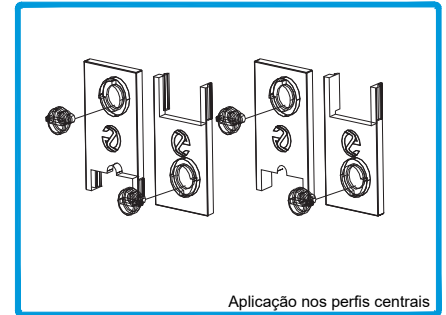
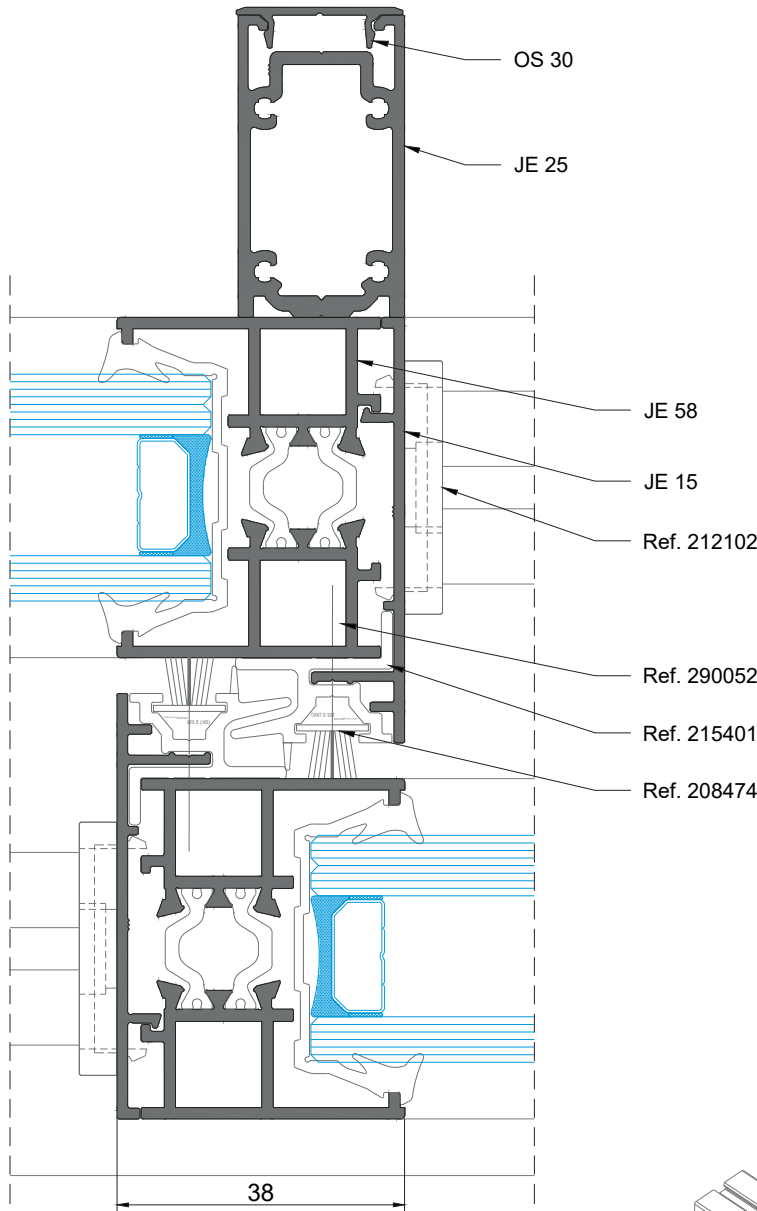


Barra: 6,5m
Material: PVC Rígido + PVC Flexível
Acabamento: Preto
215401 PERFIL CENTRAL PVC 2195 JE

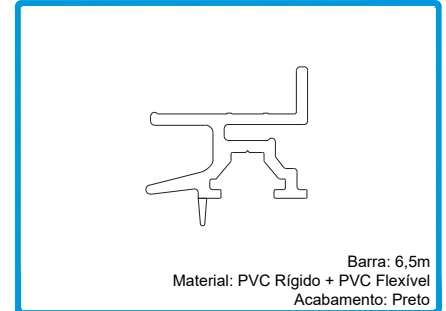


MONTAGEM DOS PERFIS
PROFILES ASSEMBLY
ASSEMBLAGE DES PROFILÉS

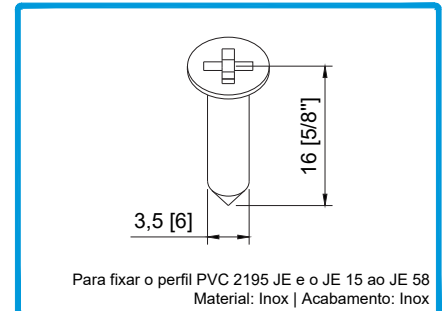
9 - Montagem do perfil de reforço/puxador JE 35 + tampa OS 30
Assembly of the JE 35 profile/handle reinforcement + cover OS 30
Assemblage du profilé de renforcement/poignée JE 35 + capot OS 30



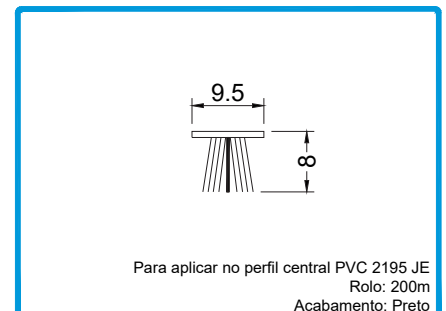
212102 CONJUNTO GUIAS JE



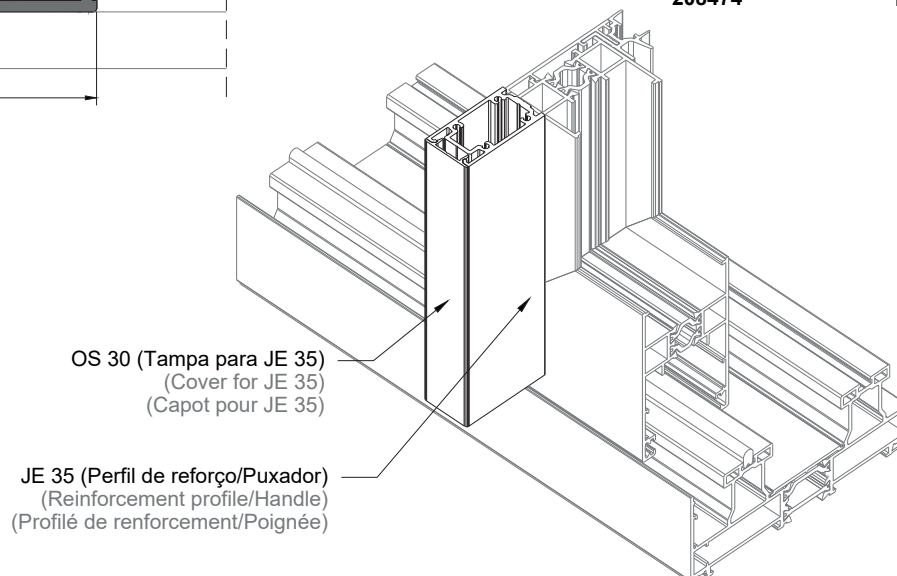
215401 PERFIL CENTRAL PVC 2195 JE



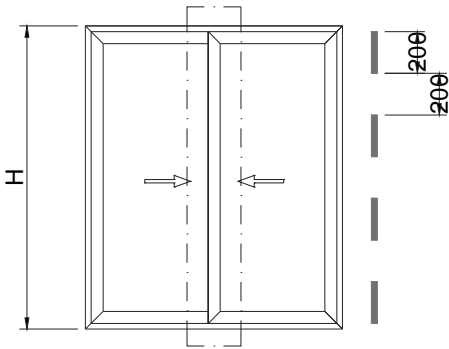
290052 PARAF. DIN7982 PH 3,5x16 INOX A2



208474 PELÚCIA 9,5x8 8P QF



RECOMENDAÇÃO PARA APLICAÇÃO DO VIDRO
RECOMMENDATION FOR THE APPLICATION OF GLASS
RECOMMANDATION POUR L'APPLICATION DU VERRE

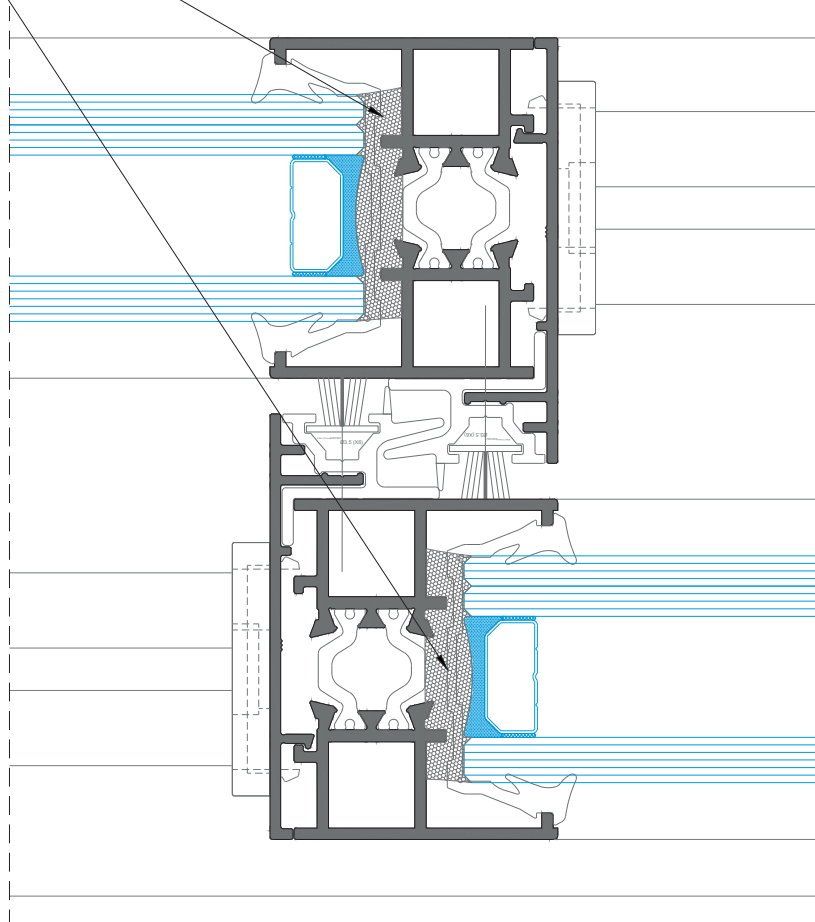
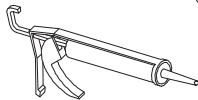


IMPORTANTE | IMPORTANT | IMPORTANT:

Recomenda-se a colagem do vidro com silicone estrutural para vãos com $H > 1500\text{mm}$
It is recommended to perform structural sealling of the glass when $H > 1500\text{mm}$
Le collage du verre avec du silicone structurel est recommandé pour les travées de $H > 1500\text{mm}$

Evitar o contato direto entre as juntas de EPDM e o silicone estrutural
Avoid direct contact between EPDM joints and structural silicone
Éviter le contact direct entre les joints EPDM et le silicone structurel.

Silicone estrutural
Structural silicone
Silicone structurel

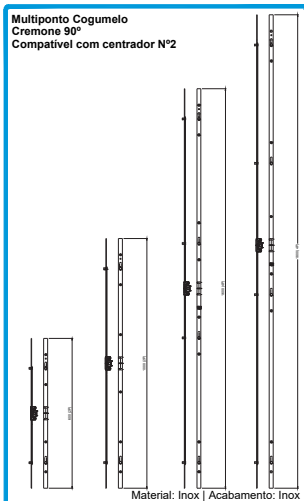


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

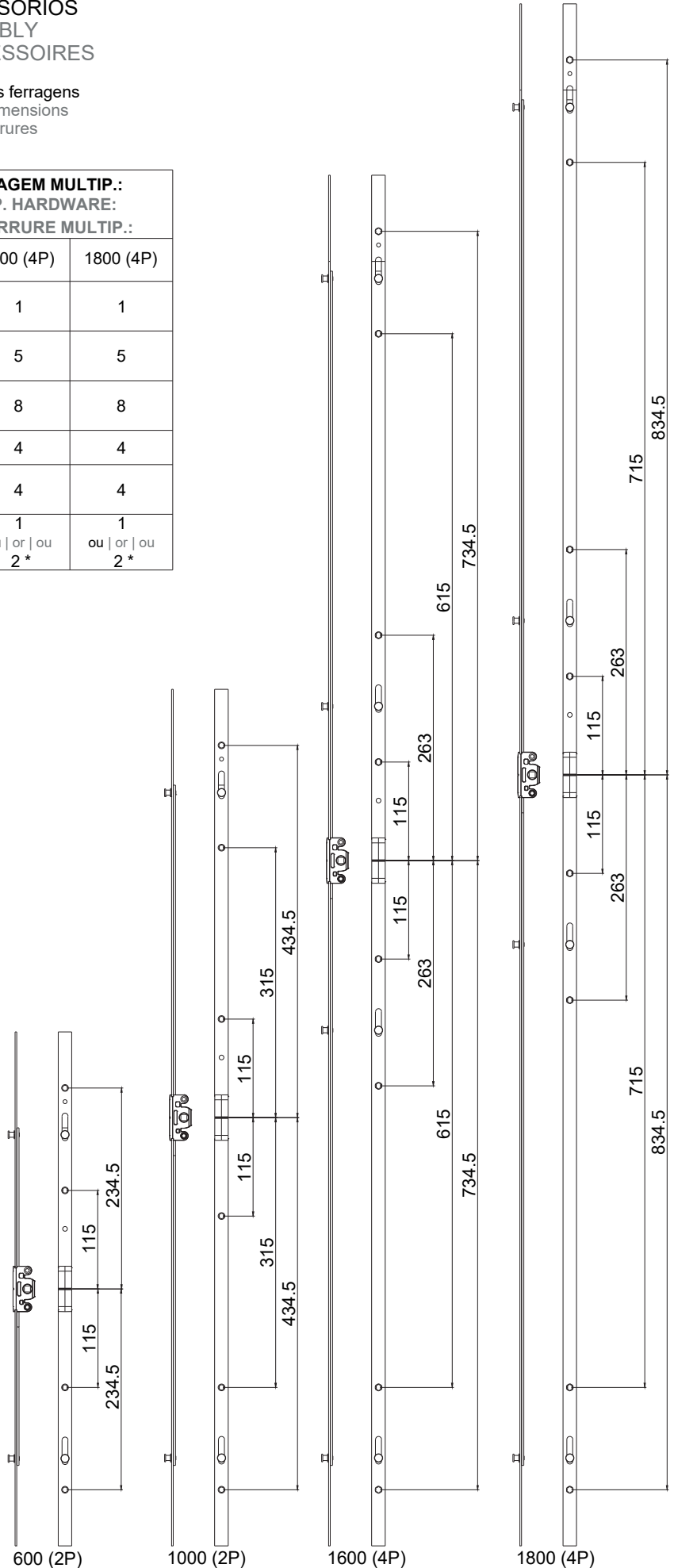
Ferragem multiponto para centrador - Dimensões das ferragens
Multipoint hardware for centering part - Hardwares dimensions
Serrure multipoint pour centeur - Dimensions des serrures

ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.: ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE: ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:				
Ref.	600 (2P)	1000 (2P)	1600 (4P)	1800 (4P)
200817 200819 200959 200939	1	1	1	1
218148	3	5	5	5
212017	4	6	8	8
202491	2	2	4	4
290095	2	2	4	4
212177	1 ou or ou 2 *	1 ou or ou 2 *	1 ou or ou 2 *	1 ou or ou 2 *

* Ver tabela da página "Aplicação do centrador"
See table on page "Centering Part Application"
Voir tableau page "Application du Centreur"



211222 F. MULTIP. CENTR. 600 (2P)
211223 F. MULTIP. CENTR. 1000 (2P)
211224 F. MULTIP. CENTR. 1600 (4P)
211225 F. MULTIP. CENTR. 1800 (4P)

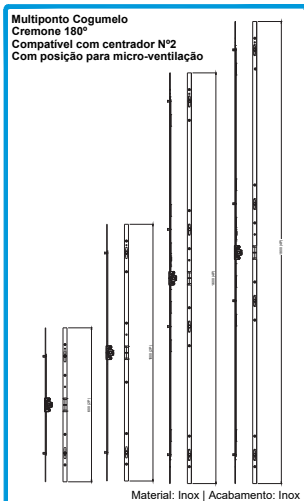


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

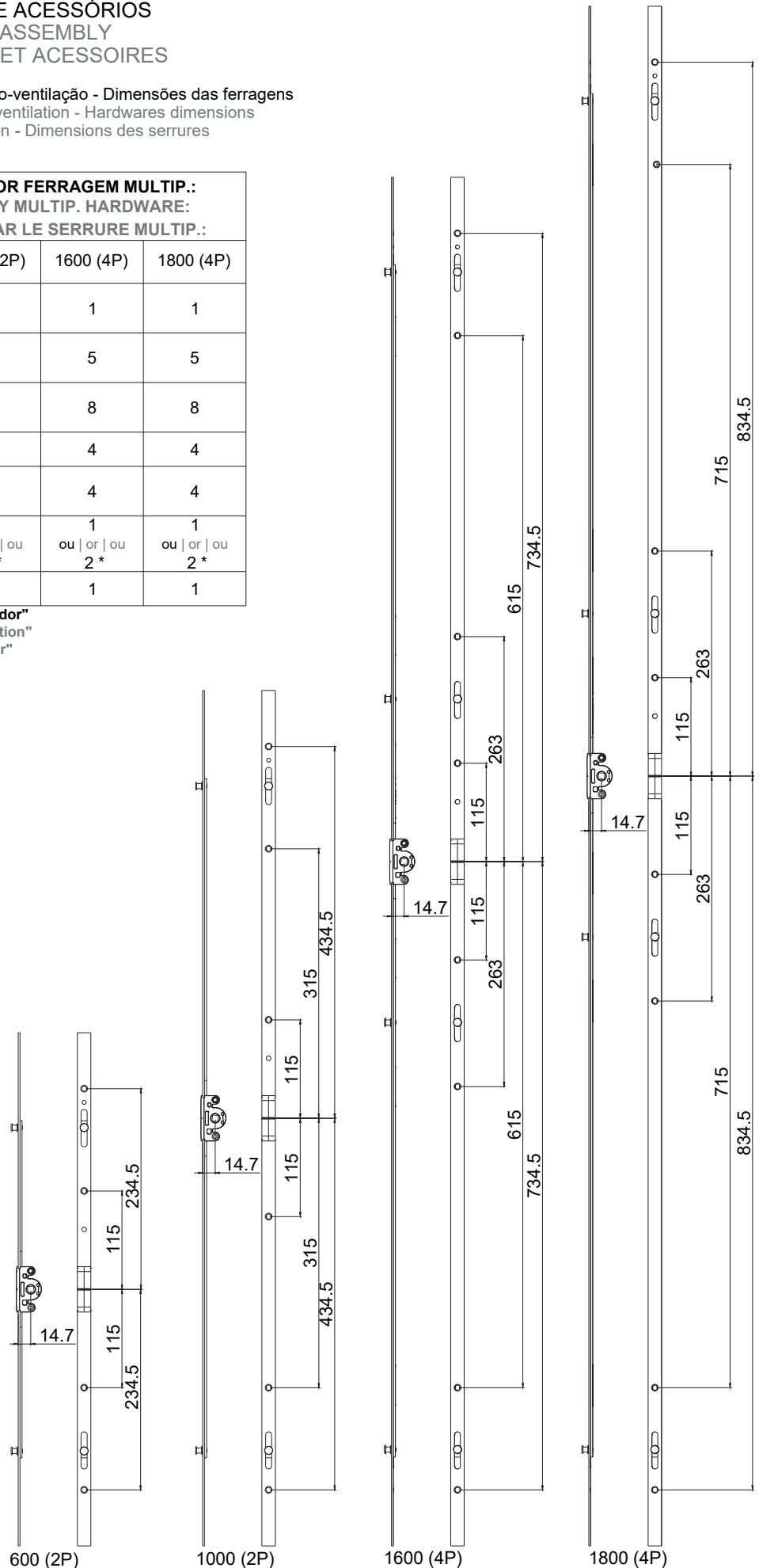
Ferragem multiponto para centrador e micro-ventilação - Dimensões das ferragens
Multipoint hardware for centering part and ventilation - Hardware dimensions
Serrure multipoint pour centeur et ventilation - Dimensions des serrures

ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.: ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE: ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:				
Ref.	600 (2P)	1000 (2P)	1600 (4P)	1800 (4P)
201083	1	1	1	1
218148	3	5	5	5
212017	4	6	8	8
202491	2	2	4	4
290095	2	2	4	4
212177	1 ou or ou 2 *	1 ou or ou 2 *	1 ou or ou 2 *	1 ou or ou 2 *
299217	1	1	1	1

* Ver tabela da página "Aplicação do centrador"
See table on page "Centering Part Application"
Voir tableau page "Application du Centreur"



211227 F. MULTIP. CENTR. C/VENT. 600 (2P)
211228 F. MULTIP. CENTR. C/VENT. 1000 (2P)
211229 F. MULTIP. CENTR. C/VENT. 1600 (4P)
211230 F. MULTIP. CENTR. C/VENT. 1800 (4P)



MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRS ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

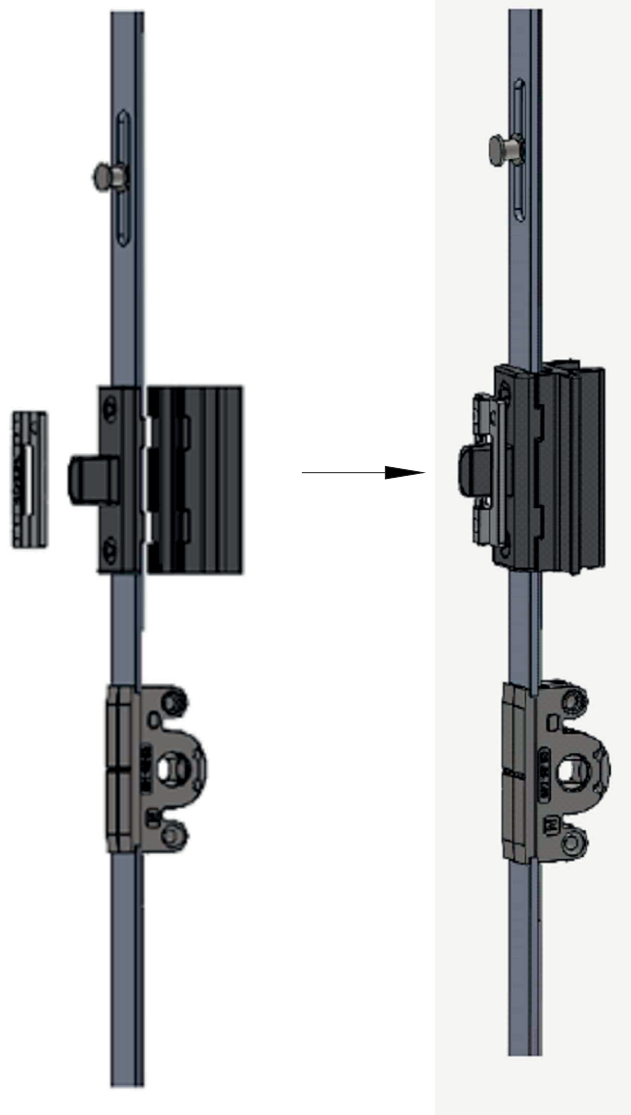
Ferragem Multiponto - Pormenores de aplicação
Multipoint hardware - Assembly details
Serrure multipoint - Détails d'assemblage

REGULAÇÃO | REGULATION | RÉGULATION

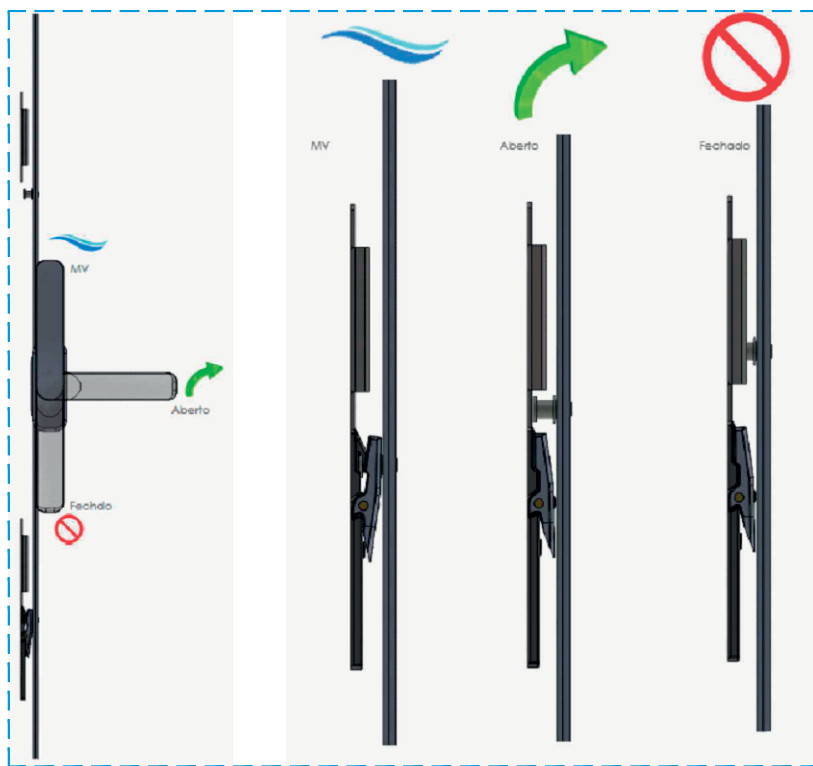
Abertura de micro-ventilação de 6mm com regulação até 9mm com recurso a uma chave Allen de 2,5mm.

6mm micro-ventilation opening with adjustment up to 9mm using a 2.5mm Allen key.

Ouverture de micro-ventilation de 6 mm avec réglage jusqu'à 9 mm à l'aide d'une clé Allen de 2,5 mm.



POSIÇÕES DE ABERTURA
OPENING POSITIONS | POSITIONS D'OUVERTURE

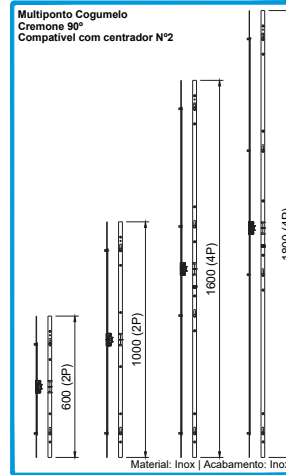
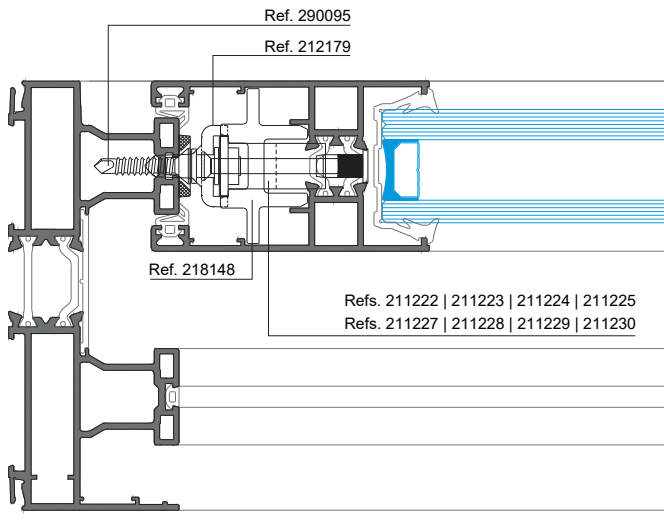


REGULAÇÃO
REGULATION | RÉGULATION

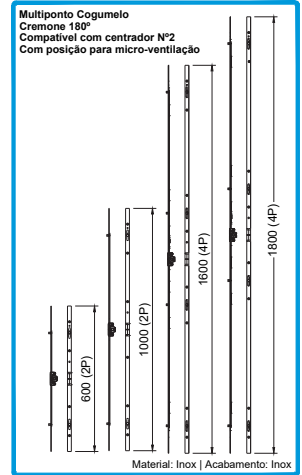


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

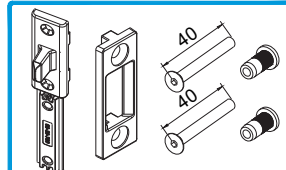
Ferragem Multiponto - Pormenores de aplicação
Multipoint hardware - Assembly details
Serrure multipoint - Détails d'assemblage



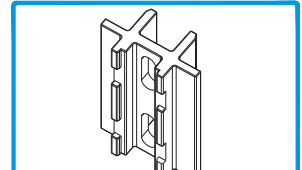
- 211222 F. MULTIP. CENTR. 600 (2P)
- 211223 F. MULTIP. CENTR. 1000 (2P)
- 211224 F. MULTIP. CENTR. 1600 (4P)
- 211225 F. MULTIP. CENTR. 1800 (4P)



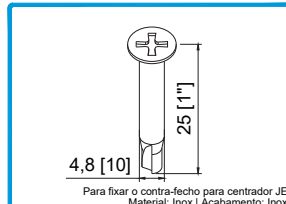
- 211227 F. MULTIP. CENTR. C/VENT. 600 (2P)
- 211228 F. MULTIP. CENTR. C/VENT. 1000 (2P)
- 211229 F. MULTIP. CENTR. C/VENT. 1600 (4P)
- 211230 F. MULTIP. CENTR. C/VENT. 1800 (4P)



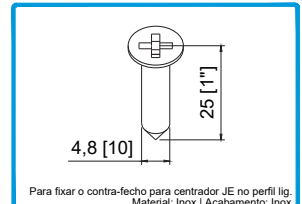
- 212177 CONJ. CENTRADOR P/ FERRAGEM JE



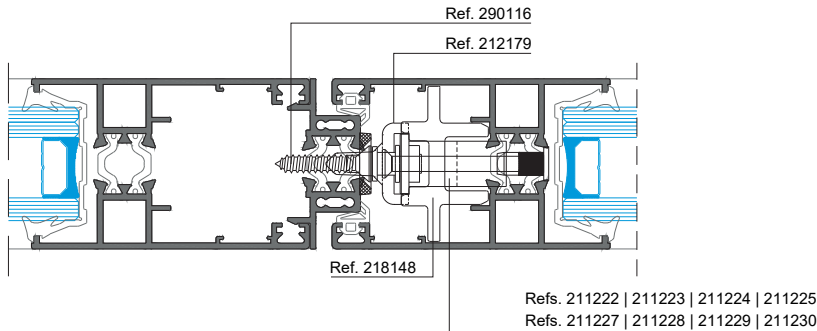
- 218148 CALÇO N°2 P/ MULTIP. SOS JE



- 290095 PARAFUSO DIN7504-P PH 4,8x25 A2

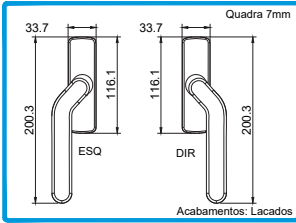


- 290116 PARAFUSO CX 4,8x25 INOX A2

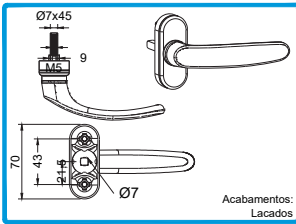


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

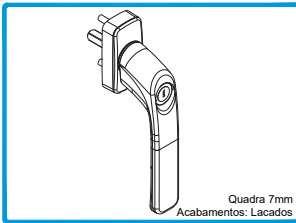
Ferragem multiponto para centrador - maquinação
Multipoint hardware for centering part - machining
Serrure multipoint pour centeur - usinage



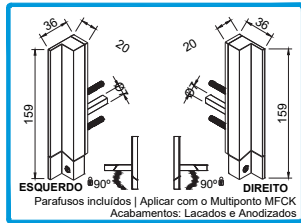
200939 CREMONE M.P. DESVIADO (Esq.)
200959 CREMONE M.P. DESVIADO (Dir.)
Acabamentos: Lacados



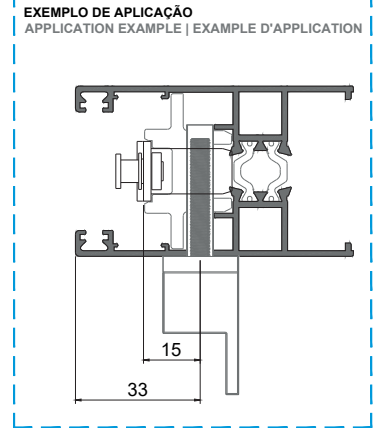
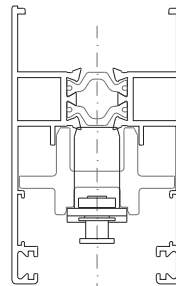
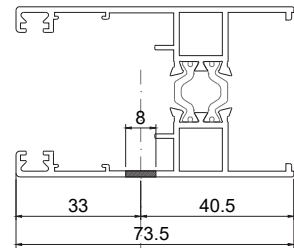
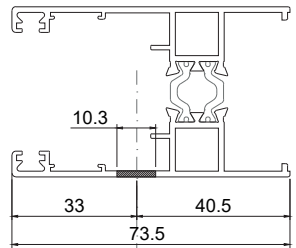
200025 PUXADOR SIMPLES 608L SOS
Acabamentos: Lacados



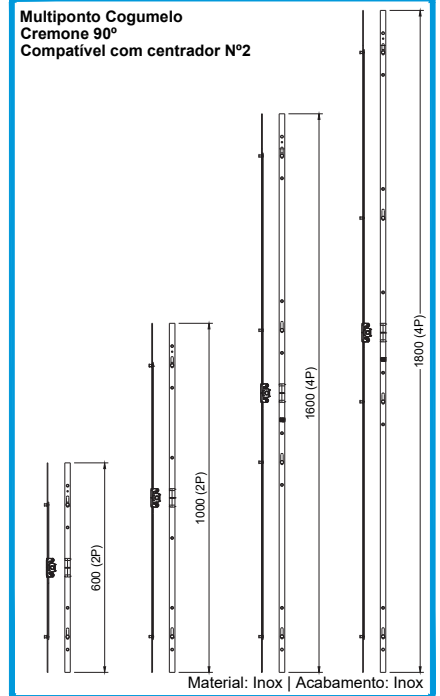
200167 CREMONE MULTIP. COM CHAVE
Acabamentos: Lacados



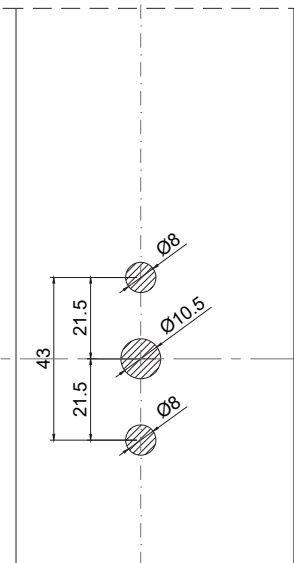
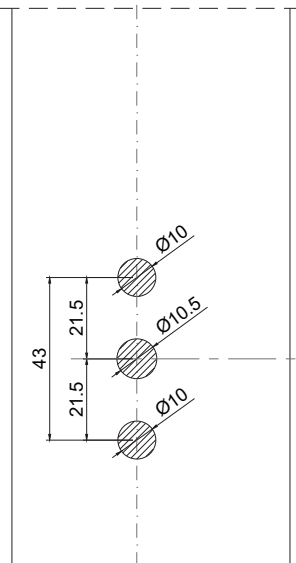
200817 PUXADOR SLIM XS (Direito)
200819 PUXADOR SLIM XS (Esquerdo)
Parafusos incluídos | Aplicar com o Multiponto MFCK
Acabamentos: Lacados e Anodizados



Eixo do cremone
Handle axis
Axe de crémona

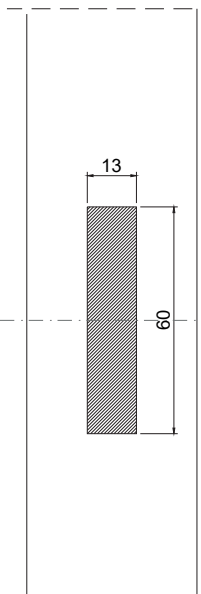
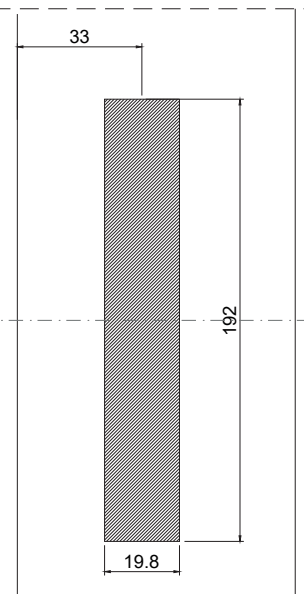
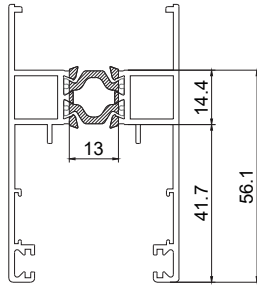
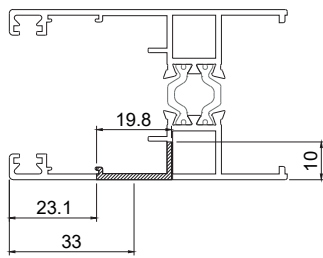


211222 F. MULTIP. CENTR. 600 (2P)
211223 F. MULTIP. CENTR. 1000 (2P)
211224 F. MULTIP. CENTR. 1600 (4P)
211225 F. MULTIP. CENTR. 1800 (4P)
Material: Inox | Acabamento: Inox

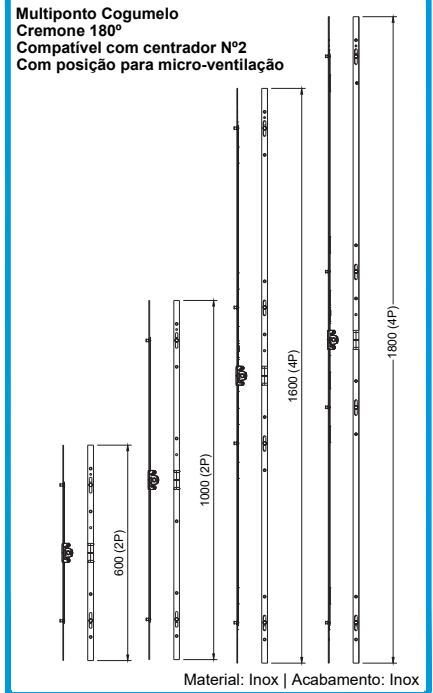


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

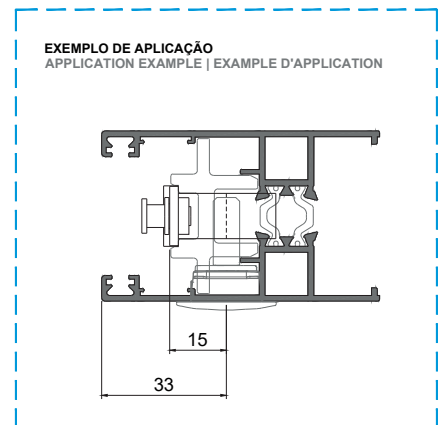
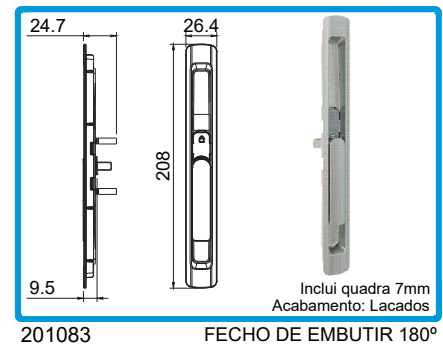
Ferragem multiponto para centrador e micro-ventilação - maquinação
Multipoint hardware for centering part and ventilation - machining
Serrure multipoint pour centeur et ventilation - usinage



Eixo da quadra
Spindle axis
Axe de tige



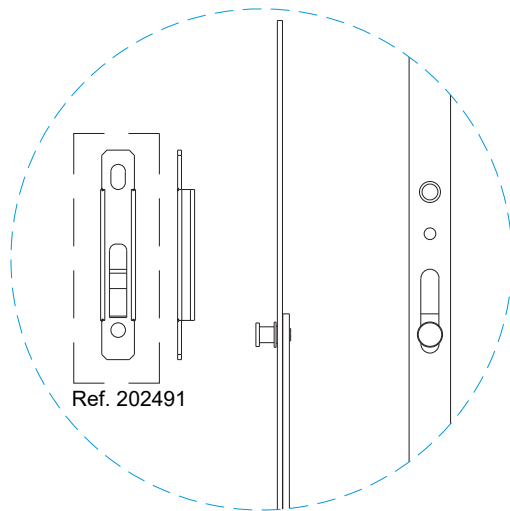
- 211227 F. MULTIP. CENTR. C/VENT. 600 (2P)
- 211228 F. MULTIP. CENTR. C/VENT. 1000 (2P)
- 211229 F. MULTIP. CENTR. C/VENT. 1600 (4P)
- 211230 F. MULTIP. CENTR. C/VENT. 1800 (4P)



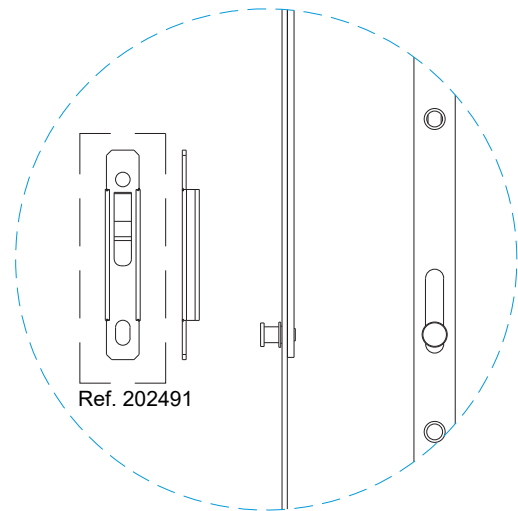
MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Ferragem Multiponto - Pontos de fecho
Multipoint hardware - Locking points
Serrure multipoint - points de fermeture

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-LIFTING FUNCTION
(Ramp in the lower zone of the locking plate)
CONTRE-FERMETURE AVEC FONCTION ANTI-LEVAGE
(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-LIFTING FUNCTION
(Ramps in the lower zones of the locking plate)
FERMETURE SANS FONCTION ANTI-LEVAGE
(Rampes dans les zones supérieures des casiers)

IMPORTANTE | IMPORTANT | IMPORTANT:
Apenas 1 unidade por prumada.
Only 1 unit per lateral.
Seulement 1 unité par latéral.

