



■ Sistemas Inteligentes em Alumínio ■

Empresa

Em contraciclo económico a E+ Perfil, Lda.

iniciou a sua atividade a 1 de abril de 2009.

Com a experiência e perseverança dos profissionais que deram o impulso a este projeto hoje a nossa empresa conta já com 30 profissionais empenhados em encontrar soluções que satisfaçam os nossos clientes, e uma área de 2200 m2 que nos permite aprovisionar o material necessário a um fornecimento rápido e eficiente. Tendo como atividade principal o tratamento e comercialização de alumínios e dos componentes necessários para a realização de todo e qualquer sistema a E+Perfil disponibiliza aos profissionais ligados à área de serralharia um conjunto de soluções completas e avançadas.

Aqui encontrarão uma vasta gama de produtos e serviços que passam não só pelo fornecimento e tratamento de perfis de alumínio como de um serviço personalizado e adaptado a cada situação que nos surge.

“Não vendemos perfis de alumínio, vendemos soluções e acompanhamos os nossos parceiros”



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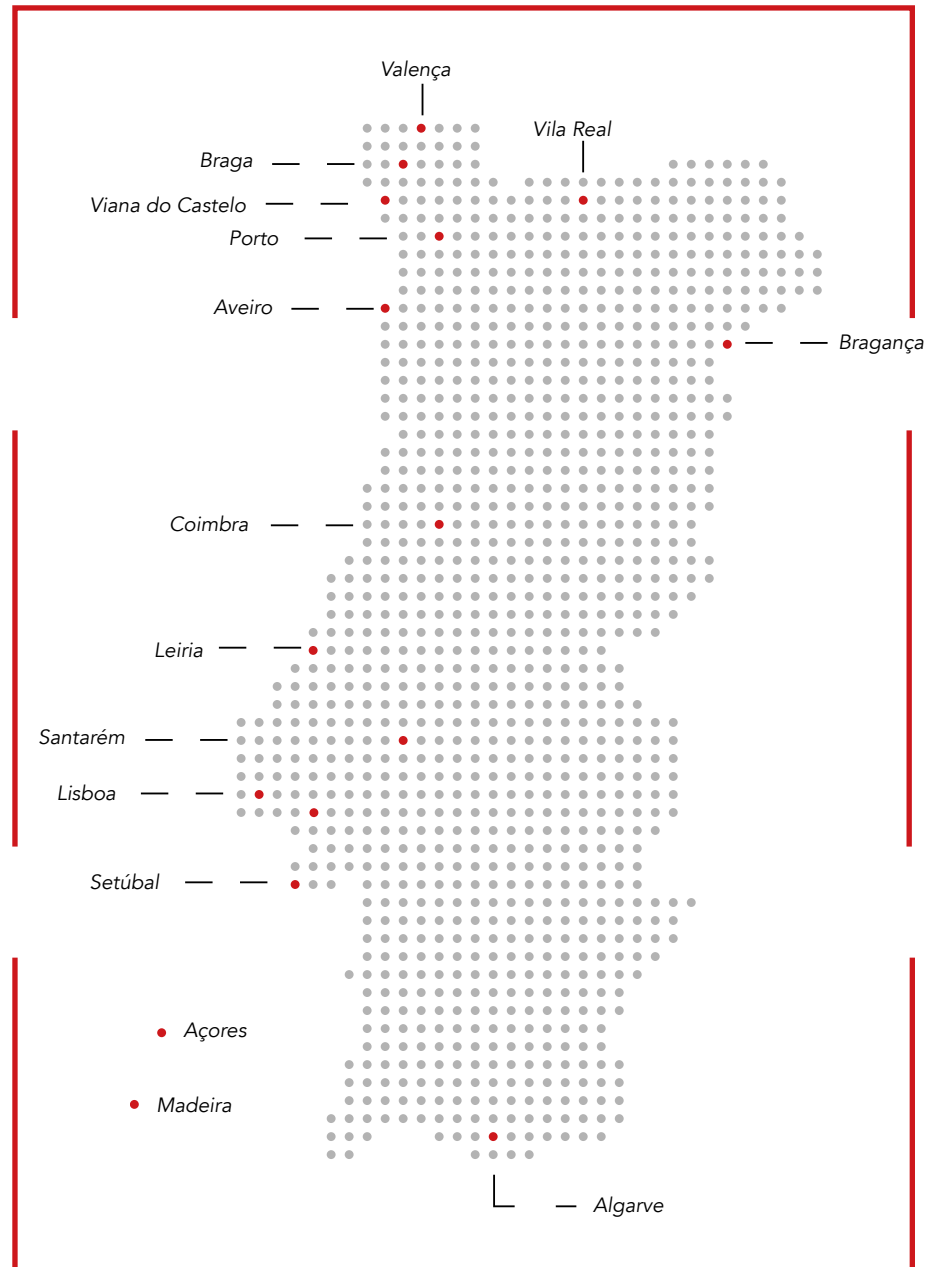


Mercados

Para além do mercado interno a aposta no mercado externo é já uma realidade que se traduz nas parcerias realizadas com alguns clientes que se encontram a trabalhar quase exclusivamente com países como França, Suíça, Bélgica, Angola Argélia e Moçambique. Mas queremos ir mais além para isso continuamos a trabalhar com os nossos parceiros em projetos ambiciosos que passarão as nossas fronteiras.

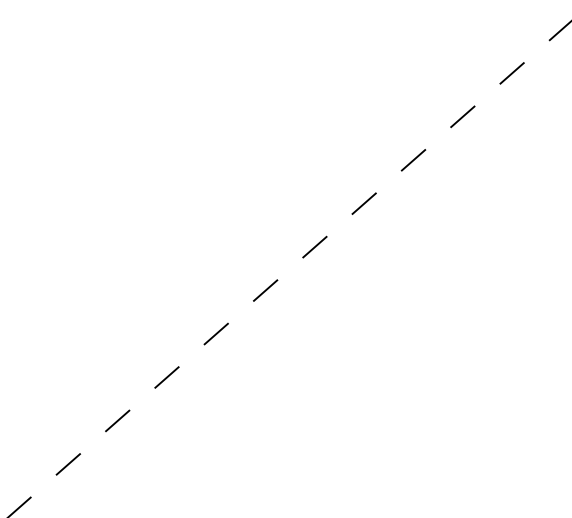


Portugal









Série de Abrir/ Batente

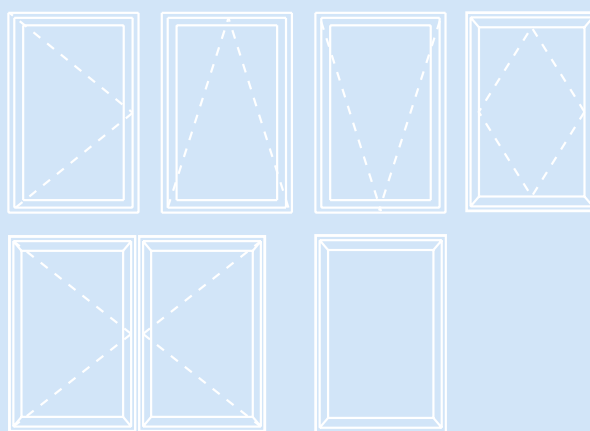
- +A1000 (40mm)
- +E2000 (Câmara Europeia 40mm)
- +E2200 (Câmara Europeia Corte Térmico 45/50mm)
- +E2200X (Câmara Europeia Corte Térmico 55/60mm)
- +A6000 (Câmara Europeia Corte Térmico 60mm)
- +E3600 (Câmara Europeia Corte Térmico 67mm)
- +A8000 (Câmara Europeia Corte Térmico 75mm)
- +E7500 (Câmara Europeia Corte Térmico 77mm)



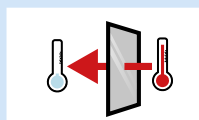


+A1000 (40mm)

Tipologias



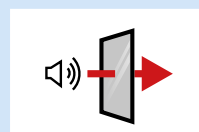
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

2.21 W/m²K

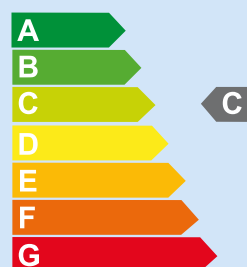
Coeficiente de Atenuação Acústica



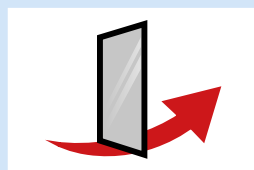
Atenuação Acústica R_w (C,Ctr):

34 (-1)

Sistema de Etiquetagem Energética de Produtos



Desempenho Do Sistema +A1000
com vidro $U_g = 1.000$ W/m²K

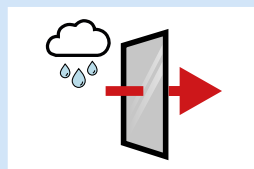


Permeabilidade ao Ar

2

(norma
de ensaio
EN 1026)

Classe

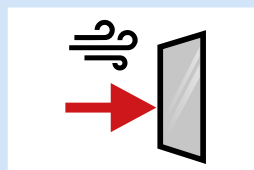


Estanquidade à Água

1A

(norma
de ensaio
EN 1027)

Classe



Resistência ao Vento

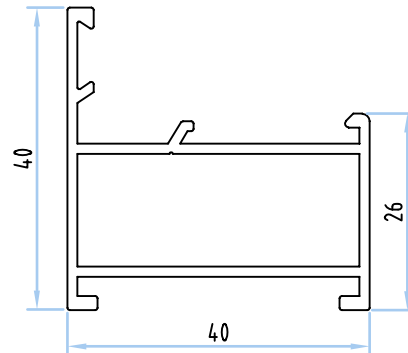
C2

(norma
de ensaio
EN 12211)

Classe

+A1003

Aro Fixo Pequeno
Perímetro: 0,20m



Acessórios



ES.3714.D
ES.3714.M



ES.0421



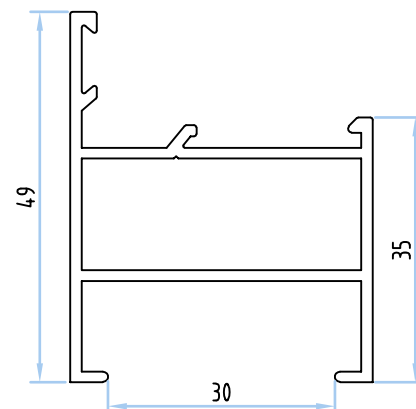
GO.9001



VD.2028.82

+A1141

Aro Fixo Médio
Perímetro: 0,24m



Acessórios



ES.3714.D
ES.3714.M



ES.0421



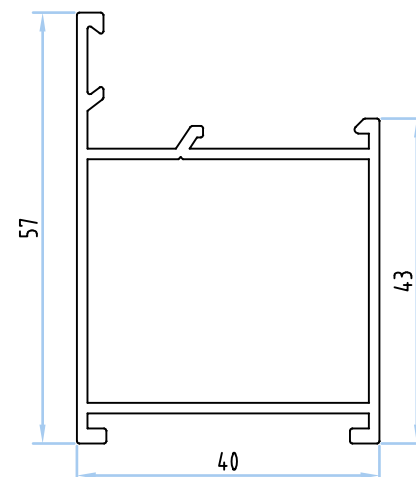
GO.9001



VD.2028.82

+A1008

Aro Fixo Grande
Perímetro: 0,23m



Acessórios



ES.3731.D
ES.3731.M



ES.0406



GO.9001

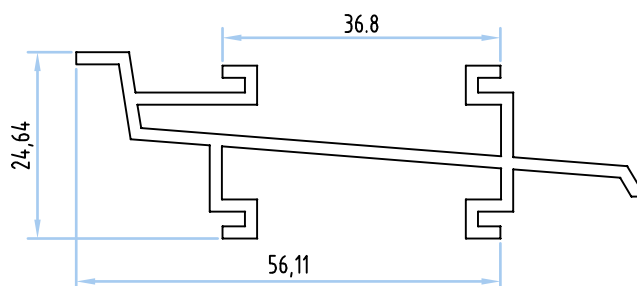


VD.2028.82

Acessórios



G0.9001



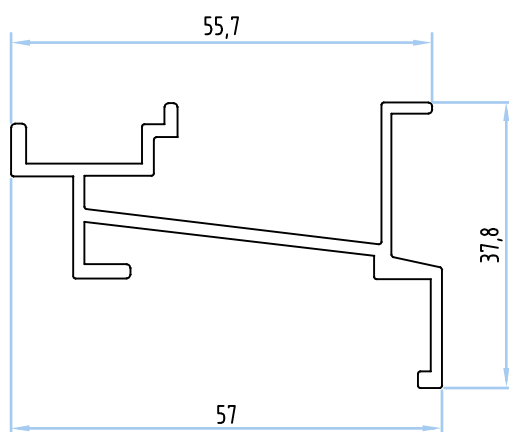
+A1017

Soleira de Condensação
Perímetro: 0,34m

Acessórios



G0.9001

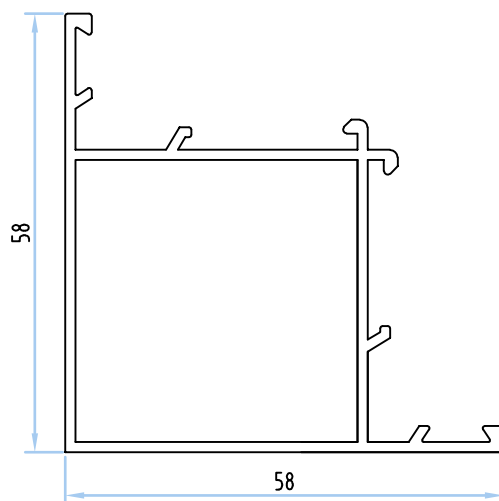


+A1117

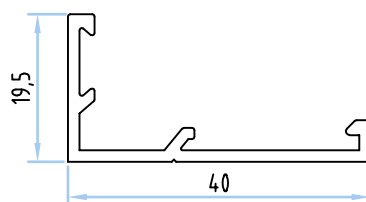
Soleira de Condensação
Perímetro: 0,28m

+A1011

Canto Reto de 90°
Perímetro: 0,28m

**+A1041**

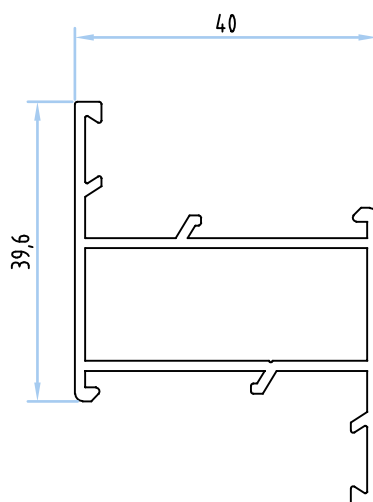
Batente
Perímetro: 0,16m



+A1516 Caixa 26,5	+A1036 Caixa 24	+A1054 Caixa 20	+A1055 Caixa 15	+A1631 Caixa 11	+A1615 Caixa 8
10	12,5	16,5	21,5	25,5	28,5







