



*SlimLift*

**S.120**

*sistema multi-rail  
minimalista elevatório  
galandage e abertura de canto*

LOU/ALU<sup>®</sup>

# S.120 - Desempenho / Performance



ITT - Ensaio de tipo inicial - Organismo notificado n.º

1668 - Ensatec

Norma EN 14351-1

ETI - Essai de type initial - Laboratoire notifié n.º



**Permeabilidade ao Ar**  
Perméabilité à l'air  
UNE-EN 12207



**Estanquicidade à Água**  
Étanchéité à l'eau  
UNE-EN 12208



**Resistência ao Vento**  
Résistance au Vent  
UNE-EN 12210



Ensaio realizado numa janela de Correr de duas folhas com:  
Essai réalisé sur une fenêtre coulissant à deux vantaux avec:

3600 x 2200 mm (LxH)

Certificado de ensaio/Certificat d'essai n.º 258070

## Desempenho térmico e acústico / Performance thermique et acoustique

Elementos usados na base dos cálculos  
Elements utilisés sur la base de calculs:

$$U_w = \frac{\sum AgU_g + \sum AfU_f + \sum lg\psi_g}{\sum Ag + \sum Af}$$

Janela de correr de 2 folhas com:  
Fenêtre coulissant à 2 vantaux avec:  
5000 x 2500 mm (LxH)

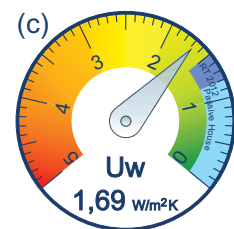
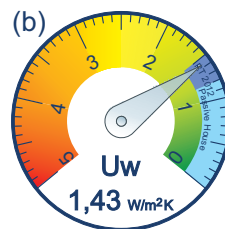
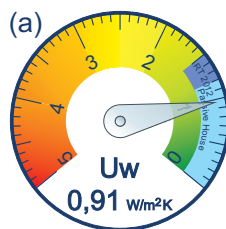
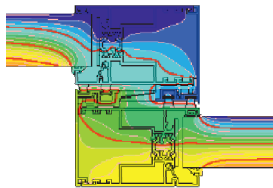
Composição e valores dos vidros / Composition et valeurs de vitrage

	Unidade de vidro (IGU)*	Ψ	Ug	g	Tlg	Rw (C;Ctr)
(a)	Triplo 36 mm - 3.3' + 12kp + 4 + 10kp + 4'	0,044	0,4	0,38	60%	39(-2;-5)
(b)	Duplo 36 mm - 4.4' + 22 Ag + '6	0,049	1,0	0,25	43%	36(-2;-5)
(c)	Duplo 32 mm - 4.4' + 18 Ar + '6	0,049	1,3	0,25	43%	32(-1;-3)

Ψ - Coeficiente linear junta alumínio/vidro Ug - Coeficiente Térmico g - Factor Solar Tlg - Transmissão Luminosa



**Transmissão Térmica**  
Transmittance Thermique  
UNE-EN 10077-2

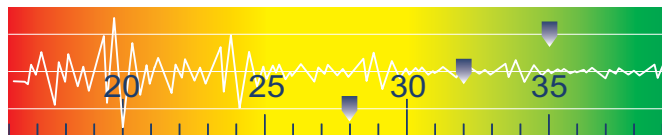


**Atenuação Acústica**  
Isolation Acoustique

EN 14351-1+A1 (Anexo B)

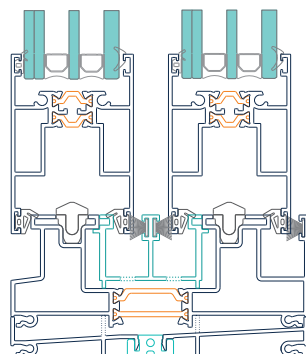
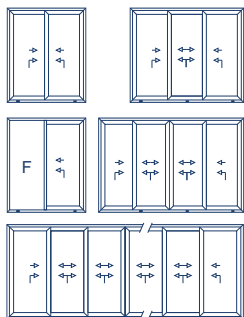
Rw (C;Ctr) com vidro / avec vitrage

- (a) 35 (-2;-3)
- (b) 32 (-2;-3)
- (c) 28 (-1;-2)



## Tipologia e Classe energética / Typologie et classe énergétique

Tipologia construtiva  
Typologie constructive  
Mono-rail, Bi-rail, Tri-rail... (n)-rail



ETIQUETTE D'EFFICACITE ENERGETIQUE FENETRES & PORTES		Zones Climatiques France Métropolitaine		
		Z1	Z2	Z3
Bilan énergétique annuel		B	B	A
Confort d'été		A	B	D
Coefficient de transmission thermique: Uw= 1,2 W/m²K				
Facteur solaire: Sw= 0,40				FR
Transmission Lumineuse: Tlw= 61,7 %				
MENERIE Louvel - Systemes de AluMnIO				
MODELE S.120 Slim Lift - JCP2F 2350 x 2180 (LxH)				
Classification établie pour la France Métropolitaine suivant la méthode Etiquette-Energie-Menerie (E2MF) disponible sur le site www.etiquette-energie-menerie.fr				

Desempenho energético de:  
JCR2F - 5000 x 2500 - S.120



Desempenho energético (kWh/m².mês) Verão:  
Inverno:

Vidro: 3.3 + 12krp + 4 + 10krp + 4  
Uw = 0.91 [W/m².°C] Fator solar (g) = 0.40  
Permeabilidade ao ar = Classe 4  
Fontes: LNEC ITE 50; Despacho 15793-K/2013.  
EN 1026 + EN 12207

Metodologia: JCR CE@TI

Avec vitrage (a)

Com Vidro (a)

## Materiais, Tratamentos e Acabamentos / Matériaux, Traitement et Finition

Perfis / Profils: Liga / alliage EN AW - 6060 (T5) - Acessórios / Accessoires: do sistema

Vedantes / Joint d'étanchéité: EPDM / mousse de EPDM - Poliamida / Polyamid: 16 e 30 mm

Acabamentos / Finition: Anodizado, Lacado e efeito madeira / anodisé, Laqué et effet bois



\* Fonte: Guardian Performance Calculator 4.1 e Acoustic Database 20171102 by Guardian Glass. Os valores apresentados estão calculados para o vão descrito, com base nos valores dos vidros referenciados.

SlimLift S.120



desenvolvido por: LOUVALU®

produzido por: ALAS IBERIA

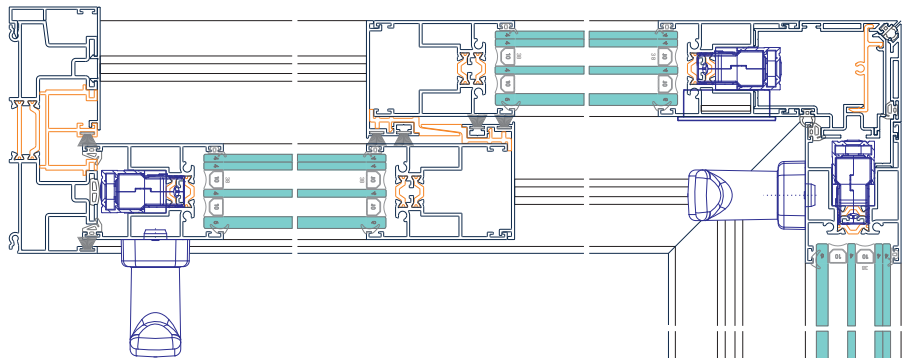
# S.120 - SlimLift

sistema de correr em linha ou elevatório

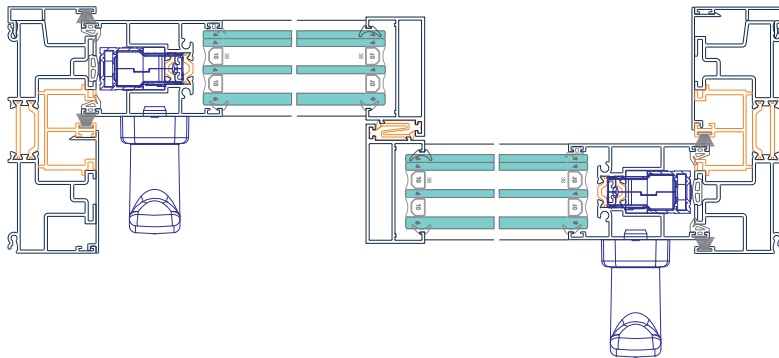


tipos de abertura e vista

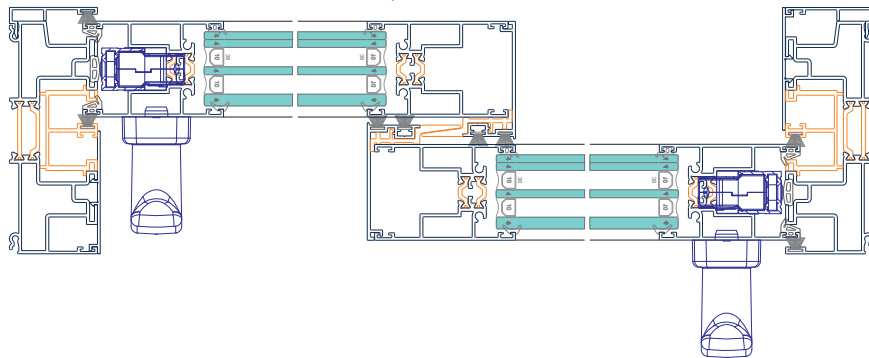
abertura de canto



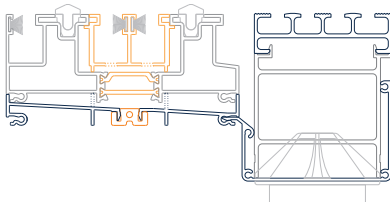
vista minimalista



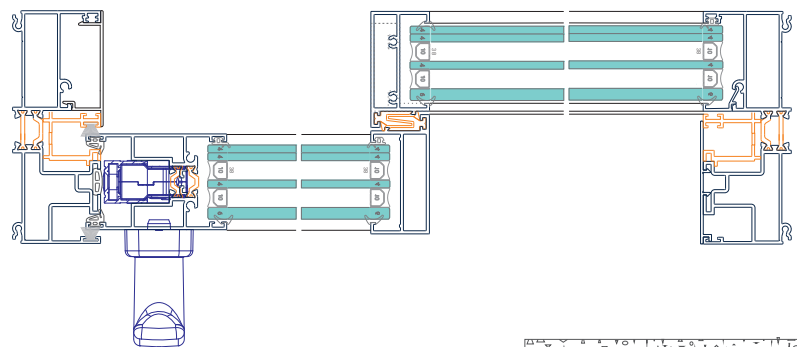
vista perimetral



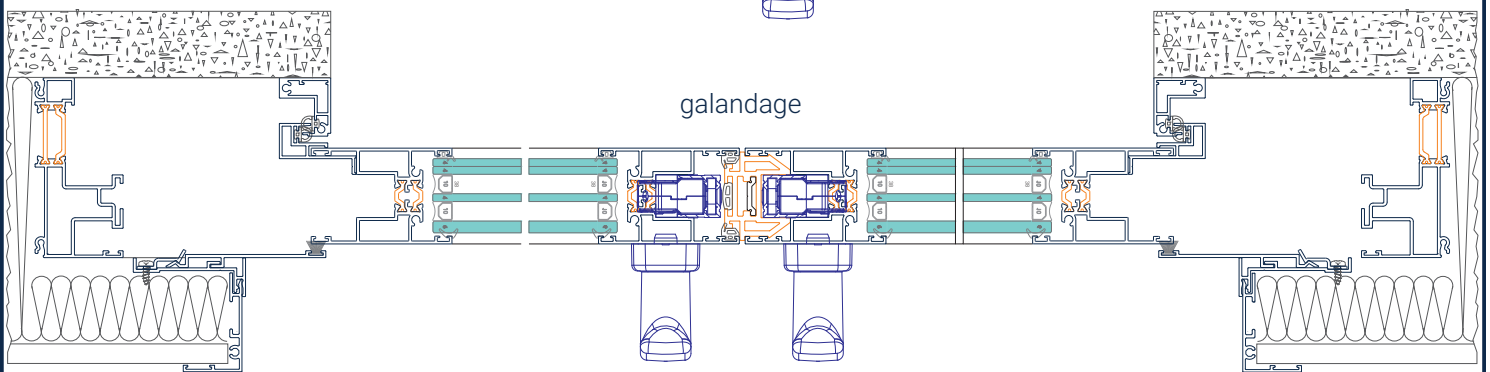
rejingot de drenagem e canal escoador com grelha



fixo integrado



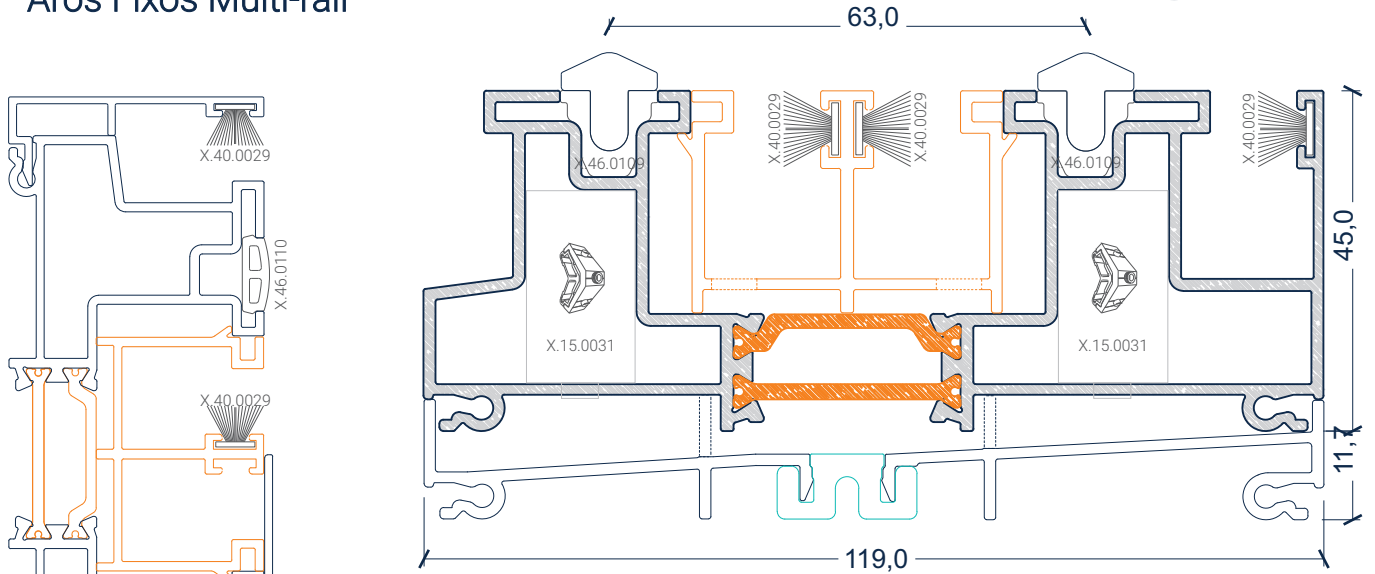
galandage



# S.120 - SlimLift



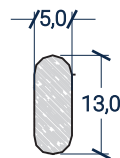
Aros Fixos Multi-rail



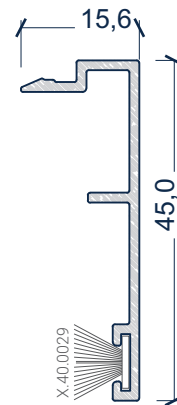
S.120.102



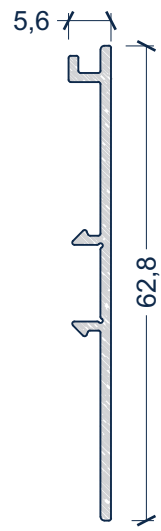
S.120.100



Y.0020



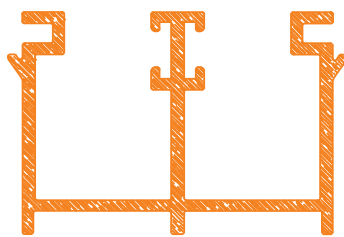
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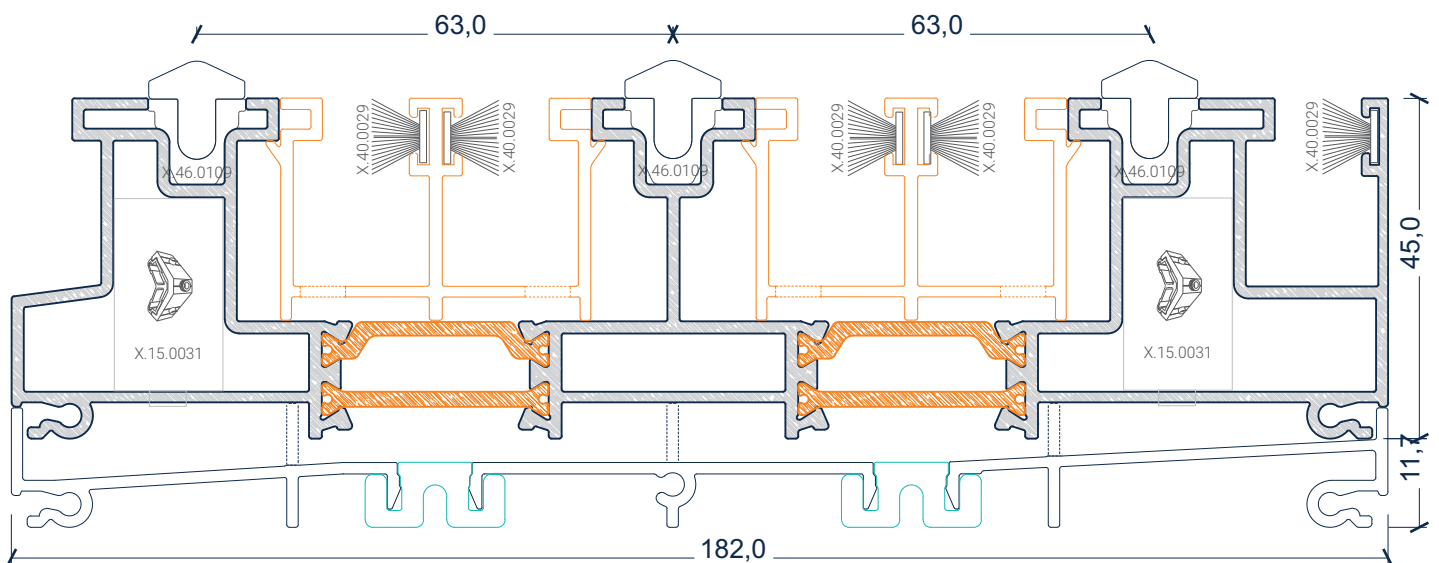
S.120.502



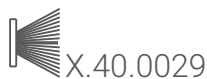
S.120.911  
(maquinado p/soleira)



S.120.910  
(p/padieira e ombreiras)



