



*Hard***Door**

A.055

*batente 55mm com e sem rotura térmica
para portas de uso intensivo*

LOU / ALU

Tipologia de abertura

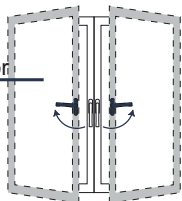
A.055

SISTEMA DE PORTAS

Portas pedonais. Utilização severa

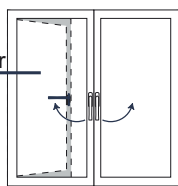
Batente interior

máx. 160 Kg
POR FOLHA



Batente exterior

máx. 160 Kg
POR FOLHA



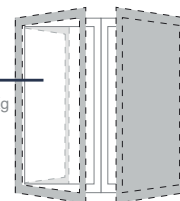
Pivotante

máx. 250 Kg
POR FOLHA



Vaivém

máx. 120 Kg
POR FOLHA



Solução testada por organismo certificado para uma utilização severa:
1 000 000 ciclos de abertura.

Soleira lisa para uma melhor acessibilidade a deficientes motores
(compatível com os restantes sistemas Extrusal)

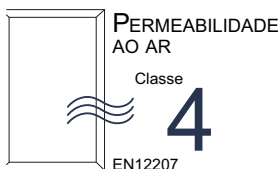


Altura = [1900 ; 3000] mm
Largura = [600 ; 1200] mm

Espessura do vidro
10 - 12mm (vidro simples)

Ensaio do tipo inicial (ITT)

Boletim de ensaio nºHIG 088/2012
Organismo notificado nº 2211



Dimensão: 1800mm x 2200mm(*)

Coefficiente de transmissão térmica

Valor declarado de referência



Dimensão: 1200mm x 3000mm

Vidro Ug	Janela Uw
2.8 W/m² K⁻¹	3.1 W/m² K⁻¹
1.6 W/m² K⁻¹	2.3 W/m² K⁻¹

Nota: Valor variável de acordo com a tipologia construtiva e composição do vidro.

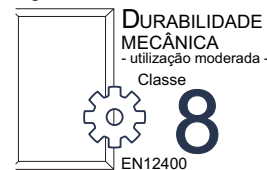
Desempenho acústico

Informação de cálculo nº 12_00862
Organismo notificado nº 1292



Vidro Rw (C;Ctr)	Janela Rw (C;Ctr)	
	Área ≤ 3.6 m²	Área > 4.6 m²
33(-1;-2) dB	32(-1;-2) dB	29(-1;-2) dB
34(-1;-3) dB	33(-1;-3) dB	30(-1;-3) dB
35(-1;-4) dB	34(-1;-4) dB	31(-1;-4) dB

Boletim de ensaio nºHIG 414/12
Organismo notificado nº 2211



Dimensão: 2400mm x 3000mm(**)

(**)Porta de abrir composta por duas folhas giratórias de abertura para o interior.

Sistema de etiquetagem energética de produtos

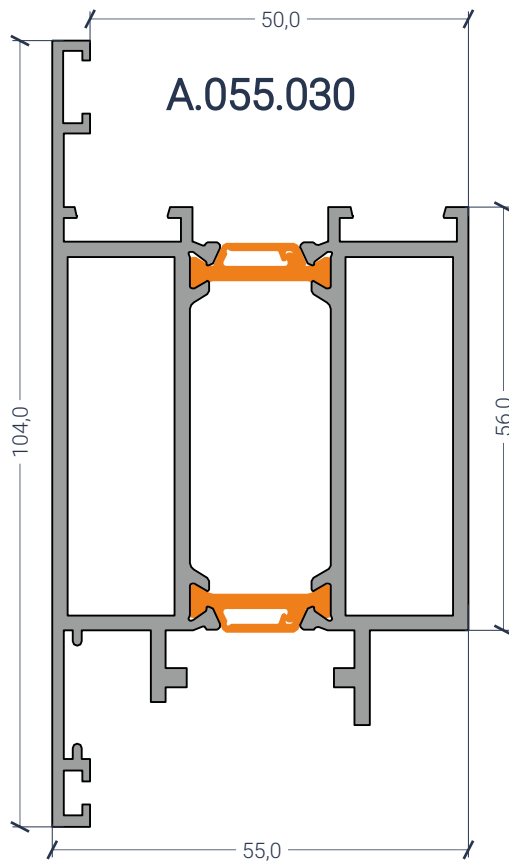
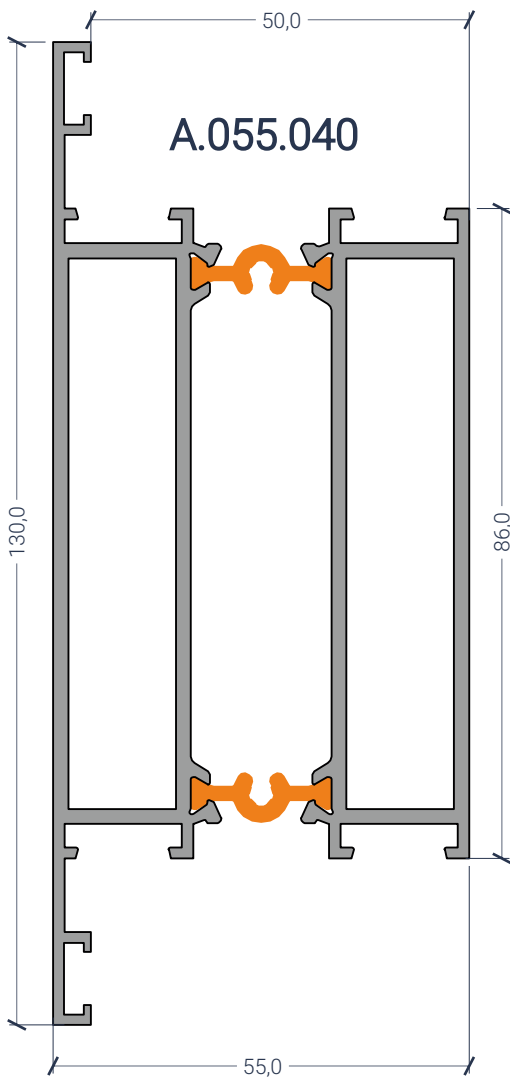
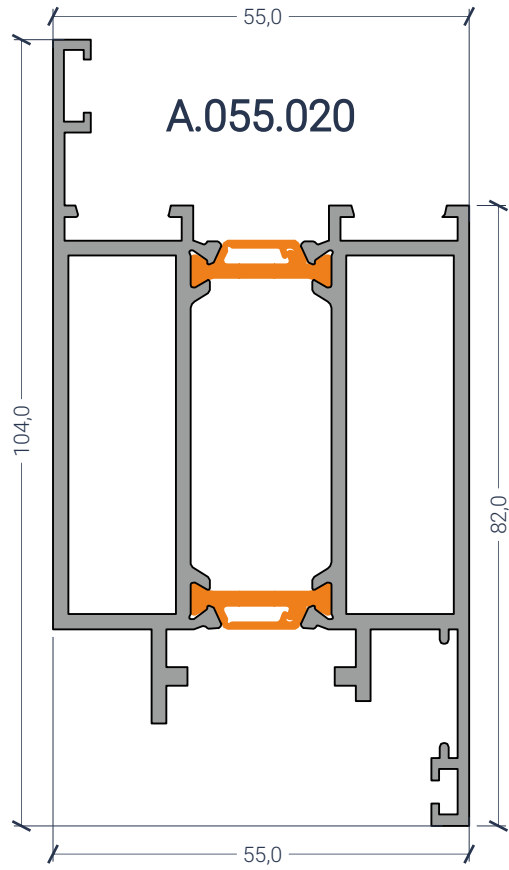
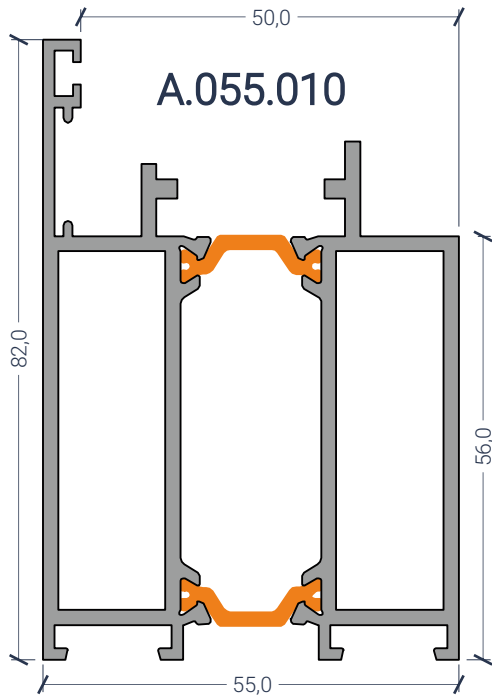
CLASS⁺