Acessórios



ES.3714.D
ES.3714.M



DO.6080.A6
DO.6000



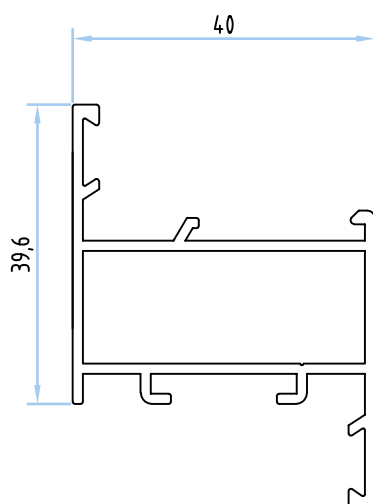
ES.0421



VD.2028.82

+A1038

Aro Móvel Estreito
Perímetro: 0,25m



Acessórios



ES.3714.D
ES.3714.M



DO.6080.A6
DO.6000



ES.0421



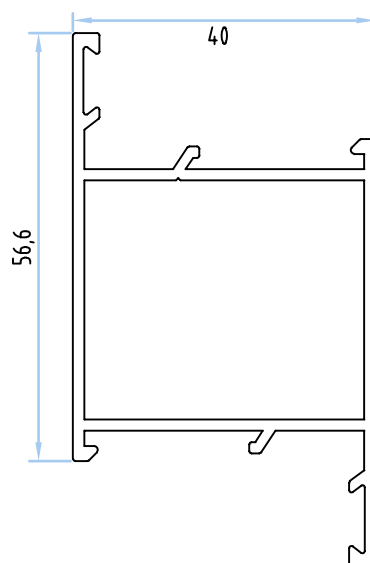
VD.2028.82

+A1002

Aro Móvel Estreito c|Vareta
Perímetro: 0,25m

+A1151

Aro Móvel Largo
Perímetro: 0,29m



Acessórios



ES.3731.D



VD.2028.82



ES.0406

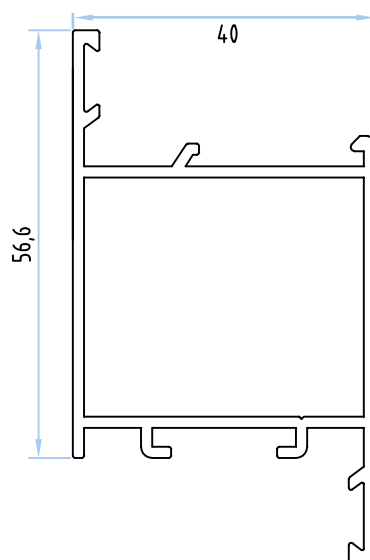


DO.6080.A6

DO.6000

+A1007

Aro Móvel Largo c/Vareta
Perímetro: 0,29m



Acessórios



ES.3731.D



VD.2028.82



ES.0406

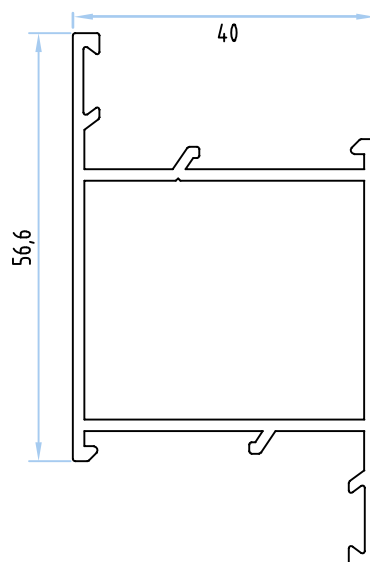


DO.6080.A6

DO.6000

+A1051

Aro Móvel Largo s/Vareta
Perímetro: 0,29m



Acessórios



ES.3731.D



VD.2028.82



ES.0406



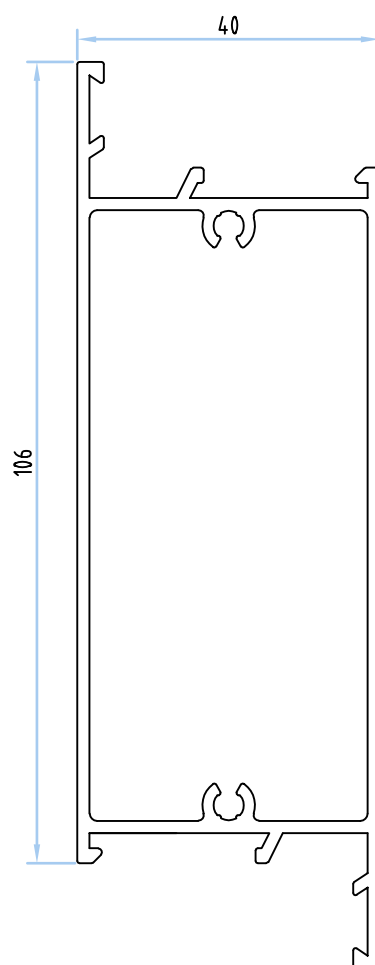
DO.6080.A6

DO.6000

Acessórios

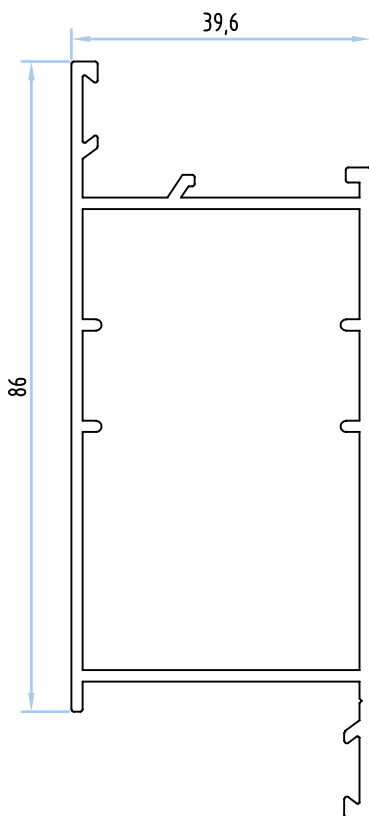


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VD.2010.82

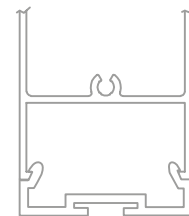
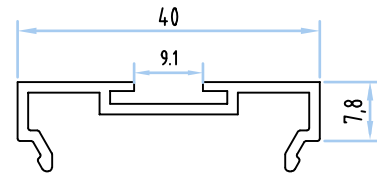
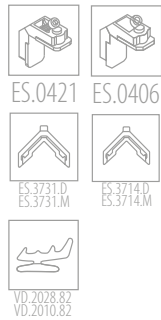