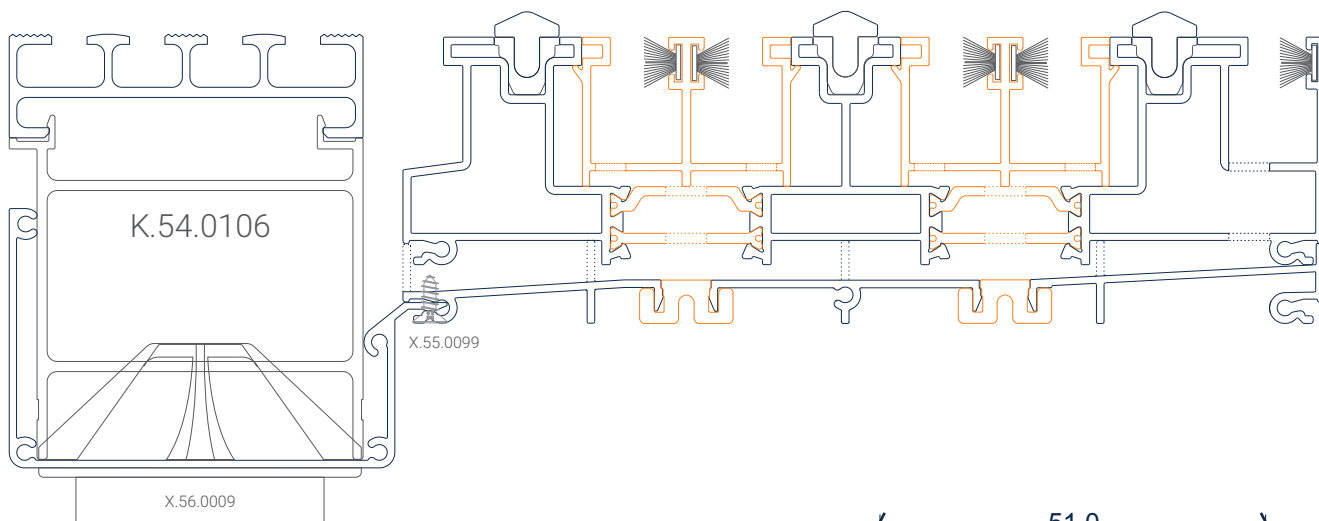
S.120.103



# S.120 - SlimLift

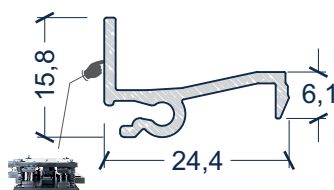


Rejingot e grelha de escoamento



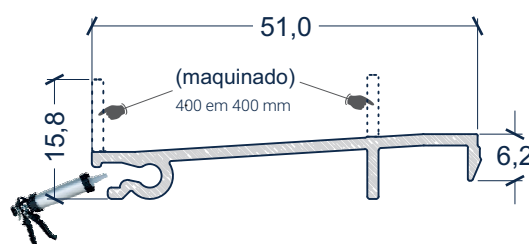
**S.120.930**

Poliamida união rejingots



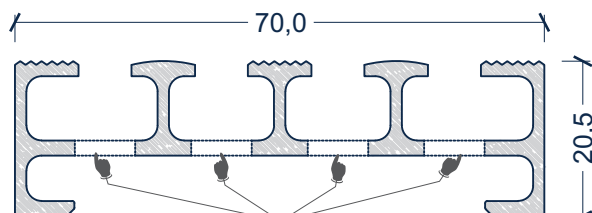
**S.120.435**

Rejingot exterior galandage



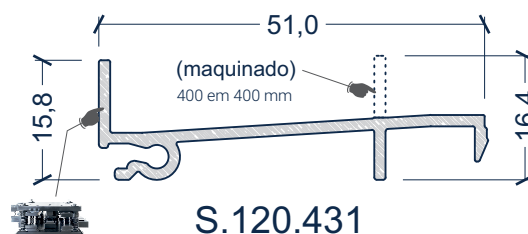
**S.120.430**

Rejingot exterior (a usar com escoador)



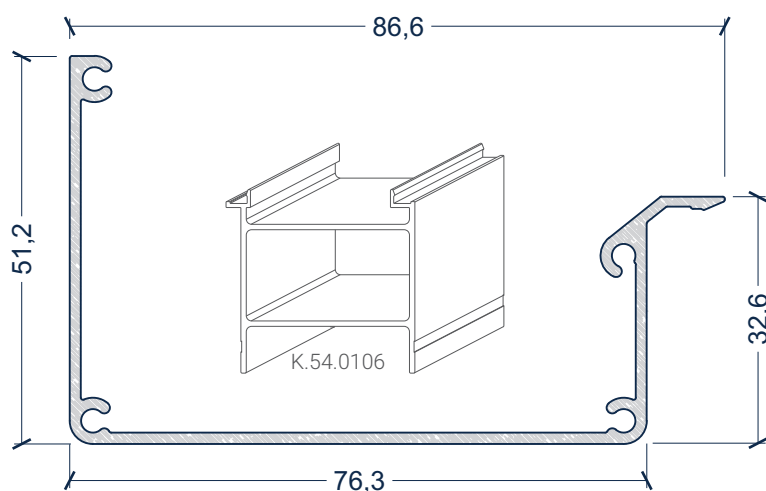
(maquinado)  
**Y.0302**

Grelha do escoador



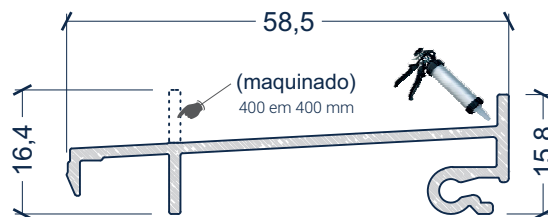
**S.120.431**

Rejingot exterior (a usar sem escoador)  
(cunhar para aplicar goteiras)



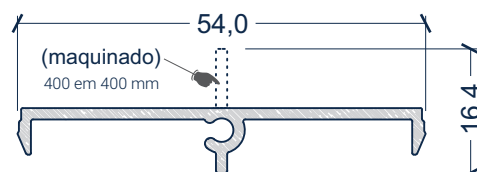
**Y.0301**

Canelão escoador



**S.120.432**

Rejingot interior

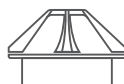


**S.120.433**

Rejingot central (multirail)



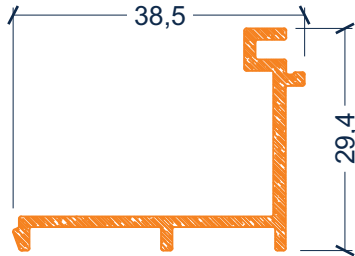
K.54.0106



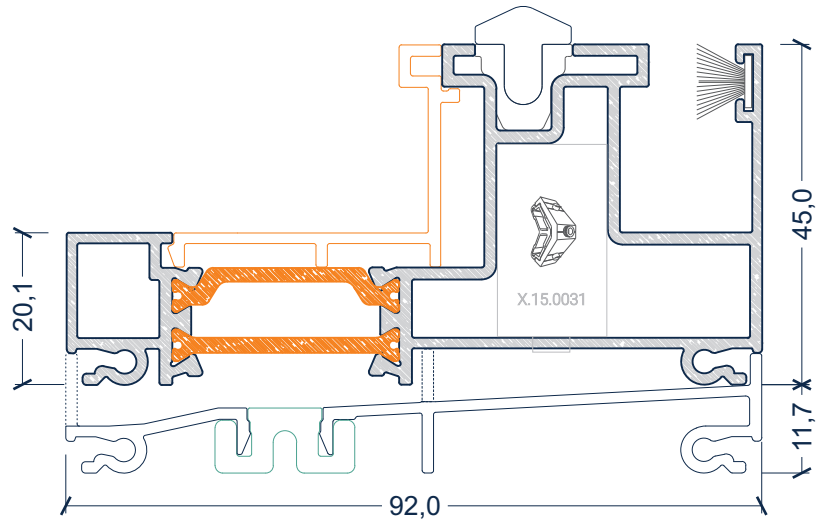
X.56.0009

# S.120 - SlimLift

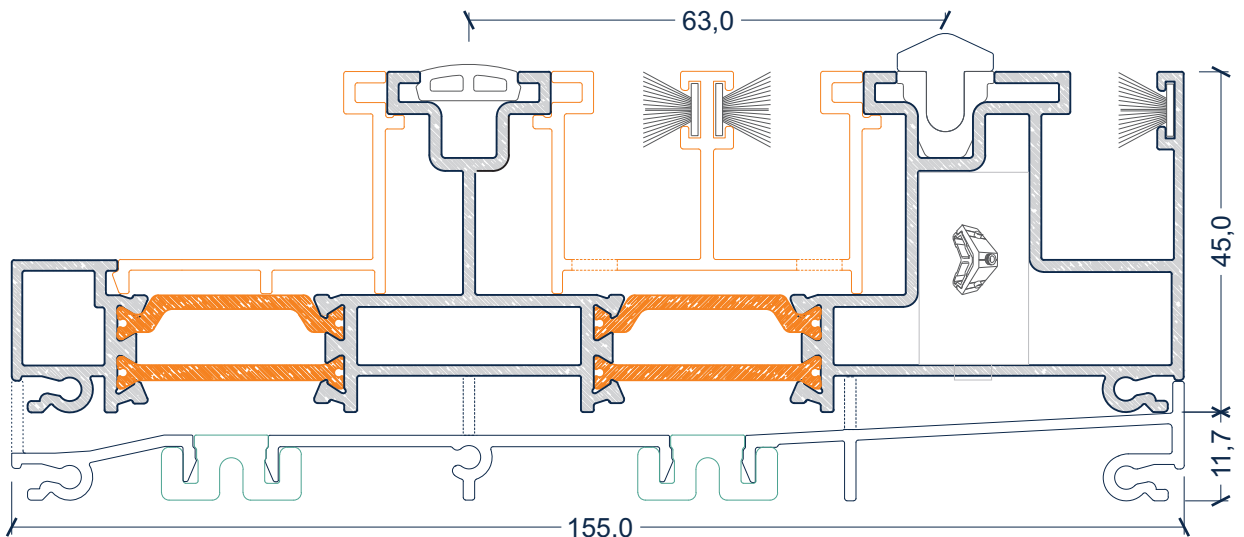
Galandage Multi-rail



S.120.912



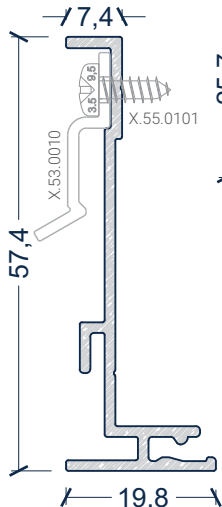
S.120.111



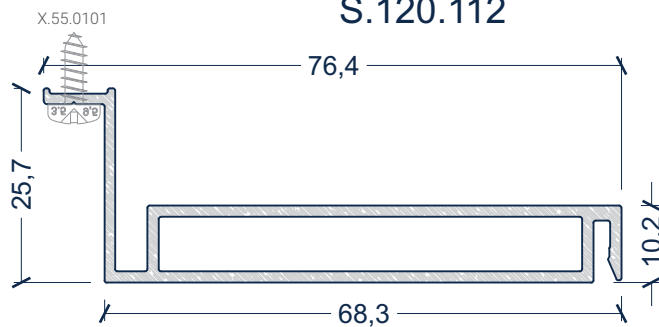
S.120.112



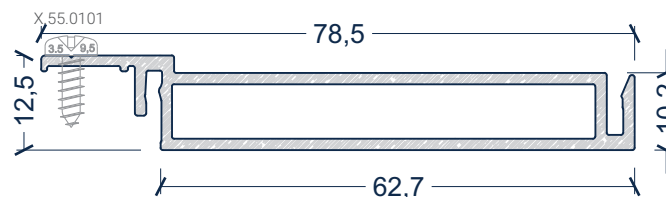
S.120.413



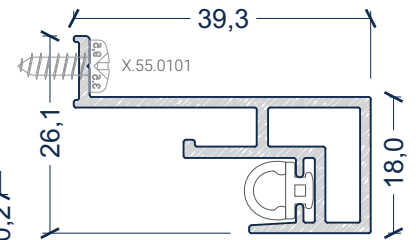
S.120.412



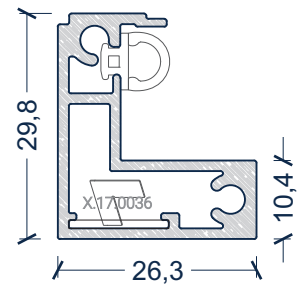
S.120.415



S.120.416



S.120.414



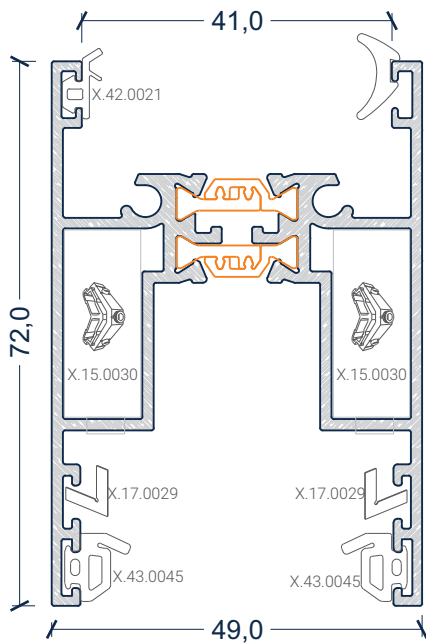
S.120.411



# S.120 - SlimLift

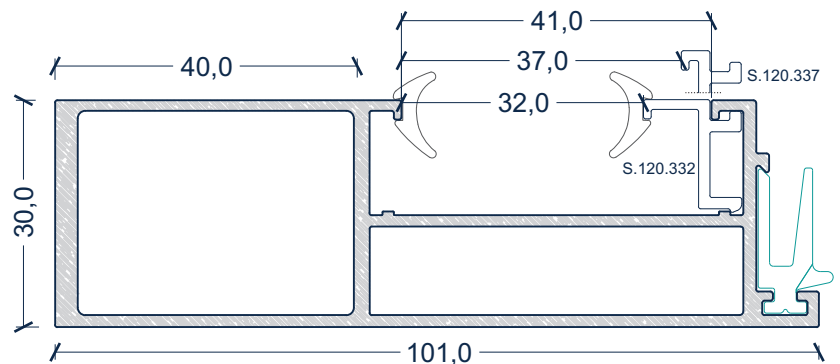


Móveis Standard e Minimalistas + Bites

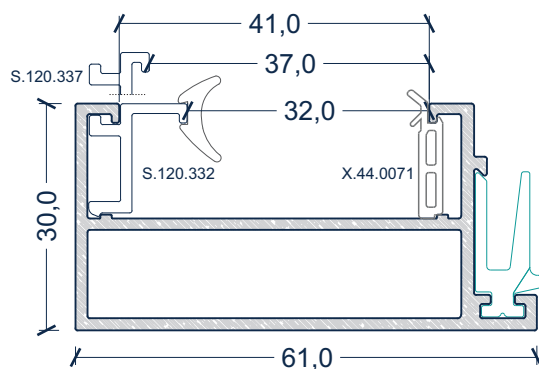


**S.120.230**  
(poliamida anti-bimetal)

**S.120.210**  
(poliamida normal)



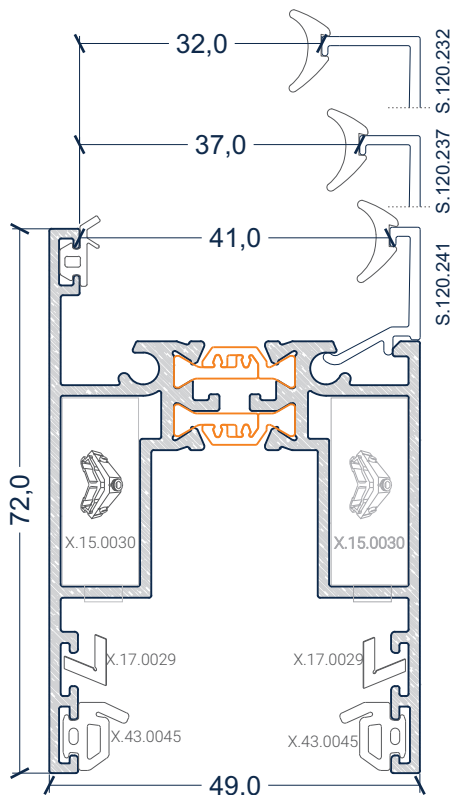
**S.120.310**



**S.120.300**

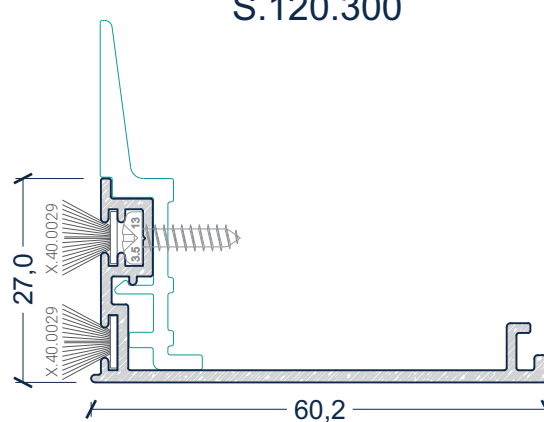


**S.120.921**

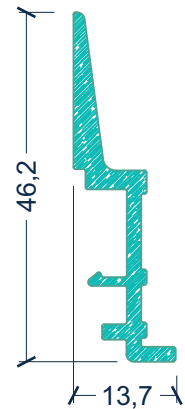


**S.120.220**  
(poliamida anti-bimetal)

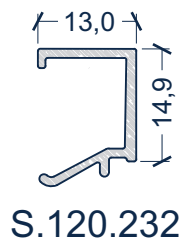
**S.120.200**  
(poliamida normal)



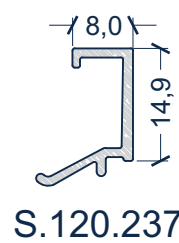
**S.120.201**



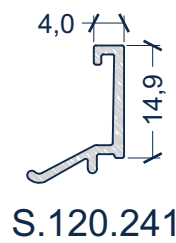
**S.120.920**



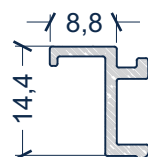
**S.120.232**



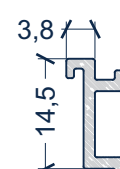
**S.120.237**



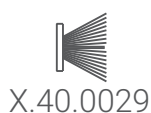
**S.120.241**



**S.120.332**



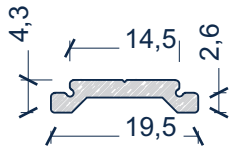
**S.120.337**



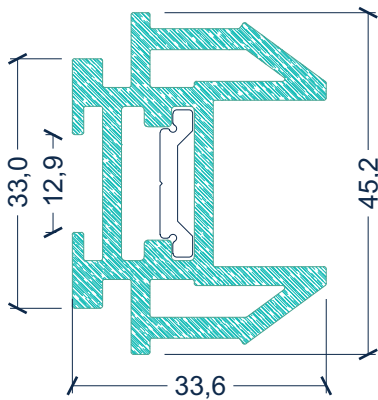
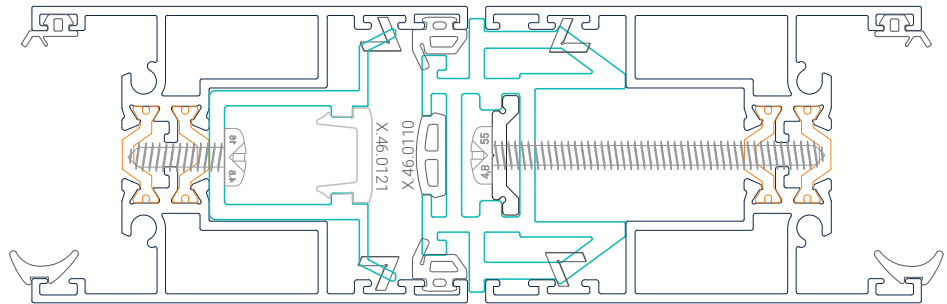
# S.120 - SlimLift