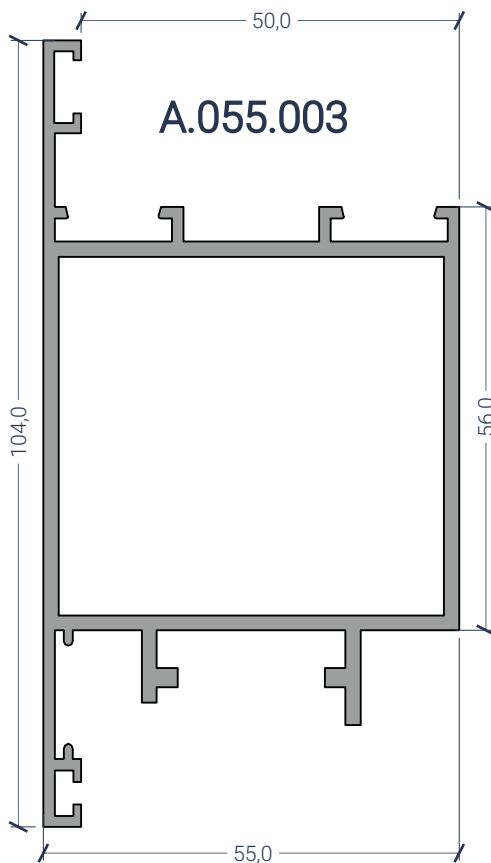
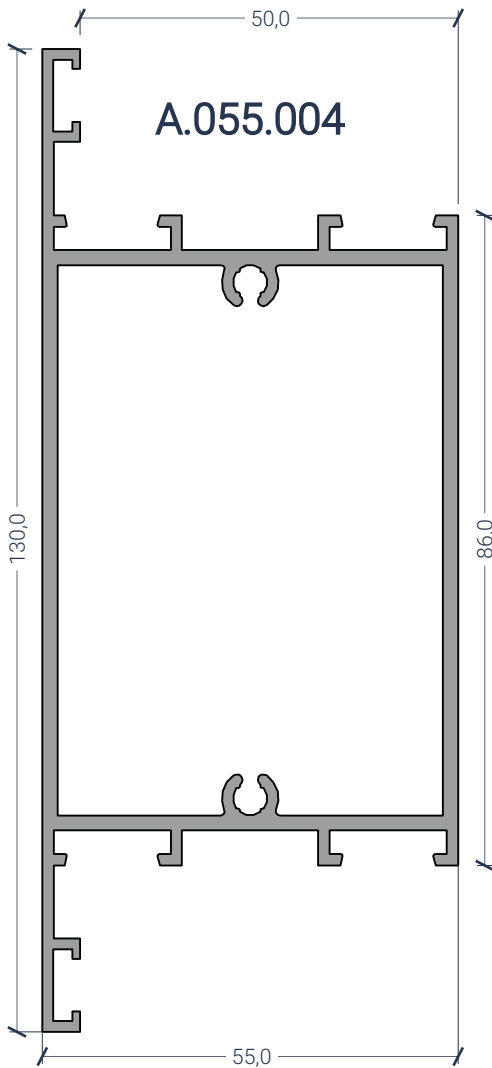
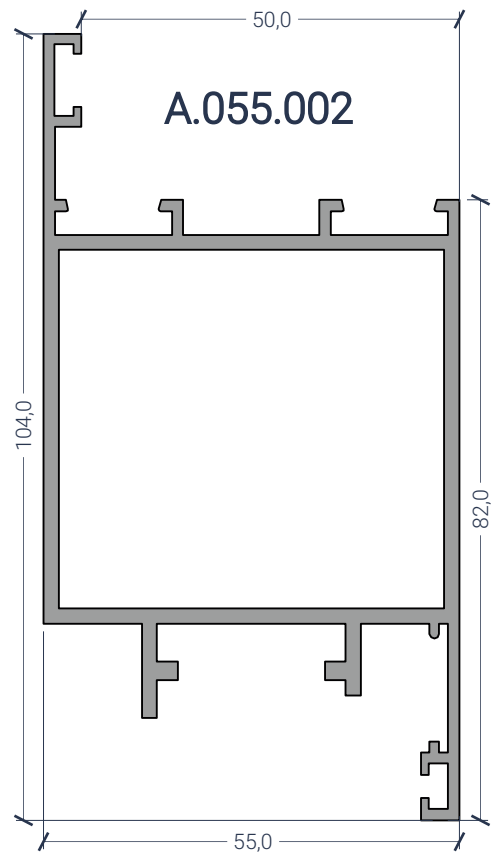
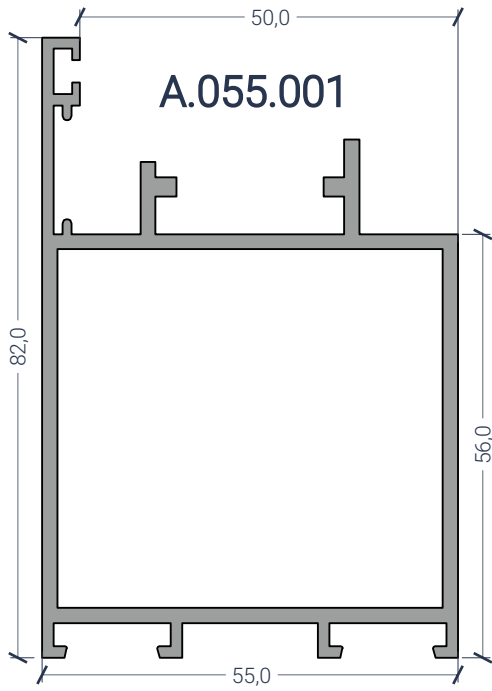