+A1049

Aro Móvel 120mm
Perímetro: 0,34m



Acessórios



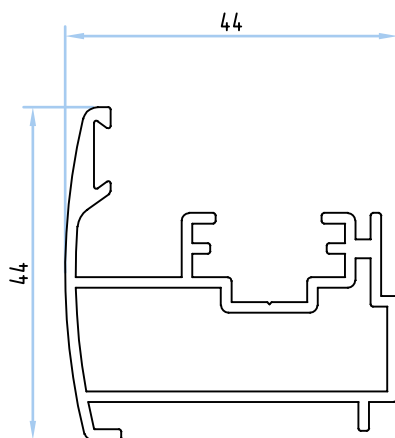
+A1066

Aro Móvel 100mm
Perímetro: 0,30m

+A1018

Capa de Fundo de Porta
Perímetro: 0,14m

Acessórios



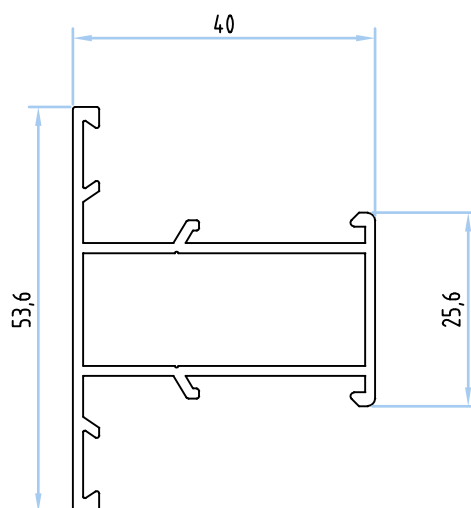
+A1148

Inversor de Folha
Perímetro: 0,27m

Acessórios

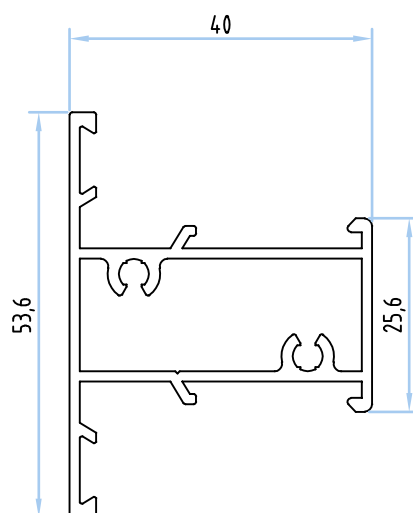


UN. 1000.PQ



+A1001

Tê Estreito s/Olhais
Perímetro: 0,24m



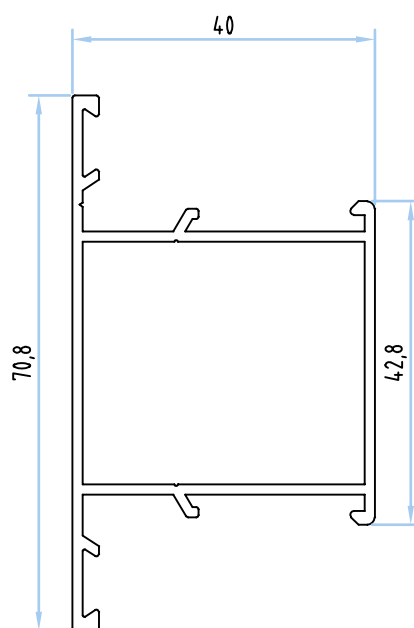
+A1034

Tê Estreito c/Olhais
Perímetro: 0,24m

Acessórios

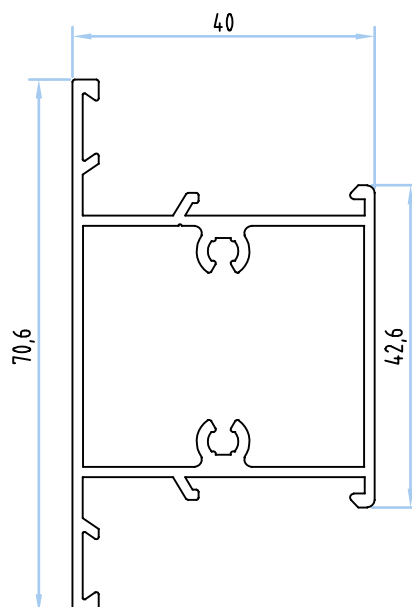


UN.1000.GR



+A1039

Tê Largo s/Olhais
Perímetro: 0,27m

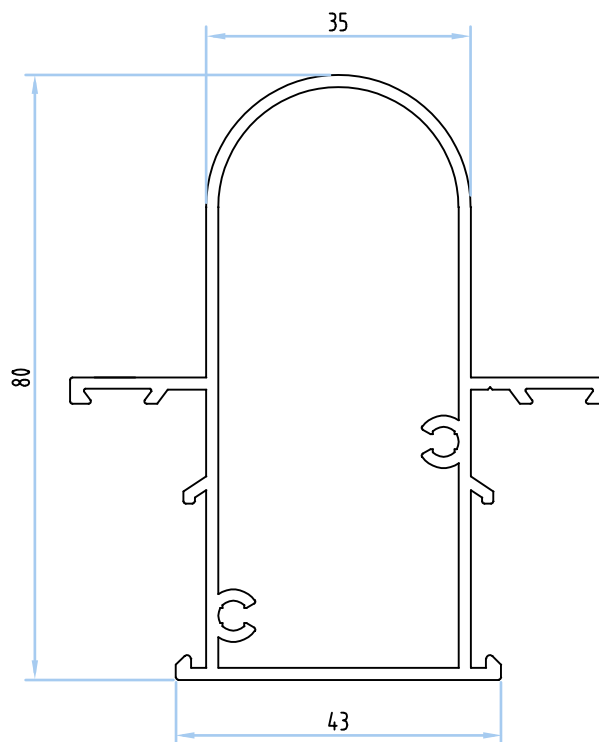


+A1006

Tê Largo c/ Olhais
Perímetro: 0,27m

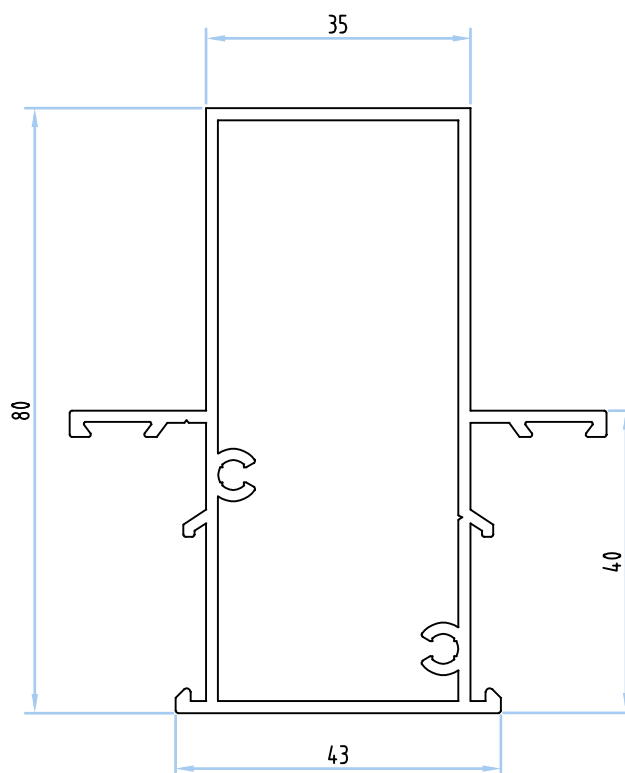
+A1028

Tê Reforçado Curvo
Perímetro: 0,35m

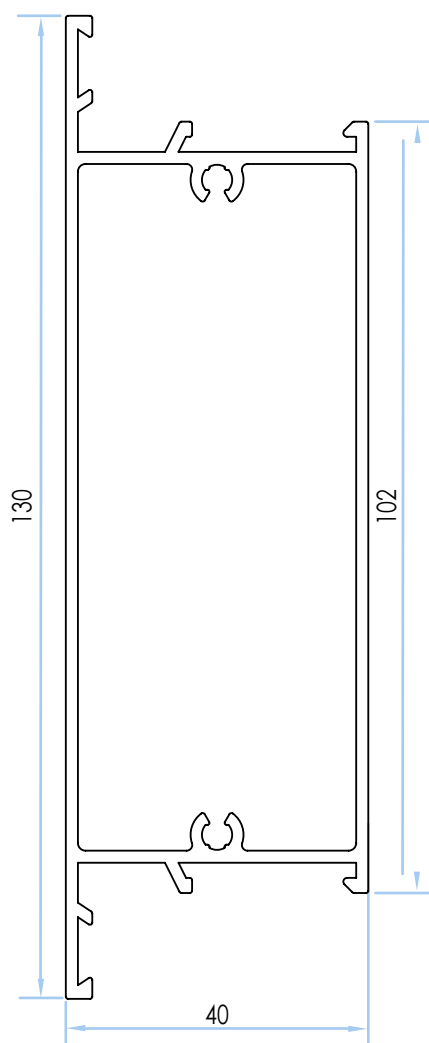


+A1029

Tê Reforçado Reto
Perímetro: 0,35m

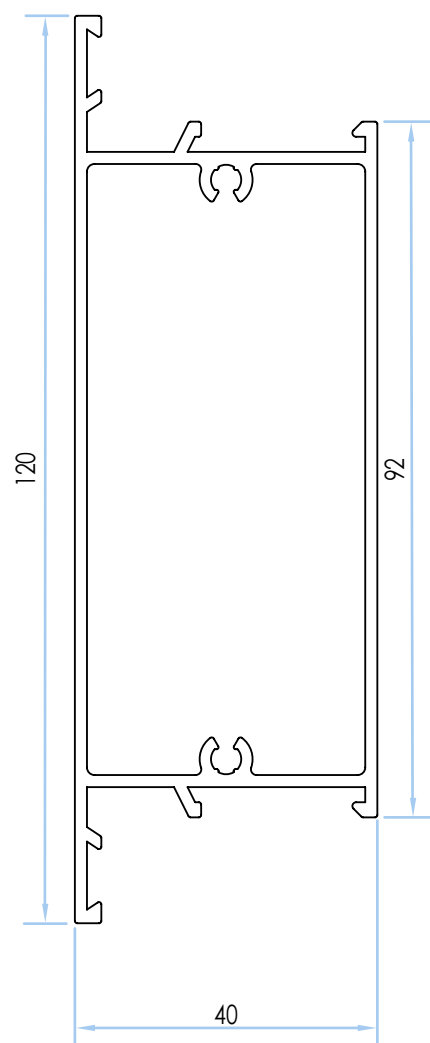






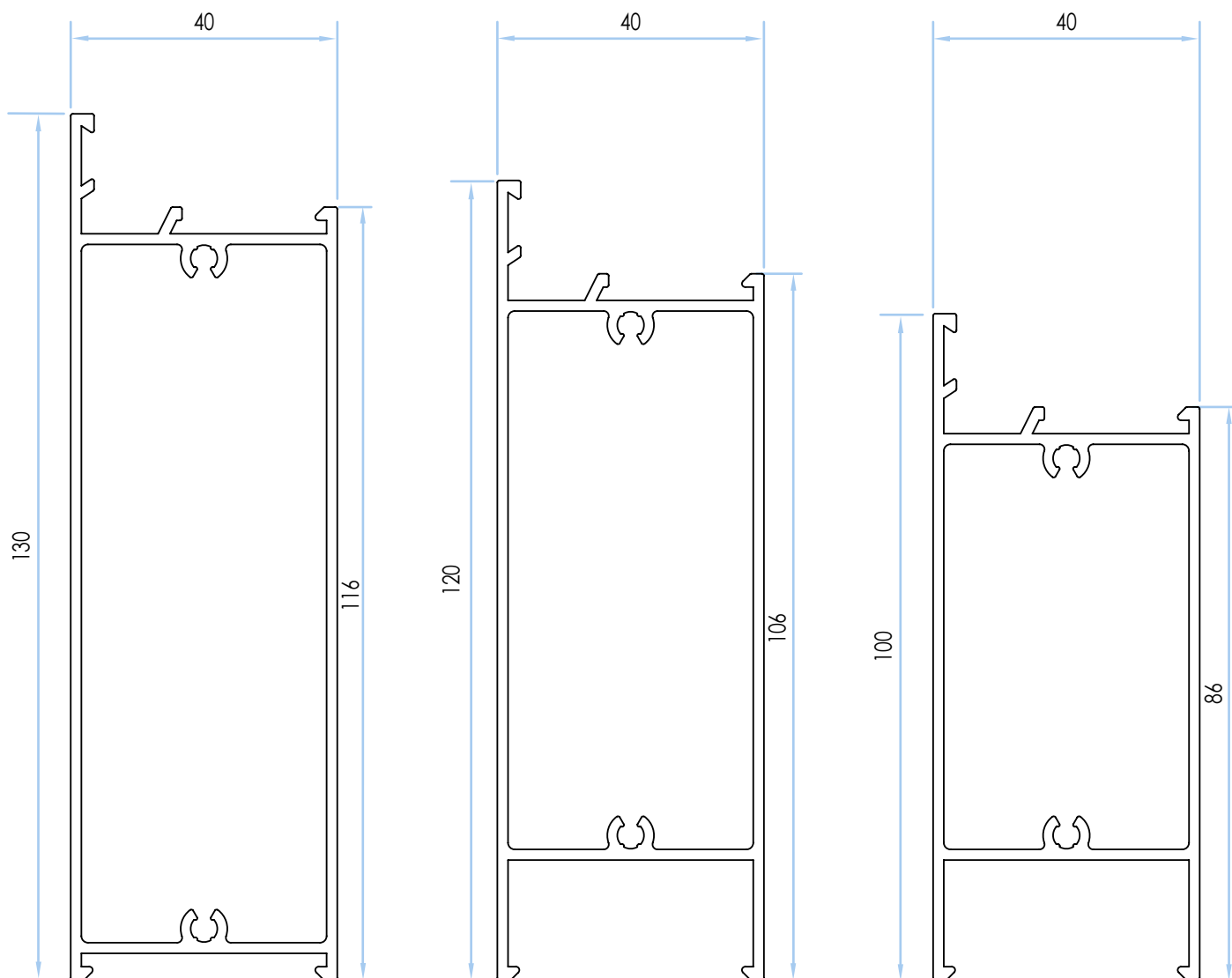
+A1012

Almofada Central 130mm
Perímetro: 0,39m



+A1042

Almofada Central 120mm
Perímetro: 0,34m

**+A1013**

Almofada de Fundo 130mm
Perímetro: 0,39m

+A1043/A

Almofada de Fundo 120mm
Perímetro: 0,34m

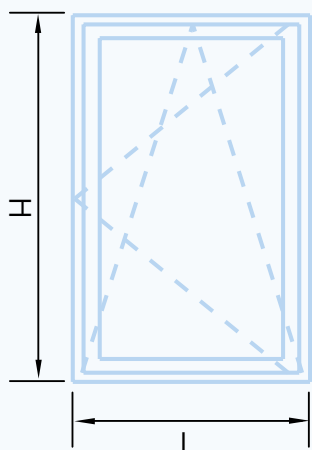
+A1048

Almofada de Fundo 100mm
Perímetro: 0,35m

+A1516 Caixa 26,5	+A1036 Caixa 24	+A1054 Caixa 20	+A1055 Caixa 15	+A1631 Caixa 11	+A1615 Caixa 8
10	12,5	16,5	21,5	25,5	28,5

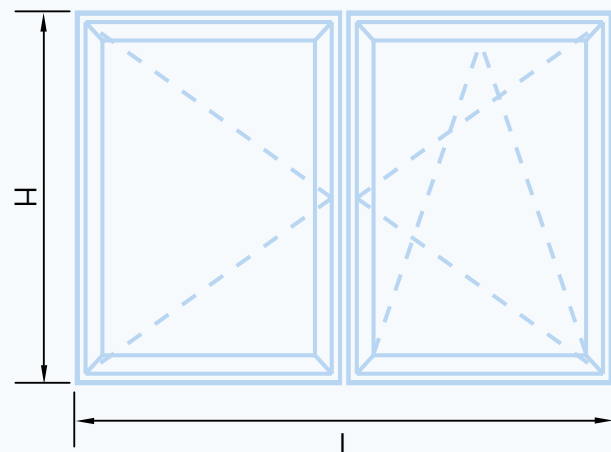
Medidas de Corte +A1000

*Janela de Abrir de 1 Folha
Abertura Interior*



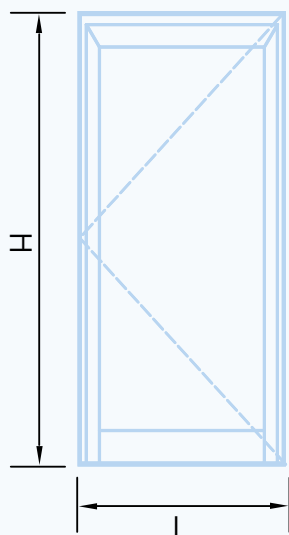
Perfil	Descrição	Corte	Quantidade	Medidas
+A1003	Aro fixo		2	H
				L
+A1038	Aro Móvel		2	H-40
				L-40