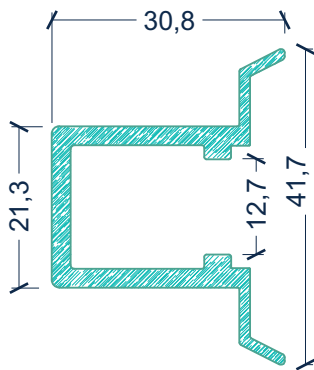
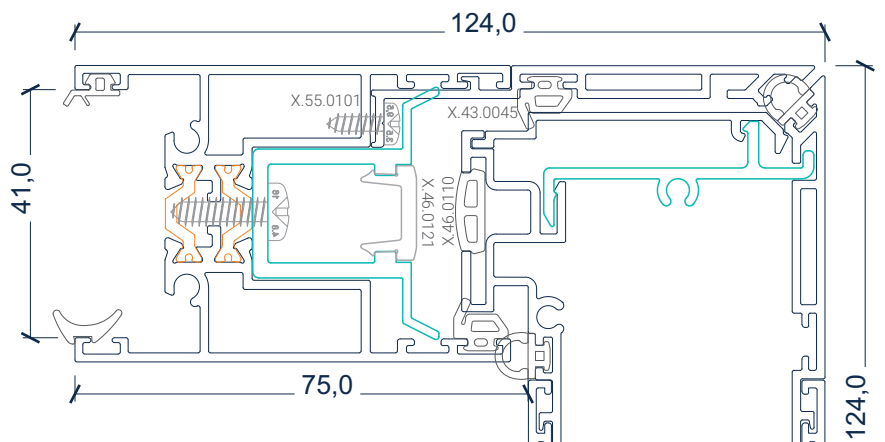
Perfis de canto, central de 4 folhas e calço multiponto



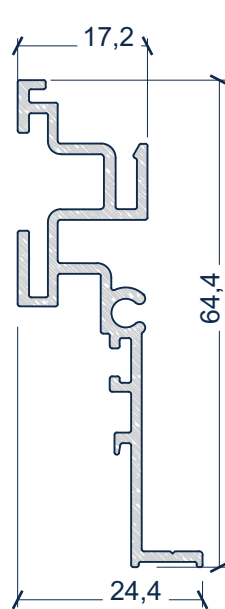
Y.4023



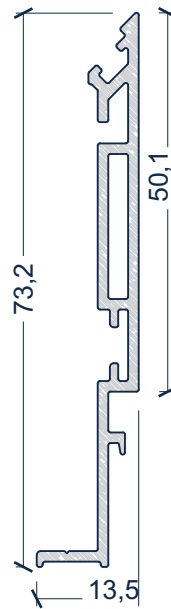
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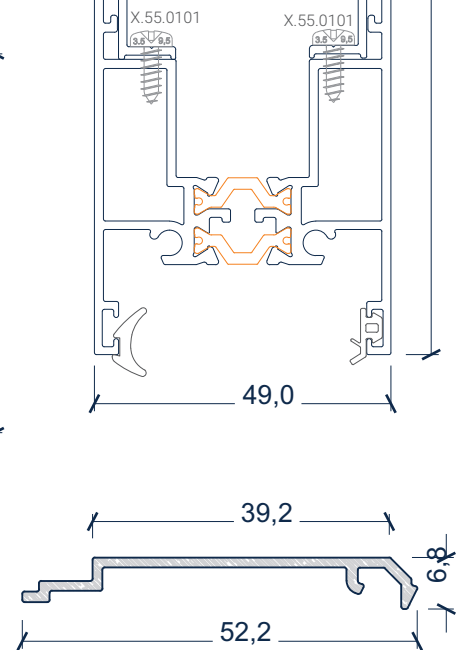
S.120.923



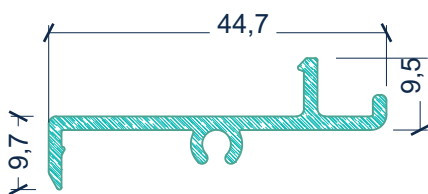
S.120.421



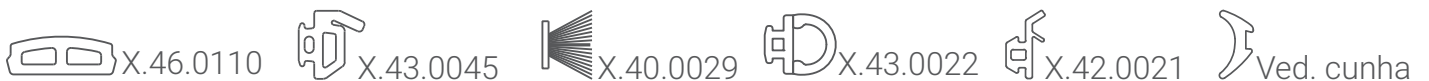
S.120.422



S.120.423



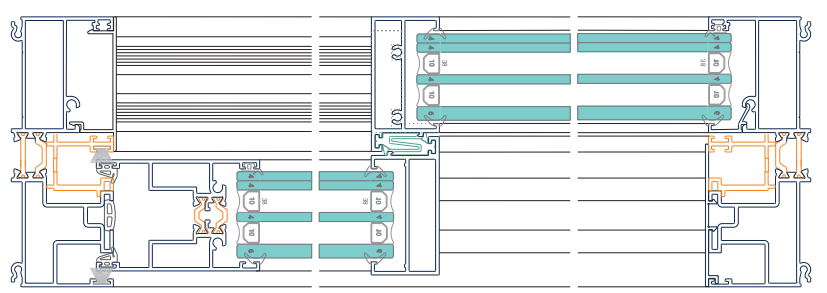
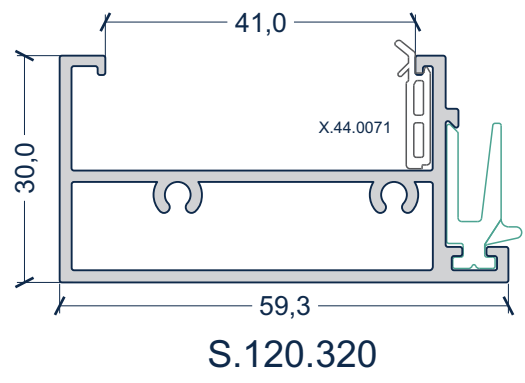
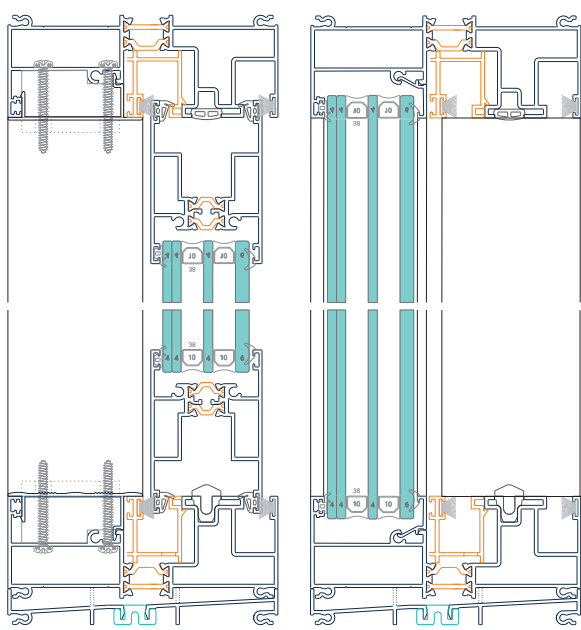
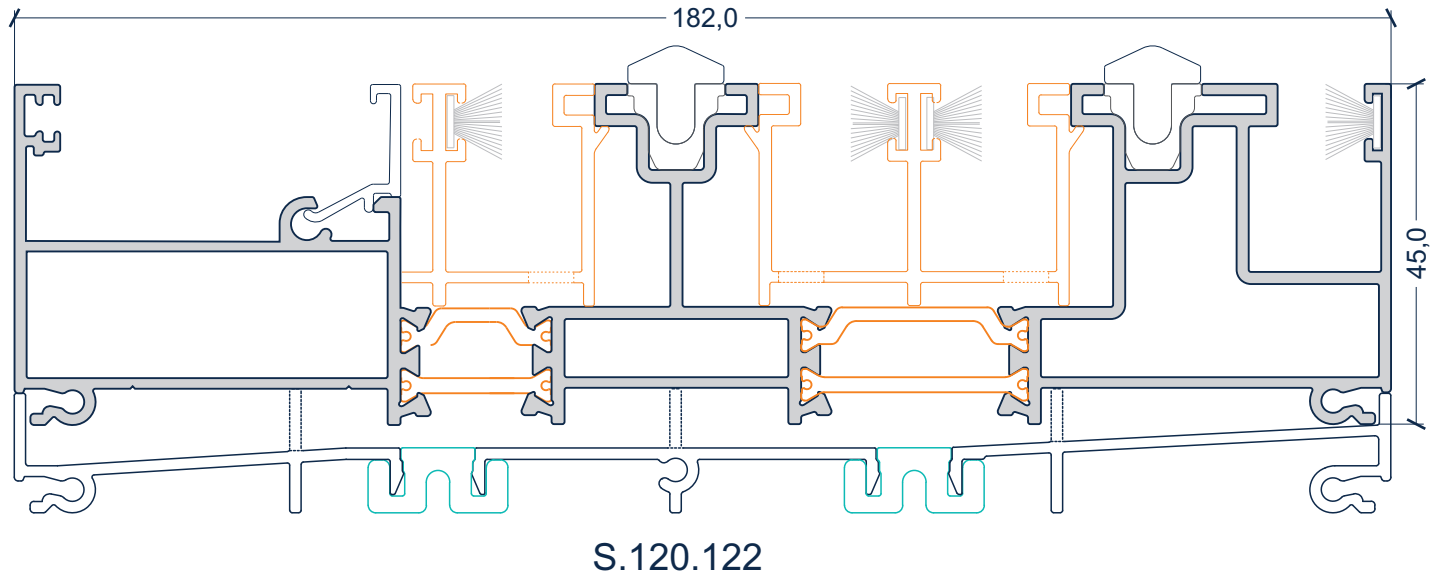
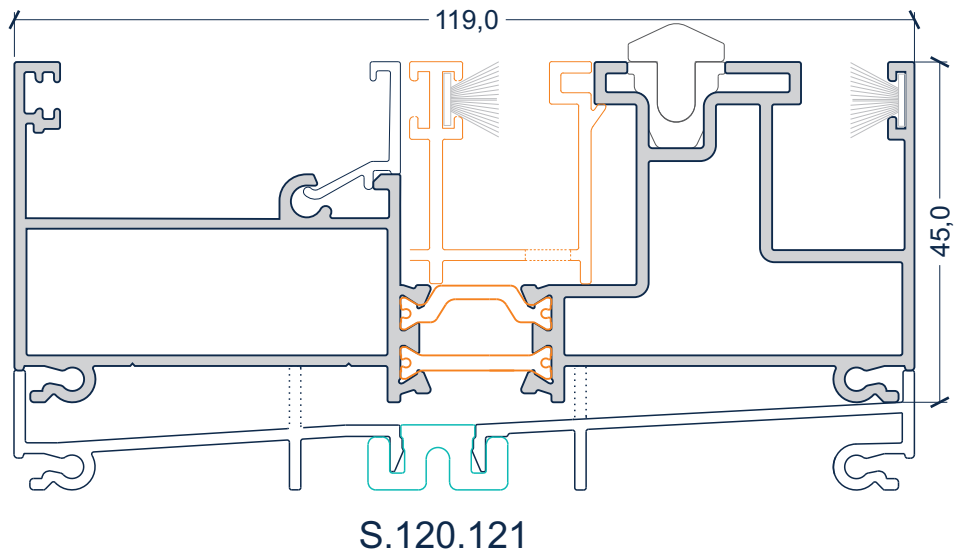
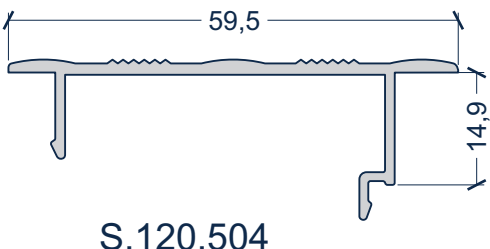
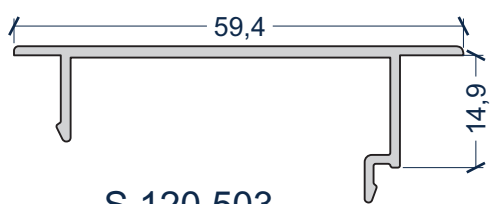
S.120.940



# S.120 - SlimLift



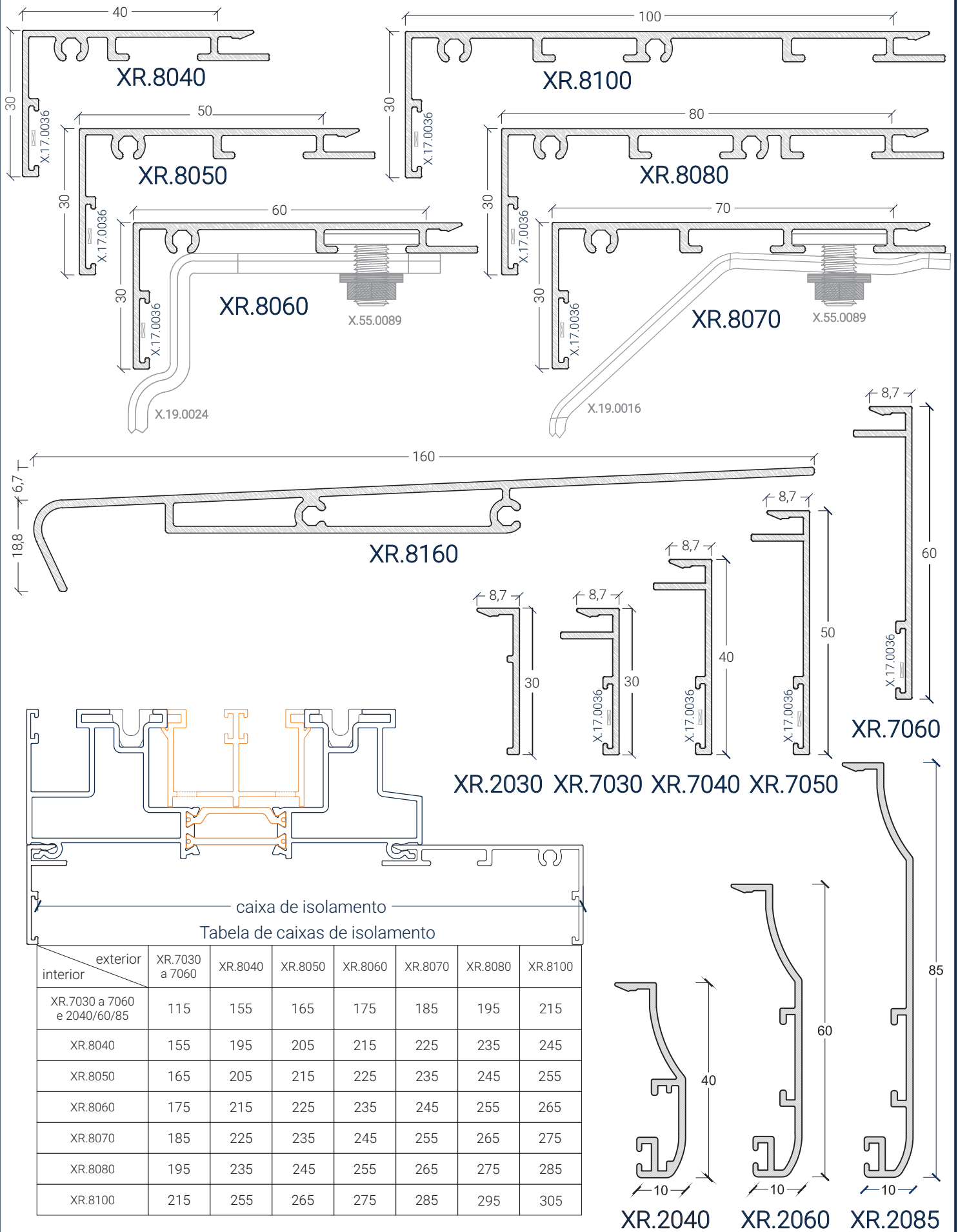
Perfis versão fixo integrado



# S.120 - SlimLift



## Xarriots



# S.120 - SlimLift




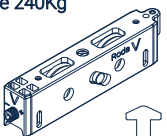
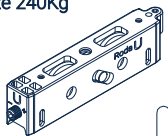
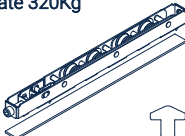
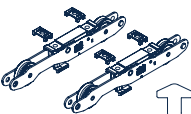
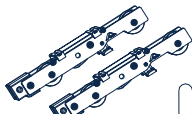

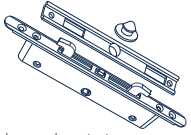

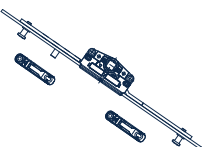
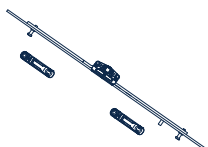
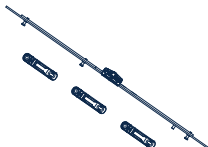
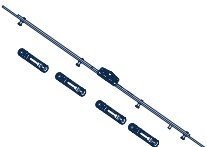
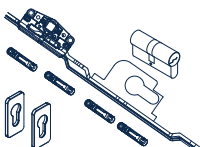

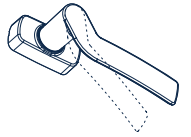
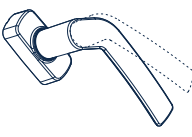
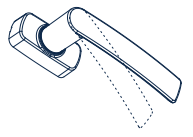
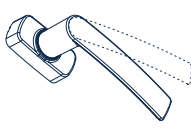
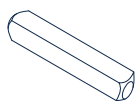

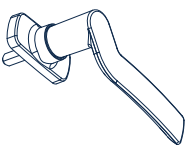
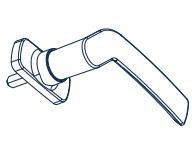
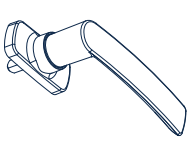

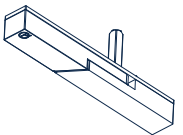
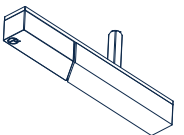
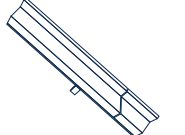
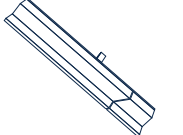
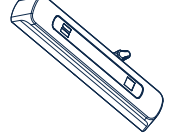

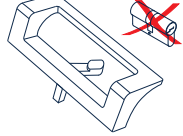
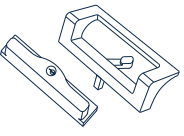
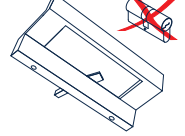
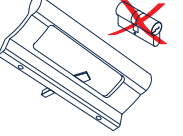
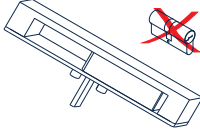

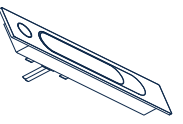
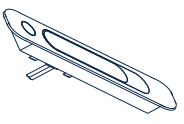
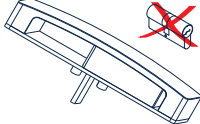
## Vedantes e Acessórios do Sistema