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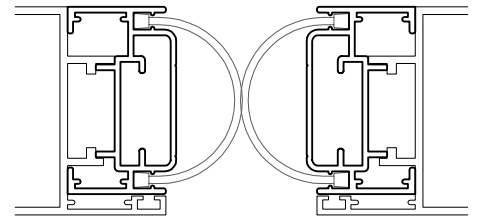
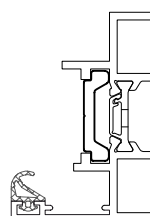
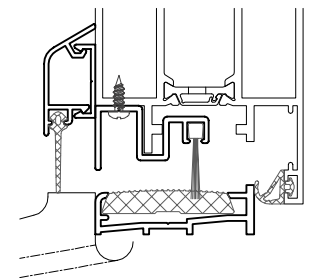
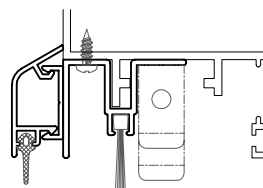
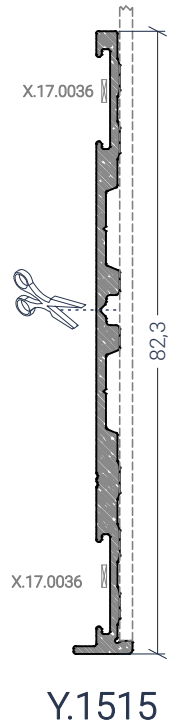
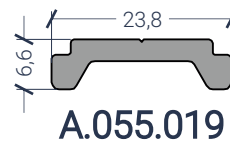
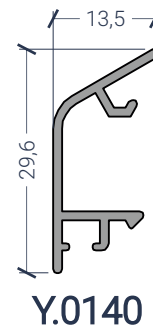
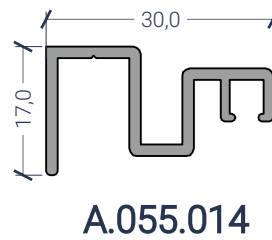
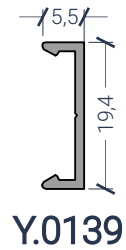
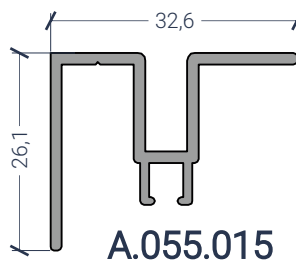
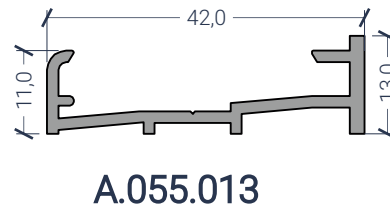
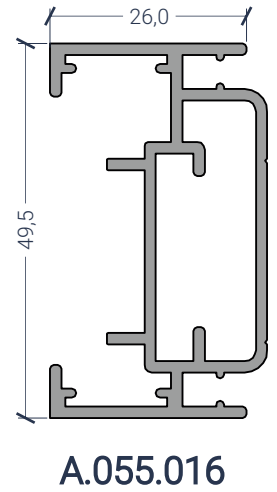
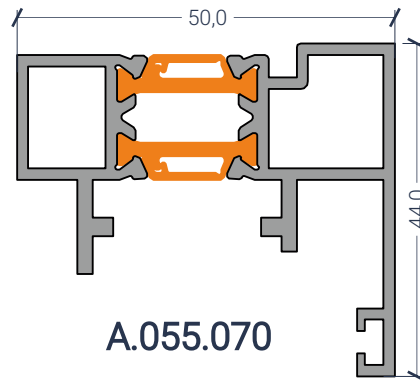
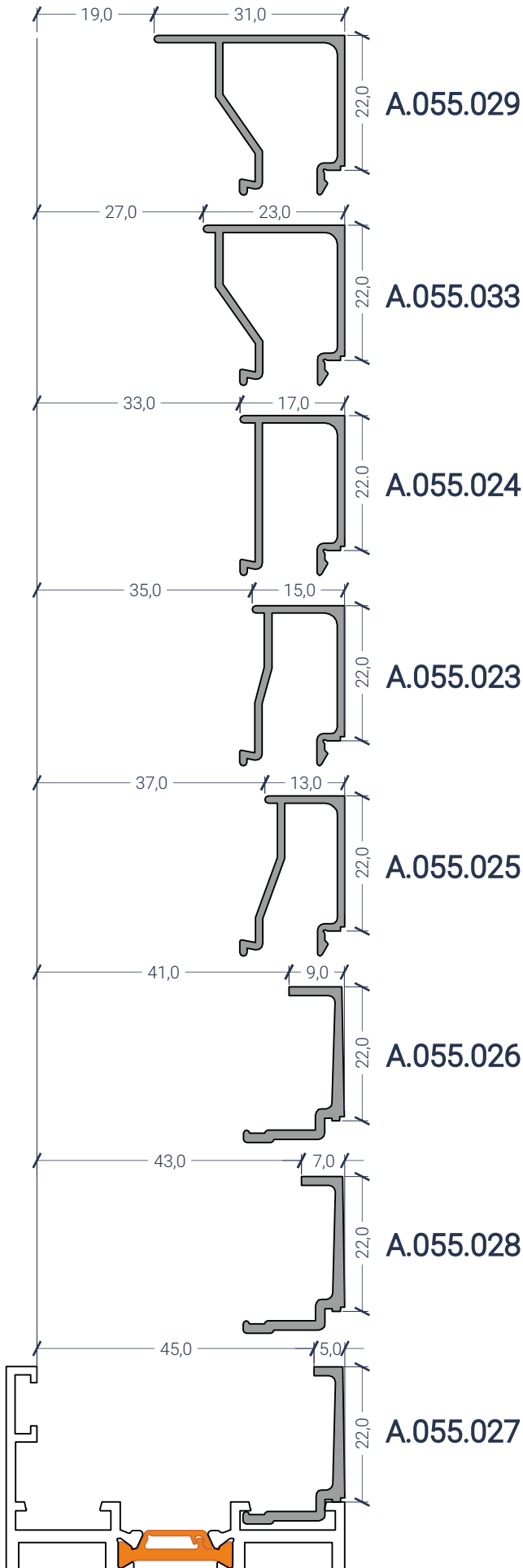
LOUSALU