Aplicação do centrador
Centering part application
Application du centreur

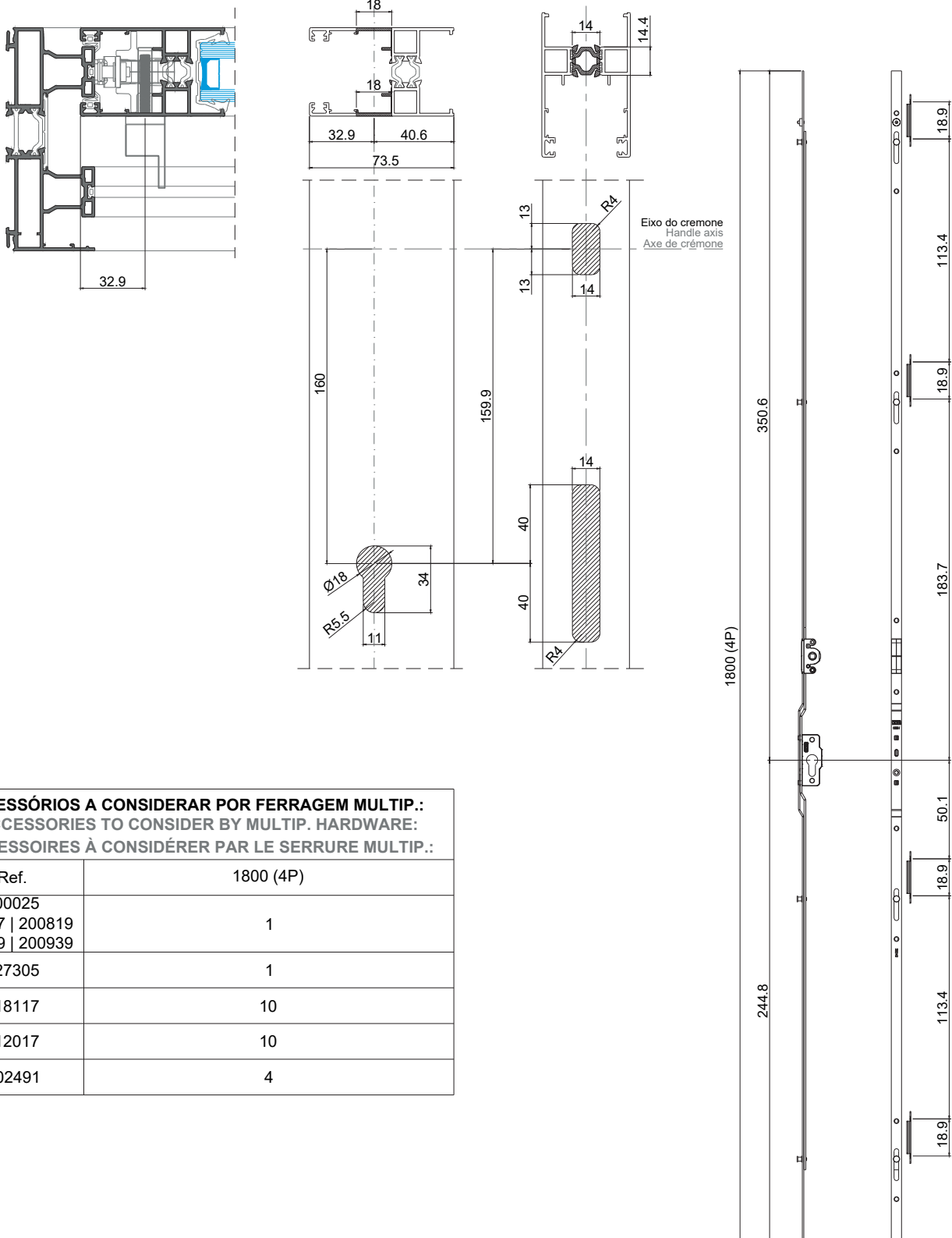
	EXPOSIÇÃO 1 EXPOSURE 1 EXPOSITION 1		EXPOSIÇÃO 2 EXPOSURE 2 EXPOSITION 2	
	COR COLOR COULEUR		COR COLOR COULEUR	
ALTURA HIGH HAUTEUR	CLARO BRIGHT CLAIRE	ESCURO DARK FONCÉE	CLARO BRIGHT CLAIRE	ESCURO DARK FONCÉE
H ≤ 1500	0	0	0	1
1500 < H ≤ 1750	0	1	1	2
1750 < H ≤ 2000	1	2	2	2
H > 2000	2	2	2	2

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

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

MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

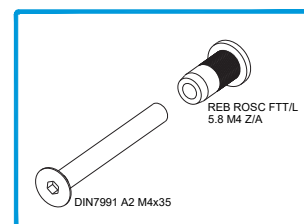
Ferragem Multiponto anti-falsa manobra com chave
Anti-false manoeuvre multipoint hardware with key
Serrure multipoint anti-faux manoeuvre avec clé



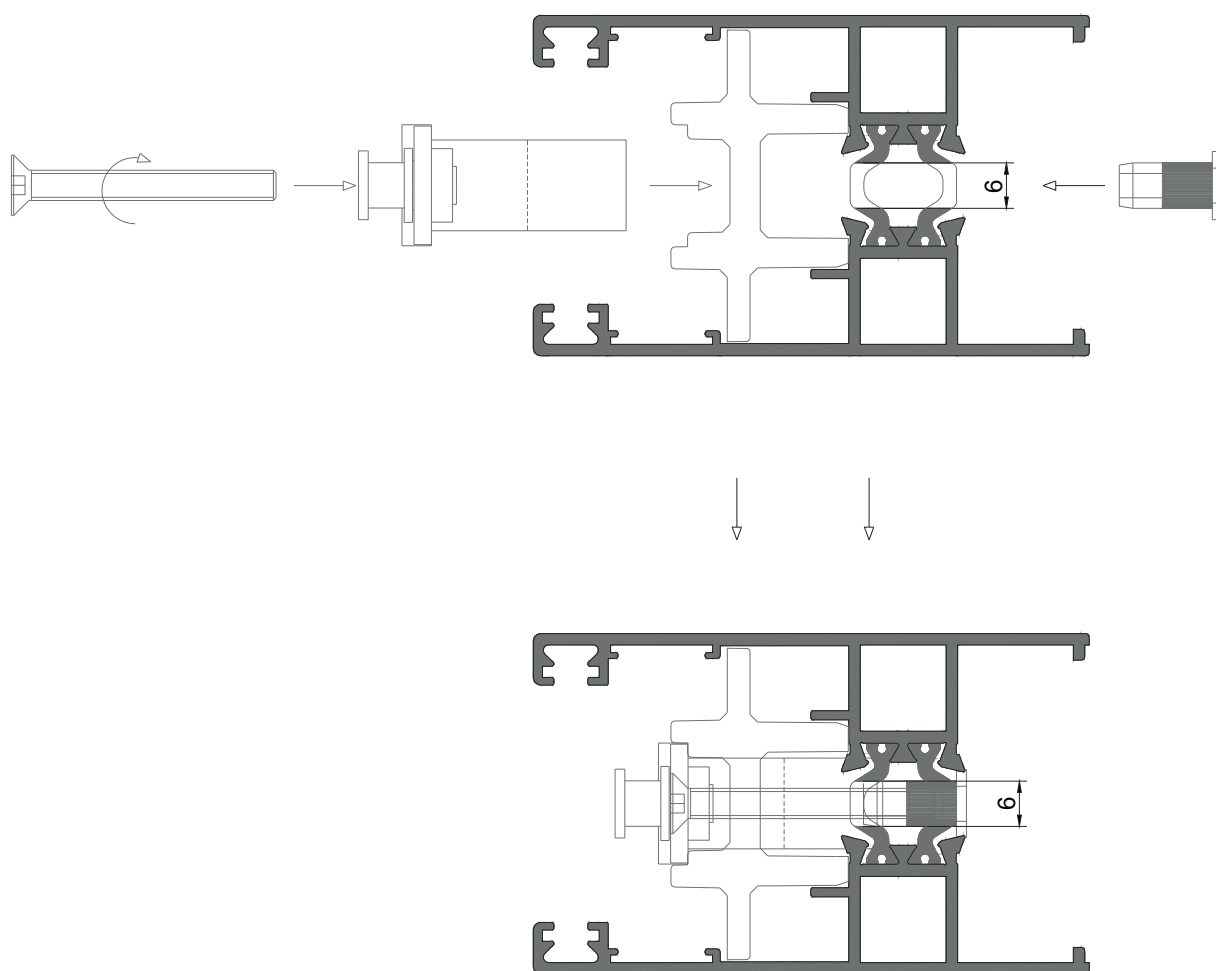
ACESSÓRIOS A CONSIDERAR POR FERRAGEM MULTIP.:	
ACCESSORIES TO CONSIDER BY MULTIP. HARDWARE:	
ACCESSOIRES À CONSIDÉRER PAR LE SERRURE MULTIP.:	
Ref.	1800 (4P)
200025	
200817 200819	1
200959 200939	
227305	1
218117	10
212017	10
202491	4

MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Ferragem Multiponto - Fixações
Multipoint hardware - Fastenings
Serrure multipoint - Fixations

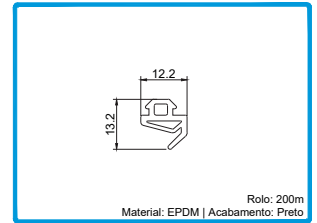
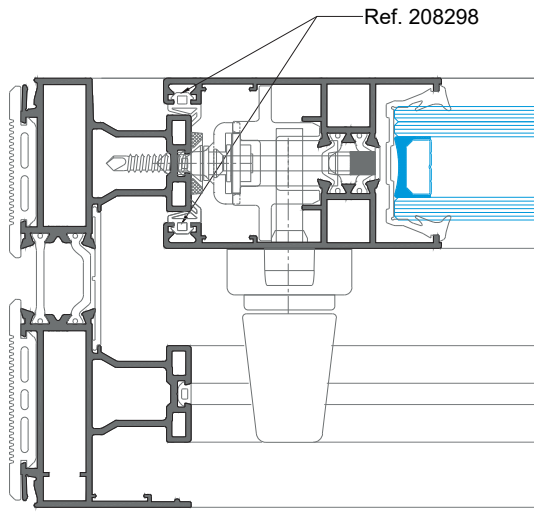


212017 CONJUNTO FIXAÇÃO FERRAGEM MULTI-PONTO

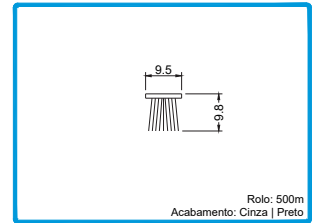


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

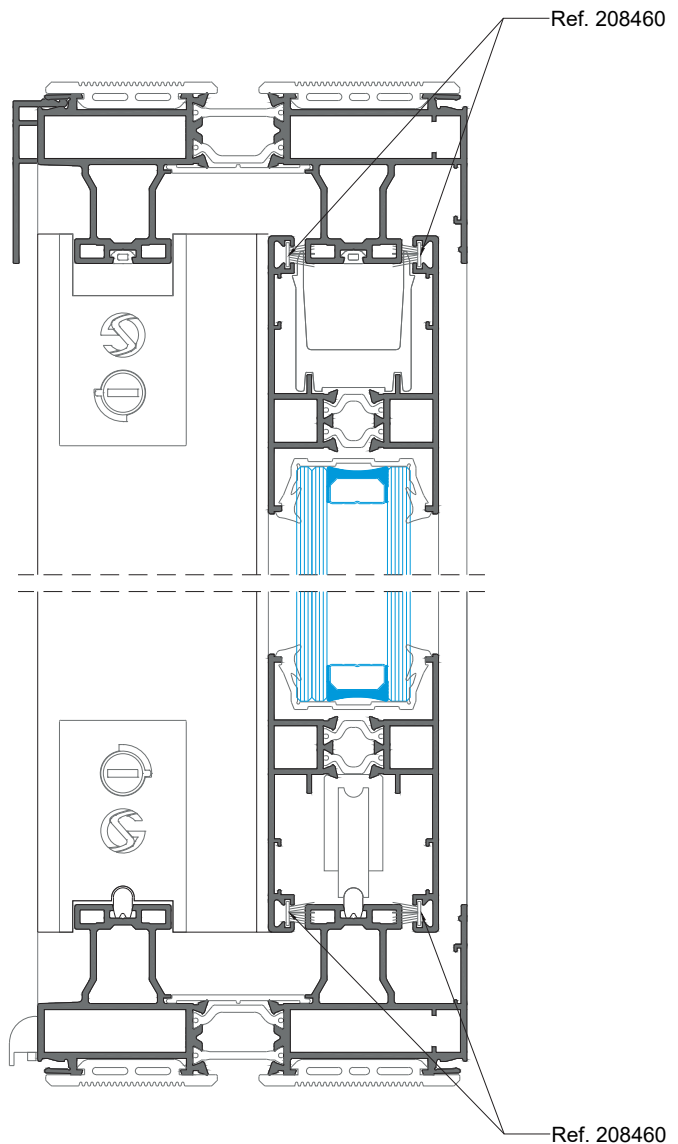
Ferragem multiponto - Aplicação de vedantes e pelúcias
Multipoint hardware - Gaskets and plushes application
Serrure multipoint - Applications des joints et joints brosses



Rolo: 200m
Material: EPDM | Acabamento: Preto
208298 JUNTA DE ESTANQUICIDADE 2065

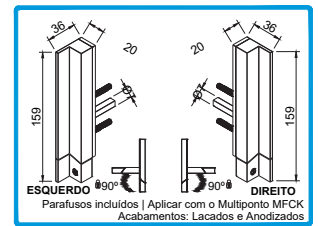


Rolo: 500m
Acabamento: Cinza | Preto
208460 JUNTA PELÚCIA 7x7 STOP-FIN

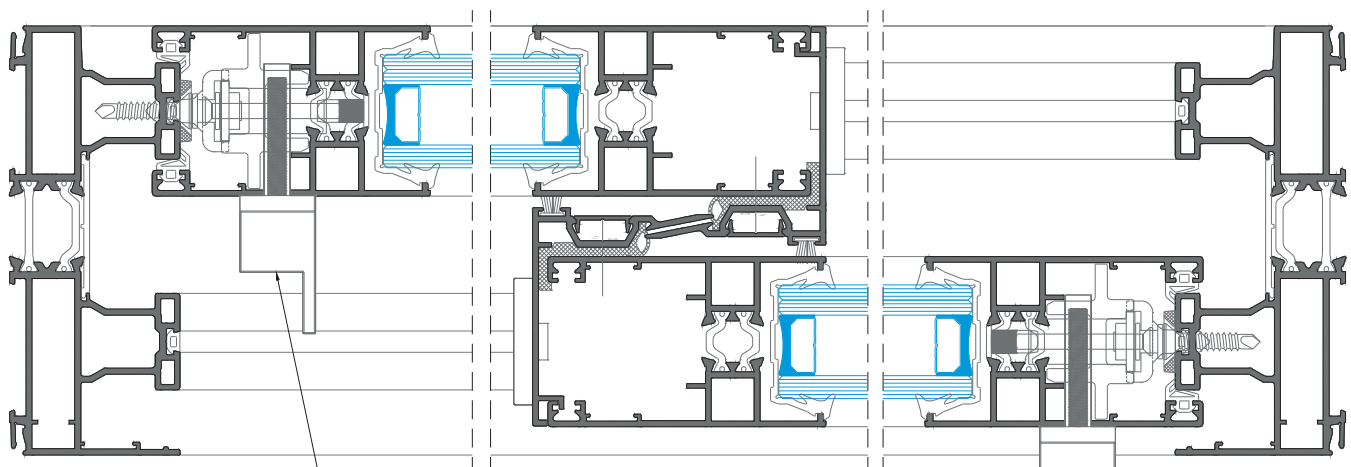


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Puxadores para multiponto: montagem dos Puxadores slim xs
Multipoint handles: slim xs handles assembly
Poignées multipoint: assemblage des poignées slim xs