<p>X.46.0109 Vedante Silent Rail</p>	<p>X.43.0045 Vedante Folha Elevável</p>	<p>X.43.0022 Ved. Exterior Galandage</p>	<p>X.40.0029 Pelúcia Trifin 7,0 x 7,5</p>	<p>X.46.0110 Vedante Tapa Canal</p>	<p>X.46.0114 Tapa canal Multiponto</p>
<p>X.15.0031 Esq. Aperto Aro Fixo</p>	<p>X.42.0021 Vedante Vidro 2mm</p>	<p>X.44.0009 Vedante Cunha 2mm</p>	<p>X.44.0011 Vedante Cunha 3mm</p>	<p>X.44.0013 Vedante Cunha 4mm</p>	<p>X.44.0015 Vedante Cunha 5mm</p>
<p>X.15.0030 Esq. Aperto Aro Móvel</p>	<p>X.17.0029 Esq. Alinh. Folha 1x6,6</p>	<p>X.47.0083 Conj. cortaventos inter-rail</p> <p>Colocar no S.120.911 antes de fechar o aro fixo</p>	<p>X.52.0199 Guia /Batente lateral</p>	<p>X.52.0016 Batente lateral de fecho</p>	<p>X.63.7242 Batente limitador abertura</p>
<p>Módulo standard</p>	<p>K.52.0205 Kit Guia Central Standard</p>	<p>Módulo folha fixa</p>	<p>X.63.5219 Apoio para folha fixa</p>	<p>Módulo abertura de canto</p>	<p>X.56.0084 Kit de remate do Canto</p>
<p>Módulo minimalista</p>	<p>K.52.0206 Kit Guia Central Minimal.</p>	<p>X.56.0083 Tampa S.120.310</p>	<p>X.52.0204 Complemento do bite</p>	<p>X.44.0071 Ved Vidro Perfil Central</p>	
<p>Módulo galandage</p>	<p>X.17.0036 Esq. Alinh. Galand. 1x12,7</p>	<p>X.53.0010 Mola Fixação S.120.413</p>	<p>X.52.0201 Topo Exterior Galandage</p>	<p>K.52.0207 Topo Multifolha Galand.</p>	<p>X.18.0041 União Montante de fixo</p>
<p>Drenagem e rejingot</p>	<p>X.52.0171 Goteira c/ Defletor</p>	<p>X.56.0094 Tapa Rejingot Bi-rail</p>	<p>X.56.0096 Tapa Rejingot Tri-rail</p>	<p>X.56.0098 T. Rejingot Galand. 1 rail</p>	<p>X.56.0100 T. Rejing. Galand. bi-rail</p>
<p>K.54.0106 Suporte grelha escoador</p>	<p>X.56.0009 Ralo escoamento 50mm</p>	<p>X.56.0093 Tapa Rejing/Escoad. Bi-rail</p>	<p>X.56.0095 Tapa Rejingot/Esc. Tri-rail</p>	<p>X.56.0097 T. Rej/Esc. Galand. 1 rail</p>	<p>X.56.0099 T. Rej/Esc. Galand. bi-rail</p>

# S.120 - SlimLift



## Acessórios de Manobra (Correr em linha)

<p><b>Rolamentos</b></p> 	<p><b>X.28.0127</b> Rolamento em V c/afina. até 240Kg</p> 	<p><b>X.28.0128</b> Rolamento em U c/afina. até 240Kg</p> 	<p><b>X.28.0123</b> Rolamento em V c/afina. até 320Kg</p> 	<p><b>K.28.0124</b> Kit Rolam. em V s/afina. até 400Kg</p> 	<p><b>K.28.0129</b> Kit Rolam. em U s/afin. até 400Kg</p> 
<p><b>Fechaduras certific. americana</b></p> 	<p><b>K.31.0133</b> Kit fechad. SAFTY US 2P</p>  <p>Colocar a chapa testa antes de fechar o aro fixo</p>				
<p><b>Fechaduras certific. europeia</b></p> 	<p><b>K.31.0146</b> Fechad 2P 40 (600/1200)</p> 	<p><b>K.31.0147</b> Fechad 2P 60 (1000/2000)</p> 	<p><b>K.31.0149</b> Fech 3P 120 (1600/2400)</p> 	<p><b>K.31.0150</b> Fech 4P 180 (2000/2900)</p> 	<p><b>K.31.0151</b> Fechad 4P 180 c/chave</p> 
<p><b>Cremones linha Twenty (movimento de 20°)</b></p> 	<p><b>X.30.0216</b> Crem. TWENTY desvi. Esq.</p> 	<p><b>X.30.0217</b> Crem. TWENTY desvi. Dir.</p> 	<p><b>X.30.0218</b> Crem. TWENTY Esquerdo</p> 	<p><b>X.30.0219</b> Crem. TWENTY Direito</p> 	<p><b>X.35.0067</b> Quadra 7x41 p/ Twenty</p> 
<p><b>Cremones linha Eos (movimento de 90°)</b></p> 	<p><b>X.30.0220</b> Cremone EOS desvio esq.</p> 	<p><b>X.30.0221</b> Cremone EOS desvio dir.</p> 	<p><b>X.30.0165</b> Cremone EOS ambidestro</p> 		
<p><b>Fechos minimalistas</b></p> 	<p><b>X.30.0208</b> Fecho CUBO esquerdo</p> 	<p><b>X.30.0207</b> Fecho CUBO direito</p> 	<p><b>X.31.0138</b> Fecho ALÇA esquerdo</p> 	<p><b>X.31.0139</b> Fecho ALÇA direito</p> 	<p><b>X.31.0120</b> Fecho LEVA ambidestro</p> 
<p><b>Fechos de pega em Asa</b></p> 	<p><b>X.31.0155</b> Fecho RICHTER ambidest.</p> 	<p><b>K.31.0158</b> Fecho RICHTER c/ Chave</p> 	<p><b>X.31.0142</b> Fecho ALA reto ambid.</p> 	<p><b>X.31.0153</b> Fecho ALA boleado ambid.</p> 	<p><b>X.31.0152</b> Fecho HOGGER ambidestro</p> 
<p><b>Fechos de Embutir</b></p> 	<p><b>X.31.0141</b> Fecho CONCHA reto</p> 	<p><b>X.31.0154</b> Fecho CONCHA curvo</p> 	<p><b>X.31.0140</b> Fecho BLANDA ambidestro</p> 		

# S.120 - SlimLift



## Acessórios de Manobra (Ferragens Eleváveis)

### Ferragem - "Luce" (Fapin)

- Ponto de fecho na ombreira (Gancho X.63.5210)
- Apenas disponível para raill em "V"

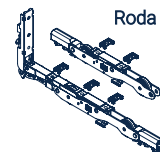
Para Raill



S.120.100

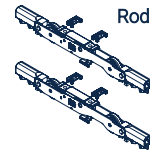
X.63.5223

Conj. patins elev. 250kg  
Roda "V"



X.63.5224

Conj. patins suplem. 400kg  
Roda "V"



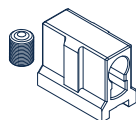
Vareta para ligação de patins



X.63.5200 - 1000mm - 730 a 1650  
X.63.5201 - 1400mm - 1650 a 2050  
X.63.5202 - 1800mm - 2050 a 2450  
X.63.5203 - 2700mm - 2450 a 3400

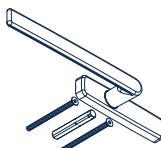
X.63.5222

Guia Transmissão patins



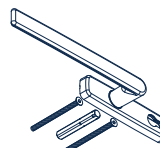
X.63.5213

Cremona elevável Luce



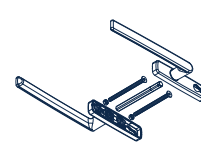
X.63.5221

Cremona elevável c/chave



X.63.5215

Cremona dúplo elevável



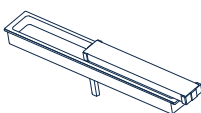
Haste Elev. Porta cremone a 1000mm



X.63.5206 - 2046mm - 1775 a 2150  
X.63.5207 - 2296mm - 1925 a 2400  
X.63.5208 - 2646mm - 2325 a 2750

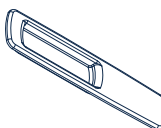
K.63.2236

Cremona Unha elevavel



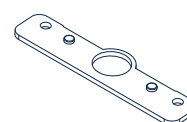
X.63.5214

Concha externa cremone



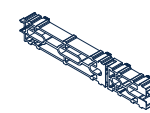
X.63.5220

Contra-placa cremone elev.



X.63.5209

Calço Haste Elevável



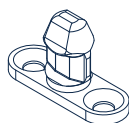
Haste Elev. Janela cremone a 400mm



X.63.5204 - 1096mm - 810 a 1200  
X.63.5205 - 1696mm - 1175 a 1800

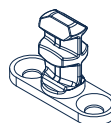
X.63.5210

Ponto fecho elevável



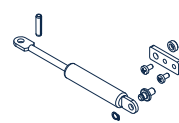
X.63.5211

Ponto fecho p/ventilação



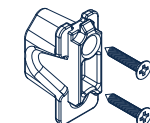
X.63.5216

Auxiliar manobra soft lift



X.91.0009

Gabarito p/ p. fecho elev.



### Ferragem - "Design Locking" (Roto)

- Ponto de fecho na Haste (Chapa-testa na ombreira - X.33.0155)
- Apenas disponível para raill em "U"
- Não disponível para janelas (consultar dep. técnico)

Para Raill



Y.0020

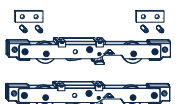
X.63.7238

Conj. patins elev. 200kg  
Roda "U"



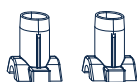
X.63.7239

Conj. patins suplem. 400kg  
Roda "U"



X.63.7258

Apoio descanso de patins



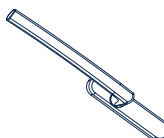
Vareta para ligação de patins



	s/patins suplem	c/patins suplem
X.63.7243 - 895mm	< 1400mm	< 1900mm
X.63.7244 - 1200mm	1400 a 1700	1900 a 2200
X.63.7245 - 1500mm	1700 a 2000	2200 a 2500
X.63.7246 - 1800mm	2000 a 2300	2500 a 2800
X.63.7247 - 2300mm	> 2300 mm	> 2800mm

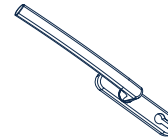
X.63.7255

Cremona elevavel simples



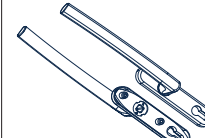
X.63.7260

Cremona elev. simp. c/chave



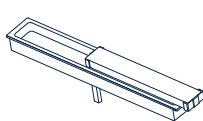
K.63.7262

Cremona elev. duplo c/chave



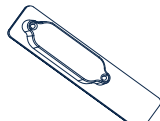
K.63.2236

Cremona Unha elevavel



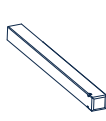
X.63.7256

Concha Exter. crem. simp.



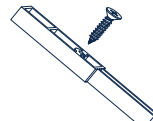
X.63.7257

Quadra 10mm p/ cremone



X.63.7240

Calço patim/haste



X.33.0155

P. fecho Design Locking



aplicar nesta posição antes de fechar o aro fixo

X.63.7254

Ponto fecho de ventilação

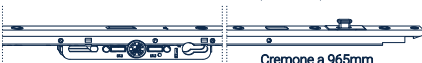


X.63.7259

Parafusos p/ cremone

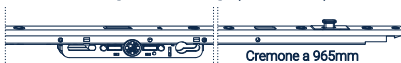


Haste Design Locking (Basic) - 300kg



X.63.7248 - 2185 mm - Folhas de 1800 a 2200 mm  
X.63.7249 - 2375 mm - Folhas de 2200 a 2600 mm  
X.63.7250 - 3000 mm - Folhas de 2600 a 3100 mm

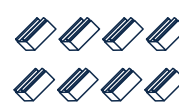
Haste Design Locking (Soft Lift) - 400kg



X.63.7251 - 2185 mm - Folhas de 1800 a 2200 mm  
X.63.7252 - 2375 mm - Folhas de 2200 a 2600 mm  
X.63.7253 - 3000 mm - Folhas de 2600 a 3100 mm

X.63.7241

Conjunto calços da haste

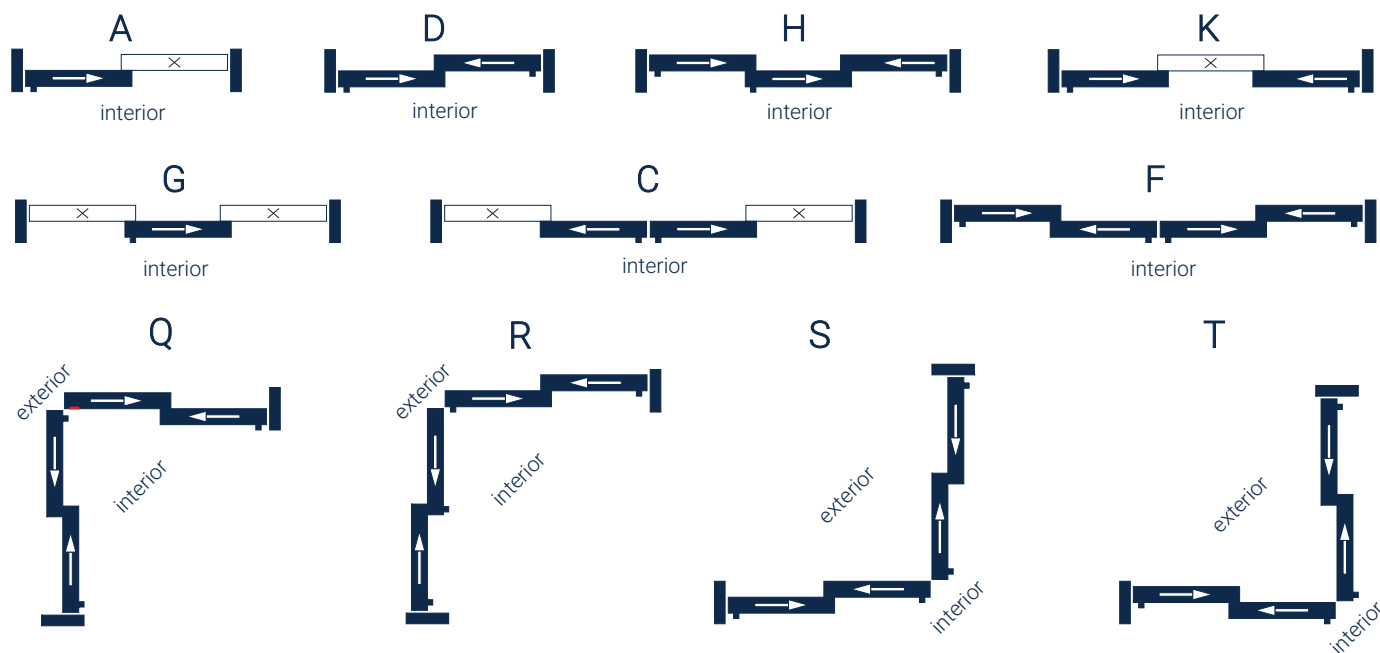


# S.120 - SlimLift



## Esquemas de abertura elevatória "LUCE" (Fapim)

Rodas em "V" para raill S.120.100



Gastalho por esquema: (para outros esquemas de abertura, consulte departamento técnico)

Acessórios		Limites por folha (mm)/(kg)			Quantidades por esquema											
Designação	Código	L/H	Mínimo	Máximo	A	C	D	F	G	H	K	Q	R	S	T	
Kit carros eleváveis 250Kg	X.63.5223				1	2	2	4	1	3	2	4	4	4	4	
Vareta ligação de carros	X.63.5200	L	730	1650	1	2	2	4	1	3	2	4	4	4	4	
	X.63.5201	L	1651	2050												
	X.63.5202	L	2051	2450												
	X.63.5203	L	2451	3400												
Guia vareta ligação carros	X.63.5222				1	2	2	4	1	3	2	4	4	4	4	
Calço de apoio de folha fixa	X.63.5219				2	4			4		2					
Cremona elevável simples	X.63.5213				1	2	2	4	1	3	2	3	4	4	4	
Cremona elevável c/chave	X.63.5221															
Cremona elev. duplo c/chave	X.63.5215															
Cremona elevável de unha	K.63.2236											1				
Concha externa cremone	X.63.5214		opcional (a)		1	2	2	4	1	3	2	3	4	4	4	
Contra-placa cremone	X.63.5220		opcional (a)													
Auxiliar manobra cremone	X.63.5216		opcional													
Haste elevatória de janela (cremona a 40mm da base)	X.63.5204	H	810	1200	1	2	2	4	1	3	2	4	4	4	4	
	X.63.5205	H	1175	1800												
Haste elevatória de porta (cremona a 100mm da base)	X.63.5206	H	1775	2150												
	X.63.5207	H	1925	2400												
	X.63.5208	H	2325	2750												
Calço haste elevatória	X.63.5209				4	8	8	16	4	12	8	16	16	16	16	
Ponto fecho simples	X.63.5210				2	4	4	8	2	6	4	8	8	8	8	
Ponto fecho para ventilação	X.63.5211		opcional													
Ponto fecho suplementar	X.63.5210		opcional (b)		1	2	2	4	1	3	2	4	4	4	4	
Batente limitador abertura	X.63.5212				1	2	1	2	2	2	2	2	2	2	2	
Kit carros suplementares	X.63.5224	P	251kg	350kg	1	2	2	4	1	3	2	4	4	4	4	

(a) - Incompatível com cremone duplo X.63.5215

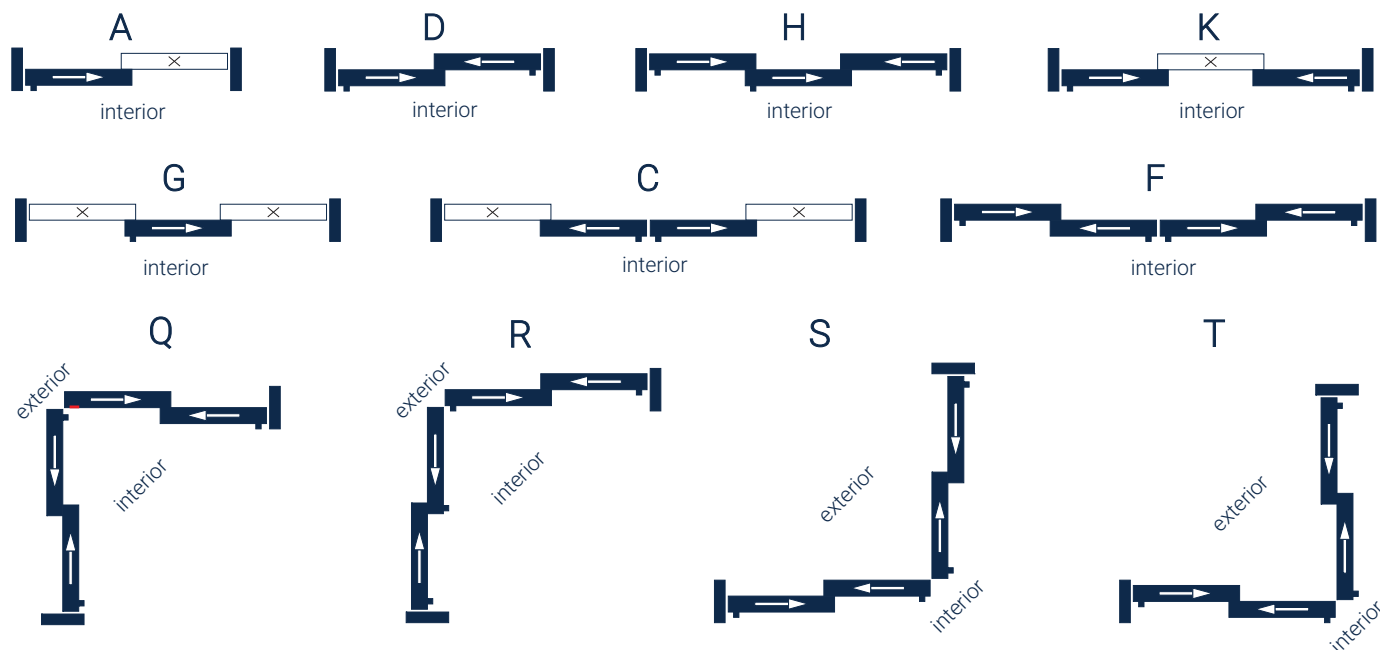
(b) - Ponto de fecho suplementar para hastes de porta X.63.5206/07/08