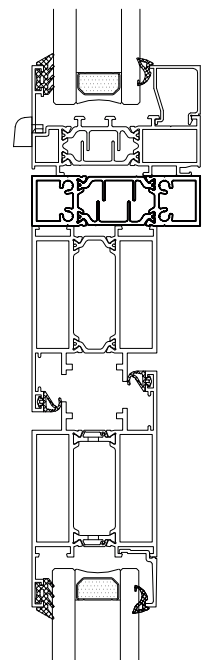
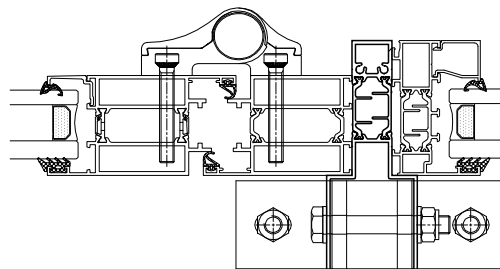
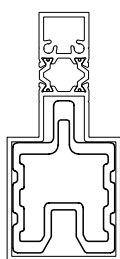
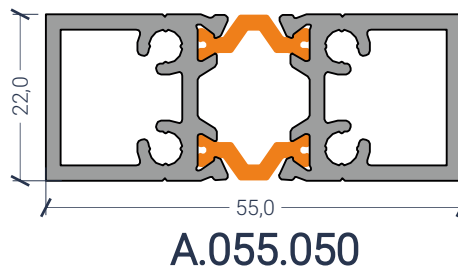
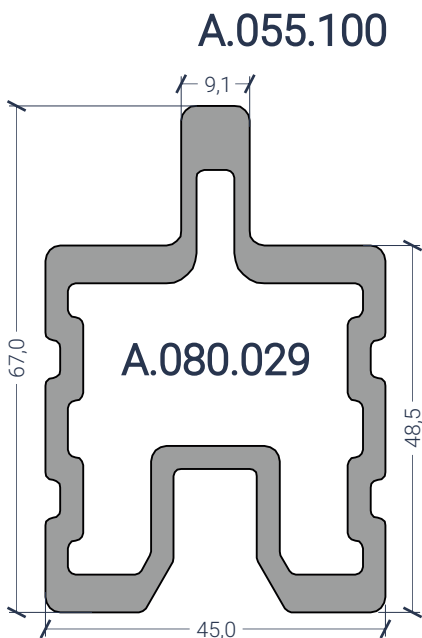
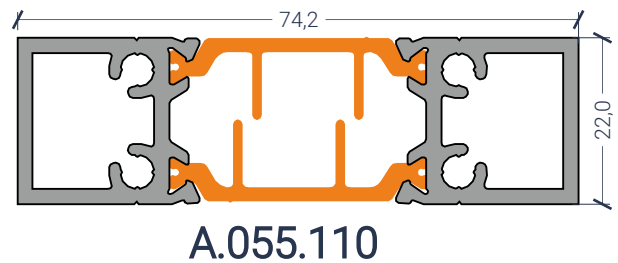
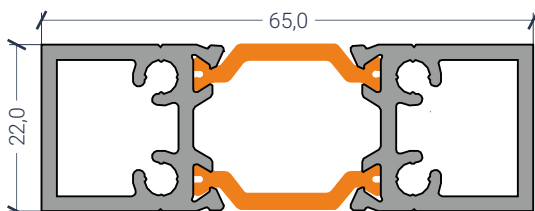
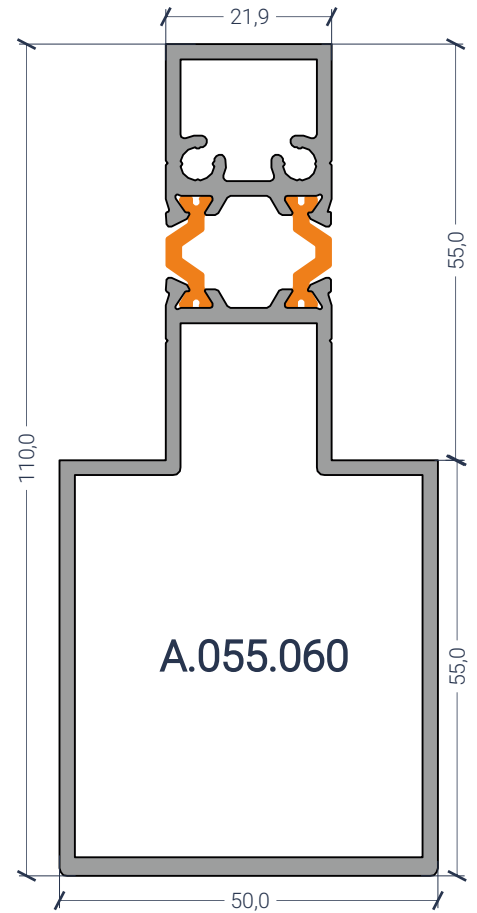
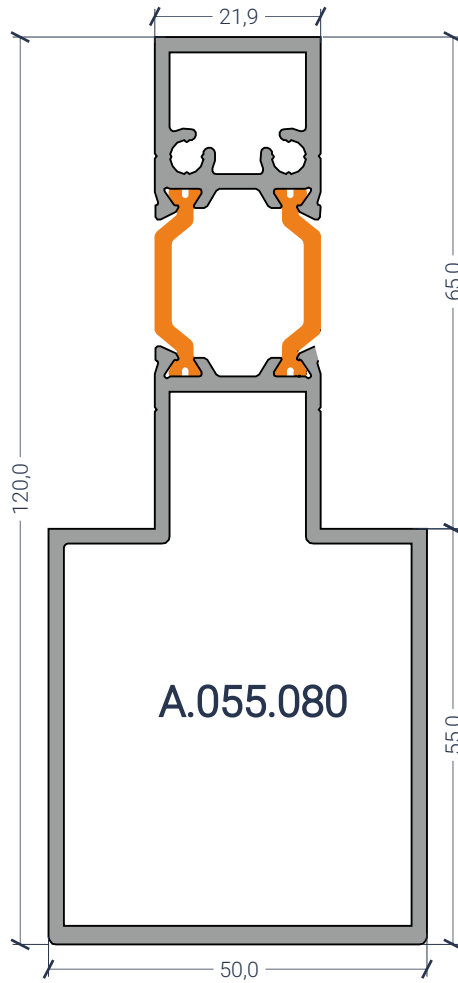
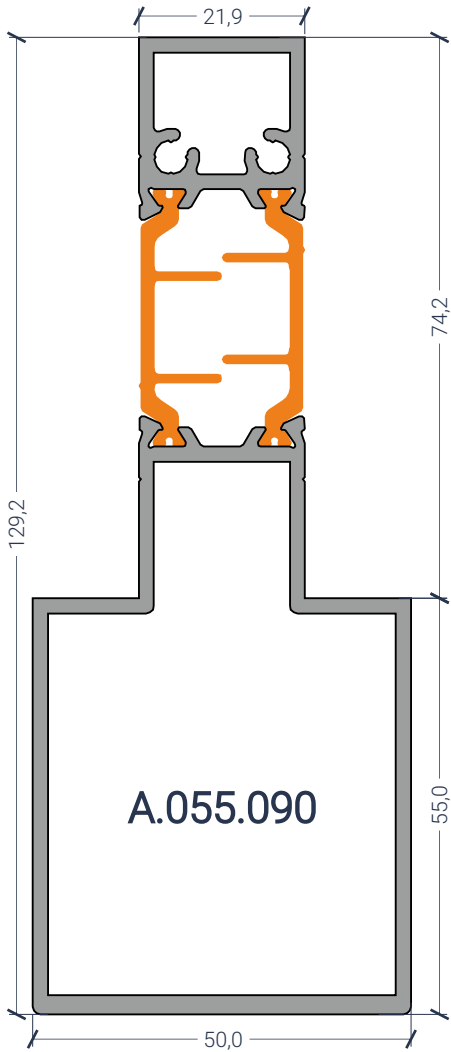
HardDoor



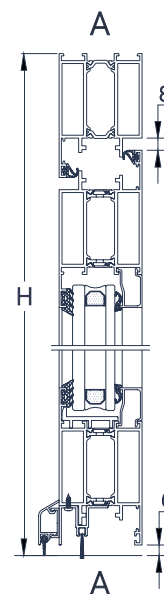
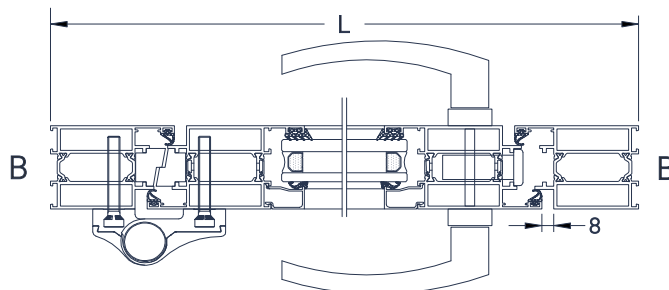
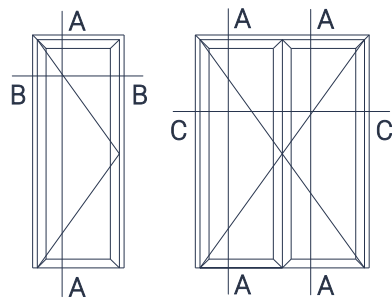