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

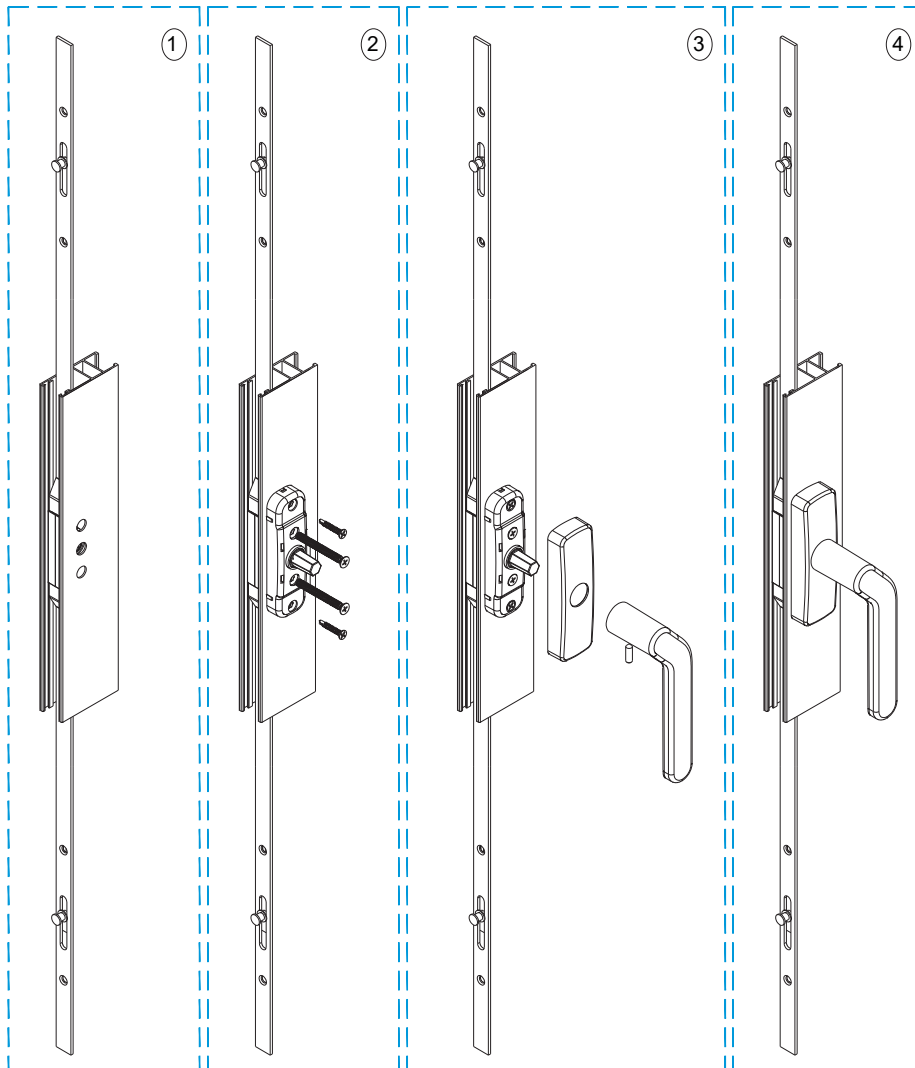
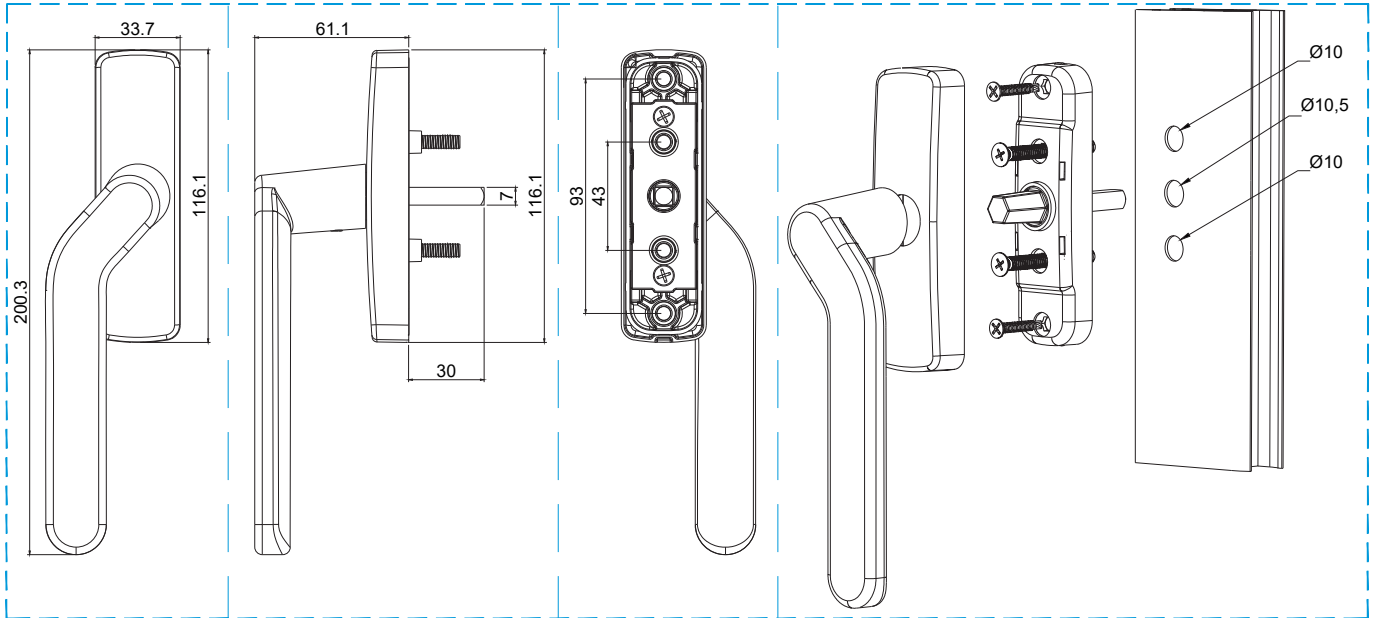
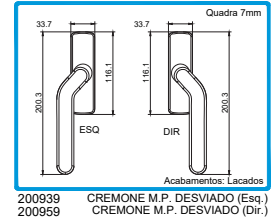


Puxador Slim XS Direito (Ref. 200817)
Handle | Poignée

Puxador Slim XS Esquerdo (Ref. 200819)
Handle | Poignée

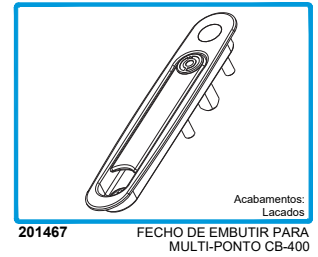
MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRS ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Puxadores para multiponto: dimensões e montagem dos Cremones desviados
Multipoint handles: Offset handles dimensions and assembly
Poignées multipoint: dimensions et assemblage des Poignées coudeé



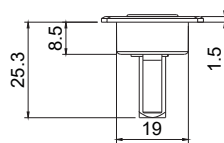
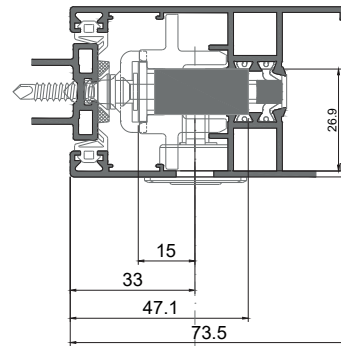
MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Puxadores para multiponto: dimensões e furações do Fecho de embutir CB-400
Multipoint handles: CB-400 Recessed handle dimensions and drillings
Serrure multipoint: dimensions et perçage de Fermeture à encastrer CB-400

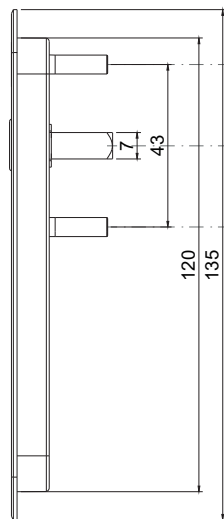


201467

FECHO DE EMBUTIR PARA
MULTI-PONTO CB-400



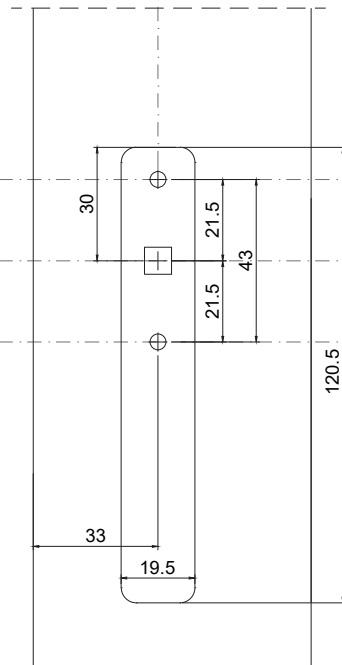
Vista superior
Top view | Vue
supérieur



Vista lateral
Side view | Vue
latéral

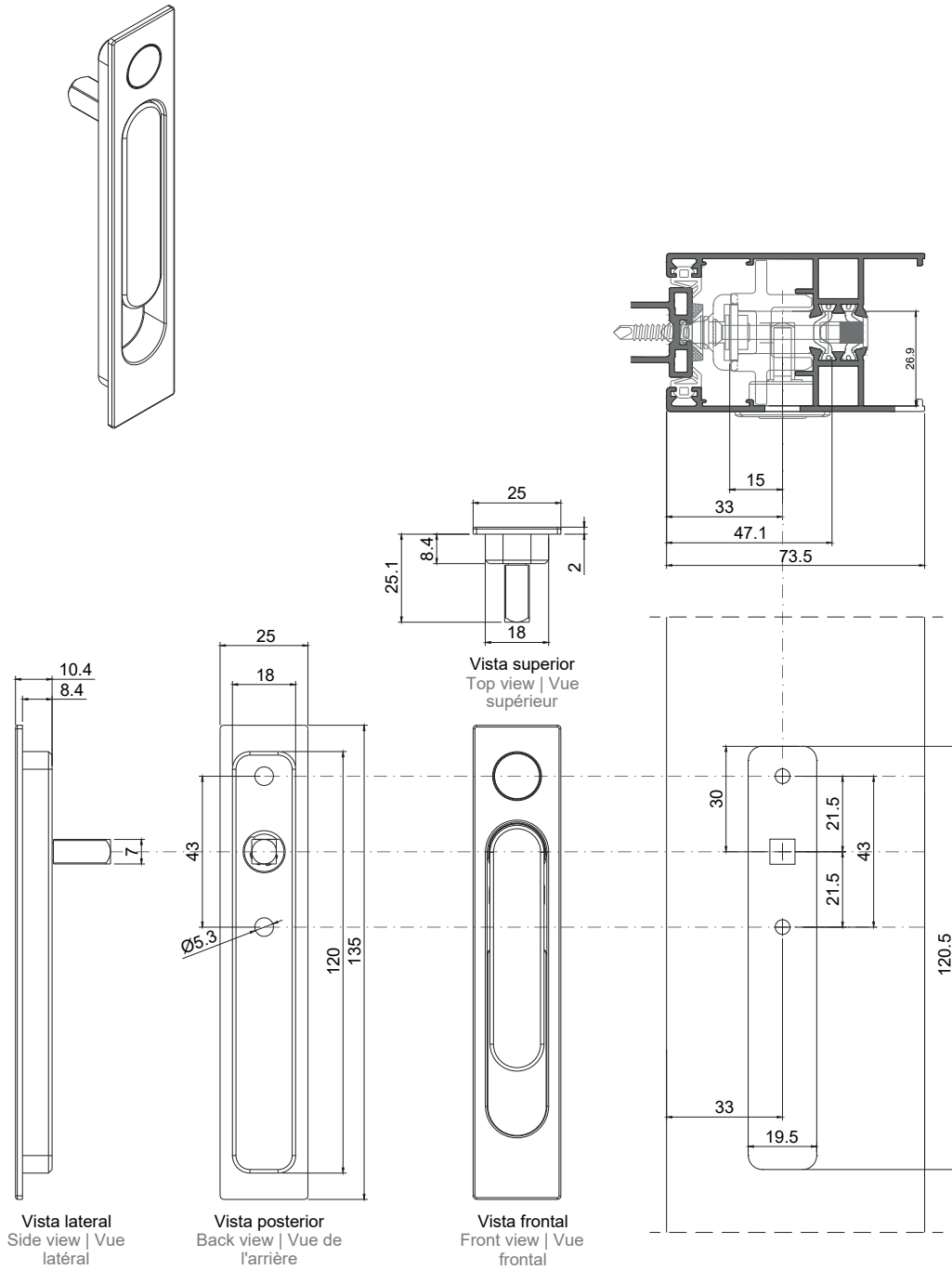
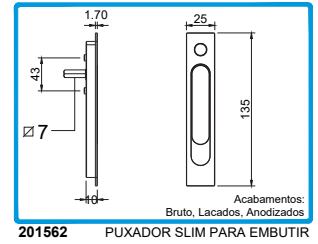


Vista frontal
Front view | Vue
frontal



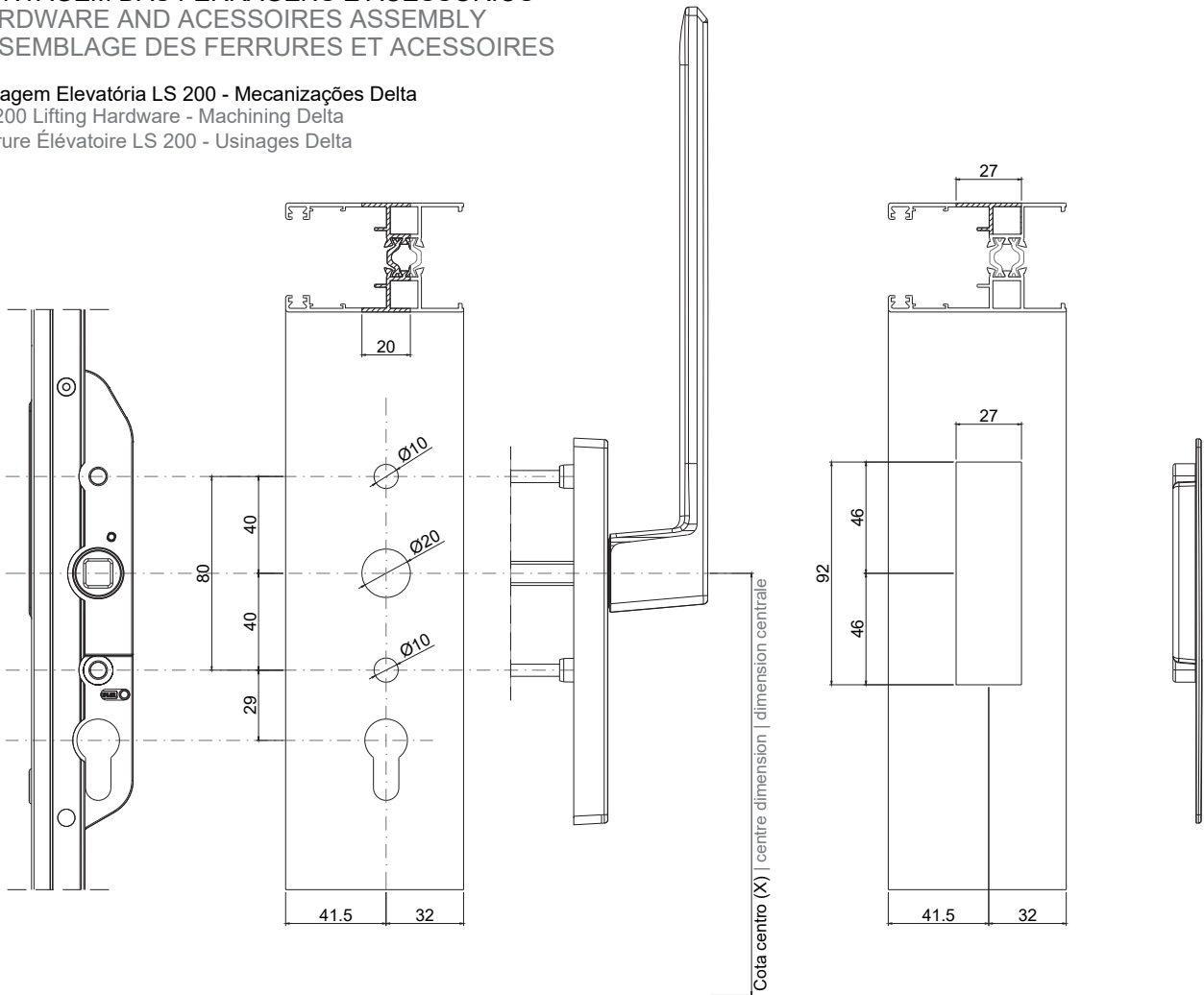
MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

Puxadores para multiponto: dimensões e furações do Puxador Slim de embutir
 Multipoint handles: Slim Recessed handle dimensions and drillings
 Serrure multipoint: dimensions et perçage de Fermeture Slim à encastrer

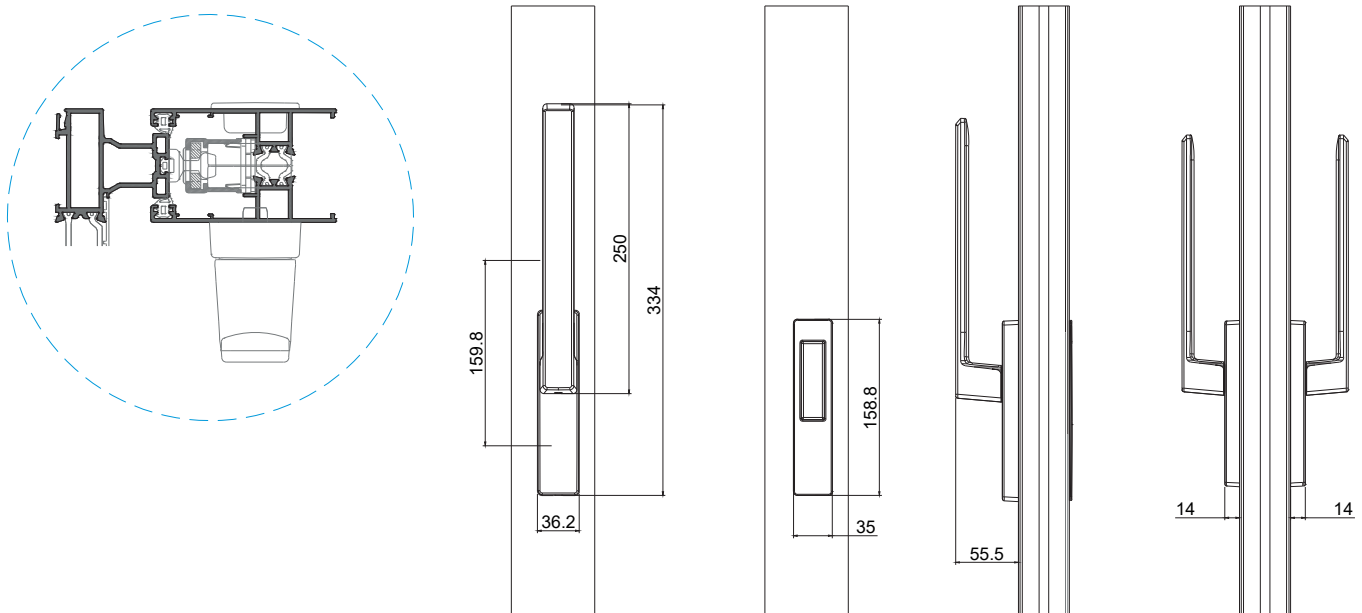


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

Ferragem Elevatória LS 200 - Mecanizações Delta
LS 200 Lifting Hardware - Machining Delta
Serrure Élévatoire LS 200 - Usinages Delta

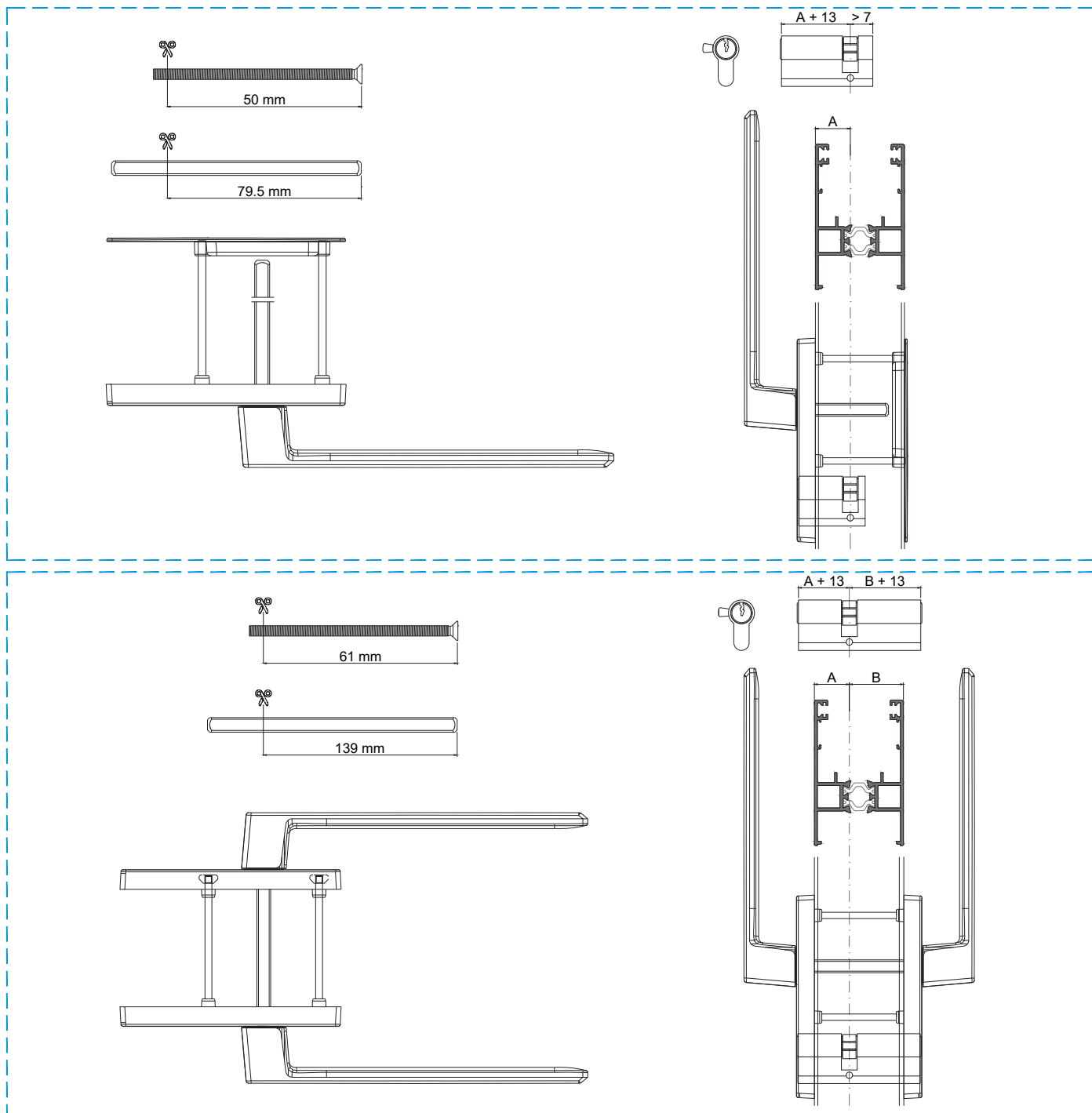


Dimensão ao centro Centre dimension Dimension centrale			
Designação Designation Désignation	Ref.	X (mm)	
FERRAGEM CREMONE ELEVÁVEL LS 200 H 1800-440MM	211219	481	
FERRAGEM CREMONE ELEVÁVEL LS 200 H 1800-2100	211216	996	
FERRAGEM CREMONE ELEVÁVEL LS 200 H 2101-2400	211217	996	
FERRAGEM CREMONE ELEVÁVEL LS 200 H 2401-2700	211218	996	