# S.120 - SlimLift



## Esquemas de abertura elevatória "Design Lockig" (Roto Frank)

Rodas em "U" para raill Y.0020



Gastho por esquema: (para outros esquemas de abertura, consulte departamento técnico)

Acessórios		Limites por folha (mm)/(kg)			Quantidades por esquema											
Designação	Código	L/H	Mínimo	Máximo	A	C	D	F	G	H	K	Q	R	S	T	
Kit carros eleváveis 200Kg	X.63.7238				1	2	2	4	1	3	2	4	4	4	4	
Apoio descanso de carros	X.63.7258				1	2	2	4	1	3	2	4	4	4	4	
Vareta ligação de carros	X.63.5243	L	730	1400	1	2	2	4	1	3	2	4	4	4	4	
	X.63.5244	L	1401	1700												
	X.63.5245	L	1701	2000												
	X.63.5246	L	2001	2300												
	X.63.5247	L	2301	3000												
Calço de apoio de folha fixa	X.63.5219				2	4			4		2					
Cremona elevável simples	X.63.7255				1	2	2	4	1	3	2	3	4	4	4	
Cremona elevável c/chave	X.63.7260															
Cremona elev. duplo c/chave	X.63.7262															
Quadra 10mm p/ cremone	X.63.7257															
Parafuso para cremone	X.63.7259				1	2	2	4	1	3	2	3	4	4	4	
Cremona elevável de unha	K.63.2236											1				
Concha externa cremone	X.63.7256	opcional (a)			1	2	2	4	1	3	2	3	4	4	4	
Haste "Design Locking" Basic (Folhas até 300Kg)	X.63.7248	H	1800	2200	1	2	2	4	1	3	2	4	4	4	4	
	X.63.7249	H	2200	2600												
	X.63.7250	H	2600	3100												
Haste "Design Locking" Soft Lift (Folhas acima de 300Kg)	X.63.7251	H	1800	2200	1	2	2	4	1	3	2	4	4	4	4	
	X.63.7252	H	2200	2600												
	X.63.7253	H	2600	3100												
Calço haste elevatória	X.63.7241				1	2	2	4	1	3	2	4	4	4	4	
Calço carro/ haste	X.63.7240				1	2	2	4	1	3	2	4	4	4	4	
Ponto fecho simples	X.33.0155				2	4	4	8	2	6	4	8	8	8	8	
Ponto fecho para ventilação	X.63.7254	opcional														
Batente limitador abertura	X.63.7242				1	2	1	2	2	2	2	2	2	2	2	
Kit carros suplementares	X.63.7239	P	201kg	400kg	1	2	2	4	1	3	2	4	4	4	4	

(a) - Incompatível com cremone duplo X.63.7262

# S.120 - SlimLift



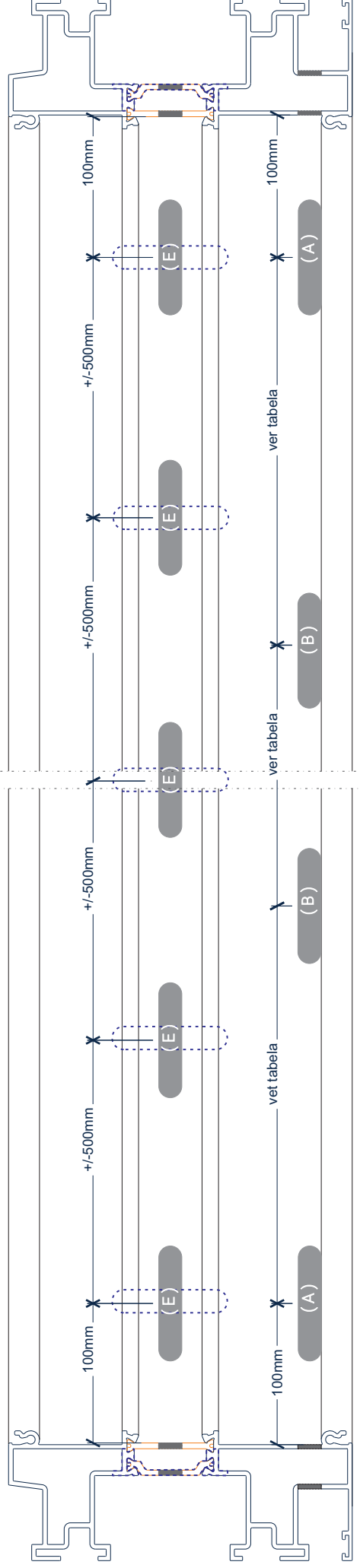
## Planos de Drenagem

Operações de fresa



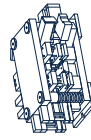
(rasgos de 40 x 8 mm)

Tabela para rasgos interiores da soleira		LV < 1500	1500 < LV < 2800	2800 < LV < 4100	4100 < LV < 5400	5400 < LV < 6700	6700 < LV < 8000
Rasgos laterais (A)		2					
Quant.	Posição	Centrado a 100 mm das extremidades					
Quant.	Posição	0	1	2	3	4	5
			(LV-200)/2	(LV-200)/3	(LV-200)/4	(LV-200)/5	(LV-200)/6



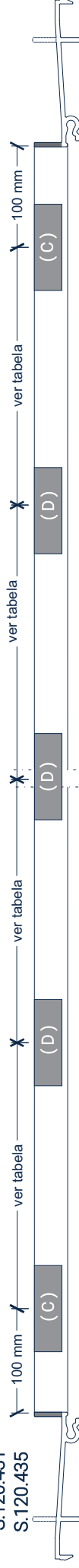
Operação de cunho para soluções sem grelha (com grelha, usar o perfil S.120.430, já maquinado)

Tabela para rasgos para goteiras		LV < 1400	1400 < LV < 2000	2000 < LV < 2600	2600 < LV < 3200	3200 < LV < 3800	3800 < LV < 4400	4400 < LV < 5000	5000 < LV < 5600	5600 < LV < 6200	6200 < LV < 6800	6800 < LV < 7400
Rasgos laterais (C)		2										
Quant.	Posição	Centrado a 100 mm das extremidades										
Quant.	Posição	1	2	3	4	5	6	7	8	9	10	11
		(LV - 200)/2	(LV-200)/3	(LV-200)/4	(LV-200)/5	(LV-200)/6	(LV-200)/7	(LV-200)/8	(LV-200)/9	(LV-200)/10	(LV-200)/11	(LV-200)/12



S.120.431

S.120.435



**Importante:** Na Galandage considera-se «Largura do Vão» (LV) a parte exposta do caixilho, não inclui a parte embutida, pelo que se deverá ter atenção aos rasgos da drenagem do perfil S.120.434

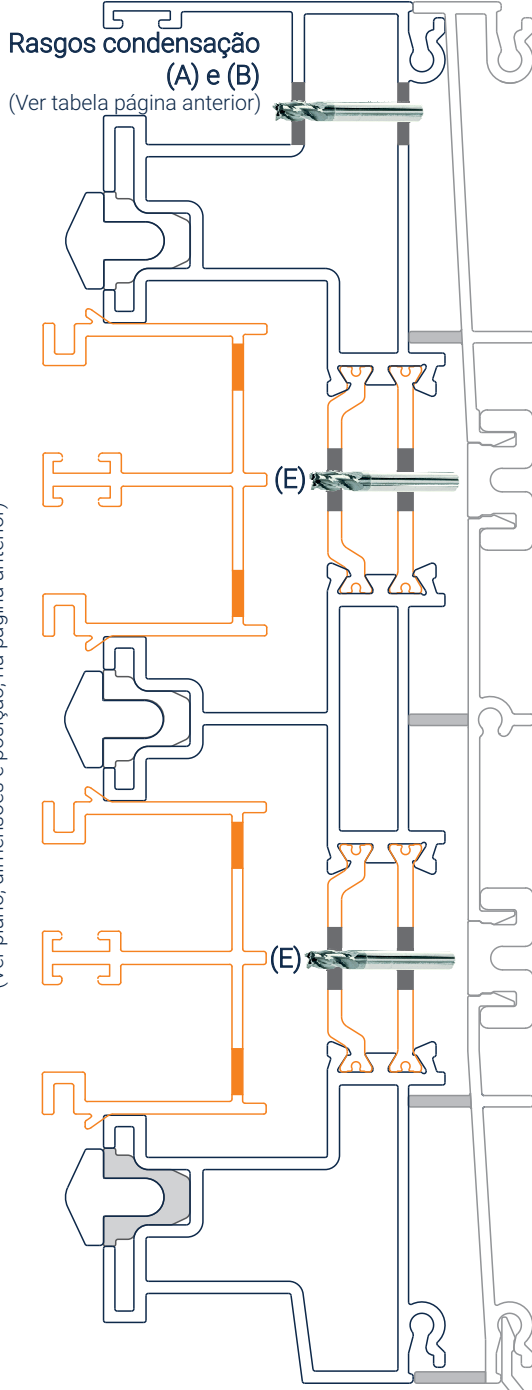
# S.120 - SlimLift



Esquema de drenagem (consultar plano na pág. anterior)

Rasgos de drenagem (E) com rejingot

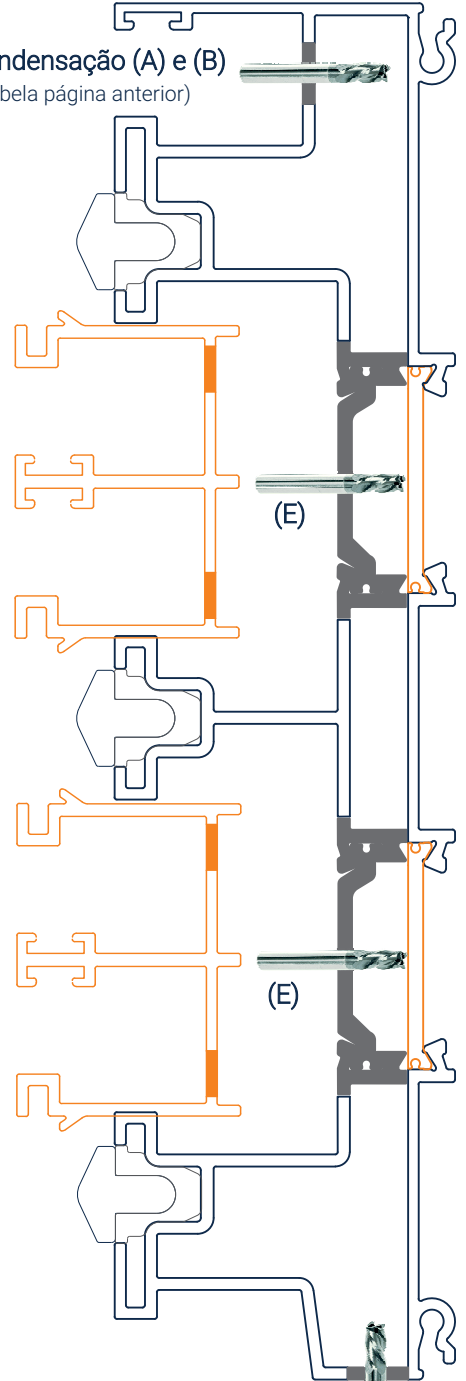
(Ver plano, dimensões e posição, na página anterior)



Rasgos condensação (A) e (B)  
(Ver tabela página anterior)

Rasgos de drenagem (E) sem rejingot

(Ver plano, dimensões e posição, na página anterior)



Rasgos de goteira (C) e (D)  
(Ver tabela página anterior)



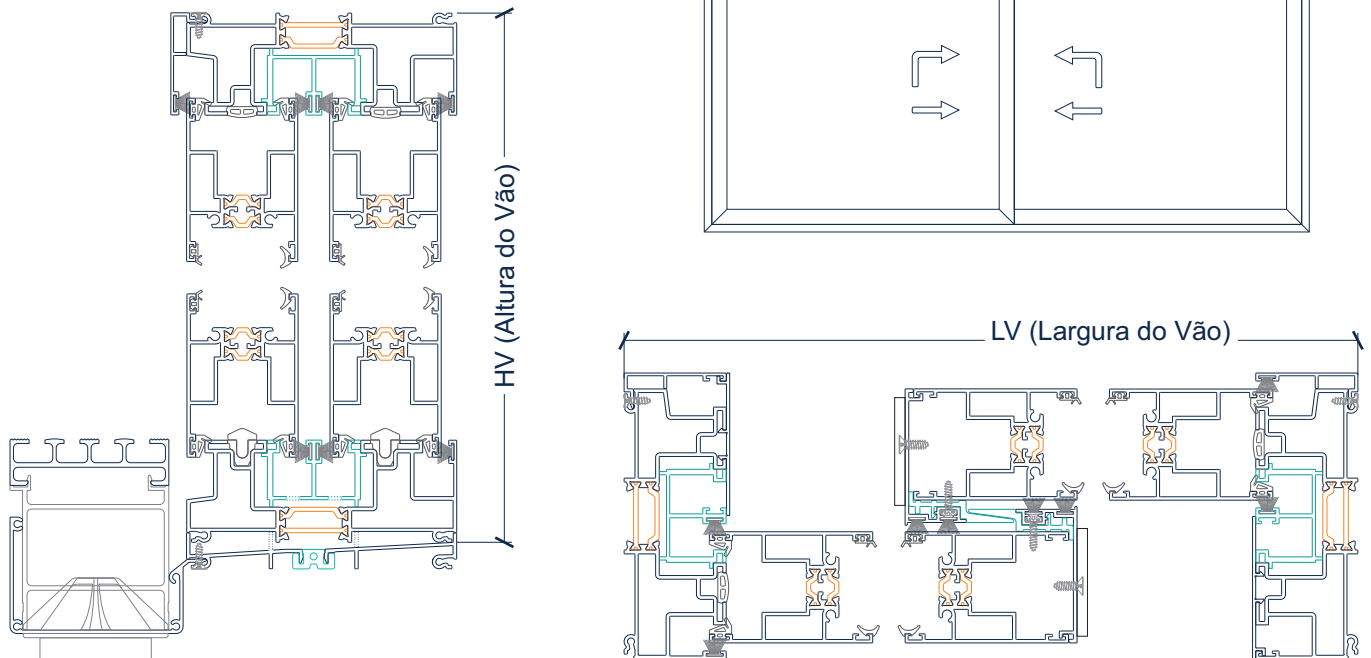
operações de fresa

# S.120 - SlimLift



## Consumos e Medidas de Corte

Elevável ou Correr Vista standard



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Ícone	Larguras			Alturas			Maquinações*		Acessórios					
	medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa	Vedantes	LF	AF	LM	AM	
	LV - 90		2							X.46.0109	2			
	LV		2	HV		2	Esquadros	Drenagem		X.46.0110	2	2		
			4	HV-75		4	Esquadros			X.43.0045			8(b)	4
	(LV-6,8)/2		4	HV-75		4	Esquadros			X.40.0029	7	4	8(c)	4
				HV-137,6		2	Furo Guia			X.42.0021			4	4
				HV-219		4				Ved.cunha <sup>(3)</sup>			4	4
	(LV-235,2)/2		4	HV-219		4			Acessórios do Sistema					
	LV		1	HV		2				X.15.0031			8	
	LV-31,2		1	HV-31,2		2				X.15.0030			16	
	LV-31,2		1							X.17.0029			16	
				HV-137,6		2				X.47.0083			1	
				HV-222		2(c)				K.52.0205			2	
				HV-90		2				X.52.0199			2	
										X.52.0016			2	
	LV		1					Drenag.(g)		X.52.0171			(g)	
	LV		1							K.54.0106 <sup>(#)</sup>			3x(a)	
	LV		1							X.56.0009 <sup>(#)</sup>			1	
	LV		1						Rolamentos					
	LV		1							X.28.0122				
	LV/(a)		(a)							X.28.0123			4	
										X.28.0124				

(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

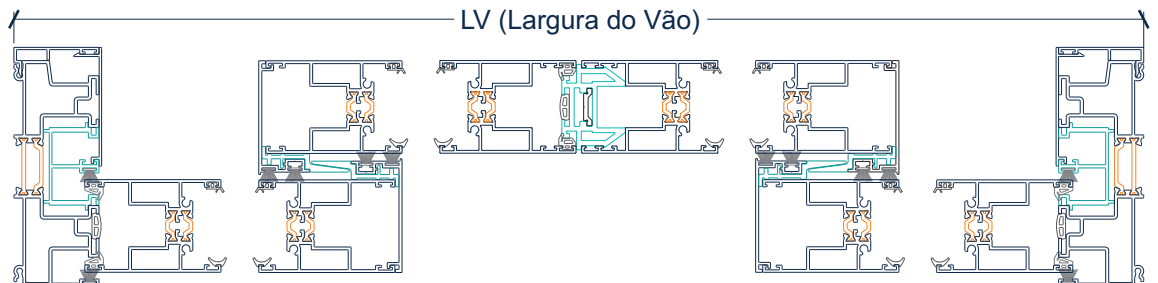
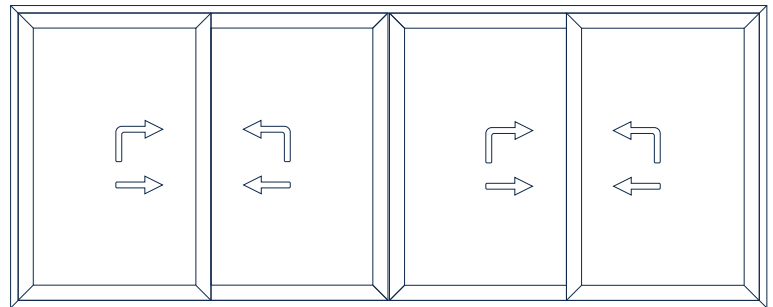
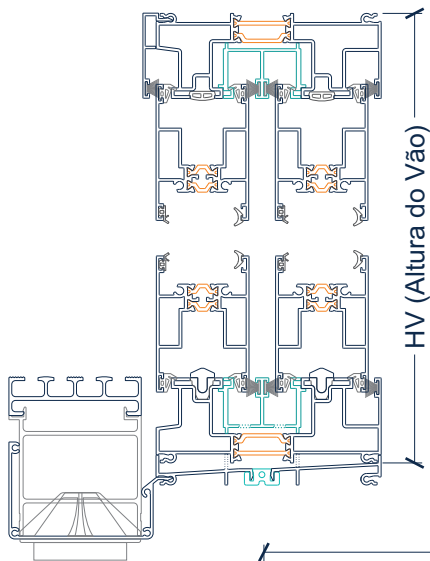
(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