Perfis complementares



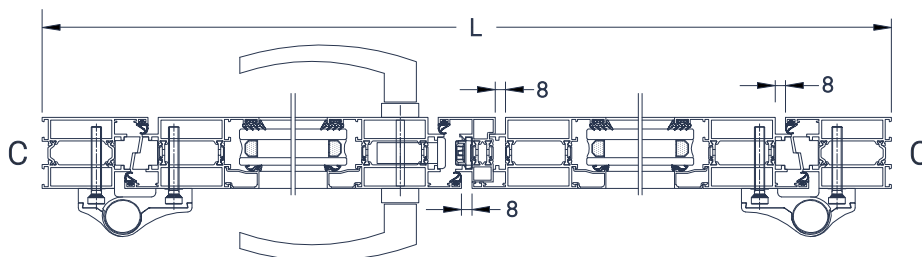


Batente - Abertura interior

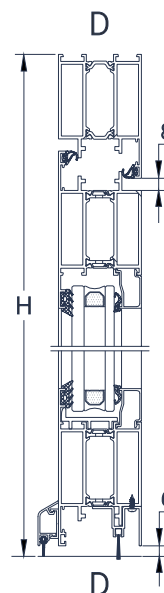
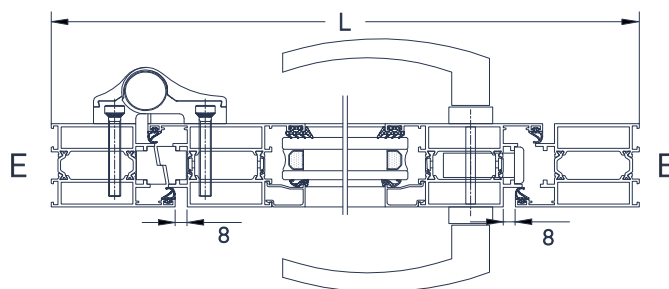
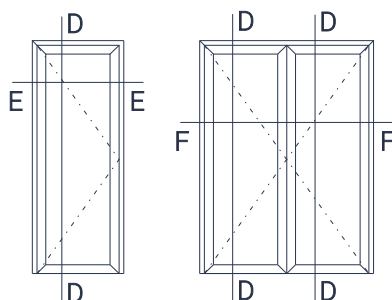


máximo por folha

Altura 3000mm
Largura 1200mm
Peso 160 Kg

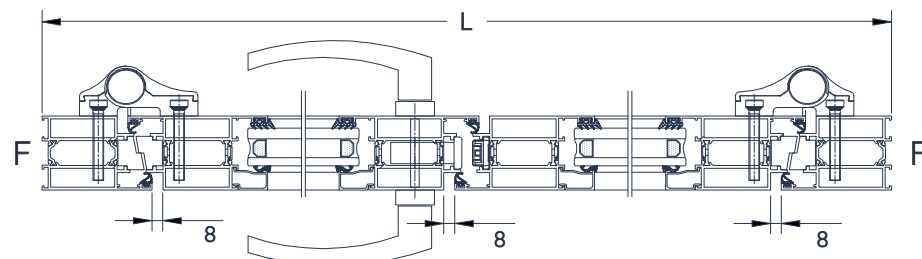


Batente - Abertura exterior



máximo por folha

Altura 3000mm
Largura 1200mm
Peso 160 Kg

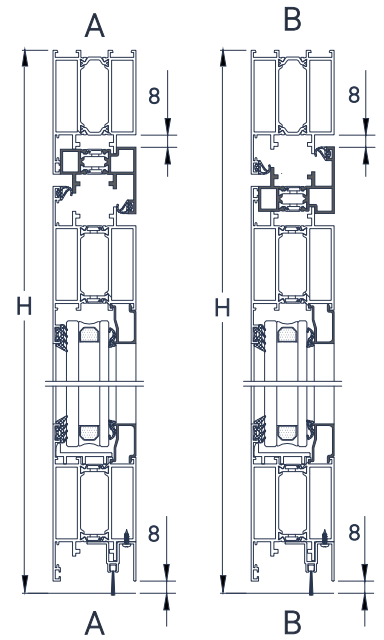
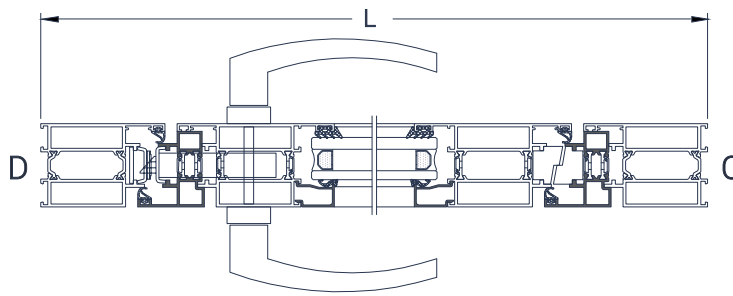
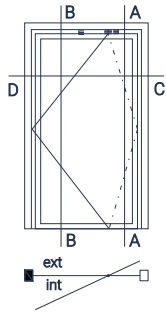
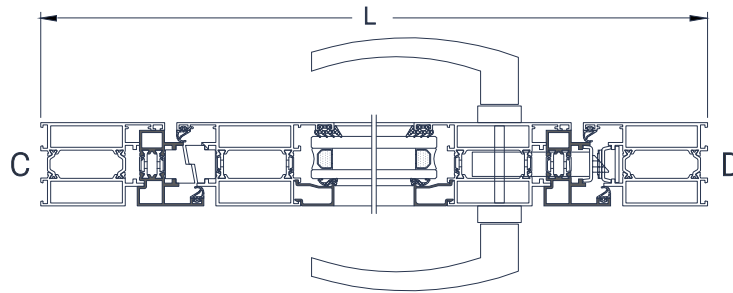
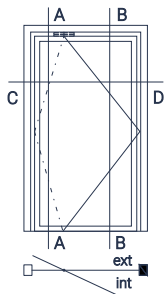


Medidas de Corte			Abertura interior						Abertura exterior					
			1 folha		2 folhas (a)		2 folhas (b)		1 folha		2 folhas (a)		2 folhas (b)	
perfil	referência	corte	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças
	A.055.010		L	1	L	1	L	1	L	1	L	1	L	1
			H	2	H	2	H	2	H	2	H	2	H	2
	A.055.020		L - 128	2	(L - 136) : 2	4	(L - 110) : 2	4						
			H - 70	2	H - 70	4	H - 70	3					H - 70	1
	A.055.030								L - 128	2	(L - 136) : 2	4	(L - 110) : 2	4
							H - 70	1	H - 70	2	H - 70	4	H - 70	3
	A.055.070				H - 98	1					H - 98	1		
	A.055.015		L - 180	1	(L - 240) : 2	2	(L : 2) - 107 (L : 2) - 81	1 1	L - 180	1	(L - 240) : 2	2	(L : 2) - 107 (L : 2) - 81	1 1