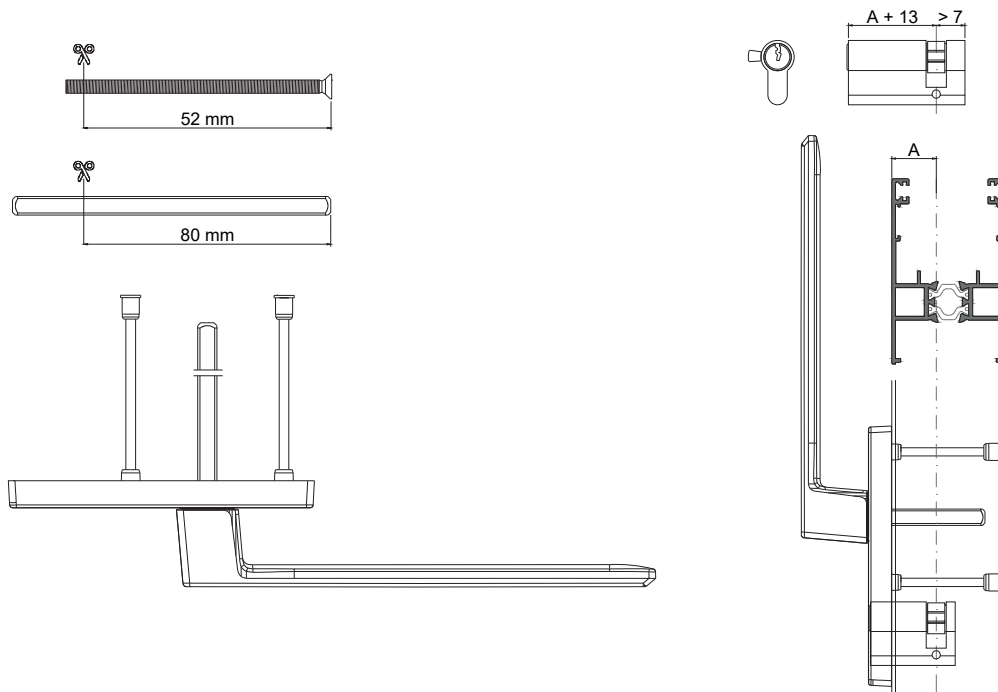
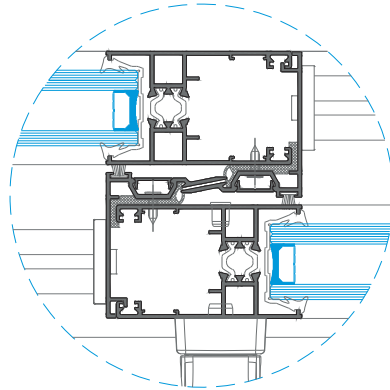
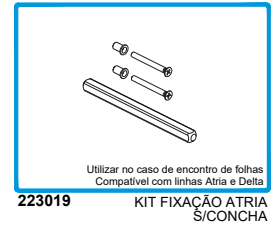
MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

Ferragem Elevatória LS 200 - Montagem Delta
LS 200 Lifting Hardware - Assembly Delta
Serrure Élévatoire LS 200 - Assemblage Delta



MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Ferragem Elevatória LS 200 - Montagem Delta: Encontro do mesmo rail
LS 200 Lifting Hardware - Assembly Delta: Meeting of the same rail
Serrure Élévatoire LS 200 - Assemblage Delta: Rencontrer le même rail

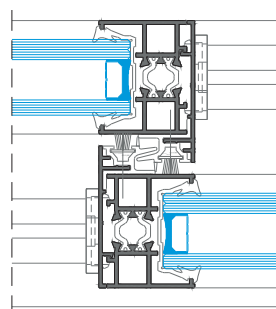


IMPORTANTE | IMPORTANT | IMPORTANT

A ferragem elevatória não é possível de aplicar nos perfis centrais JE 58/59.

The lifting hardware cannot be used on JE 58/59 centre profiles.

Le serrure élévatoire ne peut être utilisé sur les profils centraux JE 58/59.

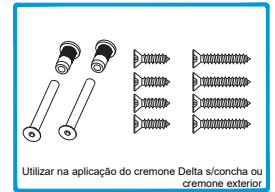


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

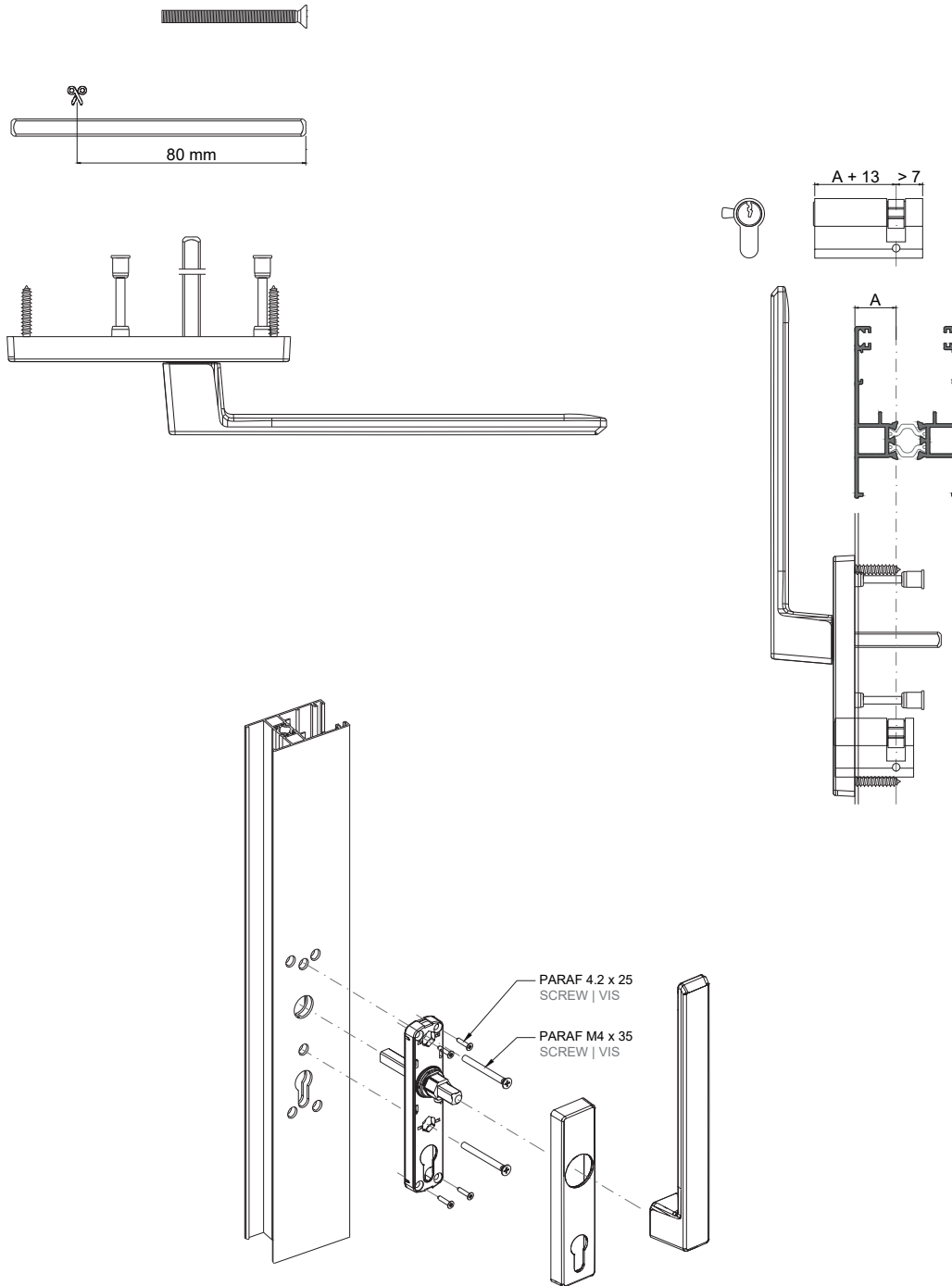
Ferragem Elevatória LS 200 - Montagem Delta: Sem concha ou cremone pelo exterior

LS 200 Lifting Hardware - Assembly Delta: No shell or cremone on the outside

Serrure Élévatoire LS 200 - Assemblage Delta: Pas de coquille ou de cremone à l'extérieur



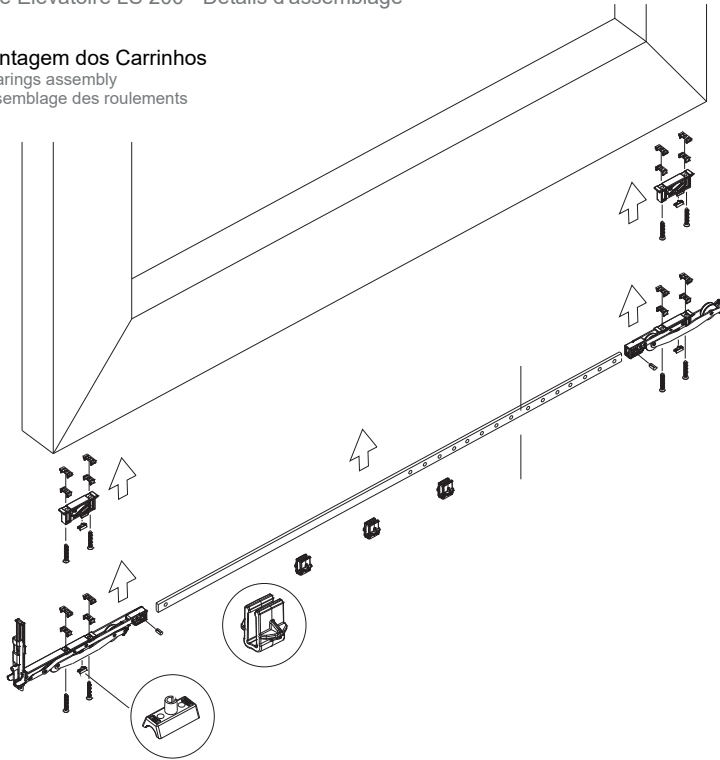
Utilizar na aplicação do cremone Delta s/concha ou cremone exterior
223018 KIT FIXAÇÃO DELTA SIMPLES



MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

Ferragem Elevatória LS 200 - Pormenores de montagem
LS 200 Lifting Hardware - Assembly details
Serrure Élévatoire LS 200 - Détails d'assemblage

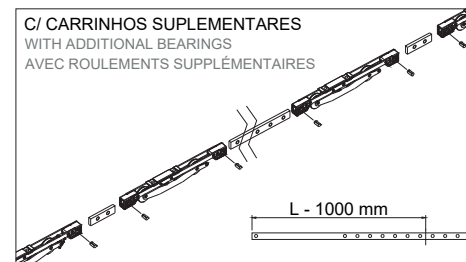
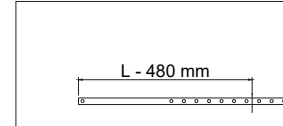
1 - Montagem dos Carrinhos
Bearings assembly
Assemblage des roulements



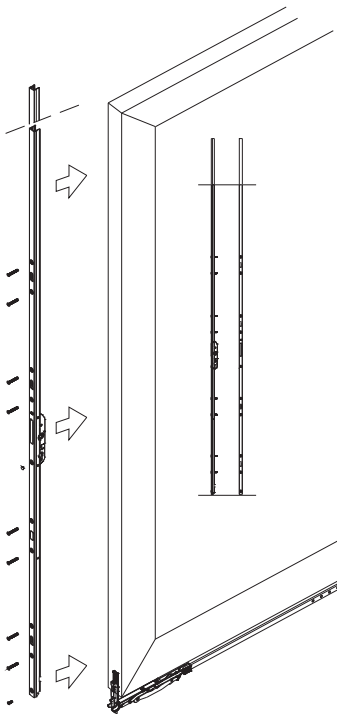
1.1 Pré-montagem dos carrinhos com a barra de ligação.
Preassembly of the bearings with the connecting rod.
Prémontage des roulements avec la bielle.

1.2 Fixar os carrinhos ao perfil. (*)
Fixing the bearings to the profile. (*)
Fixation des roulements sur le profilé. (*)

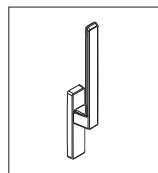
(*) No caso de uma folha fixa só se realiza o passo 2.
(*) In the case of a fixed sash only step 2 is performed.
(*) Dans le cas d'un vantail fixe, seule l'étape 2 est réalisée.



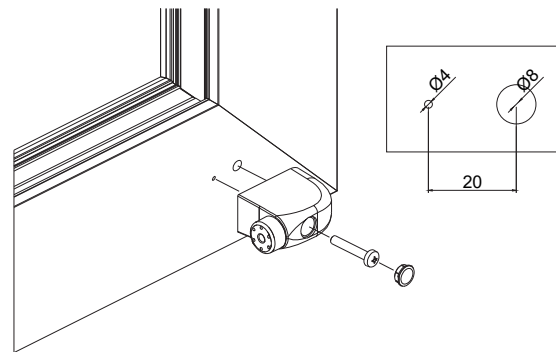
2 - Montagem Ferragem
Hardware assembly
Assemblage du serrure



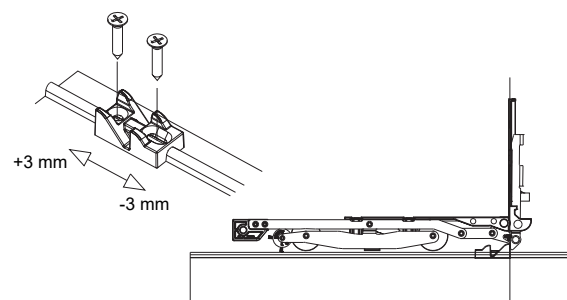
A montagem deve ser realizada com o cremone em posição de fechado.
The assembly must be carried out with the cremone inclosed position.
Le montage doit être effectué avec la crémonne en position fermée.



3 - Montagem Limitador de abertura
Opening limiter assembly
Assemblage du limiteur d'ouverture



4 - Montagem ponto de fecho horizontal
Horizontal locking point assembly
Assemblage du point de verrouillage horizontal

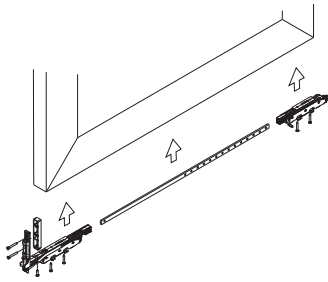


MONTAGEM DAS FERRAGENS E ACESSÓRIOS HARDWARE AND ACCESSORIES ASSEMBLY ASSEMBLAGE DES FERRURES ET ACCESSOIRES

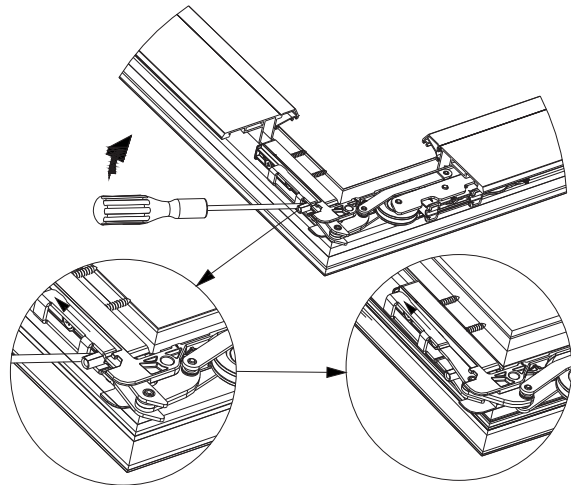
Ferragem Elevatória LS 200 - Pormenores de montagem
LS 200 Lifting Hardware - Assembly details
Serrure Élévatoire LS 200 - Détails d'assemblage

5 - Montagem da mola compensadora Spring compensator assembly Assemblage du compensateur à ressort

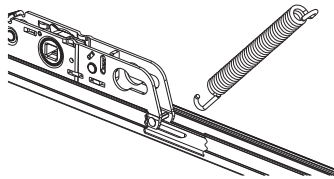
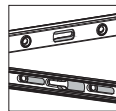
- 5.1 Fixar o conjunto dos carrinhos + barra de ligação ao perfil.
Fit the set of bogies + connection rod to the profile.
Fixer l'ensemble roulements + tige de connexion au profilé.



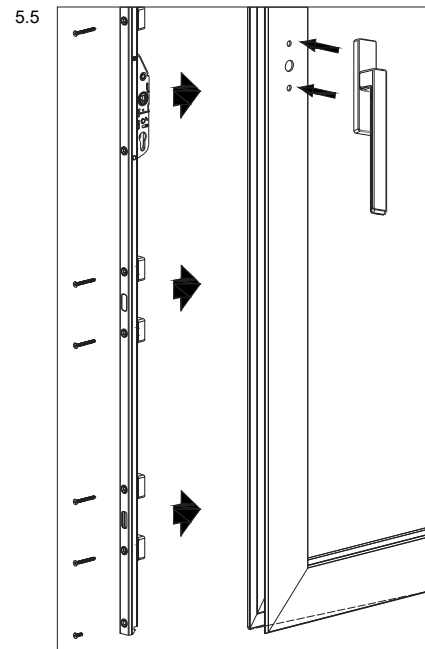
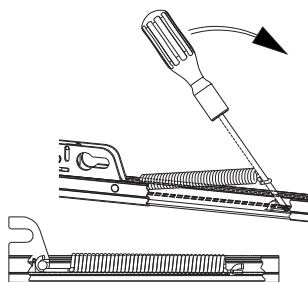
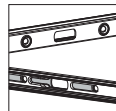
- 5.1 Desbloquear os carrinhos para permitir a mudança para posição de aberto.
Unblock the bogies to enable the change to open position.
Déverrouillez les roulements pour permettre le passage en position ouverte.



- 5.3 Ferragem em posição fechado.
Hardware in closed position.
Ferrure en position fermée.



- 5.4 Ferragem em posição aberto.
Hardware in open position.
Ferrure en position ouverte.