## Medidas de Corte e Consumos

Elevável ou Correr Vista standard



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Ícone	Larguras			Alturas			Maquinações*	
	medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa
S.120.100	LV - 90		2					
S.120.102	LV		2	HV		2	Esquadros	Drenagem
S.120.210			8	HV-75		8	Esquadros	
S.120.200	(LV+58,4)/4							
S.120.201				HV-137,6		4	Furo Guia	
S.120.237 <sup>(1)</sup>								
S.120.241 <sup>(1)</sup>	(LV-398,4)/4		8	HV-219		4		
S.120.501	LV		1	HV		2		
S.120.910	LV-31,2		1	HV-31,2		2		
S.120.911	LV-31,2		1					
S.120.920				HV-137,6		4		
S.120.922				HV-75		1		
Y.4023				HV-75		1		
S.120.923 (c)				HV-222		3		
S.120.502 <sup>(#)</sup>				HV-90		2		
S.120.430 <sup>(#)</sup>								
S.120.431 <sup>(#)</sup>	LV		1					
S.120.432 <sup>(#)</sup>	LV		1				Drenag.(g)	
S.120.930 <sup>(#)</sup>	LV		1					
Y.0301 <sup>(#)</sup>	LV		1					
Y.0302 <sup>(#)</sup>	LV/(a)		(a)					

Acessórios					
Vedantes		LF	AF	LM	AM
	X.46.0109	2			
	X.46.0110	2	2		
	X.43.0045			16(b)	6
	X.40.0029	7	4	16(c)	8
	X.42.0021			8	8
	Ved.cunha <sup>(3)</sup>			8	8
Acessórios do Sistema					
	X.15.0031			8	
	X.15.0030			32	
	X.17.0029			32	
	X.47.0083			3	
	K.52.0205			4	
	X.52.0199			4	
	X.52.0016			4	
	X.52.0171			(g)	
	K.54.0106 <sup>(#)</sup>			3x(a)	
	X.56.0009 <sup>(#)</sup>			1	
Rolamentos					
	X.28.0122				
	X.28.0123			8	
	X.28.0124				

(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

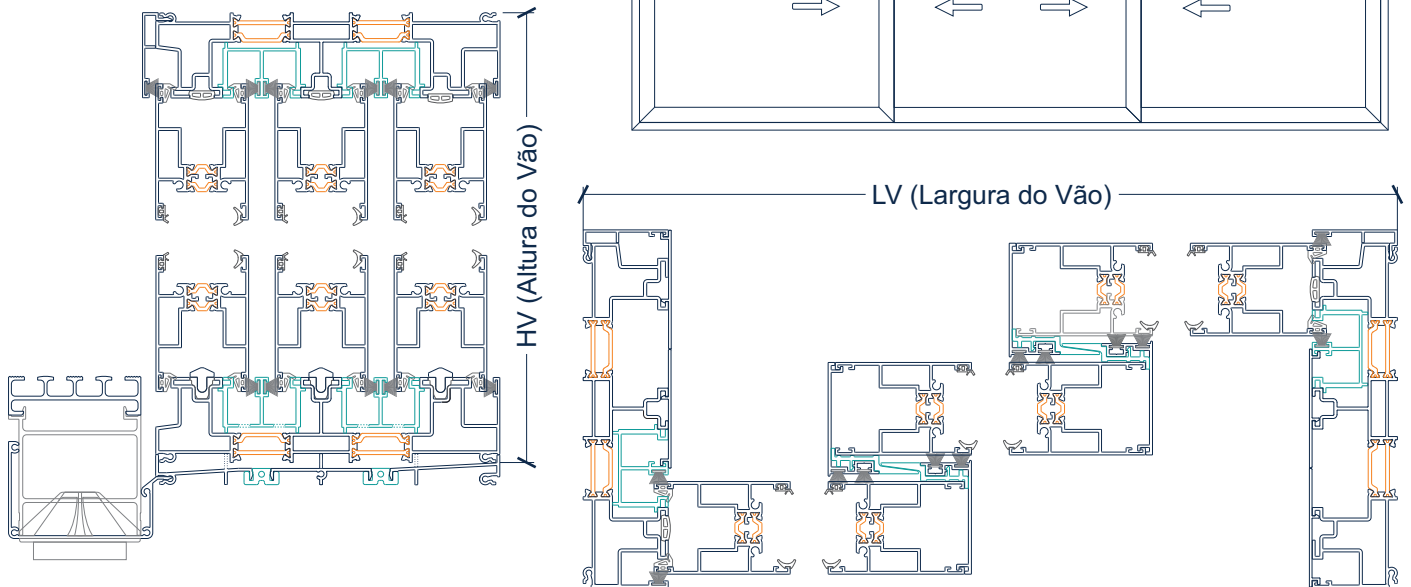
(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



## Medidas de Corte e Consumos

Elevável ou Correr Vista standard



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Código	Ícone	Larguras			Alturas			Maquinações*	
		medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa
S.120.100		LV - 90		3					
S.120.103		LV		2	HV		2	Esquadros	Drenagem
S.120.210		(LV+61,4)/3		6	HV-75		6	Esquadros	
S.120.200									
S.120.201					HV-137,6		4	Furo Guia	
S.120.237 <sup>(1)</sup>									
S.120.241 <sup>(1)</sup>		(LV-311,2)/3		6	HV-219		6		
S.120.501		LV		1	HV		2		
S.120.910		LV-31,2		1	HV-31,2		2		
S.120.911		LV-31,2		1					
S.120.920					HV-137,6		4		
S.120.923 (c)					HV-137,6		2		
S.120.502 <sup>(#)</sup>					HV-90		4		
S.120.430 <sup>(#)</sup>									
S.120.431 <sup>(#)</sup>		LV		1				Drenag.(g)	
S.120.432 <sup>(#)</sup>		LV		1					
S.120.433 <sup>(#)</sup>		LV		1					
S.120.930 <sup>(#)</sup>		LV		2					
Y.0301 <sup>(#)</sup>		LV		1					
Y.0302 <sup>(#)</sup>		LV/(a)		(a)					

Acessórios					
Vedantes		LF	AF	LM	AM
	X.46.0109	3			
	X.46.0110	3	2		
	X.43.0045			12(b)	4
	X.40.0029	11	4	12(c)	8
	X.42.0021			6	6
	Ved.cunha <sup>(3)</sup>			6	6
Acessórios do Sistema					
	X.15.0031			8	
	X.15.0030			24	
	X.17.0029			24	
	X.47.0083			2	
	K.52.0205			4	
	X.52.0199			2	
	X.52.0016			2	
	X.52.0171			(g)	
	K.54.0106 <sup>(#)</sup>			3x(a)	
	X.56.0009 <sup>(#)</sup>			1	
Rolamentos					
	X.28.0122				
	X.28.0123			6	
	X.28.0124				

(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

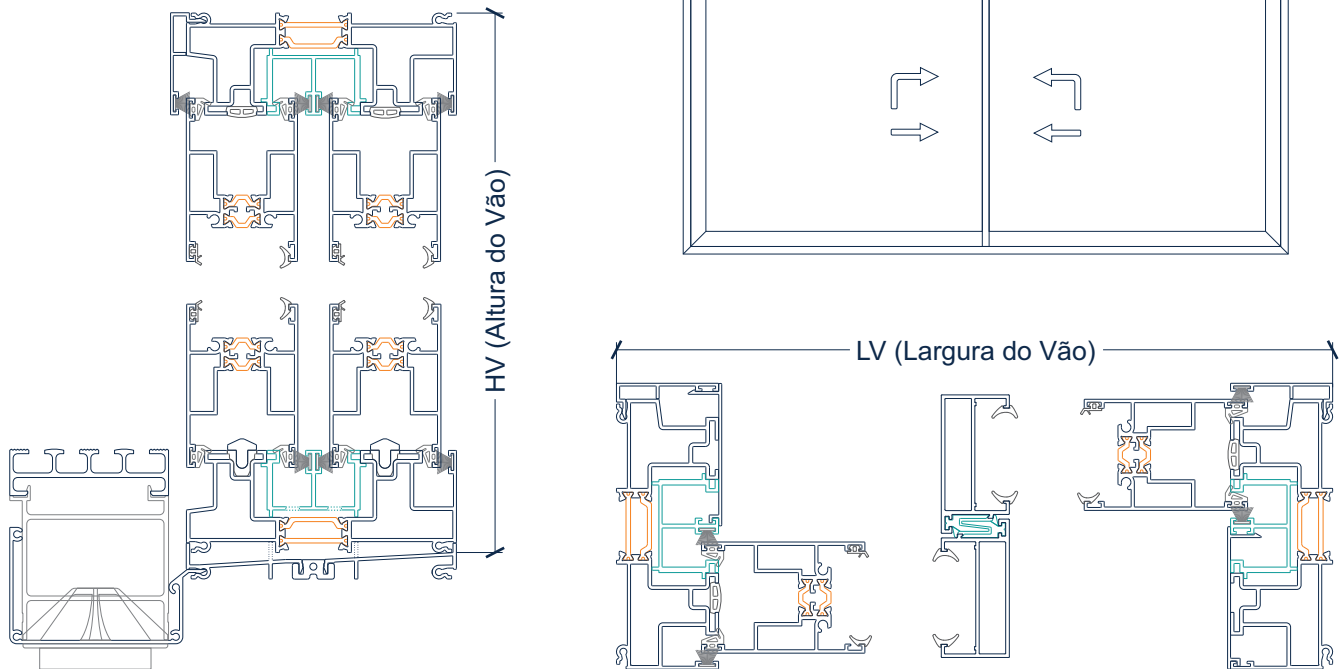
(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



## Medidas de Corte e Consumos

Elevável ou Correr Vista minimalista



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Ícone	Larguras			Alturas			Maquinações*	
	medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa
S.120.100	LV - 90		2					
S.120.102	LV		2	HV		2	Esquadros	Drenagem
S.120.210	(LV-75,6)/2		4	HV-75		2	Esquadros	
S.120.200								
S.120.300				HV-137,6		2	Entalhe do móvel e furo do guia	
S.120.310								
S.120.237 <sup>(1)</sup>	(LV-219,2)/2		4	HV- 219		2		
S.120.241 <sup>(1)</sup>				HV- 219		2		
S.120.337 <sup>(2)</sup>								
S.120.501	LV		1	HV		2		
S.120.910	LV - 31,2		1	HV - 31,2		2		
S.120.911	LV - 31,2		1					
S.120.921				HV-137,6		2		
S.120.923 (c)				HV-222		2		
S.120.502(#)				HV-90		2		
S.120.430(#)								
S.120.431(#)	LV		1				Drenag.(g)	
S.120.432(#)	LV		1					
S.120.930(#)	LV		1					
Y.0301(#)	LV		1					
Y.0302(#)	LV/(a)		(a)					

Acessórios				
Vedantes	LF	AF	LM	AM
X.46.0109	2			
X.46.0110	2	2		
X.43.0045			8 (b)	4
X.40.0029	7	4	8 (c)	
X.42.0021			4	2
Ved.cunha <sup>(3)</sup>			4	6
Acessórios do Sistema				
X.15.0031		8		
X.15.0030		8		
X.17.0029		8		
X.47.0083		1		
K.52.0206		2		
X.52.0199		2		
X.52.0016		2		
X.56.0083		2x(d)		
X.52.0171		(g)		
K.54.0106(#)		3x(a)		
X.56.0009(#)		1		
Rolamentos				
X.28.0122				
X.28.0123		4		
X.28.0124				

(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

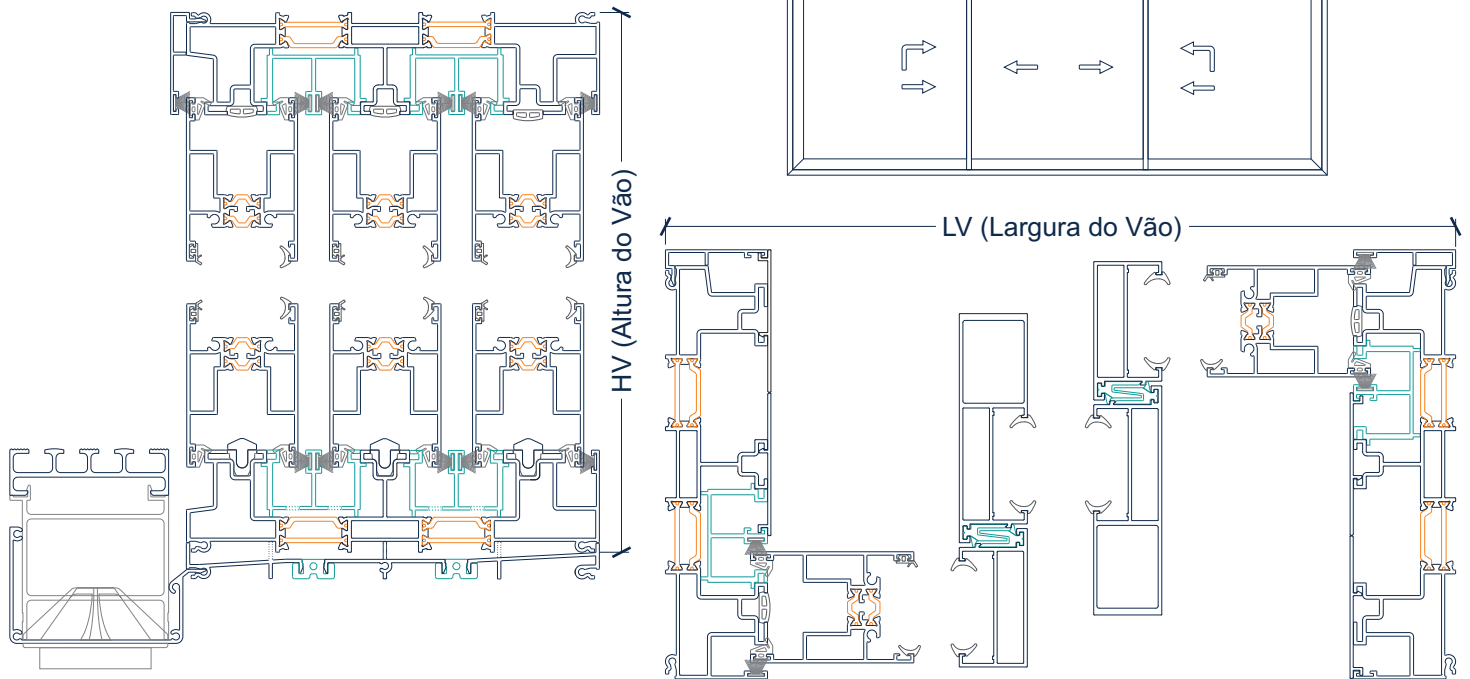
(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



## Medidas de Corte e Consumos

Elevável ou Correr Vista minimalista



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Código	Ícone	Larguras			Alturas			Maquinações*	
		medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa
S.120.100		LV - 90		3					
S.120.103		LV		2	HV		2	Esquadros	Drenagem
S.120.210		(LV-19,1)/3 (e)		4	HV-75		2	Esquadros	
S.120.200		(LV-190,5)/3 (f)		2					
S.120.300					HV-137,6		4	Entalhe do móvel e furo do guia	
S.120.310									
S.120.237 <sup>(1)</sup>		(LV-234,5)/3 (e)		4	HV-219		2		
S.120.241 <sup>(1)</sup>		(LV-278,8)/3 (f)		2					
S.120.337 <sup>(2)</sup>					HV-219		4		
S.120.501		LV		1	HV		2		
S.120.910		LV-31,2		2	HV-31,2		2		
S.120.911		LV-31,2		2					
S.120.921					HV-137,6		4		
S.120.923 (c)					HV-222		2		
S.120.502(#)					HV-90		4		
S.120.430(#)									
S.120.431(#)		LV		1				Drenag.(g)	
S.120.432(#)		LV		1					
S.120.433(#)		LV		1					
S.120.930 (#)		LV		2					
Y.0301 (#)		LV		1					
Y.0302 (#)		LV/(a)		(a)					

Acessórios					
Vedantes		LF	AF	LM	AM
	X.46.0109	3			
	X.46.0110	3	2		
	X.43.0045			8(b)	4
	X.40.0029	11	4	4 <sup>(b)</sup> 12 <sup>(c)</sup>	
	X.42.0021			6	2
	Ved.cunha <sup>(3)</sup>			6	10
Acessórios do Sistema					
	X.15.0031		8		
	X.15.0030		8		
	X.17.0029		8		
	X.47.0083		2		
	K.52.0206		4		
	X.52.0199		2		
	X.52.0016		2		
	X.56.0083		2x(d)		
	X.52.0171		(g)		
	K.54.0106(#)		3x(a)		
	X.56.0009(#)		1		
Rolamentos					
	X.28.0122				
	X.28.0123		6		
	X.28.0124				

(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

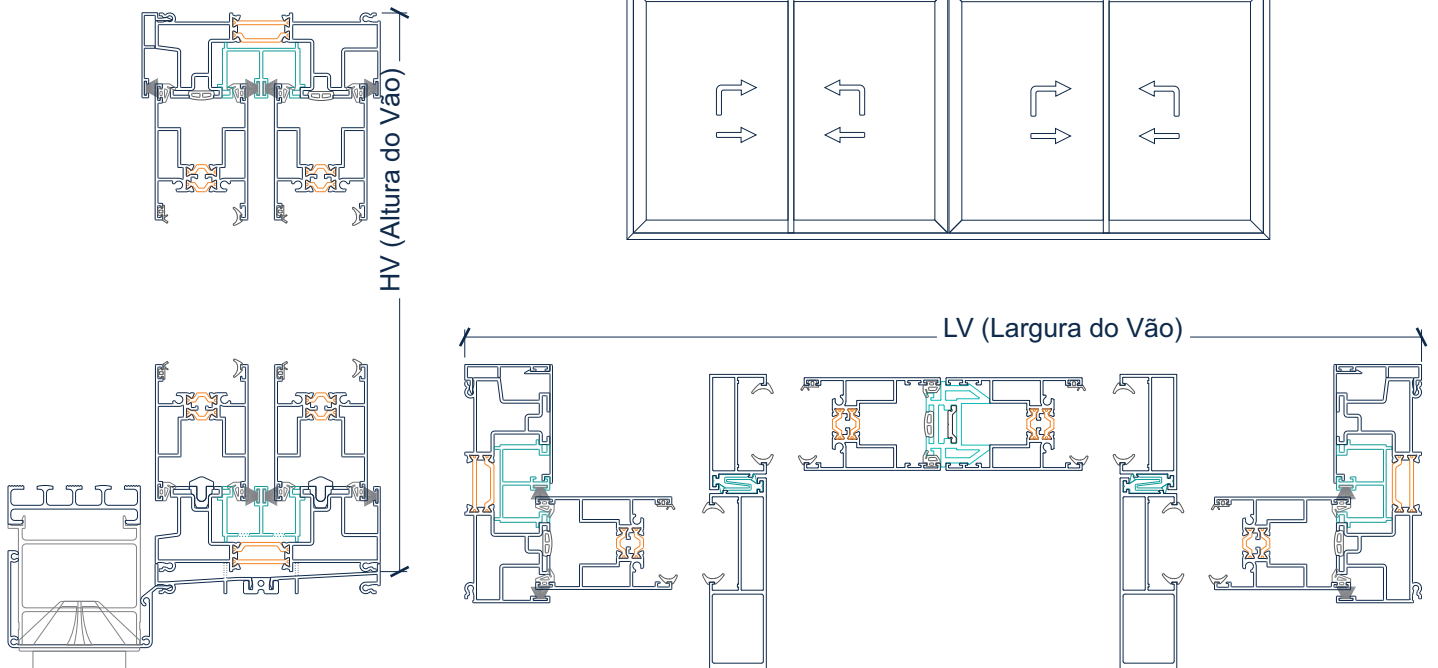
(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