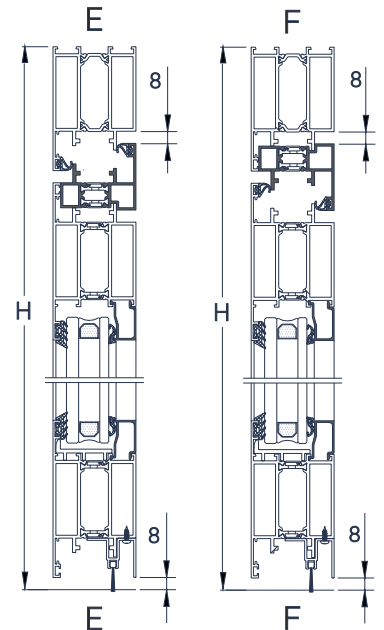
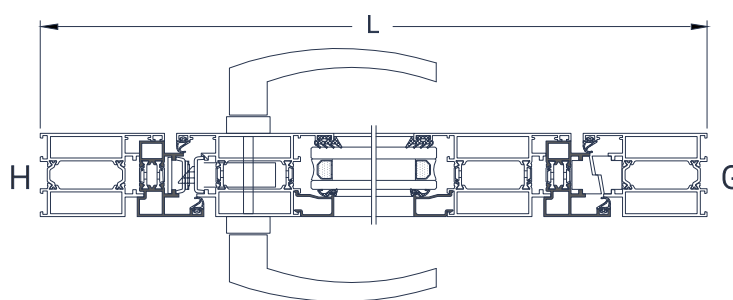
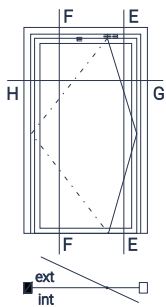
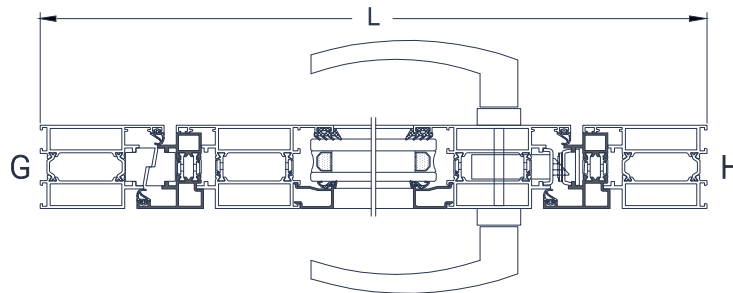
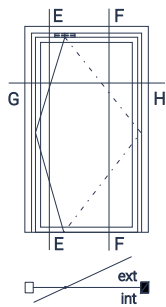
a)- com inversor central A.055.070.

b)- com perfil central de abertura invertida.

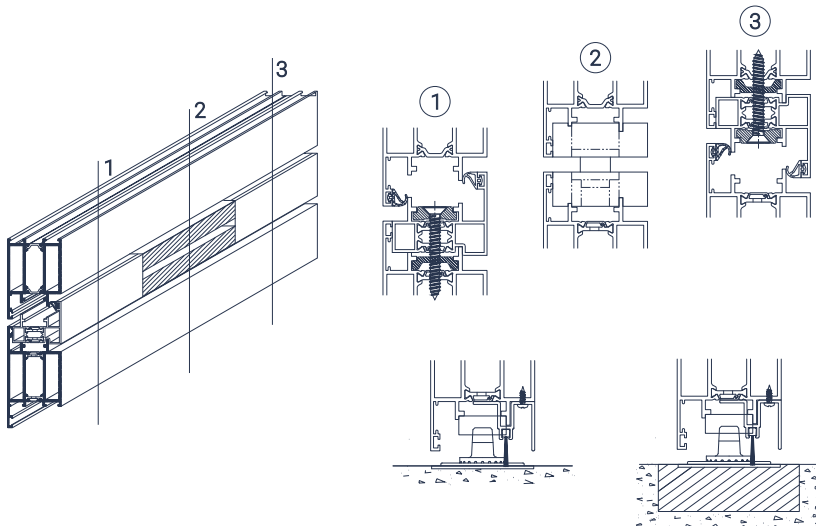
Pivotante - Abertura interior

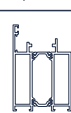


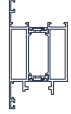









Pivotante - Abertura exterior

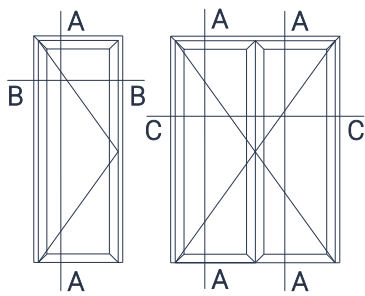


medidas de corte



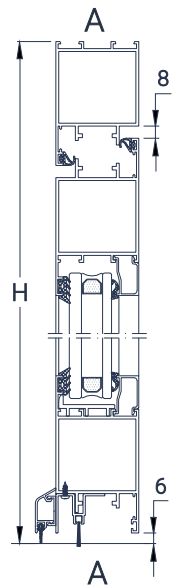
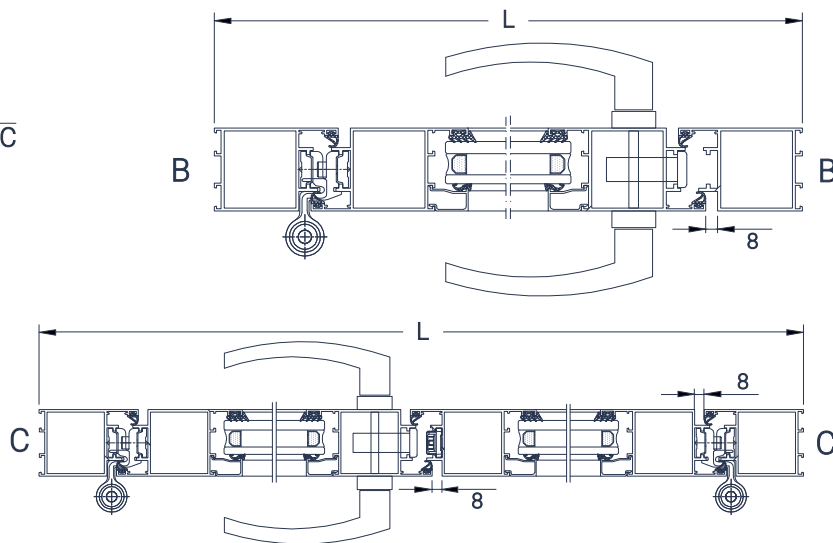
perfil	referência	corte	medida (mm)	peças
	A.055.010		L	1
			H	2
	A.055.030		L - 180	2
			H - 98	2
	A.055.070		L - 128	1
			H - 72	2
	A.055.015		L - 206	1