*Janela de Abrir de 2 Folhas
Abertura Interior*



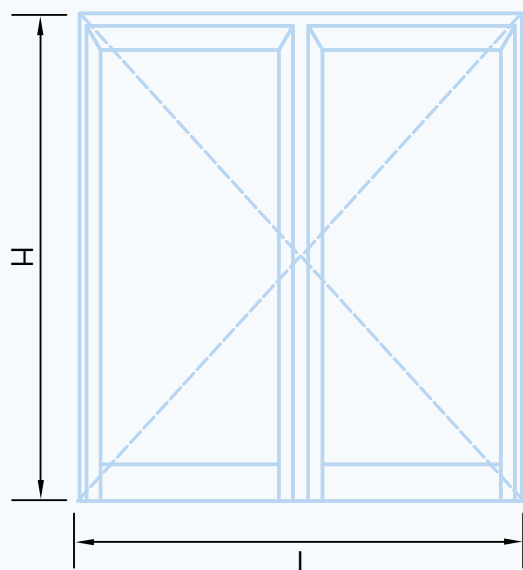
Perfil	Descrição	Corte	Quantidade	Medidas
+A1003	Aro fixo		2	H
				L
+A1038	Aro Móvel		4	H-40
				L/2-22
+A1148	Inversor		1	H-92

Porta de 1 Folha Abertura Interior



Perfil	Descrição	Corte	Quantidade	Medidas
+A1008	Aro fixo		2	H
			1	L
+A1151	Aro Móvel		2	H-43
			1	L-74
+A1043/A	Almofada		1	L-179
+A1018	Capa		1	L-189

Porta de 2 Folhas Abertura Interior



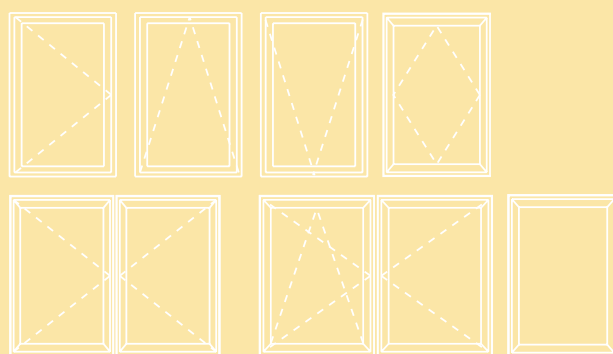
Perfil	Descrição	Corte	Quantidade	Medidas
+A1008	Aro fixo		2	H
			1	L
+A1151	Aro Móvel		4	H-43
			2	L/2-225
+A1148	Inversa		1	H-69
+A1043/4	Almofada		2	L/2-94
+A1018	Capa		2	L/2-104



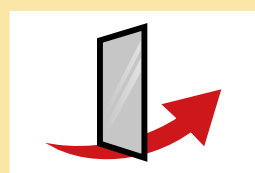
+E2000

(Câmara Europeia 40mm)

Tipologias

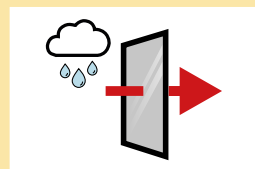


Desempenho Do Sistema +E2000 Tipologia
com vidro $U_g = 1.000 \text{ W/m}^2\text{K}$



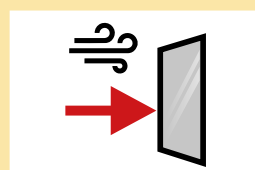
Permeabilidade ao Ar

3
Classe
(norma
de ensaio
EN 1026)



Estanquidade à Água

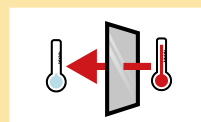
7A
Classe
(norma
de ensaio
EN 1027)



Resistência ao Vento

C5
Classe
(norma
de ensaio
EN 12211)

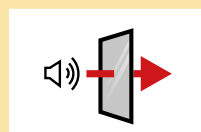
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

3,9 $\text{W/m}^2\text{K}$

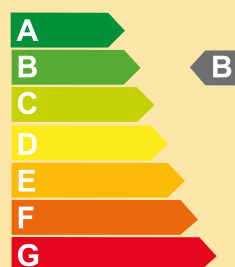
Coeficiente de Atenuação Acústica



Atenuação Acústica R_w (C,Ctr):

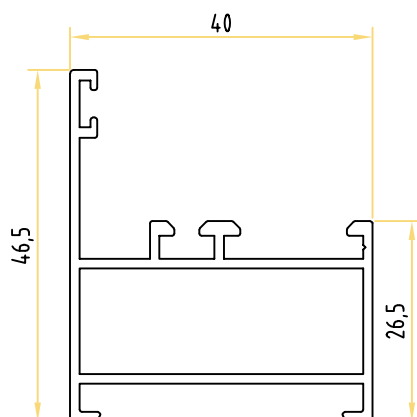
32 (-5)

Sistema de Etiquetagem Energética de Produtos



+E2003

Aro Fixo Pequeno
Perímetro: 0,25m

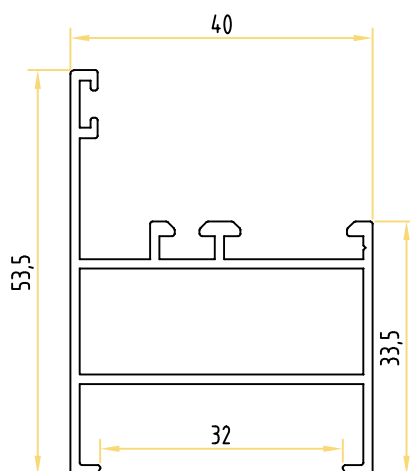


Acessórios



+E2040

Aro Fixo Médio
Perímetro: 0,30m

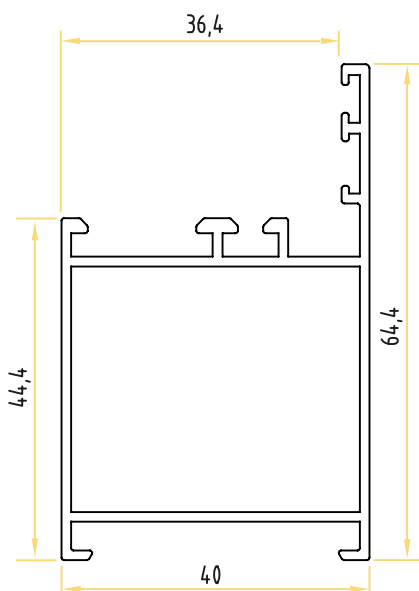


Acessórios



+E2008

Aro Fixo Grande
Perímetro: 0,28m

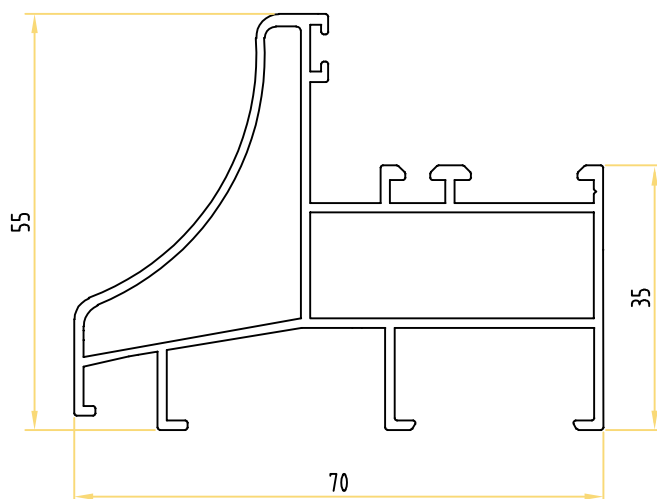


Acessórios









Acessórios



ES.0421



VD.6000



GO.9001



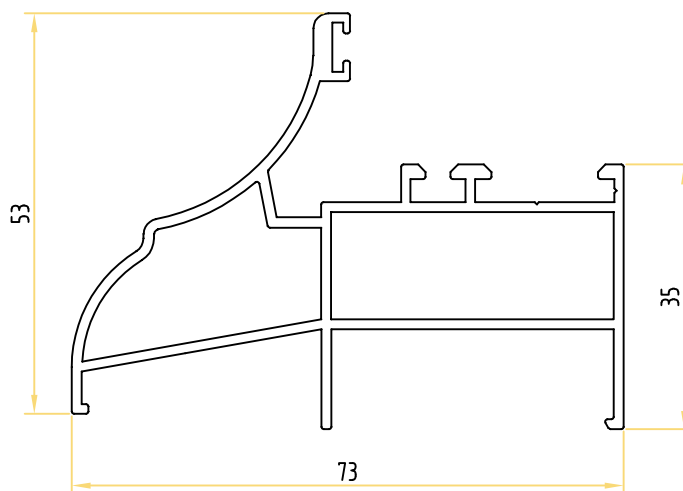
ES.3714.D
ES.3714.M



VD.2028.57

+E2068

Aro Fixo Rústico
Perímetro: 0,38m



Acessórios



ES.3714.D
ES.3714.M



ES.0421



VD.6000



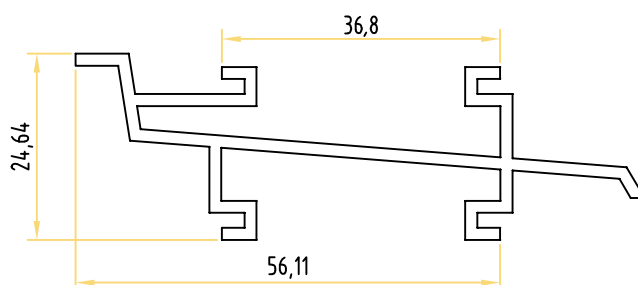
GO.9001



VD.2028.57

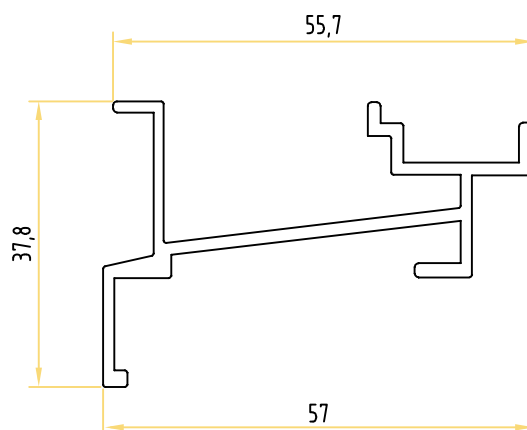
+E2065

Aro Fixo Rústico
Perímetro: 0,36m

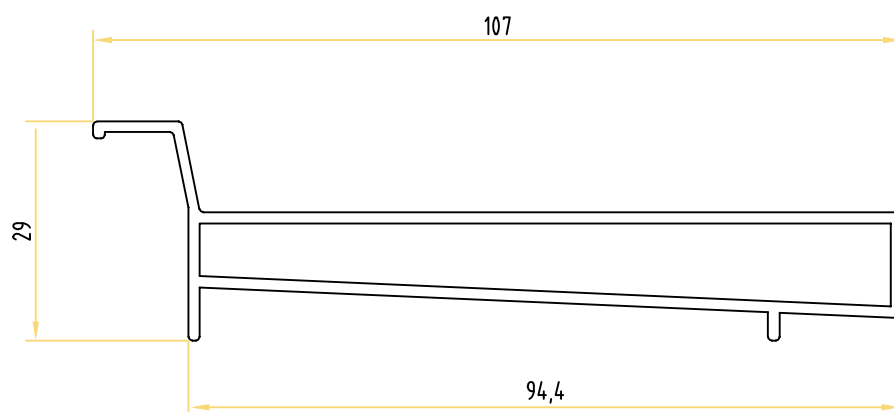


+A1017

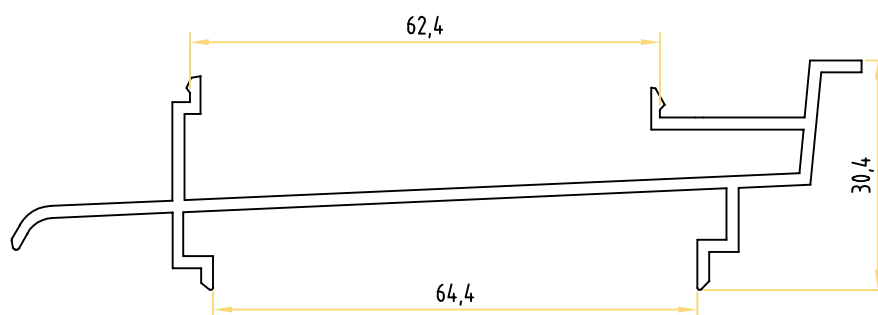
Soleira de Condensação
Perímetro: 0,34m

**+A1117**

Soleira de Condensação
Perímetro: 0,28m

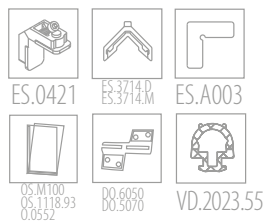
**+E2164**

Soleira de Condensação
Perímetro: 0,28m

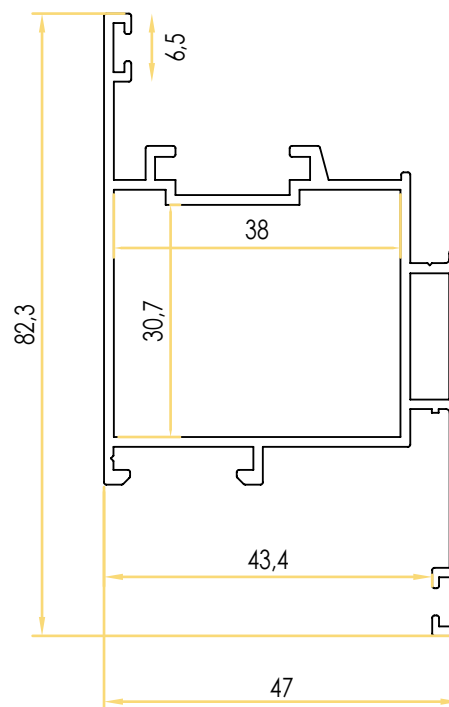
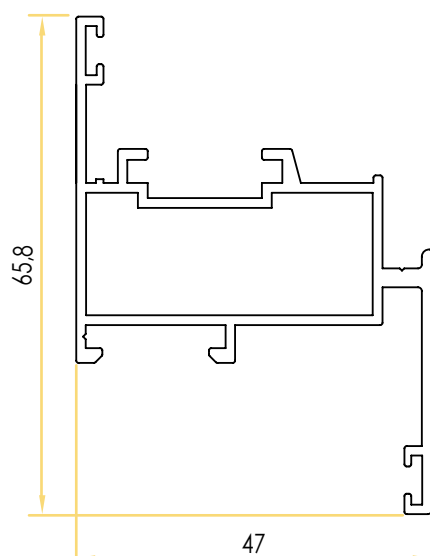
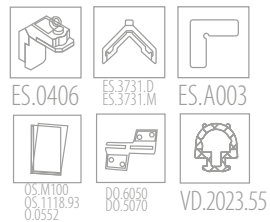
**+E2064**