## Medidas de Corte e Consumos

Elevável ou Correr Vista minimalista



As medidas de corte apresentadas são orientativas, pelo que deverão ser verificadas em obra

Código	Ícone	Larguras			Alturas			Maquinações*	
		medidas	tipo de corte	pcs.	medidas	tipo de corte	pcs.	operações cunho	operações fresa
S.120.100		LV - 90		2					
S.120.102		LV		2	HV		2	Esquadros	Drenagem
S.120.210		(LV-79,2)/4		8	HV-75		4	Esquadros	
S.120.200					HV-137,6		4	Entalhe do móvel e furo do guia	
S.120.310					HV-219		4		
S.120.237 <sup>(1)</sup>		(LV-366,5)/4		8	HV-219		4		
S.120.241 <sup>(1)</sup>					HV-219		4		
S.120.501		LV		1	HV		2		
S.120.910		LV-31,2		1	HV-31,2		2		
S.120.911		LV-31,2		1					
S.120.921					HV-137,6		4		
S.120.923 (c)					HV-222		3		
S.120.922					HV-75		1		
Y.4023					HV-75		1		
S.120.502 <sup>(#)</sup>					HV-90		2		
S.120.430 <sup>(#)</sup>		LV		1					
S.120.431 <sup>(#)</sup>		LV		1				Drenag.(g)	
S.120.432 <sup>(#)</sup>		LV		1					
S.120.930 <sup>(#)</sup>		LV		1					
Y.0301 <sup>(#)</sup>		LV		1					
Y.0302 <sup>(#)</sup>		LV/(a)		(a)					

Acessórios					
Vedantes		LF	AF	LM	AM
	X.46.0109	2			
	X.46.0110	2	2		
	X.43.0045			16(b)	6
	X.40.0029	7	4	16(c)	
	X.42.0021			8	4
	Ved.cunha <sup>(3)</sup>			8	12
Acessórios do Sistema					
	X.15.0031		8		
	X.15.0030		16		
	X.17.0029		16		
	X.47.0083		3		
	K.52.0206		4		
	X.52.0199		3		
	X.52.0016		3		
	X.56.0083		2x (d)		
	X.52.0171		(g)		
	K.54.0106 <sup>(#)</sup>		3x (a)		
	X.56.0009 <sup>(#)</sup>		1		
Rolamentos					
	X.28.0122				
	X.28.0123		8		
	X.28.0124				

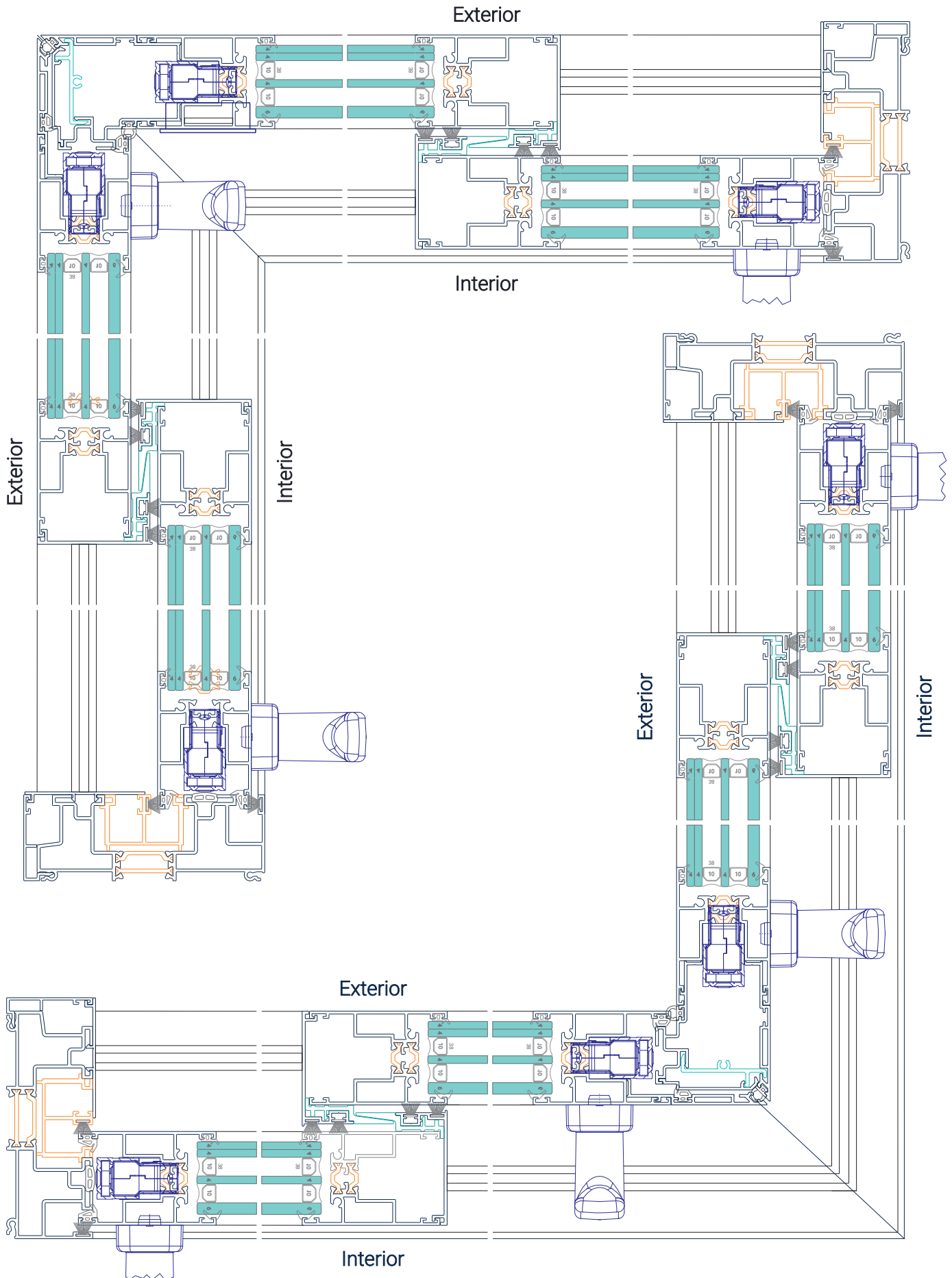
(\*)-Ver pag. mecanizações; (#)-Soluções Opcionais; (1)-Se móvel=S.120.200; (2)-Se cx vidro=37mm; (3)-Ver pag. acessórios;

(a)=LV arredondada a mts; (b)-Se Elevável; (c)-Se de Correr; (d)=Nº pcs S.120.310; (e)Folhas laterais; (f)Folha Central; (g)-Ver Plano de drenagem;

# S.120 - SlimLift



Abertura de canto (folha do canto no rail exterior)

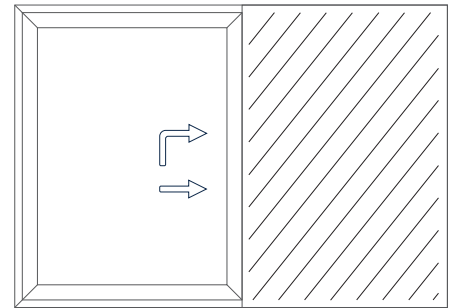
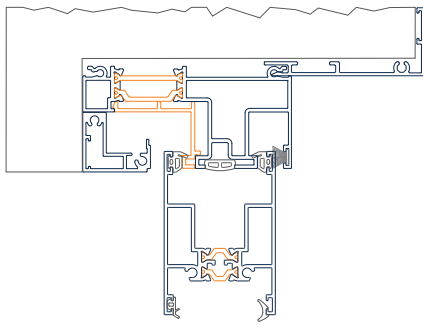




# S.120 - SlimLift

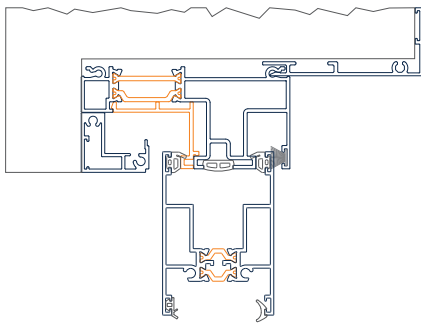
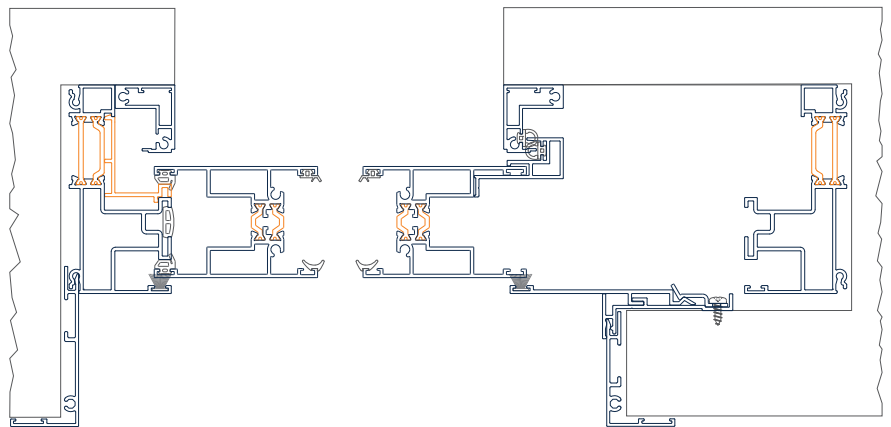
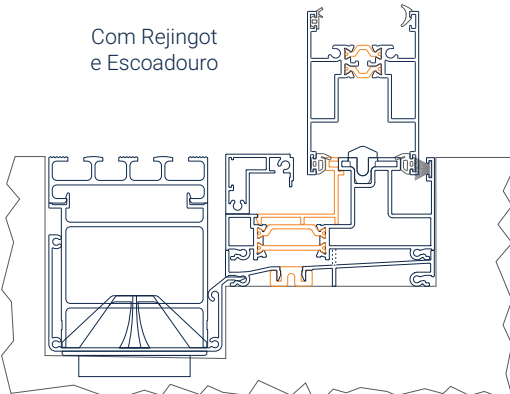


## Pormenores de Galandage mono-rail

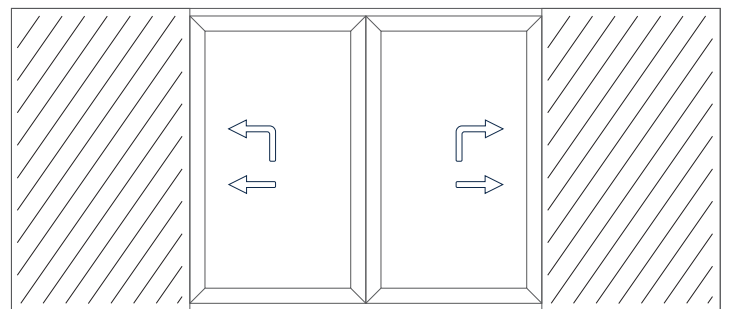
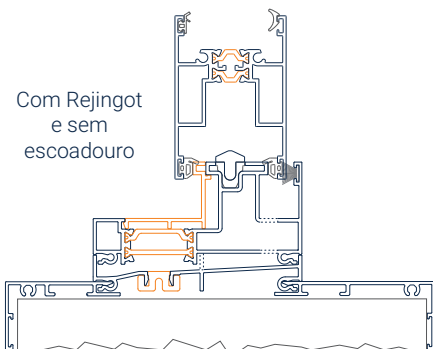


Galandage de 1 folha Elevável ou de Correr

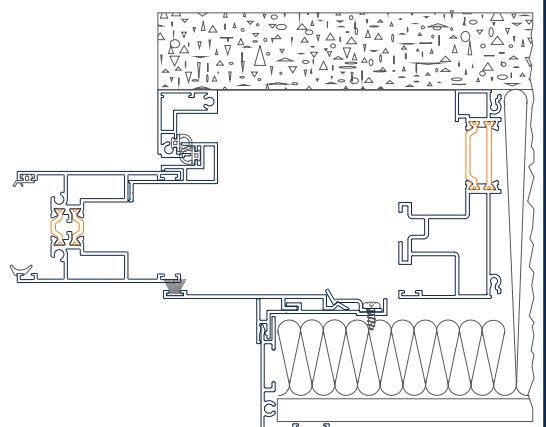
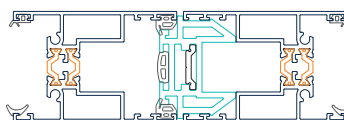
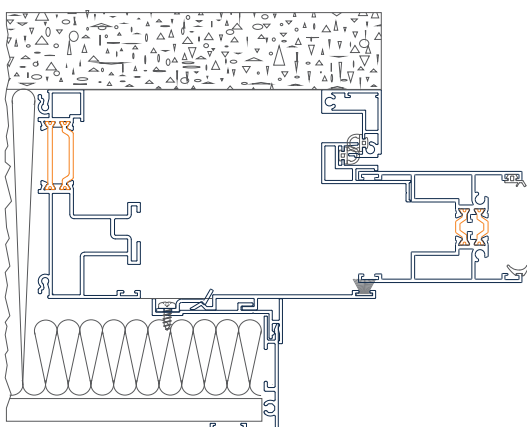
Com Rejingot e Escoadouro



Com Rejingot e sem escoadouro

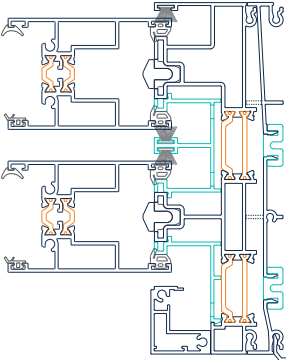
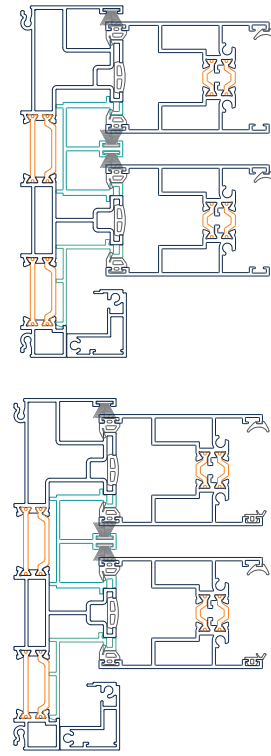


Galandage 2 folhas Eleváveis ou de Correr, 1 para cada lado

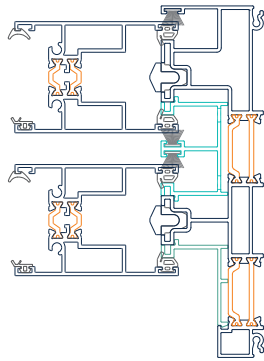


# S.120 - SlimLift

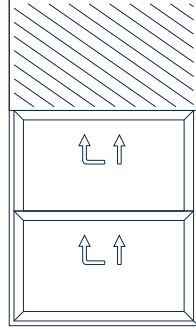
## Pormenores de Galandage bi-rail



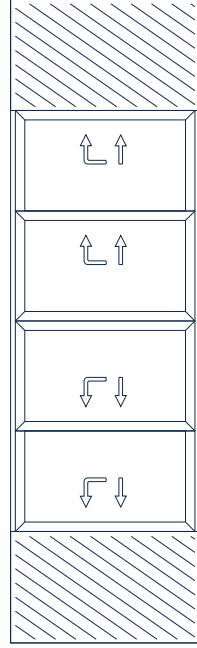
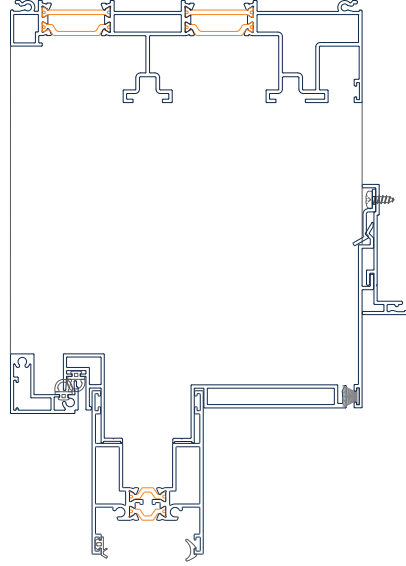
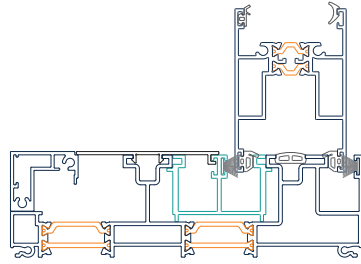
Com Rejingot e Escoadouro



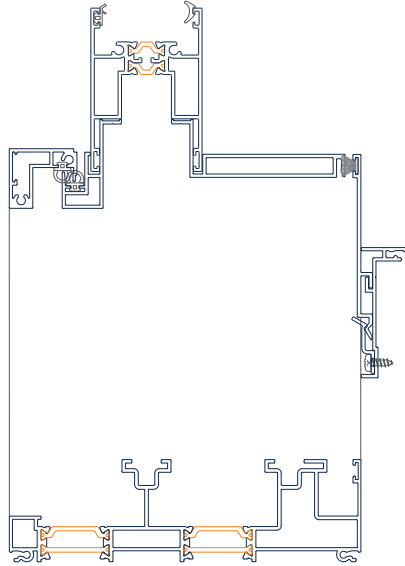
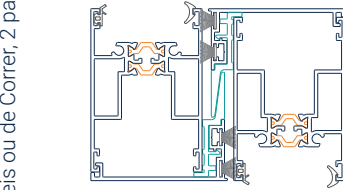
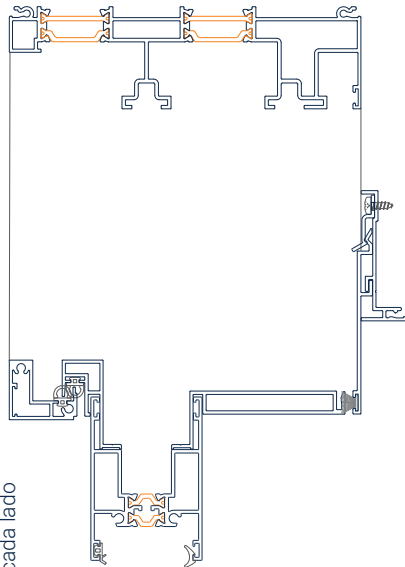
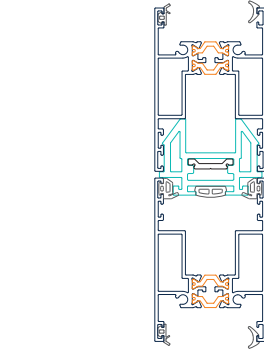
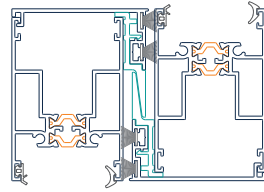
Sem Rejingot