Abertura interior

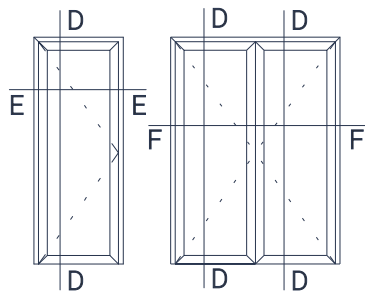


máximo por folha

Altura 2700mm
Largura 1200mm
Peso 120 Kg

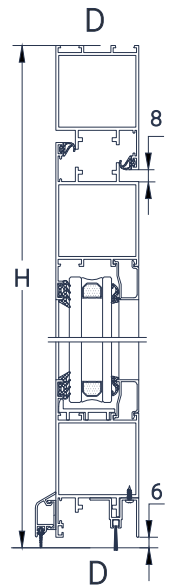
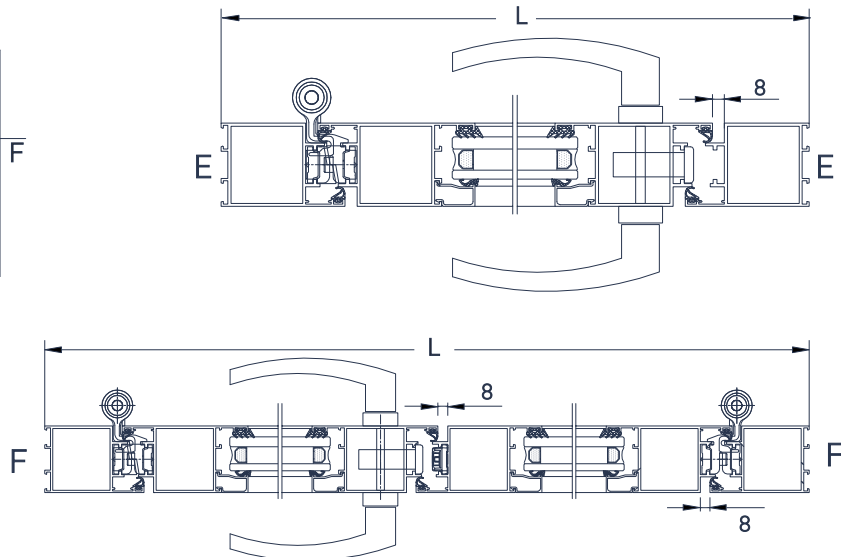


Abertura exterior

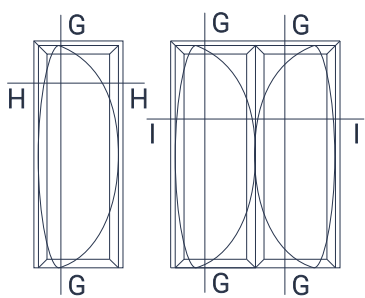


máximo por folha

Altura 2700mm
Largura 1200mm
Peso 120 Kg

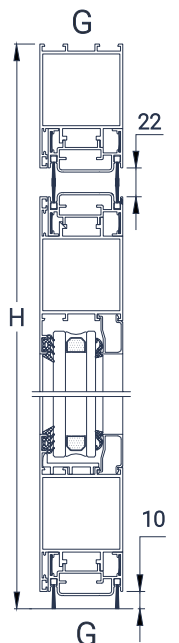
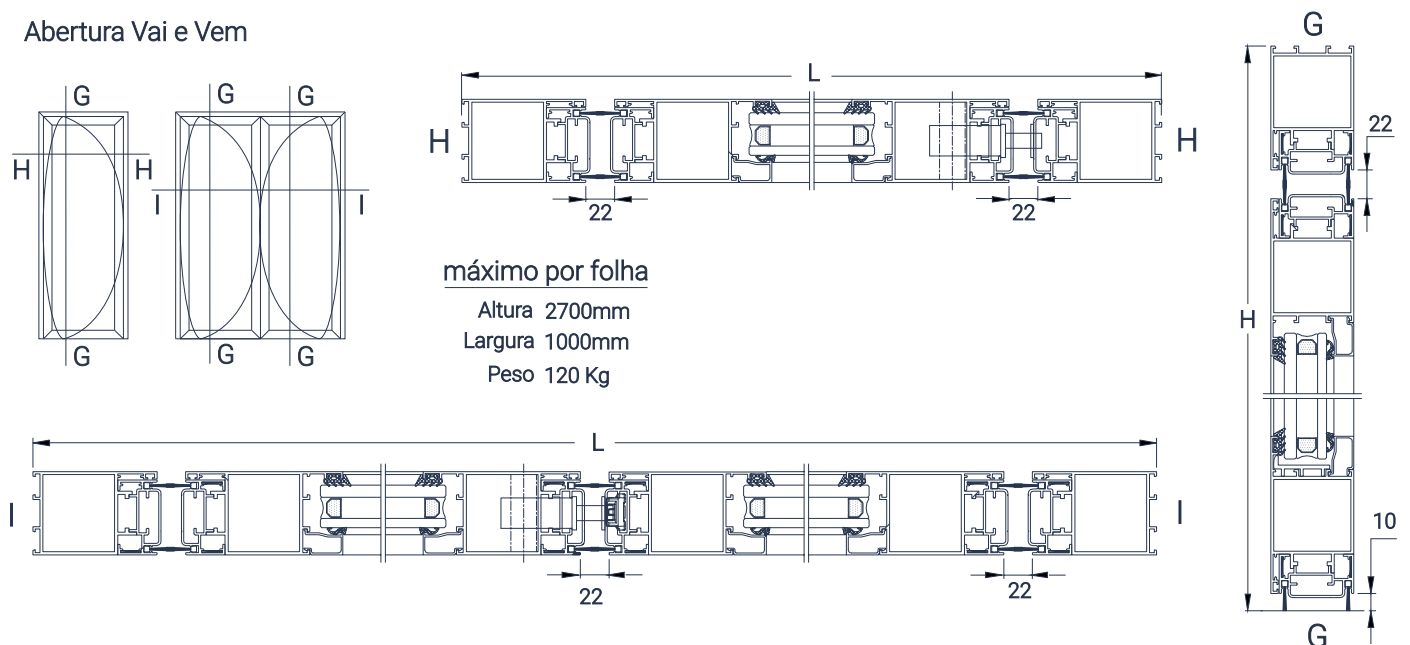