Soleira de Condensação
Perímetro: 0,40m

Acessórios



Acessórios



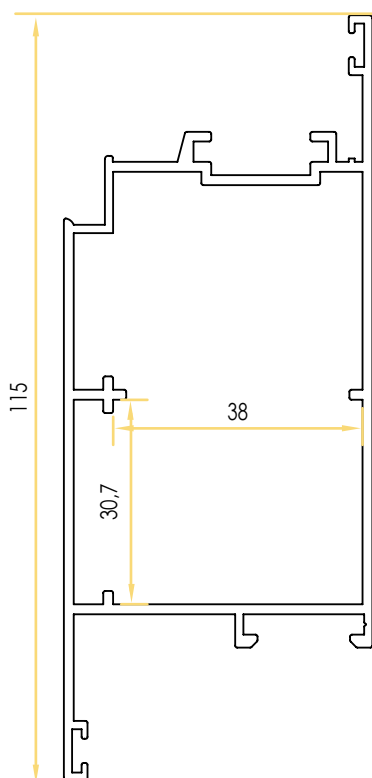
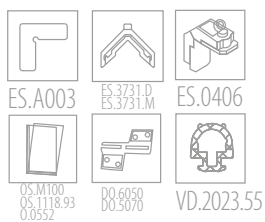
+E2150

Aro Móvel Pequeno Liso
Perímetro: 0,33m

+E2151

Aro Móvel Médio Liso
Perímetro: 0,36m

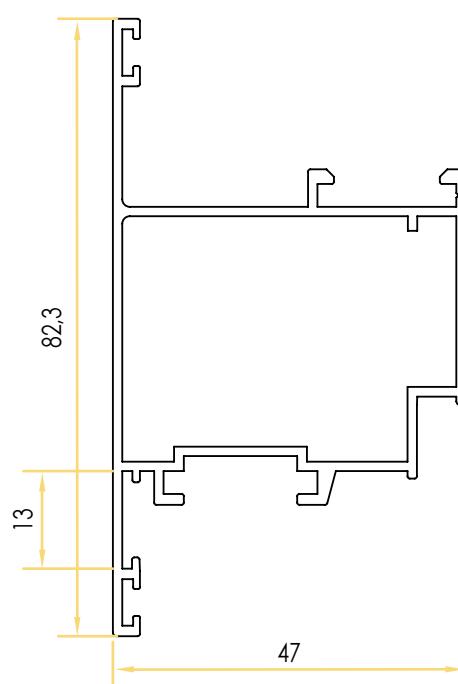
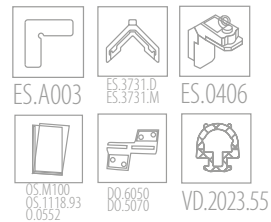
Acessórios



+E2152

Aro Móvel Grande
Perímetro: 0,42m

Acessórios



+E2154

Aro Móvel Abertura Exterior
Perímetro: 0,35m

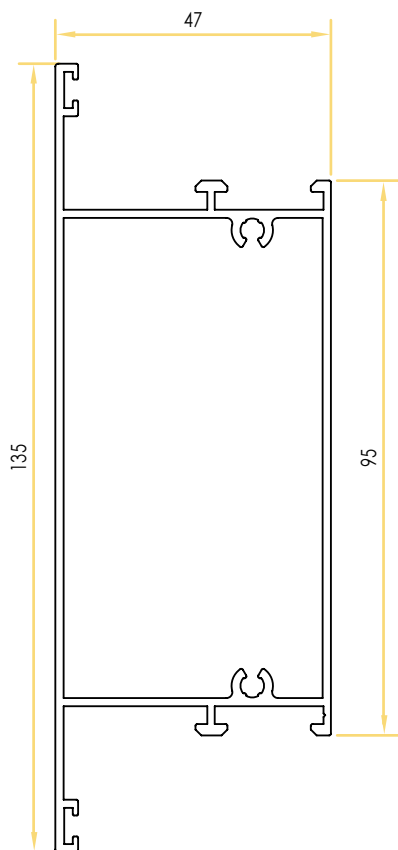
Acessórios



VD.6000

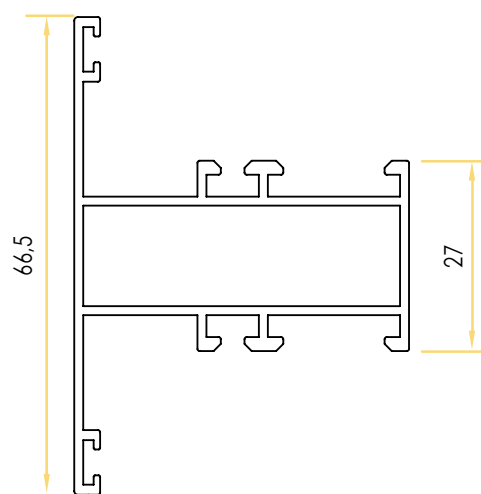


UN.2000.PQ



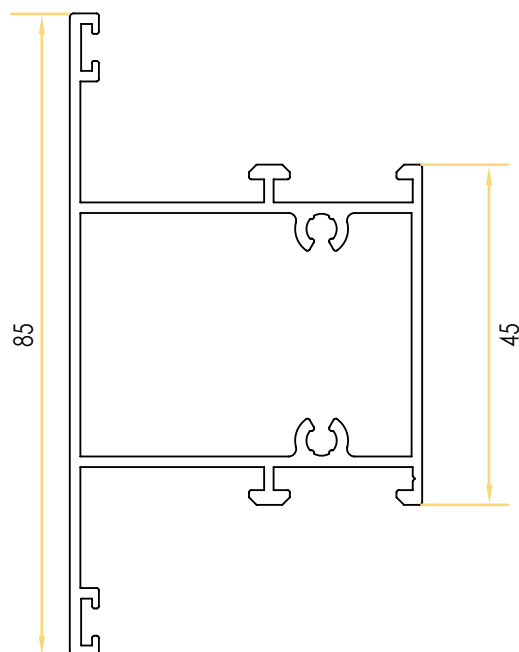
+E2153

Almofada 135mm
Perímetro: 0,45m



+E2156

Travessa Pequena
Perímetro: 0,34m

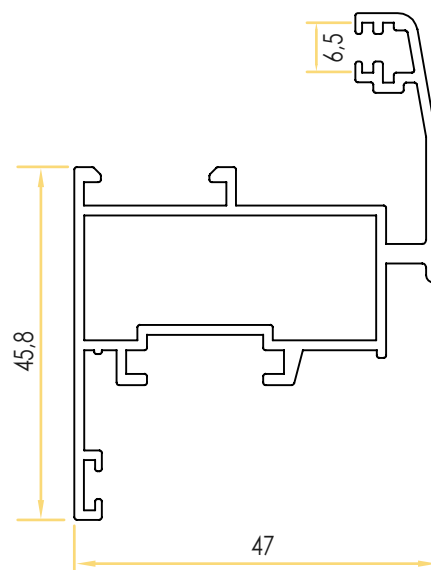
**+E2155**

Travessa Média c/Olhais
Perímetro: 0,35m

+E2045 Caixa 37,4	+E2014 Caixa 33	+E2018 Caixa 31	+E2015 Caixa 28,8	+E2019 Caixa 26	+E2016 Caixa 18,8	+E2017 Caixa 16	+E2217 Caixa 10,4
6	10,5	12,5	14,6	17,4	24,6	27,5	33







Acessórios



ES.A003



ES.0421



ES.A001



ES.3714.D
ES.3714.M



OS.M100
OS.1118.93
OS.0552



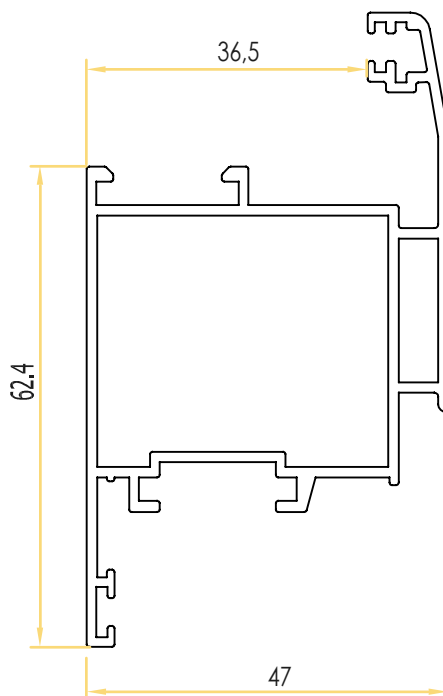
VD.2023.55



DO.6050
DO.5070

+E2036

Aro Móvel Pequeno Estreito Elítico
Perímetro: 0,35m



Acessórios



ES.A003



ES.0406



ES.A001



ES.3731.D
ES.3731.M



OS.M100
OS.1118.93
OS.0552



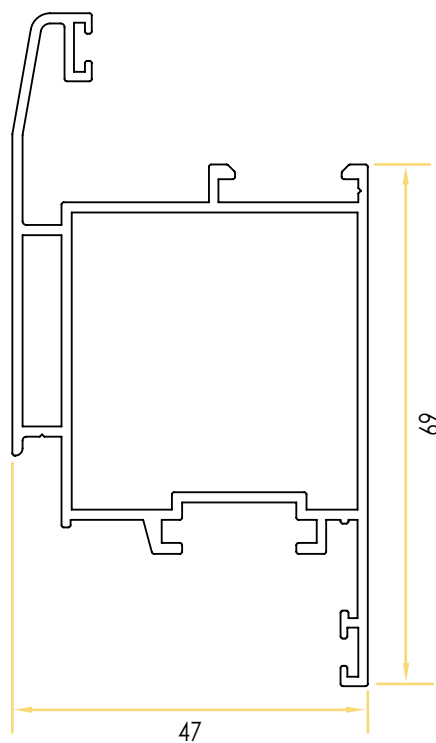
VD.2023.55



DO.6050
DO.5070

+E2037

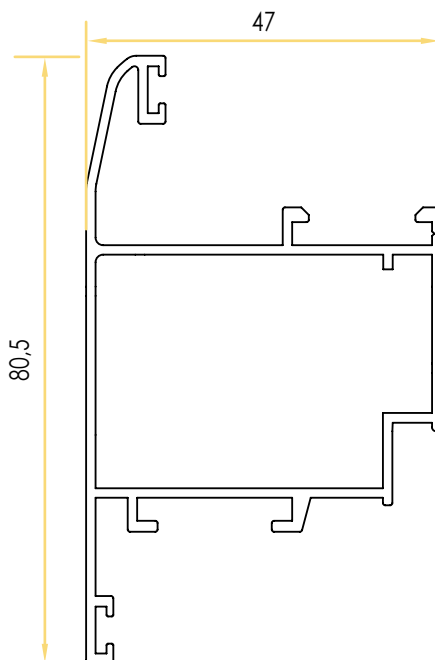
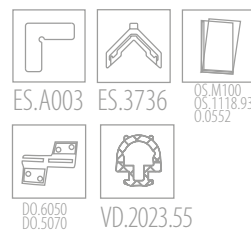
Aro Móvel Médio Elítico
Perímetro: 0,38m