Galandage 2 folhas Eleváveis ou de Correr para o mesmo lado



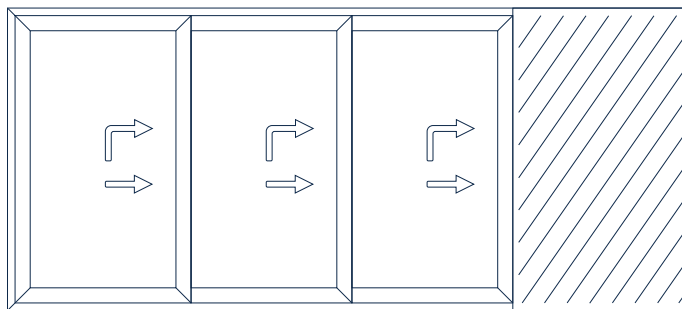
Galandage 4 folhas Eleváveis ou de Correr, 2 para cada lado



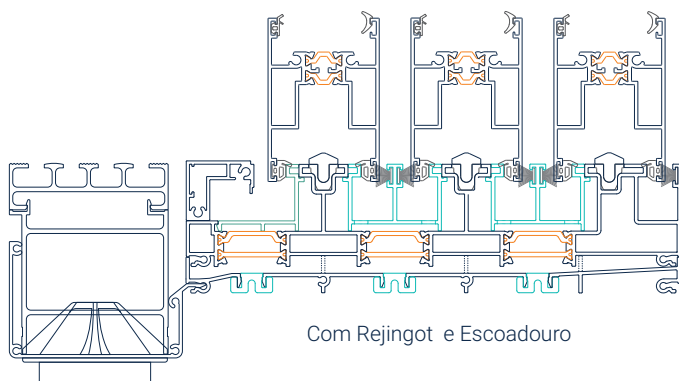
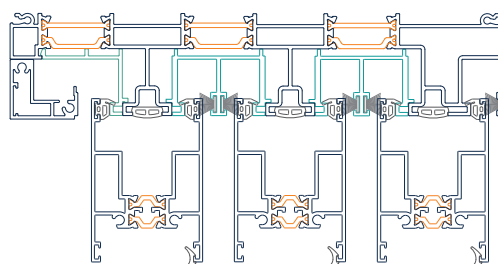
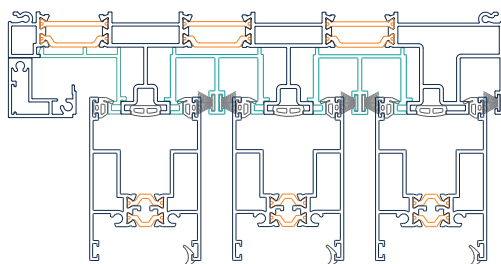
# S.120 - SlimLift



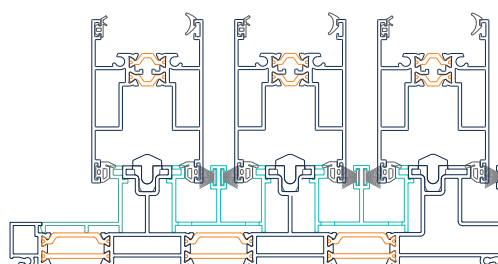
## Pormenores de Galandage tri-rail



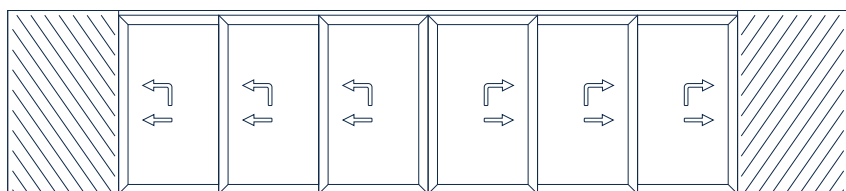
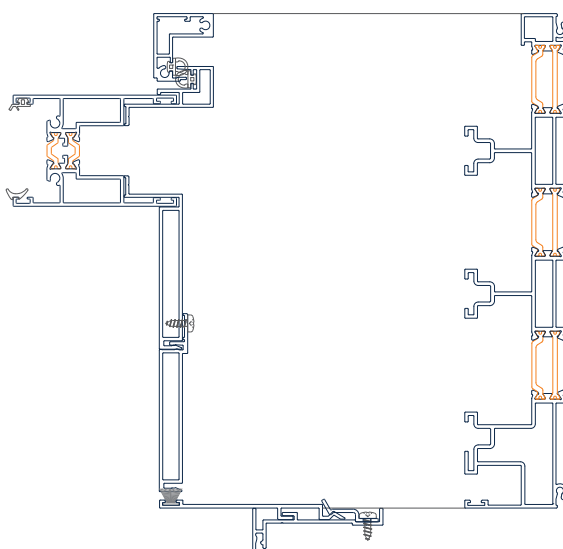
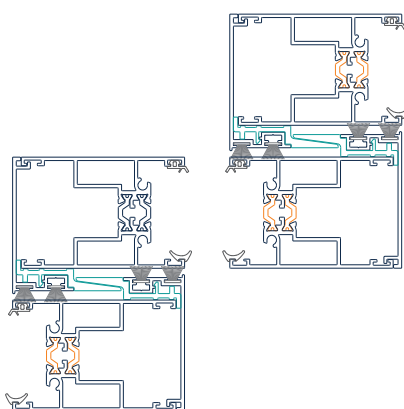
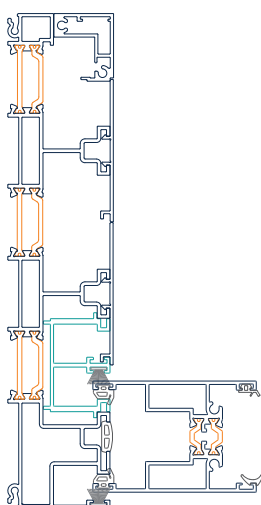
Galandage de 3 folhas Eleváveis ou de Correr para o mesmo lado



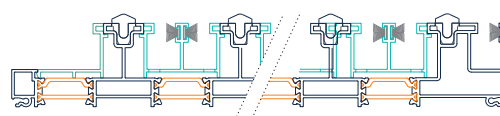
Com Rejingot e Escotado



Sem Rejingot



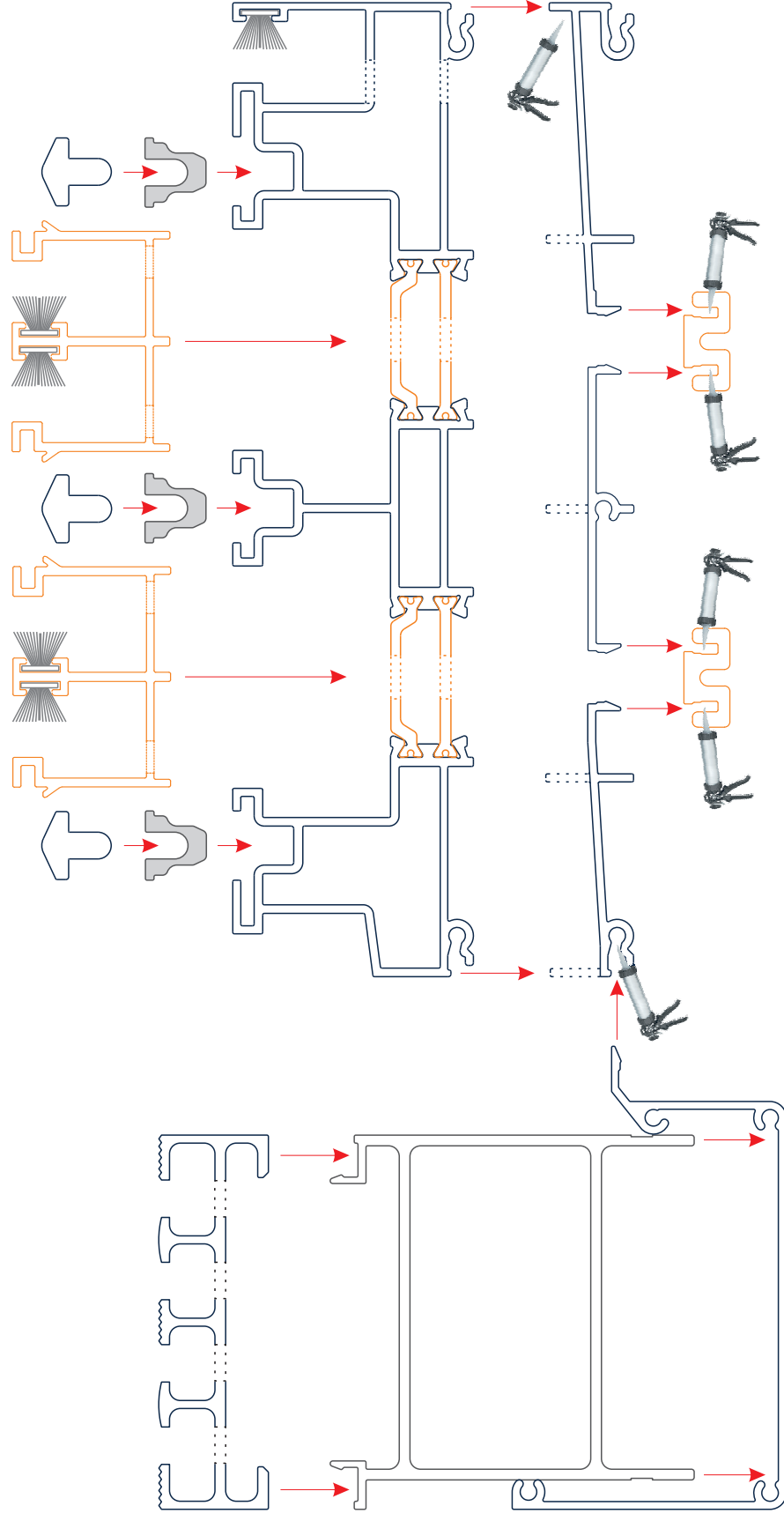
Galandage de 6 folhas Eleváveis ou de Correr, 3 para cada lado



Possibilidade multi-rail para n folhas

# S.120 - SlimLift

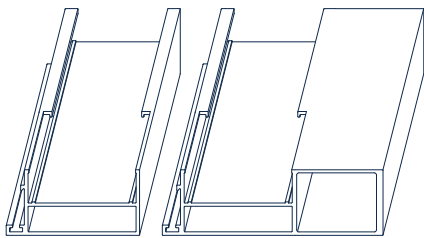
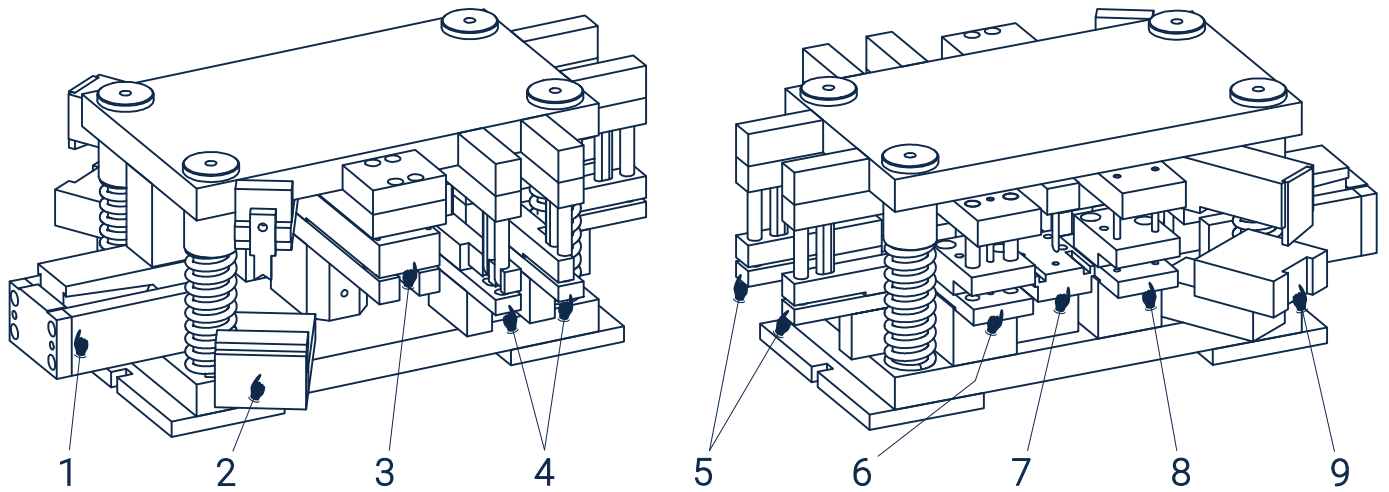
Montagen da soleira com rejingot e escoador



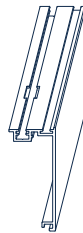
# S.120 - SlimLift



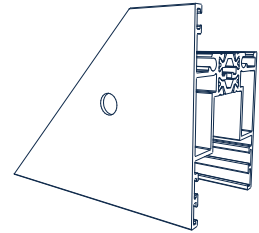
## Operações de Cunho



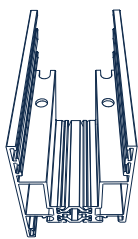
1) - Entalhe dos centrais  
S.120.300 e S.120.310



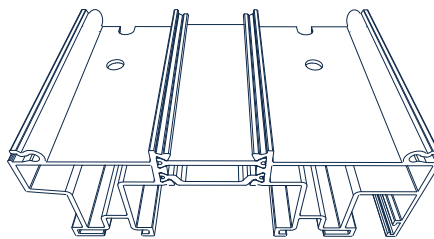
2) - Escariador cabeça do parafuso  
de aperto do S.120.201



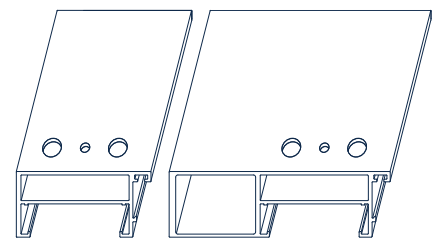
3) - Furos do batente limit. abertura



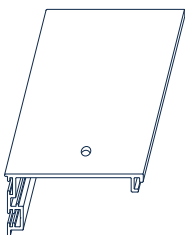
4) - Esquadros do aro móvel



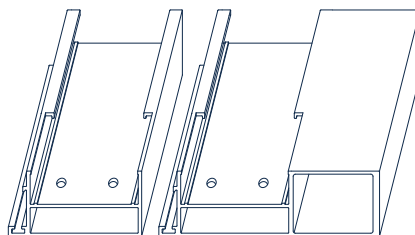
5) - Esquadros aro fixo



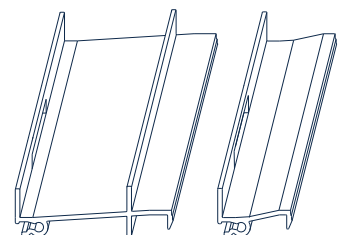
6) - Furos exteriores aperto  
S.120.300 e S.120.310



7) - Furo do guia  
S.120.201



8) - Furos interiores aperto  
S.120.300 e S.120.310



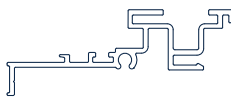

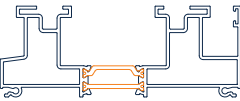

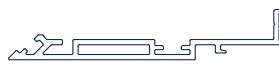

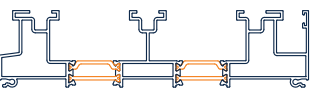



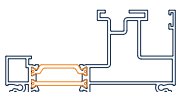
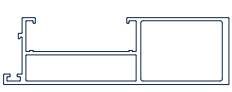

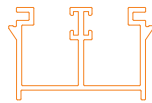
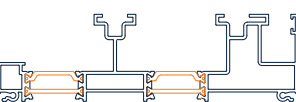


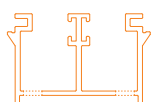
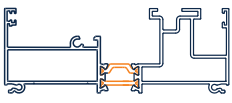



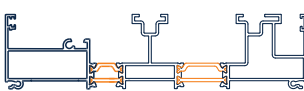
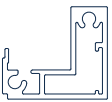

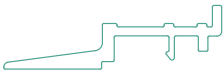
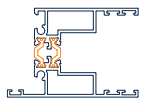


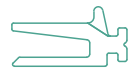




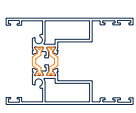
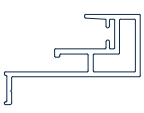

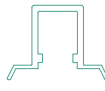
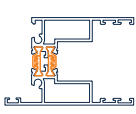



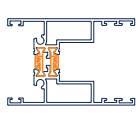




9) - Goteira do rejingot  
S.120.431 e S.120.435

# S.120 - SlimLift



## Resumo Perfis

<p>S.120.100 Alumínio AC.00-Nat</p> 	<p>S.120.232 Alumínio à Cor</p> <p>S.120.237 Alumínio à Cor</p> 	<p>S.120.421 Alumínio à Cor</p> 	<p>Y.0020 Alumínio AC.00-Nat</p> 
<p>S.120.102 Alumínio à Cor</p> 	<p>S.120.241 Alumínio à Cor</p> 	<p>S.120.422 Alumínio à Cor</p> 	<p>Y.0301 Alumínio AC.00-Nat</p> 
<p>S.120.103 Alumínio à Cor</p> 	<p>S.120.300 Alumínio à Cor</p> 	<p>S.120.423 Alumínio à Cor</p> 	<p>Y.0302 Alumínio AC.00-Nat</p> 
<p>S.120.111 Alumínio à Cor</p> 	<p>S.120.310 Alumínio à Cor</p> 	<p>S.120.430 Alumínio AC.00-Nat</p> 	<p>S.120.910 Poliamida</p> 
<p>S.120.112 Alumínio à Cor</p> 	<p>S.120.320 Alumínio à Cor</p> 	<p>S.120.431 Alumínio à Cor</p> 	<p>S.120.911 Poliamida c/ drenagem</p> 
<p>S.120.121 Alumínio à Cor</p> 	<p>S.120.332 Alumínio à Cor</p> <p>S.120.337 Alumínio à Cor</p> 	<p>S.120.432 Alumínio AC.00-Nat</p> 	<p>S.120.912 Poliamida</p> 
<p>S.120.122 Alumínio à Cor</p> 	<p>S.120.411 Alumínio à Cor</p> 	<p>S.120.433 Alumínio AC.00-Nat</p> 	<p>S.120.920 PVC</p> 
<p>S.120.200 Alumínio à Cor</p> 	<p>S.120.412 Alumínio à Cor</p> 	<p>S.120.435 Alumínio à Cor</p> 	<p>S.120.921 PVC</p> 
<p>S.120.201 Alumínio à Cor</p> 	<p>S.120.413 Alumínio à Cor</p> 	<p>S.120.501 Alumínio à Cor</p> 	<p>S.120.922 PVC</p> 
<p>S.120.210 Alumínio à Cor</p> 	<p>S.120.414 Alumínio à Cor</p> 	<p>S.120.502 Alumínio à Cor</p> 	<p>S.120.923 PVC</p> 
<p>S.120.220 Alumínio à Cor</p> 	<p>S.120.415 Alumínio à Cor</p> 	<p>S.120.503 Alumínio à Cor</p> 	<p>S.120.930 PVC</p> 
<p>S.120.230 Alumínio à Cor</p> 	<p>S.120.416 Alumínio à Cor</p> 	<p>S.120.504 Alumínio à Cor</p> 	<p>S.120.940 PVC</p> 