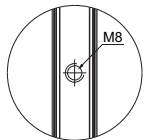


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACCESSORIES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACCESSOIRES

Ferragem Elevatória LS 200 - Pormenores de montagem
LS 200 Lifting Hardware - Assembly details
Serrure Élévatoire LS 200 - Détails d'assemblage

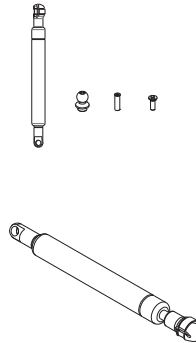
6 - Montagem do cilindro amortecedor de cremone
Damping cylinder assembly
Assemblage du cylindre d'amortisseur

Considerações pré instalação - ferragem.
Pre-installation considerations - hardware.
Considérations pré-installation - ferrure.

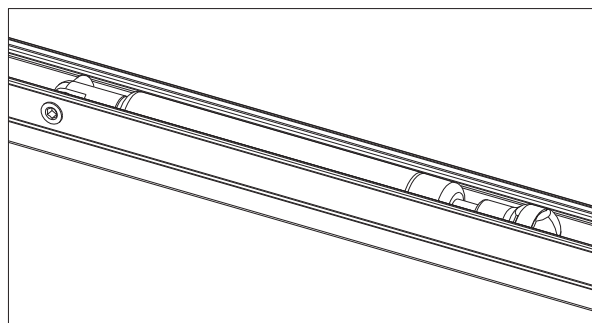
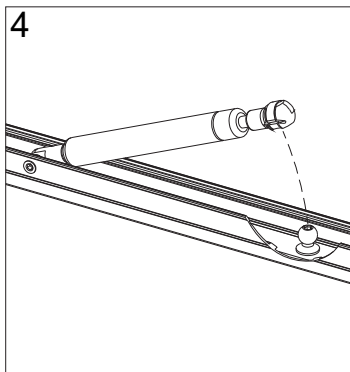
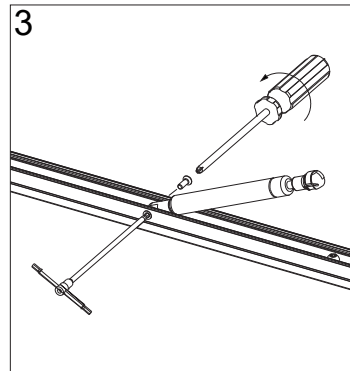
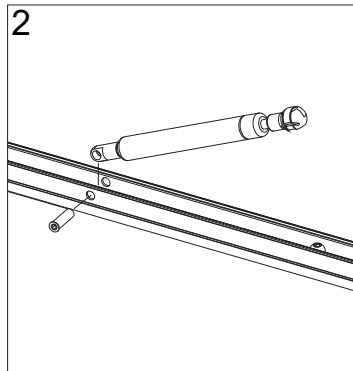
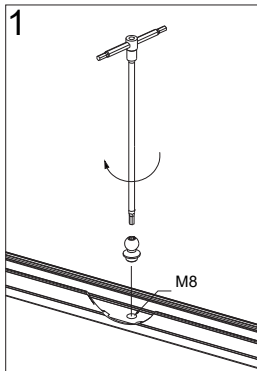


Colocar a ferragem em posição aberto.
Seating the hardware in open position.
Placer le ferrure en position ouverte.

Peças incluídas no kit.
Parts included in the kit.
Pièces incluses dans le kit.

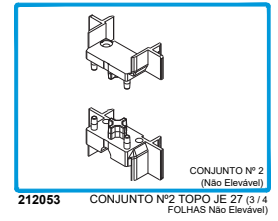
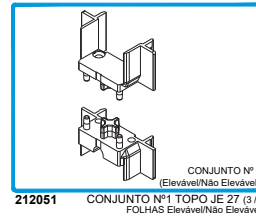


MONTAGEM | ASSEMBLY | ASSEMBLAGE

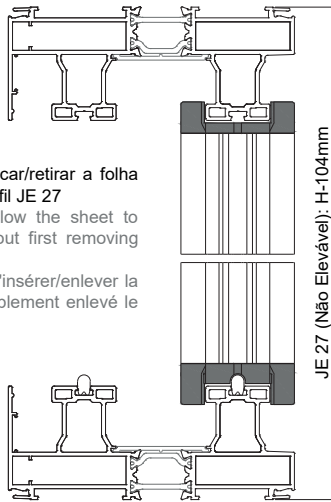


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Conjunto de topos JE
JE end-caps kits
Kits d'embouts JE

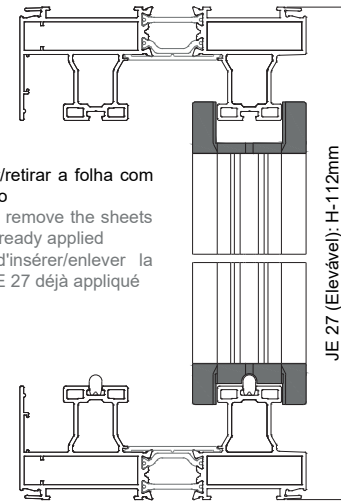


Conjunto N°2 topo JE 27 (3 / 4 folhas-não elevável)
Kit N.2 end-cap JE 27
Kit N.2 embout JE 27

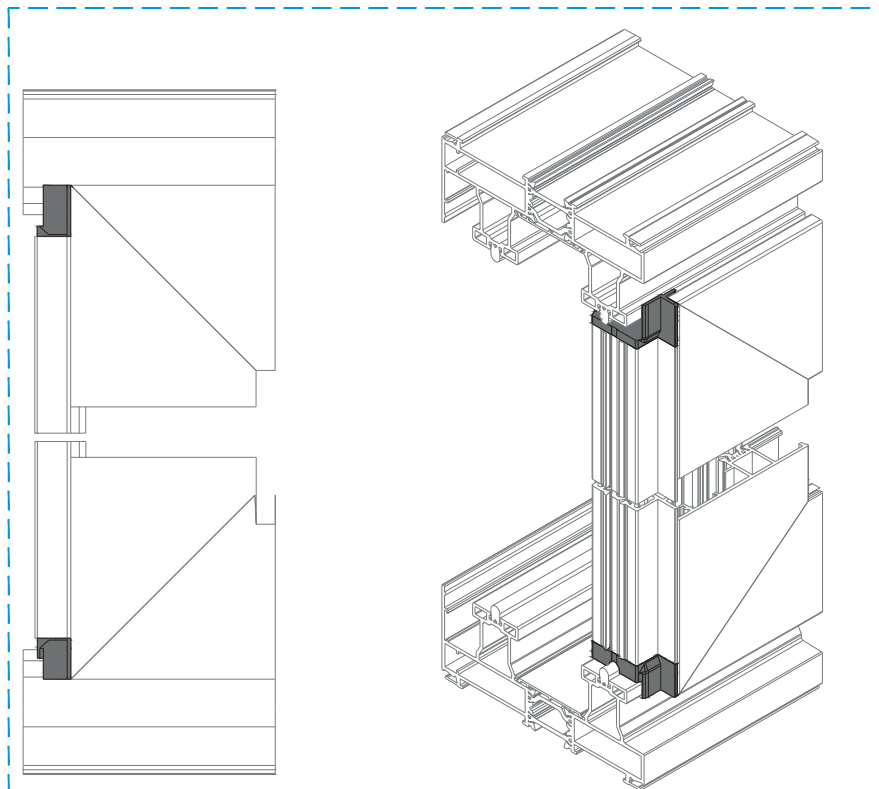


NOTA: Não permite colocar/retirar a folha sem retirar primeiro o perfil JE 27
NOTE: Does not allow the sheet to be placed/removed without first removing the JE 27 profile
NOTE : Ne permet pas d'insérer/enlever la vantail sans avoir préalablement enlevé le profilé JE 27

Conjunto N°1 topo JE 27 (3 / 4 folhas-elevável)
Kit N.1 end-cap JE 27
Kit N.1 embout JE 27

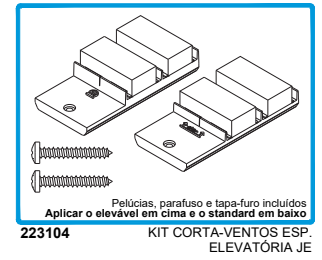
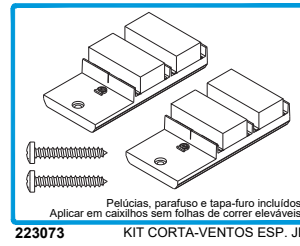


NOTA: Permite colocar/retirar a folha com o perfil JE 27 já aplicado
NOTE: Allows to place/ remove the sheets with the JE 27 profile already applied
NOTE : permet de d'insérer/enlever la vantail avec le profilé JE 27 déjà appliqué

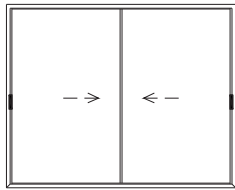


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

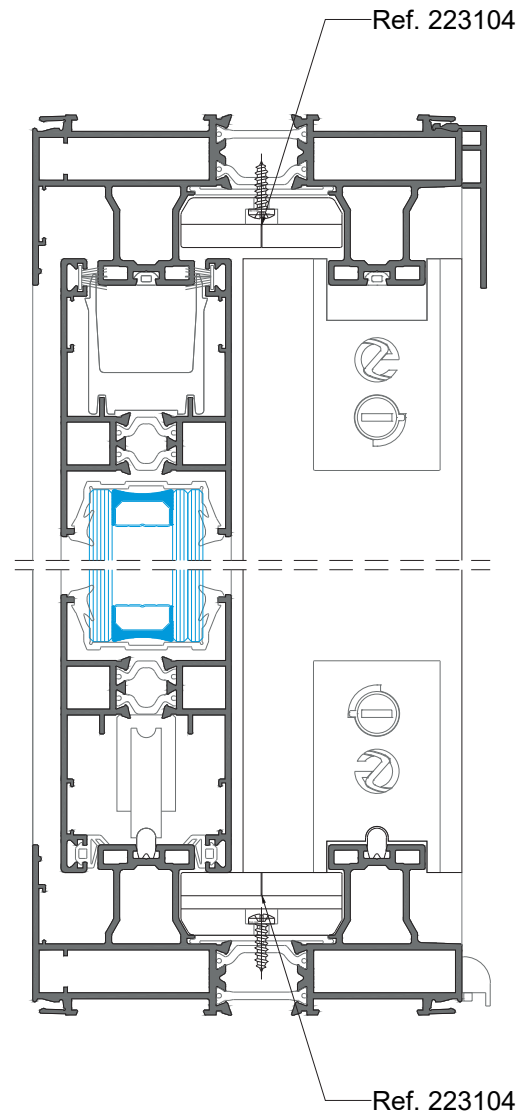
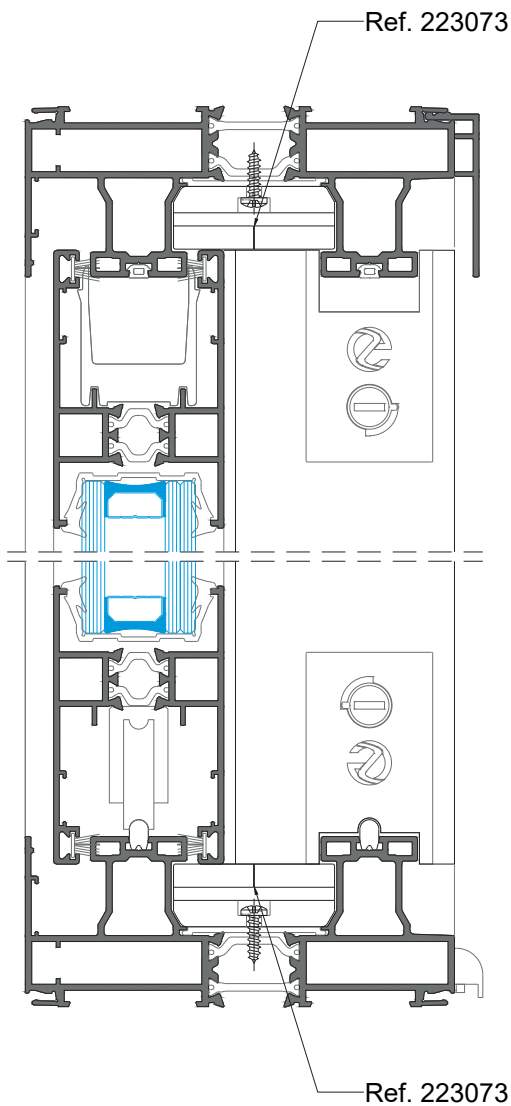
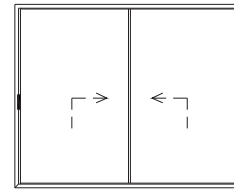
Aplicação dos kits corta-vento JE
JE central pile seal kits application
Application des kits pièce d'étanchéité JE



Aplicação do kit Corta-vento Esp. JE - Ferragem multiponto
JE central gasket kit application - Multipoint hardware
Application de kit pièce d'étanchéité JE - Serrure multipoint

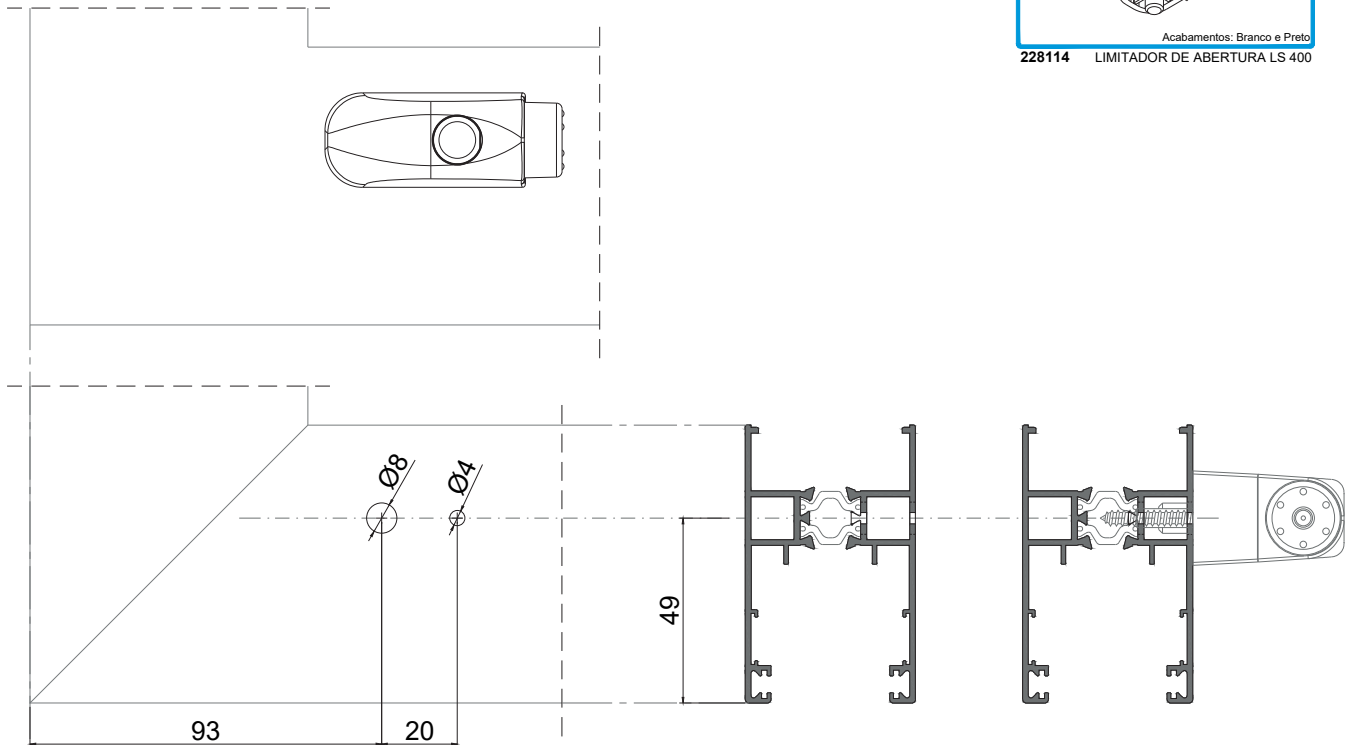
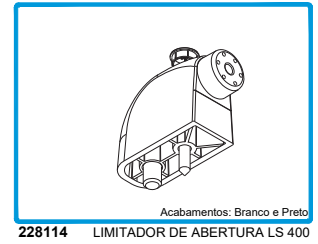


Aplicação do Kit Corta-vento Esp. Elev. JE - Ferragem elevatória
JE central gasket kit application - Lifting hardware
Application de kit pièce d'étanchéité JE - Serrure élévatoire

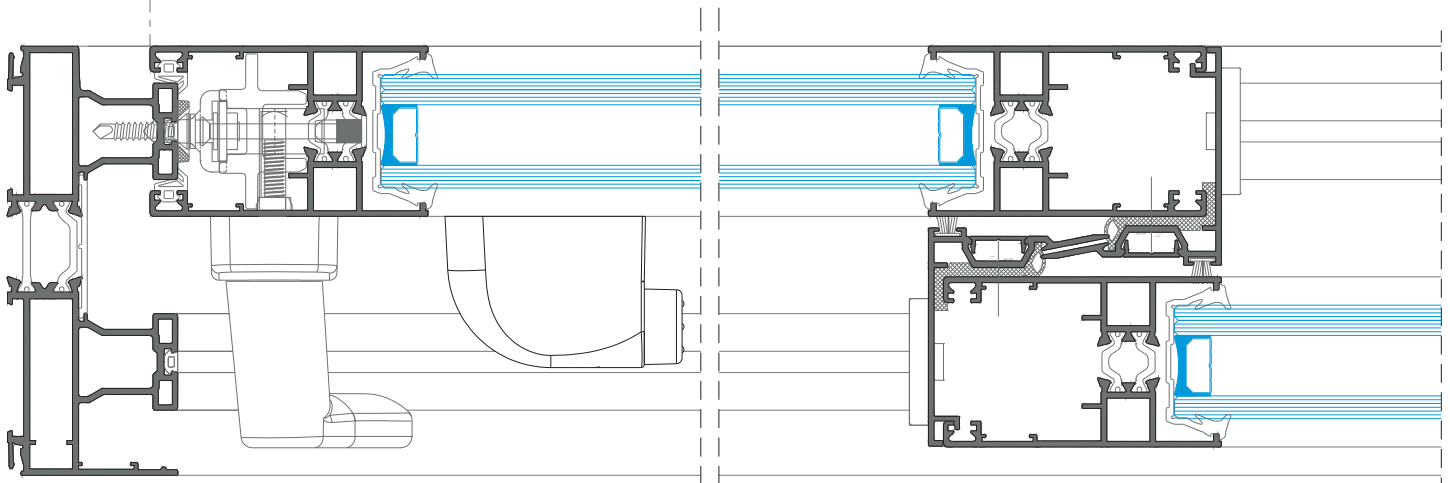


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Aplicação do limitador de abertura - Ferragem elevatória
Opening limiter application - Lifting hardware
Application du limiteur d'ouverture - Serrure élévatoire