+E2007

Aro Móvel Grande Elítico
Perímetro: 0,36m

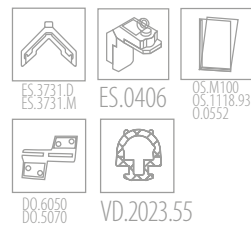
Acessórios

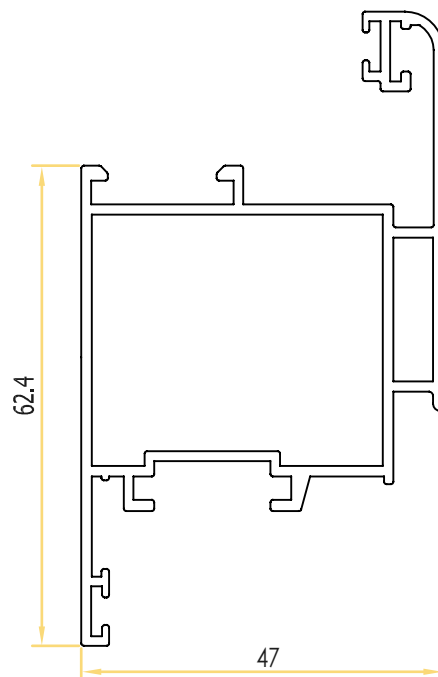


+E2111

Aro Móvel Grande
de Abertura Exterior Elítico
Perímetro: 0,40m

Acessórios





Acessórios



ES.0406



ES.A003



ES.A001



ES.3731.D
ES.3731.M



OS.M100
OS.1118.93
O.0552



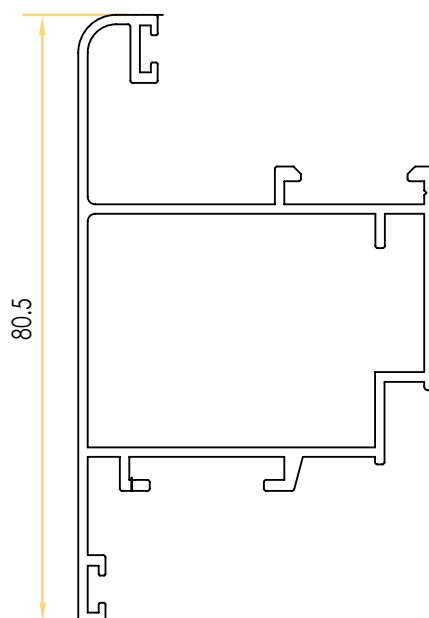
VD.2023.55



DO.6050
DO.5070

+E2010

Aro Móvel Grande Redondo
Perímetro: O,36m



Acessórios



ES.0406



ES.3731.D
ES.3731.M



DO.6050
DO.5070



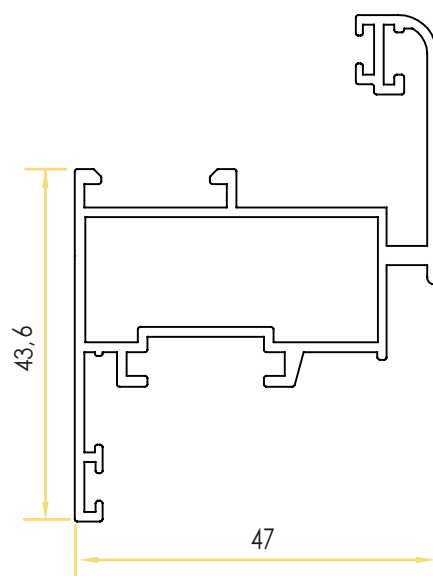
OS.M100
OS.1118.93
O.0552



VD.2023.55

+E2110

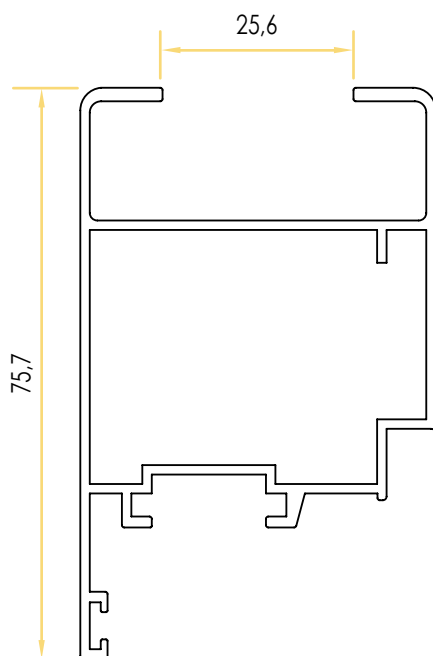
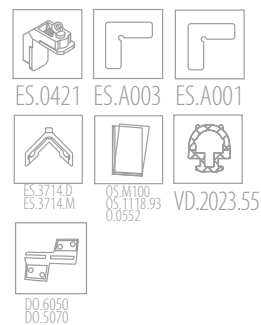
Aro Móvel de Abertura
Exterior Redondo
Perímetro: O,36m



+E2005

Aro Móvel Pequeno Curvo
Perímetro: 0,33m

Acessórios



+E2085

Aro Móvel Grande Pára Lâminas
Perímetro: 0,36m

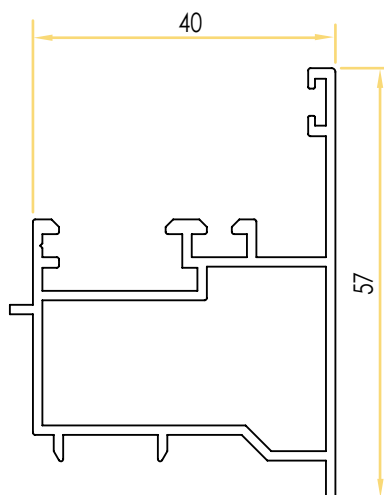
Acessórios



Acessórios



TP.0255 VD.6000



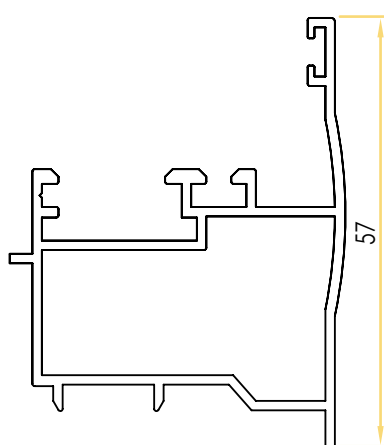
+E2148

Inversor
Perímetro: 0,29m

Acessórios

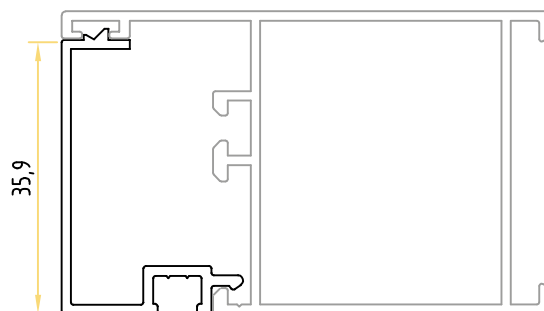


TP.0279 VD.6000

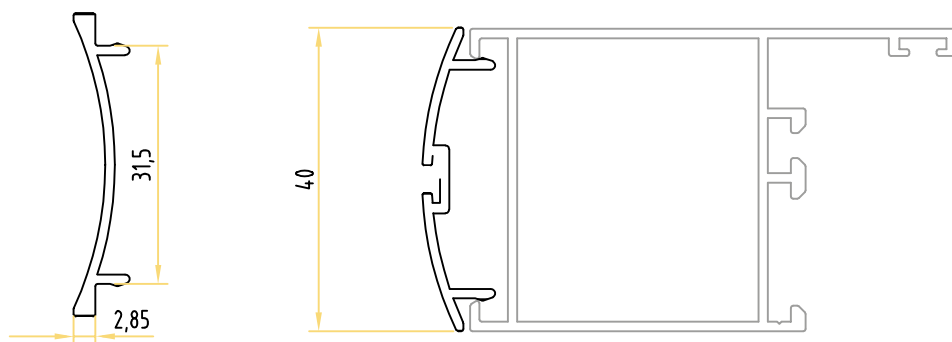


+E2149

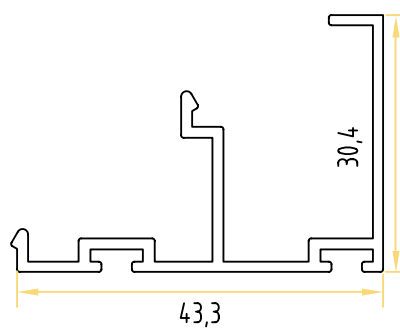
Inversor Rústico
Perímetro: 0,30m

**+E2143**

Remate de Lâmina
Perímetro: 0,16m

**+E2102 | +E2101**

Clip Vai-Vem
Perímetro: 0,10m | 0,12

**+E2113**

Bite de Remate de Fundo
de Portas
Perímetro: 0,24m

Acessórios



VD.6000



UN.2000.PQ

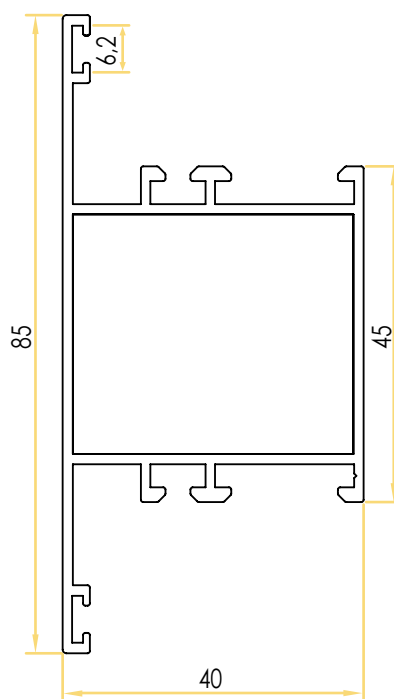
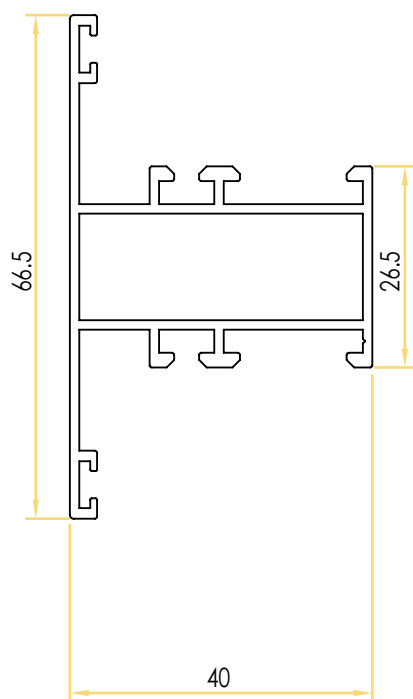
Acessórios