Abertura Vai e Vem

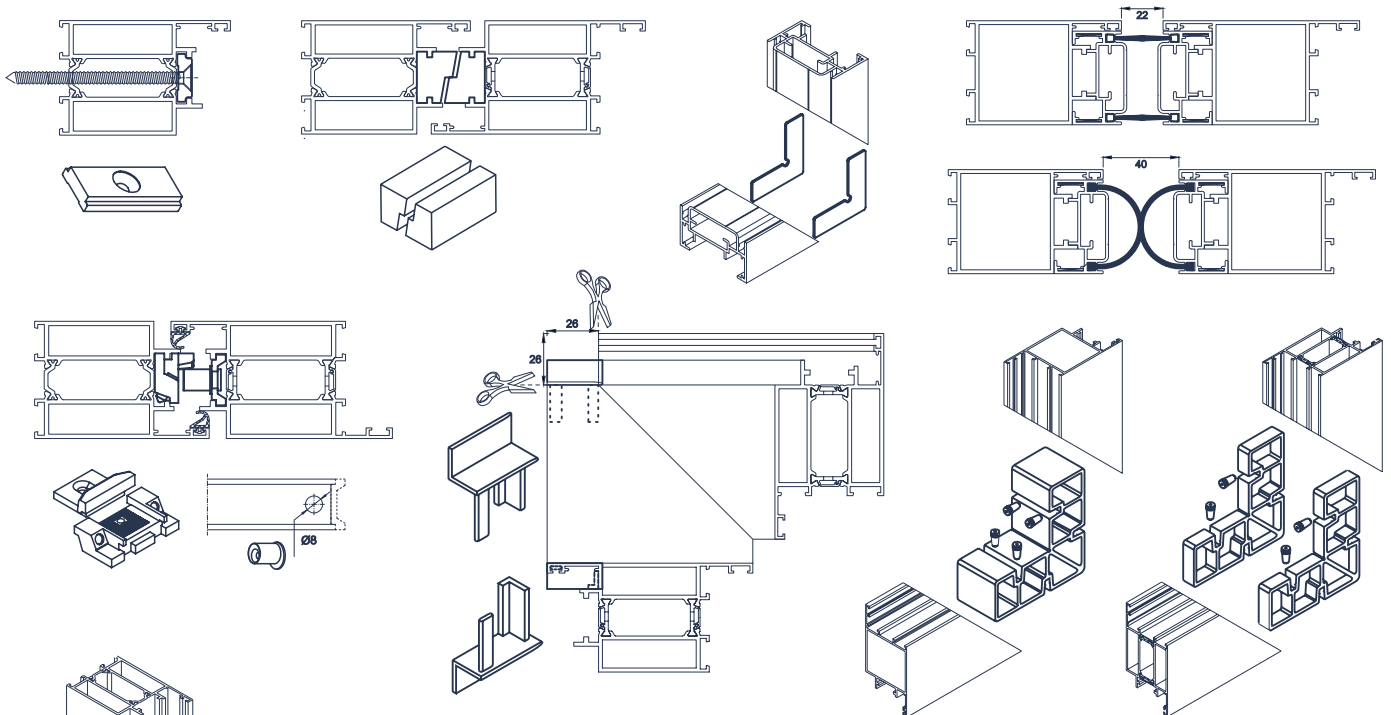


máximo por folha

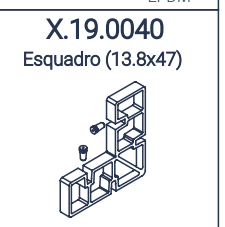
Altura 2700mm
Largura 1000mm
Peso 120 Kg



Medidas de Corte			Abertura interior				Abertura exterior				Vai e Vem			
			1 folha		2 folhas		1 folha		2 folhas		1 folha		2 folhas	
perfil	referência	corte	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças	medida (mm)	peças
	A.055.001		L	1	L	1	L	1	L	1	L	1	L	1
			H	2	H	2	H	2	H	2	H	2	H	2
	A.055.002		L - 128	2	(L - 110) : 2	4								
			H - 70	2	H - 70	3			H - 70	1				
	A.055.003						L - 128	2	(L - 110) : 2	4	L - 208	2	(L - 230) : 2	4
					H-70	1	H - 70	2	H - 70	3	H - 114	2	H - 114	4
	A.055.015		L - 180	1	(L : 2) - 107 (L : 2) - 81	1 1	L - 180	1	(L : 2) - 107 (L : 2) - 81	1 1				
	A.055.018										L - 112	1	L - 112	1
											L - 202	2	(L - 218) : 2	4
											H - 56	2	H - 56	2
											H - 108	2	H - 108	4



<p>X.59.0154 Peça fixação aro fixo</p>	<p>X.17.0084 Esquadro de alinhamento</p> <p>Inox</p>	<p>X.40.0027 Escova para vedação</p> <p>Pcs 2,00 mts</p>	<p>X.46.0072 Vedante vaivém</p> <p>EPDM</p>		
<p>X.59.0157 Calço de soleira (par)</p>	<p>X.33.0120 Ponto de fecho c/afinação</p>	<p>X.59.0155 Vedação infer. aro fixo</p>	<p>X.50.0135 Conjunto topos p/2ªfolha</p>	<p>X.19.0039 Esquadro (50.5x47)</p>	<p>X.19.0040 Esquadro (13.8x47)</p>



<p>X.42.0040 Vedante de batente</p>  <p>EPDM</p>	<p>X.24.0018 Dobr. Ap. Frontal Loira+</p> 	<p>X.29.0033 Calço p/pivô superior Esquerdo</p>  <p>4x</p>	<p>X.67.0128 Kit Mola pavim. MAB 7705 p/porta de batente Até 170kg</p> 	<p>X.30.0164 Cremon Duplo HERA Q132</p> 	<p>X.54.0013 Fixação para montante</p> 
<p>X.44.0002 Vedante exterior p/vidro</p>  <p>EPDM</p>	<p>X.59.0090 Contra-placas Loira Plus</p> 	<p>X.29.0034 Calço p/pivô superior Direito</p>  <p>4x</p>	<p>X.67.0128 Kit Mola pavim. MAB 7705 p/porta de batente Até 170kg</p> 	<p>X.38.2063 Fechadura de 3 pontos GNS 7715 Alu 35 mm</p> 	<p>X.18.0040 União de travessa G4.727</p> 
<p>X.44.0047 Vedante interior p/vidro</p>  <p>EPDM</p>	<p>X.24.0020 Dobr. Ap. Frontal LoiraTrip</p> 	<p>X.29.0032 Pivô superior <250kg</p> 	<p>X.67.0131 Kit Mola pavim. MAB 7705 p/porta pivotante/vai-vem Até 170kg</p> 	<p>X.38.2063 Fechadura de 3 pontos GNS 7715 Alu 35 mm</p> 	<p>X.50.0133 Topos p/A.055.070</p> 
<p>X.44.0033 Vedante interior p/vidro</p>  <p>EPDM</p>	<p>X.59.0153 Contra-placas Loira trip.</p> 	<p>X.29.0031 Braço inferior p/mola pivô e vai-vem</p> 	<p>X.67.0131 Kit Mola pavim. MAB 7705 p/porta pivotante/vai-vem Até 170kg</p> 	<p>X.38.2064 Fechadura de 3 pontos Iseo Perform 60 mm</p> 	<p>X.50.0035 Topo pingadeira</p> 
<p>X.44.0006 Vedante interior p/vidro</p>  <p>EPDM</p>	<p>X.29.0042 Dobradiça desliz. < 80kg Lacado/anodizado</p> 	<p>X.29.0030 Pivô inferior < 250kg</p> 	<p>X.34.0022 Ponteira</p> 	<p>X.38.2064 Fechadura de 3 pontos Iseo Perform 60 mm</p> 	<p>X.54.0048 Fixador pingadeira Alumínio</p> 
<p>X.46.0002 Vedante p/pingadeira</p>  <p>EPDM</p>	<p>X.20.0078 Dobradiça desliz. <120kg Lacado/anodizado</p> 	<p>X.34.0023 Engate superior p/ 2 fis</p> 	<p>X.32.0050 Fecho 2ªfolha</p> 	<p>X.38.1048 Cilindro Segur. 35x35</p> 	<p>X.59.0156 Calço p/vidro Nylon</p> 
<p>X.46.0016 Vedante remate inferior</p>  <p>EPDM</p>	<p>X.25.0008 Dobradiça vai-vem</p> 	<p>X.33.0125 Engate inferior p/ 2 folhas C/ soleira A.055.013</p> 	<p>X.33.0123 P. fecho inferior p/ 2 fis S/ soleira</p> 	<p>X.67.0108 Seletor de fecho mecânico G9.117 Preto Branco Prata</p> 	
<p>X.17.0071 Esquadro de alinhamento Inox</p> 	<p>X.17.0036 Esq. Alinh. (1x12,7) Inox</p> 				