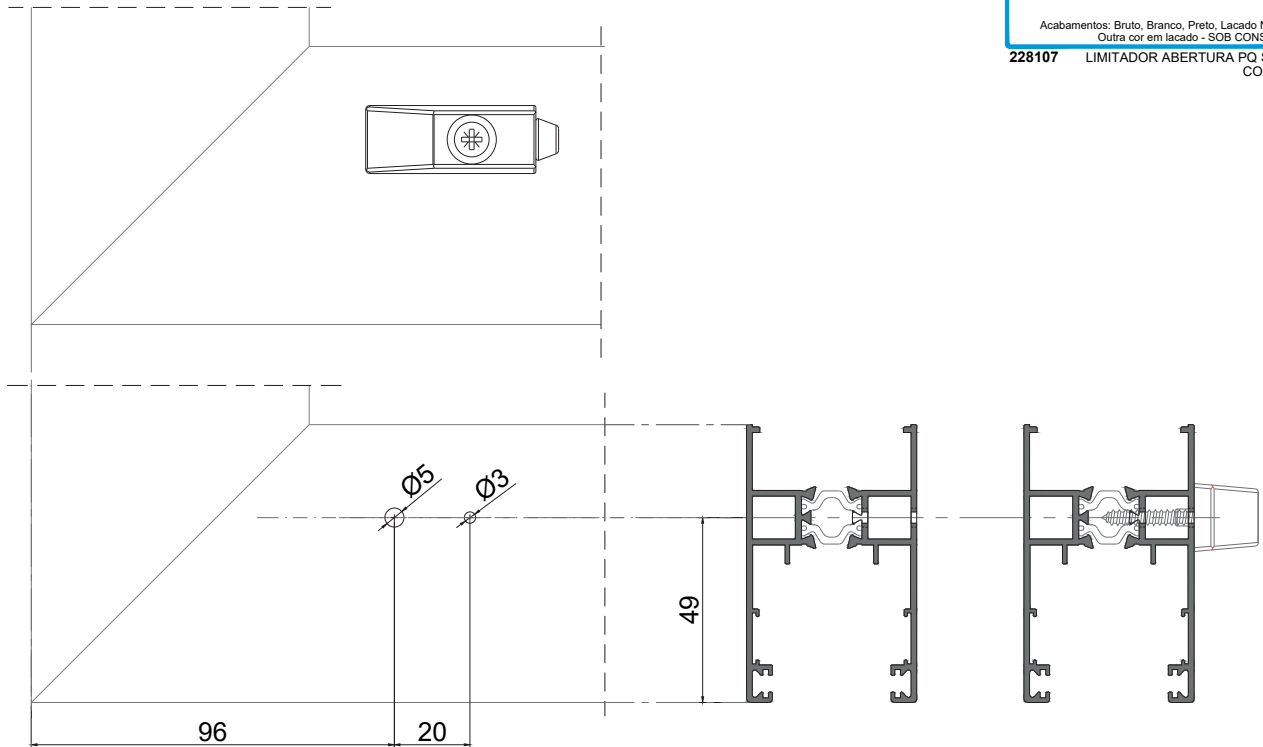
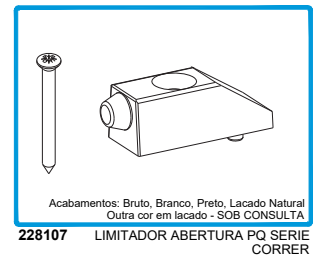


Medida aconselhável para a furação não coincidir com o esquadro
Recommended measurement for drilling not to coincide with the square.
Mesure recommandée pour le perçage ne coïncidant pas avec l'équerre

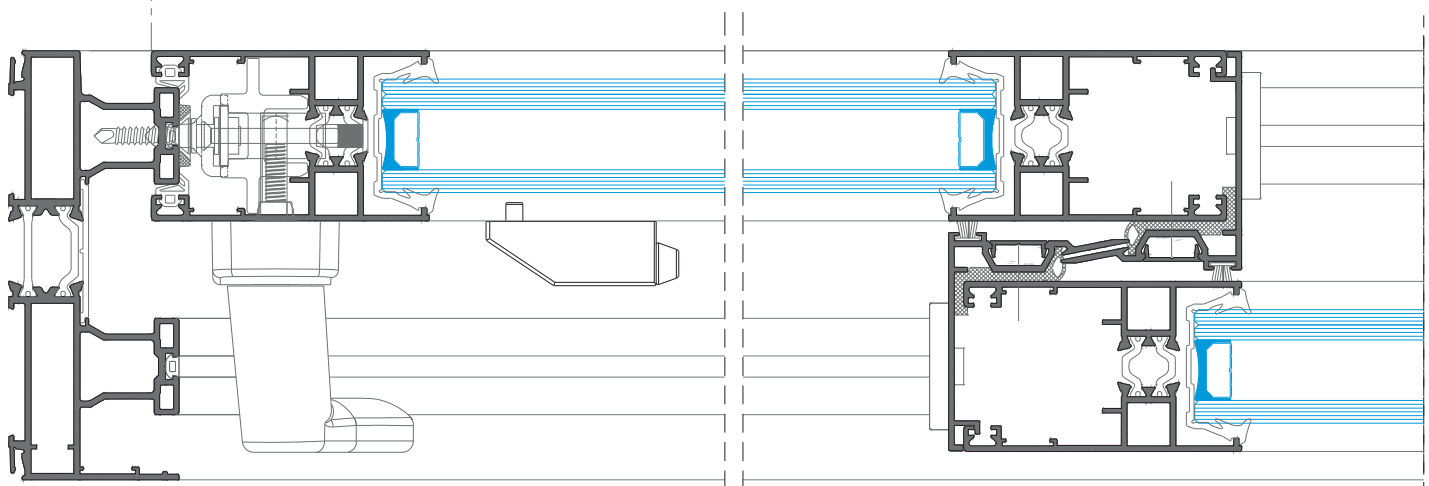


MONTAGEM DAS FERRAGENS E ACESSÓRIOS
HARDWARE AND ACESSOIRES ASSEMBLY
ASSEMBLAGE DES FERRURES ET ACESSOIRES

Aplicação do limitador de abertura - Ferragem multiponto
Opening limiter application - Multipoint hardware
Application du limiteur d'ouverture - Serrure multipoint

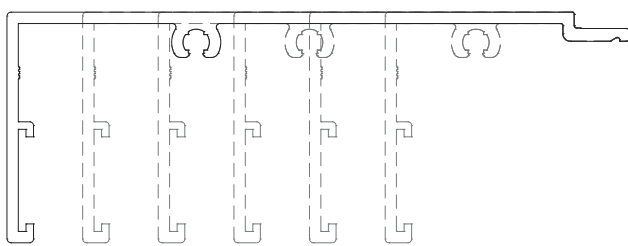
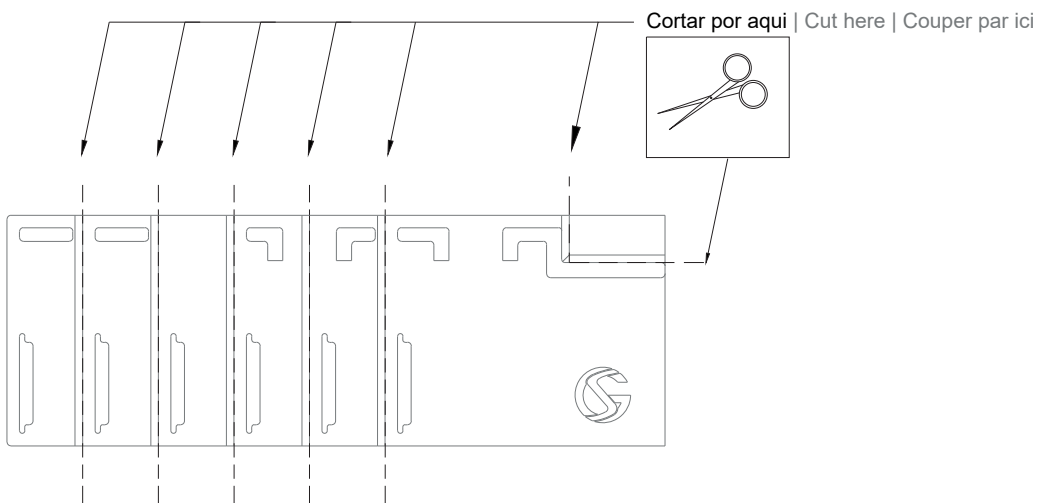
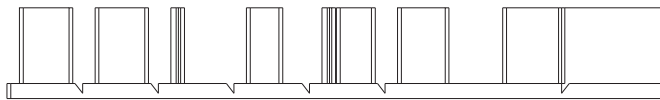
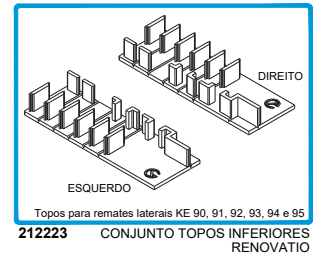


Medida aconselhável para a furação não coincidir com o esquadro
Recommended measurement for drilling not to coincide with the square.
Mesure recommandée pour le perçage ne coïncidant pas avec l'equerre



APLICAÇÃO ARO FIXO RENOVIATIO
RENOVATIO FIXED FRAME APPLICATION
APPLICATION DU CADRE DORMANT RENOVIATIO

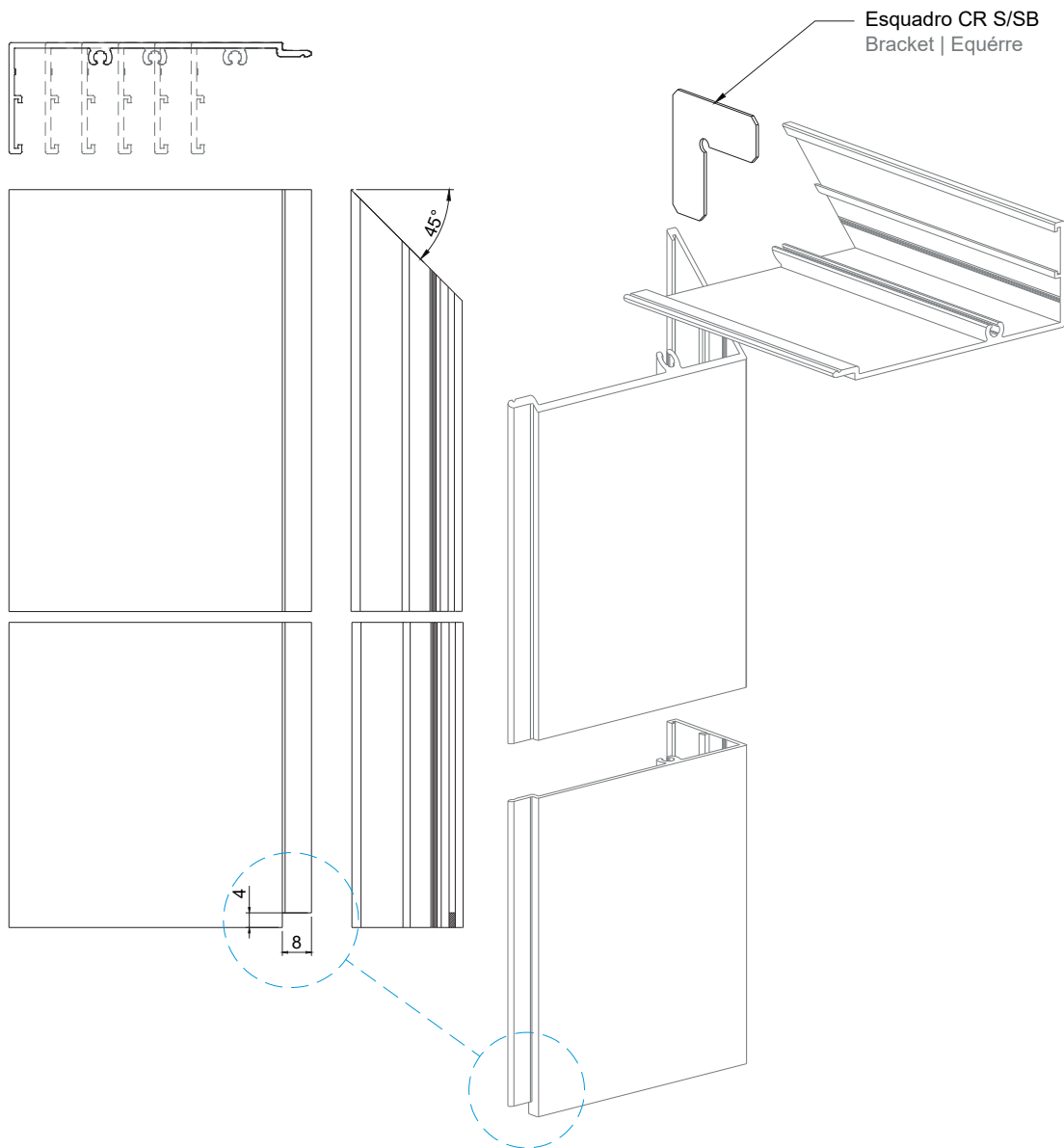
Corte do Topo para tapée laterais na utilização dos perfis KE 90, 91, 92, 93, 94 e 95
 End-cap cuts for lateral profiles when using profiles KE 90, 91, 92, 93, 94 and 95
 Coupe des embouts pour profilés latéraux lors de l'utilisation des profilés KE 90, 91, 92, 93, 94 et 95



KE95 KE94 KE93 KE92 KE91 KE90

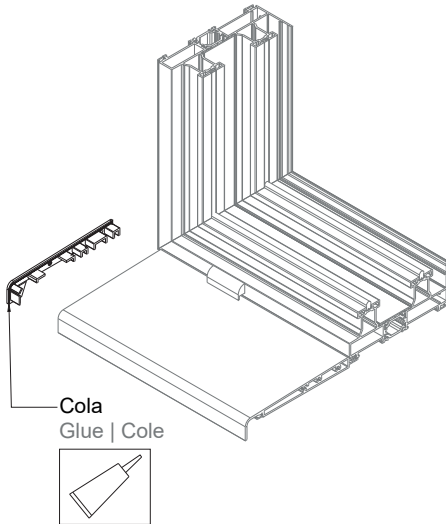
APLICAÇÃO ARO FIXO RENOVATIO
RENOVATIO FIXED FRAME APPLICATION
APPLICATION DU CADRE DORMANT RENOVATIO

Corte dos tapés laterais: na parte superior corte a 45° e na parte inferior fazer malhete de 8x4 mm, na utilização dos perfis KE 90, 91, 92, 93, 94 e 95
 Lateral profiles cut: in the upper side cut at 45° and in the lower side make 8x4 mm cut, when using the profiles KE 90, 91, 92, 93, 94 and 95
 Coupe des tapés latéraux: dans la zone supérieure, couper à 45° et dans la zone inférieure, faire un coue avec 8x4 mm, lors de l'utilisation des profilés E 90, 91, 92, 93, 94 et 95



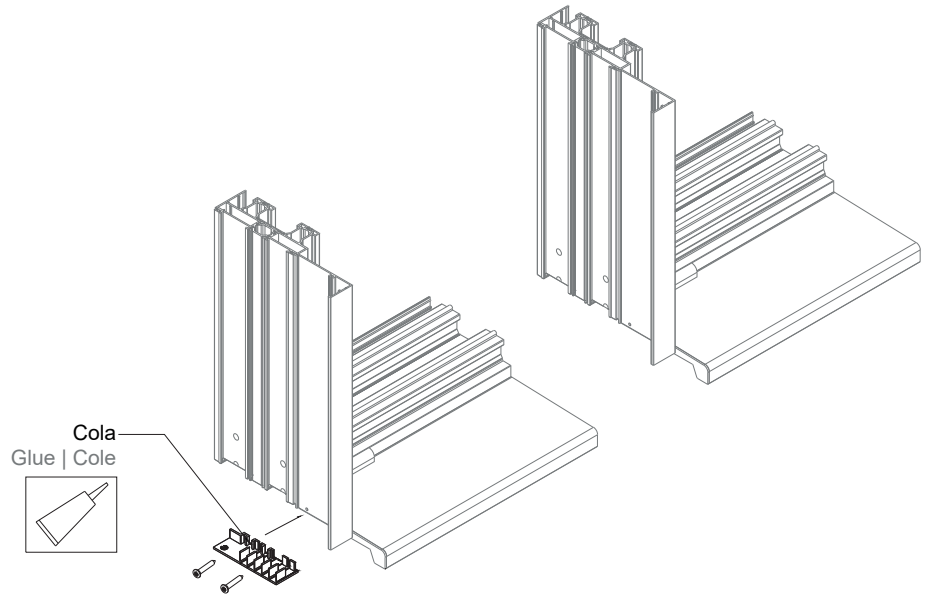
APLICAÇÃO ARO FIXO RENOVATIO
RENOVATIO FIXED FRAME APPLICATION
APPLICATION DU CADRE DORMANT RENOVATIO

- 1 - Encaixar o perfil KE 71 no aro fixo e depois fixar o Topo para a soleira com os pontos de cola
 Place the KE 71 profile on the fixed frame and then fix the sill end-cap with glue
 Fixer le profilé KE 71 sur le cadre dormant, puis fixer l'embut du seuil à l'aide de colle

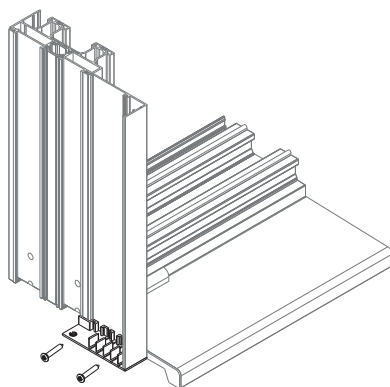


- 2 - Encaixar o perfil lateral KE 95 no aro fixo
 Place the lateral KE 95 profile on the fixed frame
 Fixer le profilé latéral KE 95 sur le cadre dormant

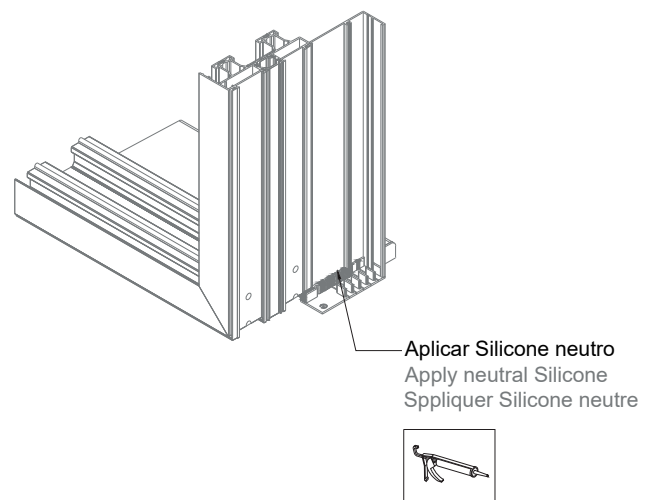
- 2.1 - Aplicar cola no Topos de remate inferiores e fixá-los
 Apply glue on the inferior end-caps e fix them
 Appliquer la colle dans l'embuts inférieures et les fixer



- 3 - Aparafusar os tapés laterais ao perfil de soleira KE 71
 Screw the lateral trim profiles to the sill profile KE 71
 Visser les tapées latéraux sur le profilé de seuil KE 71



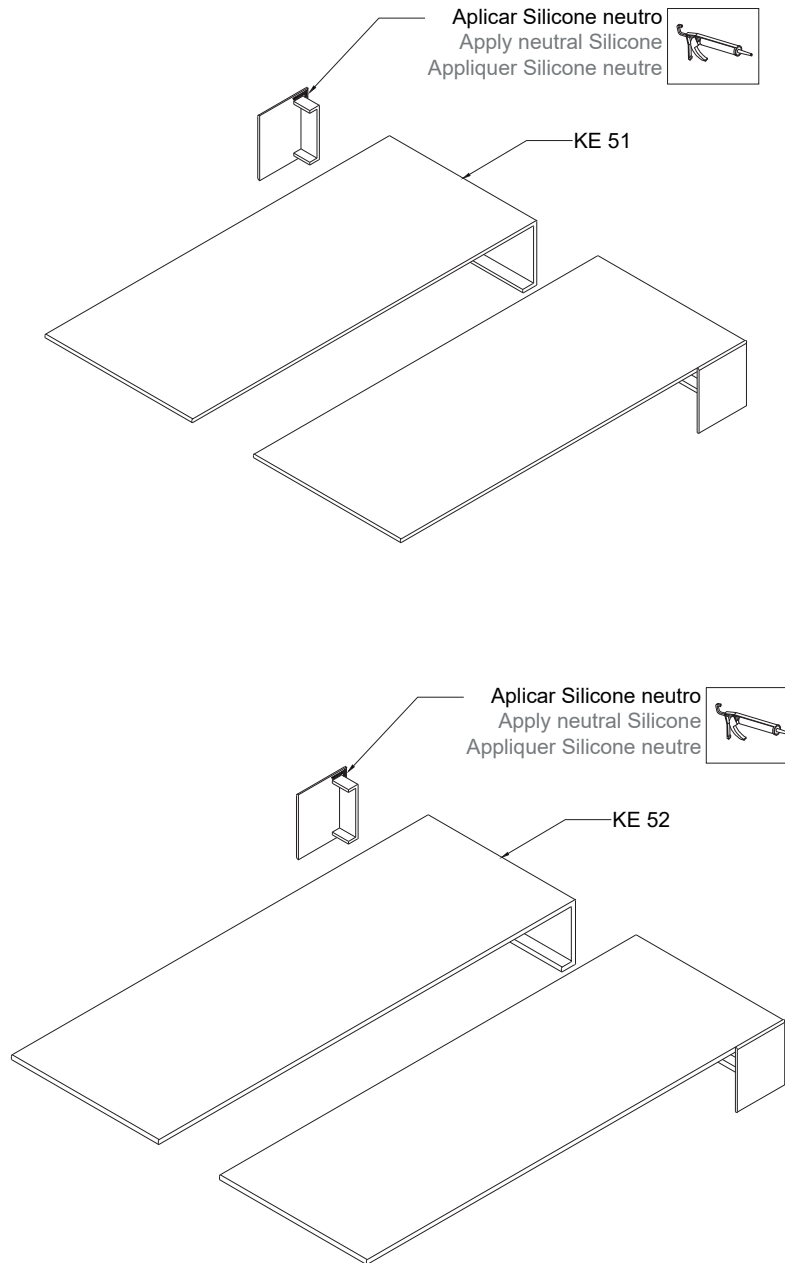
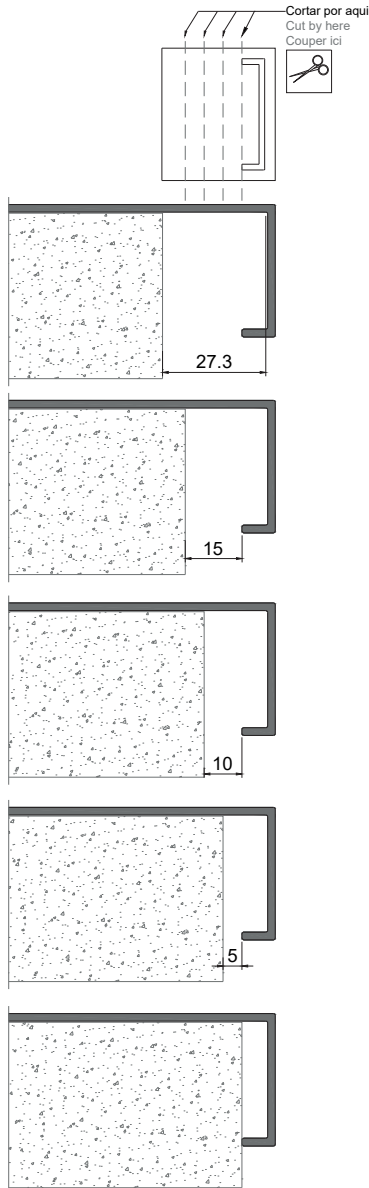
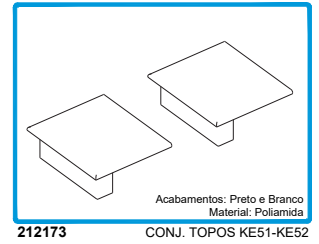
- 4 - Selar com silicone neutro
 Seal with neutral silicone
 Sceller avec du silicone neutre