VD.6000



UN.2000.GR



+E2001

Travessa Pequena
Perímetro: 0,33m

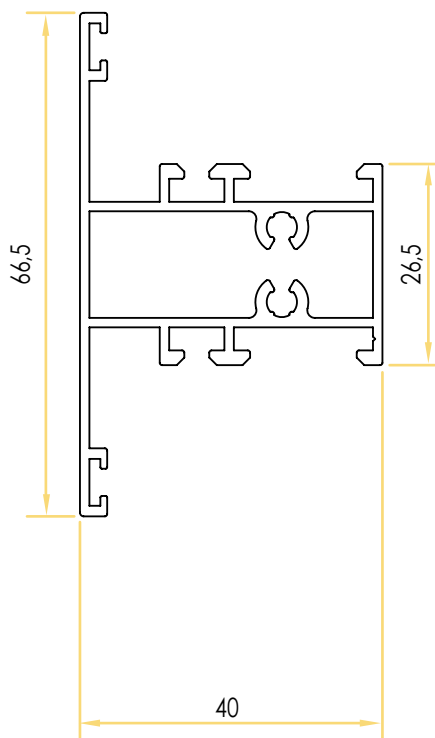
+E2039

Travessa Média
Perímetro: 0,36m

Acessórios



VD.6000



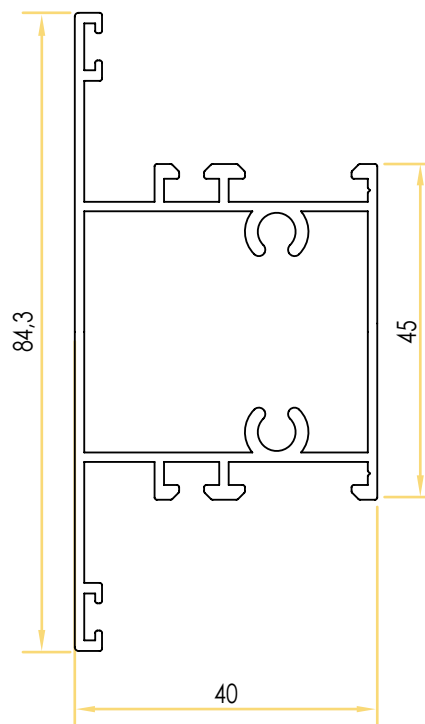
+E2002

Travessa Pequena c/Olhais
Perímetro: 0,33m

Acessórios

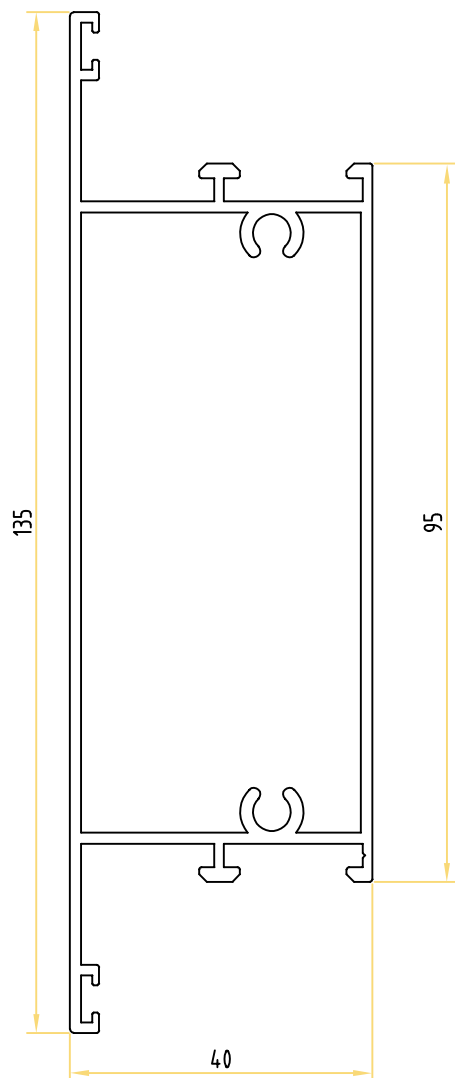


VD.6000



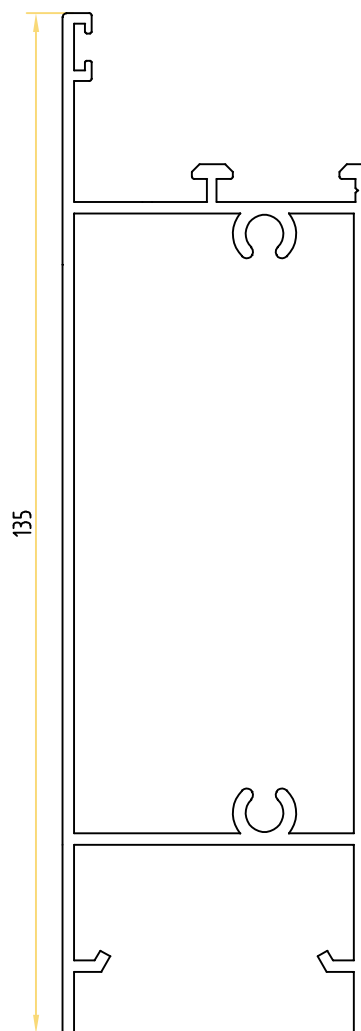
+E2139

Travessa Pequena c/ Olhais
Perímetro: 0,36m



+E2012

Travessa Grande
Perímetro: 0,44m



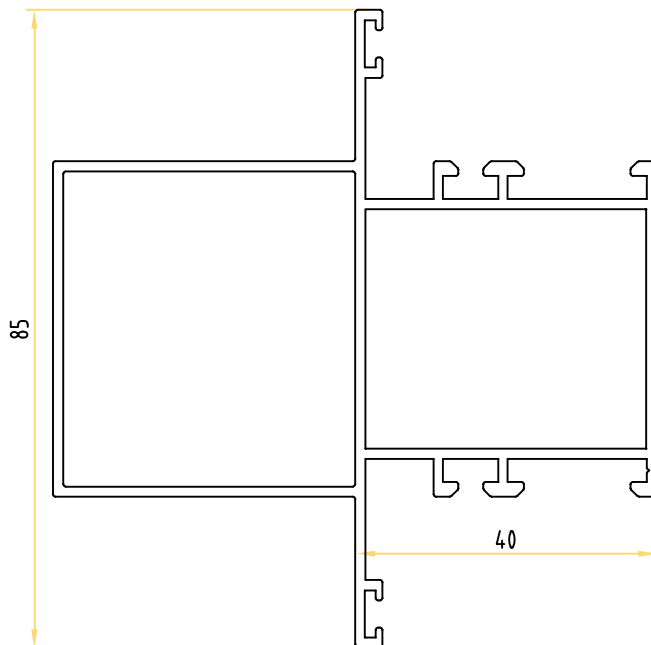
+E2058

Almofada de Fundo
Perímetro: 0,46m

Acessórios



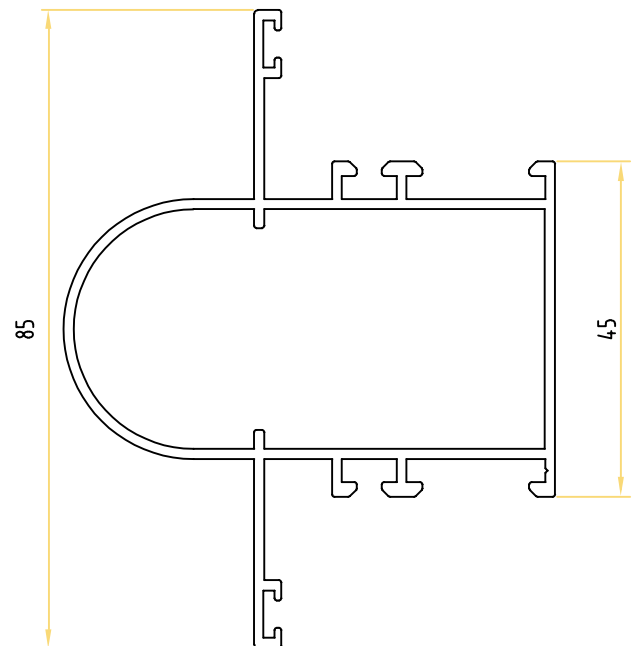
VD.6000



Acessórios



VD.6000



+E2059

Montante Reto
Perímetro: 0,44m

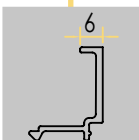
+E2036

Montante Reto
Perímetro: 0,35m

+E2045

Caixa 30,5

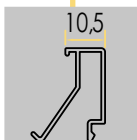
6



+E2014

Caixa 26

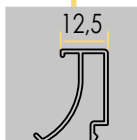
10,5



+E2018

Caixa 24

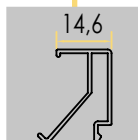
12,5



+E2015

Caixa 22

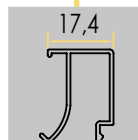
14,6



+E2019

Caixa 19

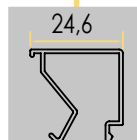
17,4



+E2016

Caixa 12

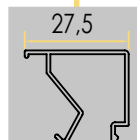
24,6



+E2017

Caixa 9

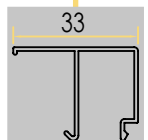
27,5



+E2217

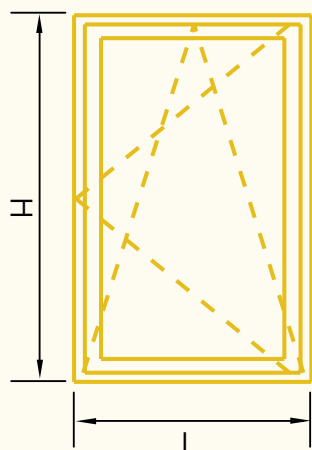
Caixa 3,5

33



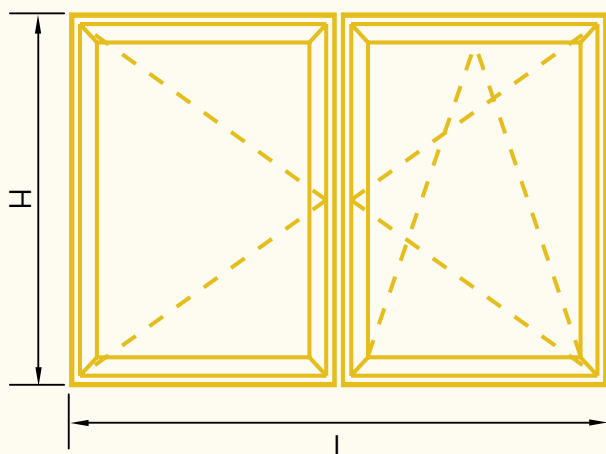
Medidas de Corte +E2000

*Janela de Abrir de 1 Folha
Abertura Interior*



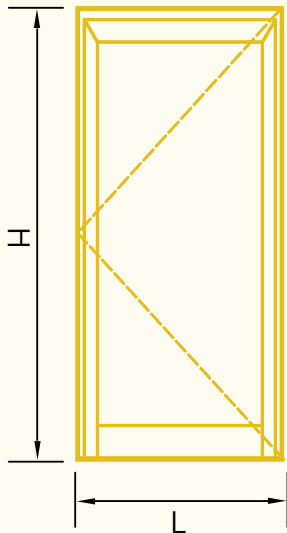
Perfil	Descrição	Corte	Quantidade	Medidas
+E2003	Aro Fixo		2	H
				L
+E2036	Aro Móvel		2	H-41
				L-41
+A1017	Soleira		1	L

*Janela de Abrir de 2 Folhas
Abertura Interior*



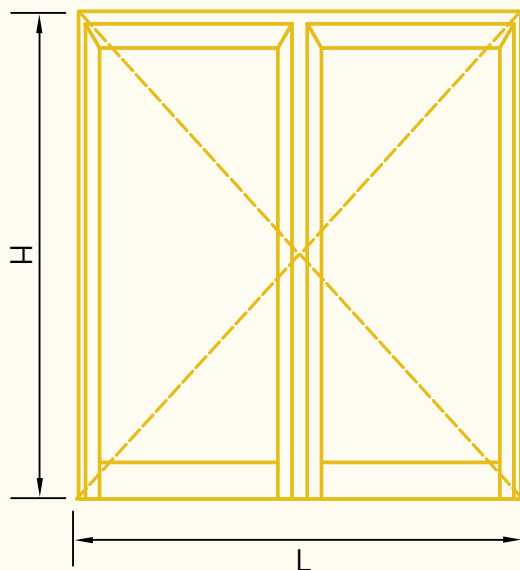
Perfil	Descrição	Corte	Quantidade	Medidas
+E2003	Aro Fixo		2	H
				L
+E2036	Aro Móvel		4	H-41
				L/2-23
+E2148	Inversor		1	H-102
+A1017	Soleira		1	L

Porta de 1 Folha Abertura Interior



Perfil	Descrição	Corte	Quantidade	Medidas
+E2008	Aro Fixo		2	H
			1	L
+E2037	Aro Móvel		2	H-44
			1	L-77
+E2012	Travessa		1	L-192
+E2013	Travessa		1	L-202

Porta de 2 Folhas Abertura Interior



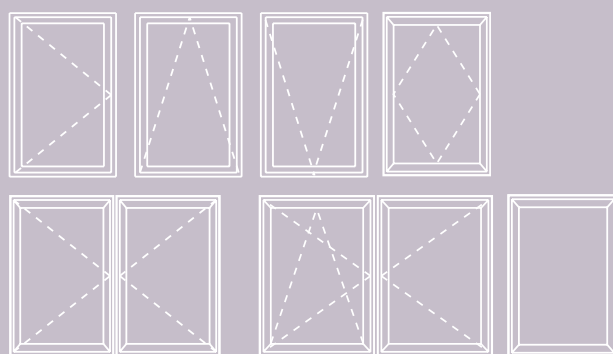
Perfil	Descrição	Corte	Quantidade	Medidas
+E2008	Aro Fixo		2	H
			1	L
+E2037	Aro Móvel		4	H-44
			2	L/2-41
+E2012	Travessa		2	L/2-156
+E2148	Inversor		1	H-75
+E2013	Travessa		2	L/2-166



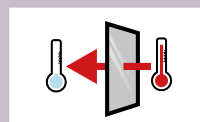
+E2200

(Câmara Europeia
Corte Térmico 45/50mm)

Tipologias



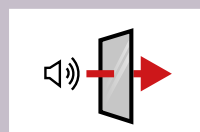
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

1.54 W/m²K

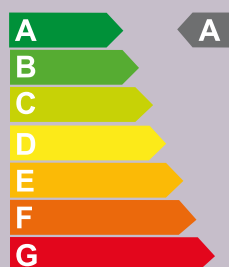
Coeficiente de Atenuação Acústica



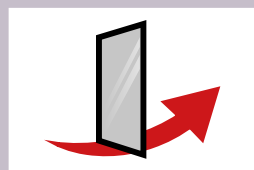
Atenuação Acústica R_w (C,Ctr):

37 (-2,-6)

Sistema de Etiquetagem Energética de Produtos



Desempenho Do Sistema +E2200 com vidro $U_g = 0.700$ W/m²K

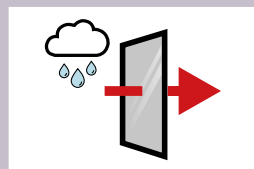


Permeabilidade ao Ar

3

Classe

(norma
de ensaio
EN 1026)

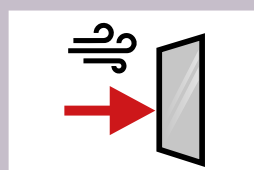


Estanquidade à Água

7A

Classe

(norma
de ensaio
EN 1027)