APLICAÇÃO ARO FIXO RENOVATIO
RENOVATIO FIXED FRAME APPLICATION
APPLICATION DU CADRE DORMANT RENOVATIO

Pormenores de aplicação do conj. topos KE 51 - KE52
 KE 51 - KE 52 end-caps kit application details
 Détails de l'application de kit d'embouts KE 51 - KE 52

Os topos deverão ser cortados de acordo com o afastamento do perfil à parede.
 The end-caps must be cut according to the distance from the profile to the wall.
 Les embouts doivent être coupées en fonction de la distance entre le profilé et le mur.



COLOCAÇÃO DOS VIDROS NO CAIXILHO GLAZING PLACEMENT IN FRAME MISE DES VERRRES DANS LE CHÂSSIS

Função dos Calços | Shims Function | Fonction des cales

Calços de Suporte (ou apoio) (C1) | Support shim | Cale d'assise:

Servem para transmitir o peso do vidro ao caixilho
Used to transmit the weight of the glass to the frame
Elles transmettent le poids du vitrage au châssis

Calços Periféricos | Hanger shim | Cale périphérique:

Colocados no fundo da gola, evitam o deslize do vidro no seu plano, nomeadamente durante a manobra dos batentes, e contribuem, na maior parte dos casos (calços ajustados C2), para manutenção da esquadria dos aros móveis.

Outros calços periféricos designados por calços de segurança (C3), evitam um contato eventual entre vidro e fundo da gola durante os movimentos pontuais de abertura e fecho.

Placed in the bottom of frame to prevent the glass from sliding and ensure squareness of the frame, mainly when the sash are being manoeuvred, and contribute, in most cases (adjusted shims C2), to maintaining the squareness of the mobile frames.

Other peripheral wedges called safety wedges (C3), avoid a possible contact between the glass and the bottom of the frame during the occasional opening and closing movements.

Mises en fond de feuillure, elles évitent le glissement du vitrage dans son plan, notamment lors des manœuvres des vantaux, et contribuent, dans la plupart des cas (cales ajustées C2), au maintien de l'équerrage des châssis mobiles.

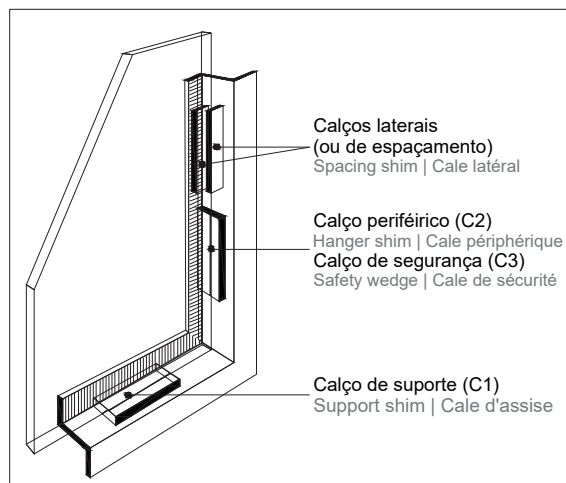
D'autres cales périphériques, appelées cales de sécurité (C3), évitent un éventuel contact entre le verre et le flanc de feuillure lors des mouvements occasionnels d'ouverture et de fermeture.

Calços Laterais | Spacing shim | Cale latérale:

Asseguram uma espessura regular dos mastiques servindo de estanquicidade e transferindo para o caixilho as solicitações perpendiculares ao plano do vidro. Estes calços laterais não são necessários no caso de uso de perfis de borracha, ou, segundo o DTU 39, quando a pressão exercida nos acessórios de estanquicidade não exceda um certo limite descrito nesta norma.

They assure a regular thickness of the mastics serving of watertightness and transferring to the frame the perpendicular requests to the plane of the glass. These spacing shims are not necessary when using rubber profiles, or, according to the DTU 39, when the pressure exerted on the tightness accessories does not exceed a certain limit described in this standard.

Ils assurent une épaisseur régulière des mastics en servant d'étanchéité et en transférant sur le cadre les sollicitations perpendiculaires au plan du verre. Ces cales latérales ne sont pas nécessaires en cas d'utilisation de profilés en caoutchouc ou, selon le DTU 39, lorsque la pression exercée sur les accessoires d'étanchéité ne dépasse pas une certaine limite décrite dans la présente norme.

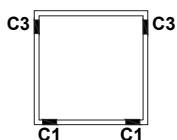


Dimensões dos calços | Shims dimensions | Dimensions des cales

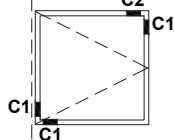
	Calços de Suporte Support shim Cale d'assise	Calços Periféricos Hanger shim Cale périphérique	Calços Laterais Spacing shim Cale latéral
Largura Width Largeur	Necessária para que a totalidade da espessura do vidro repose sobre os calços. Na prática, no mínimo igual à espessura aumentando de uma tolerância lateral Necessary for the entire thickness of the glass to lie on the shims. In practice, at least equal to the thickness by increasing a lateral tolerance Telle que la totalité de l'épaisseur du vitrage repose sur les cales. En pratique, au moins égale à l'épaisseur du vitrage augmentée d'un jeu latéral	Necessária para que a totalidade da espessura do vidro repose sobre os calços Necessary for the entire thickness of the glass to lie on the shims. Telle que la totalité de l'épaisseur du vitrage repose sur les cales.	Necessária para que o calço não provoque descontinuidade na estanquicidade da junta Necessary so that the shim doesn't cause discontinuity in the joint tightness Telle que la cale n'engendre pas de discontinuité dans l'étanchéité du joint
Comprimento Length Longueur (mm)	<ul style="list-style-type: none"> em madeira: $l = 10 \times S^*$ wood bois em Neoprene: $l = 30 \times S^*$ Neoprene Néoprène em materiais sintéticos: segundo a resistência à compressão para as temperaturas compreendidas entre -20° e +55° mais ou menos igual a 50mm in synthetic materials: according to the compression strength for temperatures between -20° and +55° ± equal to 50mm en matériaux synthétiques : selon la résistance à la compression pour des températures comprises entre -20° et +55° ± égal à 50mm <p>* superfície do vidro em m² glass surface in m² surface vitrée en m²</p>	Pelo menos igual a 50mm At least equal to 50mm Au moins égale à 50 mm	Pelo menos igual a 50mm At least equal to 50mm Au moins égale à 50 mm
Espessura Thickness Épaisseur	Pelo menos igual à tolerância mínima At least equal to the minimal tolerance Au moins égale à la tolérance minimale	Pelo menos igual ao jogo mínimo At least equal to the minimal set Au moins égale au jeu minimal	Ligeiramente inferior ao jogo lateral Slightly inferior to lateral set Légèrement inférieur au jeu latéral
Dureza Hardness Dureté	70 a to à 95 DIDC	50 a to à 70 DIDC	50 a to à 70 DIDC

Instalação dos calços | Shims Installation | Installation des cales

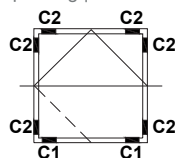
Caixilho fixo
Fixed frame | Châssi fixe



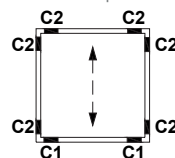
Caixilho à francesa
Casement | Overture à battant



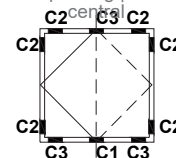
Caixilho pivotante horizontal
Horiz. pivoting | Pivot horizontal



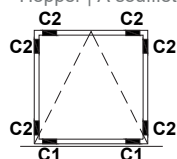
Caixilho de guilhotina
Guilotine | Guillotine



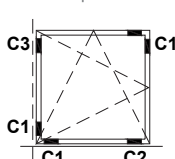
Caixilho pivotante eixo central
Central pivoting | Pivotante



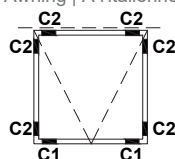
Caixilho basculante
Hopper | À soufflet



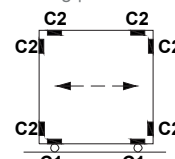
Caixilho oscilo-batente
Tilt-and-turn | Oscillo-battant



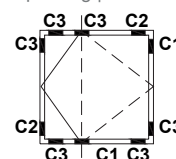
Caixilho projetante
Awning | À l'italienne



Caixilho de correr
Sliding | Coulissant



Caixilho pivotante eixo não central
Off-center pivoting | Pivot décentralisé



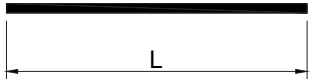
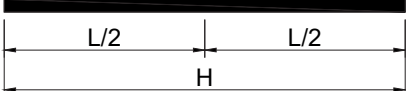
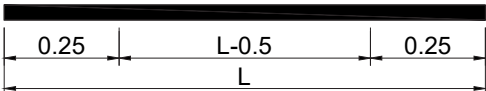
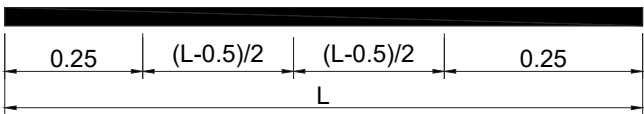
Posicionamento dos calços de suporte e dos calços periféricos

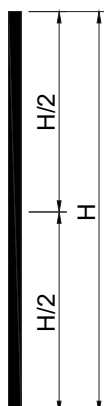
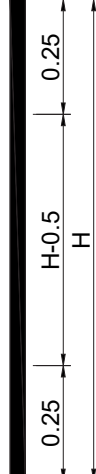
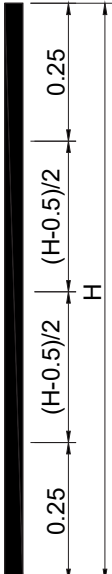
Support shims and Hanger shims positioning

Positionnement des cales d'assise et des cales périphérique



FIXAÇÃO DOS CAIXILHOS EM OBRA
FRAMES FIXING
FIXATION DES CHÂSSIS

<p>$L \leq 0,9m$</p>  <p>Nenhuma Fixação No fixations Pas des fixations</p>
<p>$0,9m < L \leq 1,6m$</p>  <p>1 Fixação 1 fixation 1 fixation</p>
<p>$1,6m < L \leq 2,4m$</p>  <p>2 Fixações 2 fixations 2 fixations</p>
<p>$2,4m < L \leq 3,2m$</p>  <p>3 Fixações 3 fixations 3 fixations</p>
<p>$L > 3,2m$</p> <p>1 Fixação a mais por cada troço suplementar de 0,8m 1 Extra fixation for each additional section of 0,8m 1 Fixation plus pour chaque section supplémentaire de 0,8m</p>

<p>$H \leq 0,65 m$</p>  <p>1 Fixação 1 Fixation 1 Fixation</p>	<p>$0,65m < H \leq 1,45m$</p>  <p>2 Fixações 2 Fixations 2 Fixations</p>	<p>$1,45m < H \leq 2,45m$</p>  <p>3 Fixações 3 Fixations 3 Fixations</p>
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VII

ANOTAÇÕES
ANNOTATIONS | REMARQUES

ATUALIZAÇÕES REALIZADAS NESTA VERSÃO UPDATES DONE IN THIS VERSION LES MISES À JOUR EFFECTUÉES DANS CETTE VERSION	
1	Substituição do segredo de segurança (Ref. 230004) pelo de alta segurança (Ref. 207438). Replacement of security cylinder (Ref. 230004) by high security cylinder (Ref. 207438). Remplacement du cylindre de sécurité (Réf. 230004) par un cylindre de haute sécurité (Réf. 207438).
2	Removido o espelho 874.801 (Ref. 220190) e o espelho para segurança 5100 (Ref. 220008). Colocado o espelho delta para segredo (Ref. 220198) e o espelho alumínio 30mm para segredo (Ref. 210197). The 874.801 mirror (Ref. 220190) and the 5100 safety mirror (Ref. 220008) have been removed. The delta mirror for cylinder (Ref. 220198) and the 30mm aluminium mirror for cylinder (Ref. 210197) are fitted. Le miroir 874.801 (Réf. 220190) et le miroir de sécurité 5100 (Réf. 220008) ont été retirés. Le miroir delta pour le cylindre (Réf. 220198) et le miroir aluminium 30mm pour le cylindre (Réf. 210197) sont montés.
3	Substituição do parafuso Ref. 290260 pela Ref. 290111. Replacement of screw Ref. 290260 by Ref. 290111. Remplacement de la vis Ref. 290260 par Ref. 290111
4	Substituição da tipologia de canto por exemplos de tipologias de canto. Replacement of the corner typology with examples of corner typologies. Remplacement de la typologie d'angle par des exemples de typologies d'angle.
5	Substituição da ferragem elevatória pela nova solução de ferragem elevatória LS 200 (peso maximo/folha = 300 kg). Replacement of the lifting hardware with the new LS 200 lifting hardware solution (maximum weight/sheet = 300 kg). Remplacement de la ferrure de levage par la nouvelle solution de ferrure de levage LS 200 (poids maximal/tôle = 300 kg).
6	Retirada a cota que estava no pormenor de 4 folhas de embutir - a fórmula do quadro encontra-se correta (IV-1.14). Removed the dimension that was in the 4 sash hidden detail - the table formula is correct (IV-1.14). Suppression de la dimension qui figurait dans le détail de l'encastrement à 4 vantaux - la formule du tableau est correcte (IV-1.14).
7	Adicionado o novo contra-fecho pequeno para Multiponto SOS. Added new small counter lock for Multipoint SOS. Ajout d'une nouvelle petite serrure de compteur pour Multipoint SOS.
8	Adicionado o Topo JE 35 PRT (Ref. 210069) ao mapa de quantidades (IV-1.7, IV-1.8, IV-1.11). Added Top JE 35 PRT (Ref. 210069) to the maps of quantities (IV-1.7, IV-1.8, IV-1.11). Ajout de l'outillage Top JE 35 (réf. 210069) au cartes quantitatif (IV-1.7, IV-1.8, IV-1.11).
9	Adicionado o cilindro BSK 35x35 (Ref. 207400). Added the cylinder BSK 35x35 (Ref. 207400). Ajout du cylindre BSK 35x35 (Réf. 207400).
10	Adicionada nota e corrigidos os mapas de quantidades (acessórios, vedantes) nos pormenores de janela de correr de embutir com 4 folhas (IV-1.14) e janela de correr de embutir com 3 folhas (IV-1.17). Added note and corrected the charts of quantities of accessories and seals in the details of 4 leaves pocket sliding window 2-rail (IV-1.14) and 3 leaves pocket sliding window 3-rail (IV-1.17). Ajout d'une note et correction des tableaux des quantités d'accessoires et de joints dans les détails de vantail coulissant à galandage 4 vantaux 2-rail (IV-1.14) et de vantail coulissant à galandage 2 vantaux 3-rail (IV-1.17).
11	Alterados pormenores e quantidades de vedantes em união no mesmo rail- Utilização de pelúcia em encontro no mesmo rail (JE). Modified details and quantities of seals in joint on the same rail - Use of plush in joint on the same rail (JE). Modification des détails et des quantités de joints d'étanchéité avec le joint sur le même rail - Utilisation de peluche dans le joint sur le même rail (JE).
12	Adicionadas as ferragens multiponto com centrador e os novos centradores e calços para ferragens multiponto SOS. Removidas as ferragens multiponto anti-falsa manobra e o calço para ferragem multi-ponto JE. Added multipoint fittings with centring and the new centring and shims for SOS multipoint fittings. Removed the multipoint false manoeuvre hardware and the shim for JE multipoint hardware. Ajout des raccords multipoints avec centrage et du nouveau centrage et des cales pour les raccords multipoints SOS. Suppression de la serrure anti-false-manoeuvre multipoint et de la cale pour la quincaillerie multipoint JE.
13	Adicionado o acessório Fecho de embutir 180° (Ref. 201083) para utilizar com a ferragem multiponto para centrador e micro-ventilação. Added the lock device accessory (Ref. 201083) for use with multipoint hardware for centering and ventilation. Ajout de l'accessoire serrure (Réf. 201083) à utiliser avec la serrure multipoint pour centeur et ventilation.
14	Adicionados os calços para contra-fecho AL multiponto (Ref. 218162 e 218165). Added the shims for AL multipoint counter-lock (Ref. 218162 and 218165). Ajout de cales pour le contre-fermeture multipoint AL.
15	Adicionados os pormenores de montagem da ferragem multiponto com centrador. Added the assembly details of the multipoint hardware with centring. Ajout des détails d'assemblage du matériel multipoint avec centrage.
16	Acrescentada tipologia 4-rail com perfis JE 59 + JE 95 + JE 15. Added 4-rail typology with profiles JE 59 + JE 95 + JE 15. Ajout d'une typologie à 4 rails avec les profilés JE 59 + JE 95 + JE 15.

17	<p>Corrigido o pormenor e mapa de quantidades de perfis da tipologia de janela de correr de embutir com 3 folhas 3-rail (IV-1.17).</p> <p>Corrected the detail and quantity map of profiles of the 3 sashes pocket sliding window 3-rail (IV-1.17).</p> <p>Correction du détail et de la carte des quantités de profilés du type de vantail coulissant à galandage 2 vantaux 3-rail (IV-1.17).</p>
18	<p>Corrigido o mapa de quantidades de perfis da tipologia janela de correr de emutir com 1 folha 1-rail (IV-1.1 e IV-1.2) e janela de correr de embutir com 4 folhas 2-rail (IV-1.14).</p> <p>Corrected the map of quantity of profiles of the type of 1 sash pocket sliding window 1-rail (IV-1.1 and IV-1.2) and 4 sashes pocket sliding window 2-rail (IV-1.14).</p> <p>Correction de la carte des quantités de profilés du type vantail coulissant à galandage 1 vantail 1-rail (IV-1.1 et IV-1.2) et vantail coulissant à galandage 4 vantaux 2-rail (IV-1.14).</p>

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