Resistência ao Vento

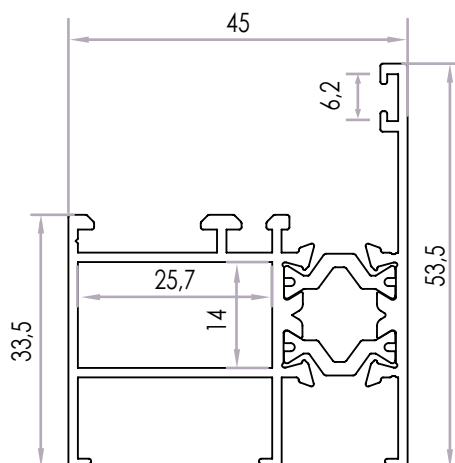
C5

Classe

(norma
de ensaio
EN 12211)

+E2240

Aro Fixo Médio
Perímetro: 0,35m



Acessórios



ES.2514



GO.9001



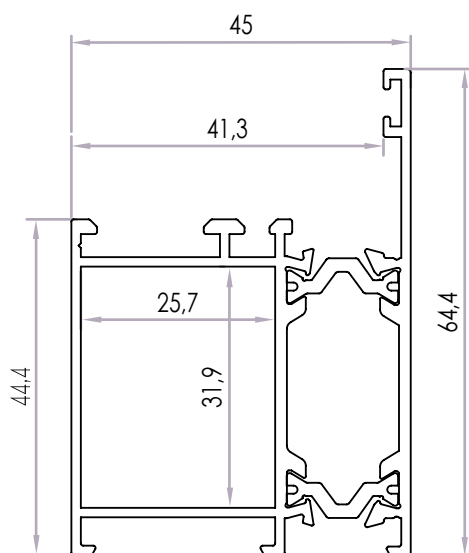
VD.6000



VD.2028.57

+E2208

Aro Fixo Grande
Perímetro: 0,41m



Acessórios



ES.2531



GO.9001



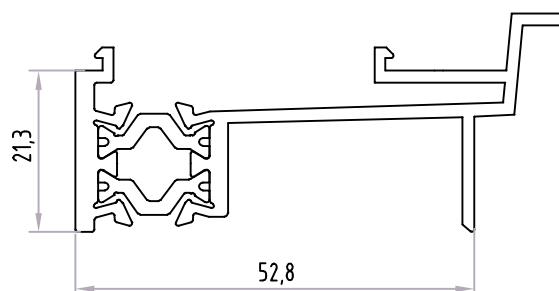
VD.6000

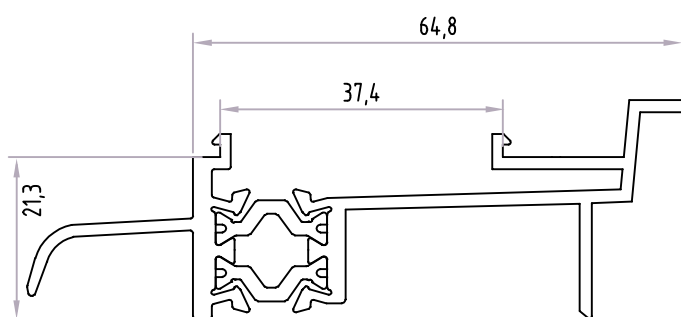


VD.2028.57

+E2262

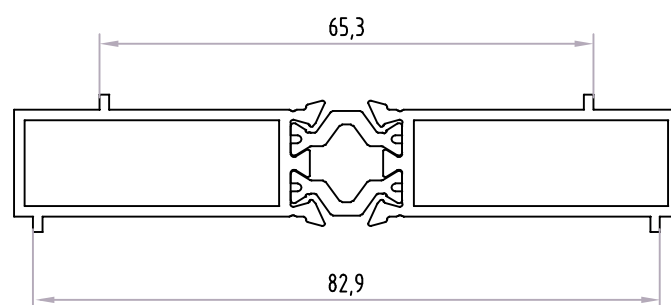
Soleira de Condensação
Perímetro: 0,30m





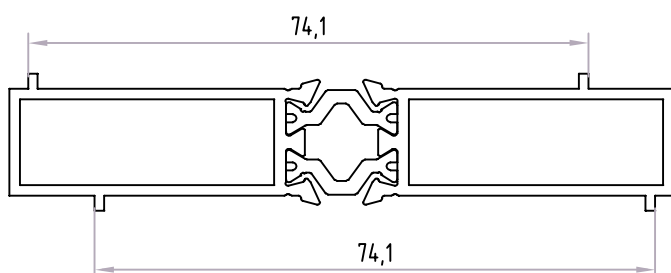
+E2263

Soleira de Condensação
Perímetro: 0,39m



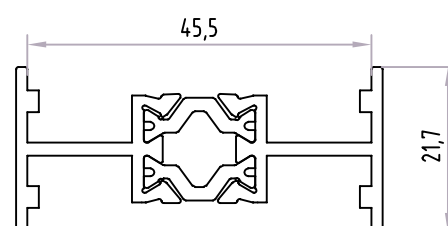
+E2291

Perfil de Ligação
Perímetro: 0,28m



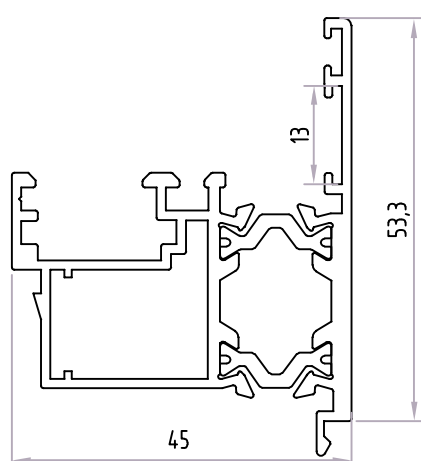
+E2292

Perfil de Ligação
Perímetro: 0,28m



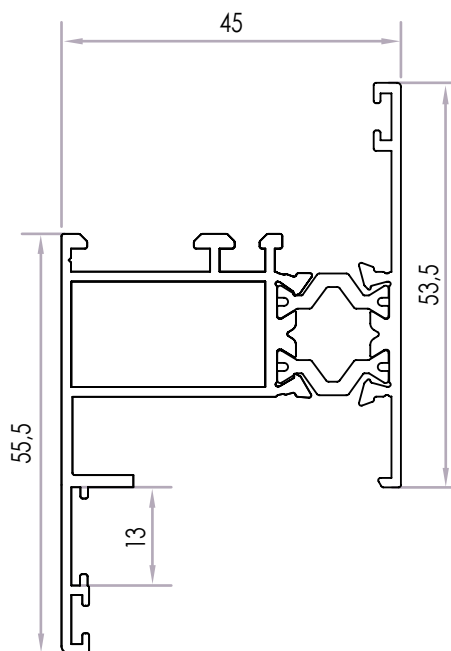
+E2290

Perfil de Ligação
Perímetro: 0,21m



+E2247

Inversor de Aro Fixo
Perímetro: 0,34m



+E2242

Aro Fixo c/ Remate Interior
Perímetro: 0,42m

Acessórios



ES.2514



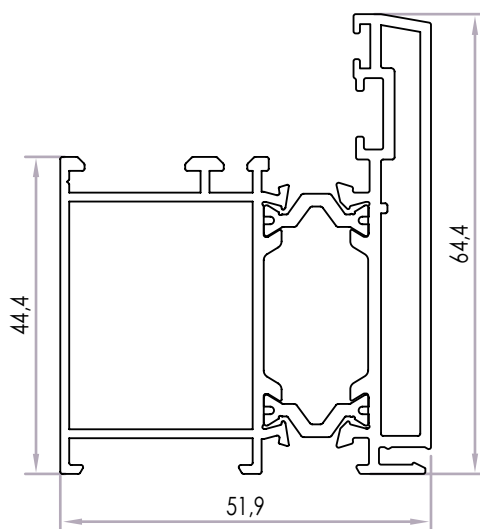
ES.A003



VD.6000



VD.2028.57



+E2214

Aro Fixo Grande Reforçada
c/ Clip Exterior
Perímetro: 0,38m

Acessórios



ES.2531



ES.A119



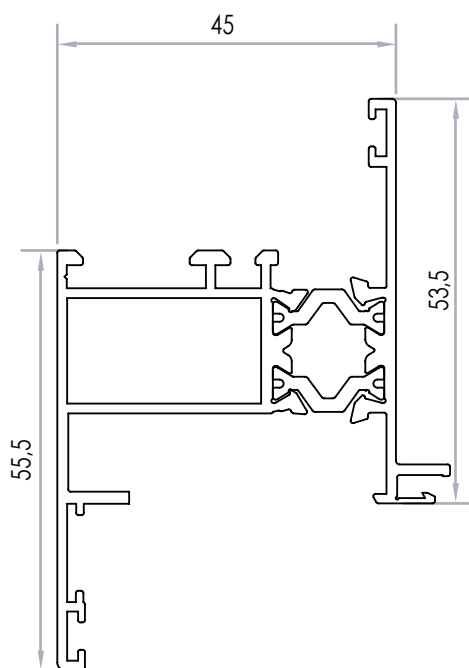
ES.4037



VD.6000



VD.2028.57



Acessórios



ES.2514



ES.A003



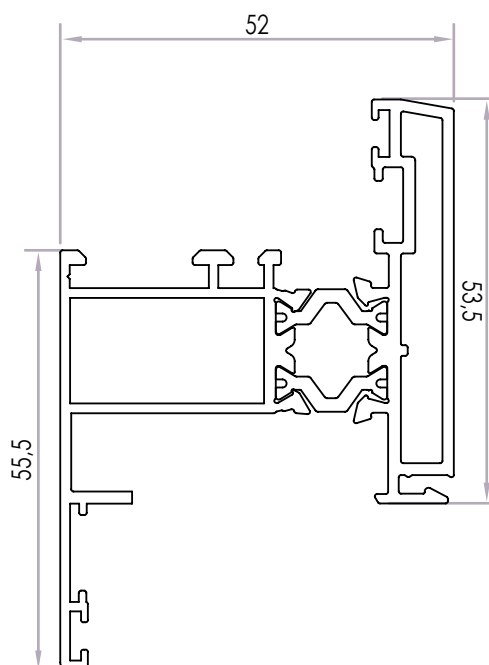
VD.6000



VD.2028.57

+E2243

Aro Fixo c/ Remate Interior
e Clip Exterior
Perímetro: 0,45m



Acessórios



ES.2514



ES.4037



ES.A003



VD.6000

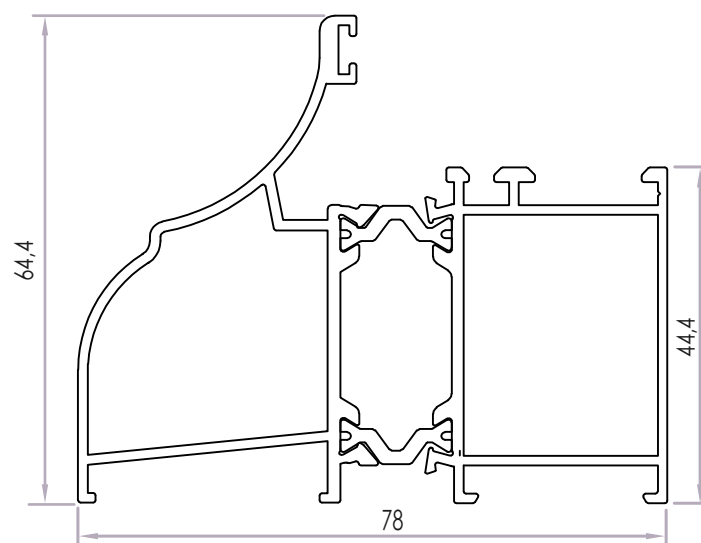


VD.2028.57

+E2244

Aro Fixo Pequeno Reforçado
c/ Remate Interior e Clip Exterior
Perímetro: 0,43m





Acessórios



ES.2531



GO.9001



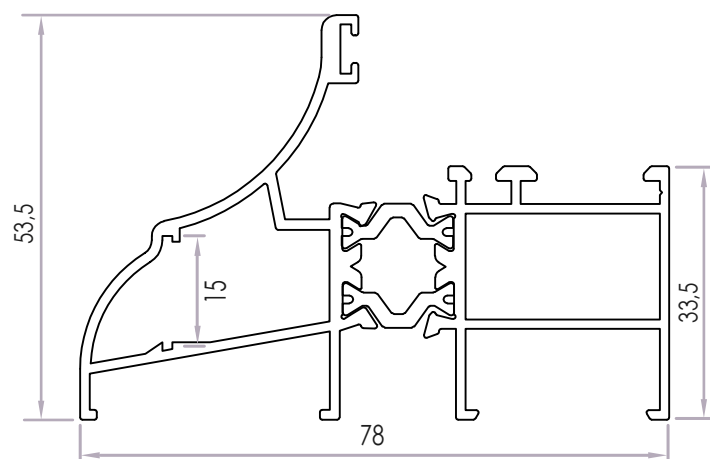
VD.6000



VD.2028.57

+E2267

Aro Fixo Rústico Grande
Perímetro: 0,46m



Acessórios



ES.2514



GO.9001



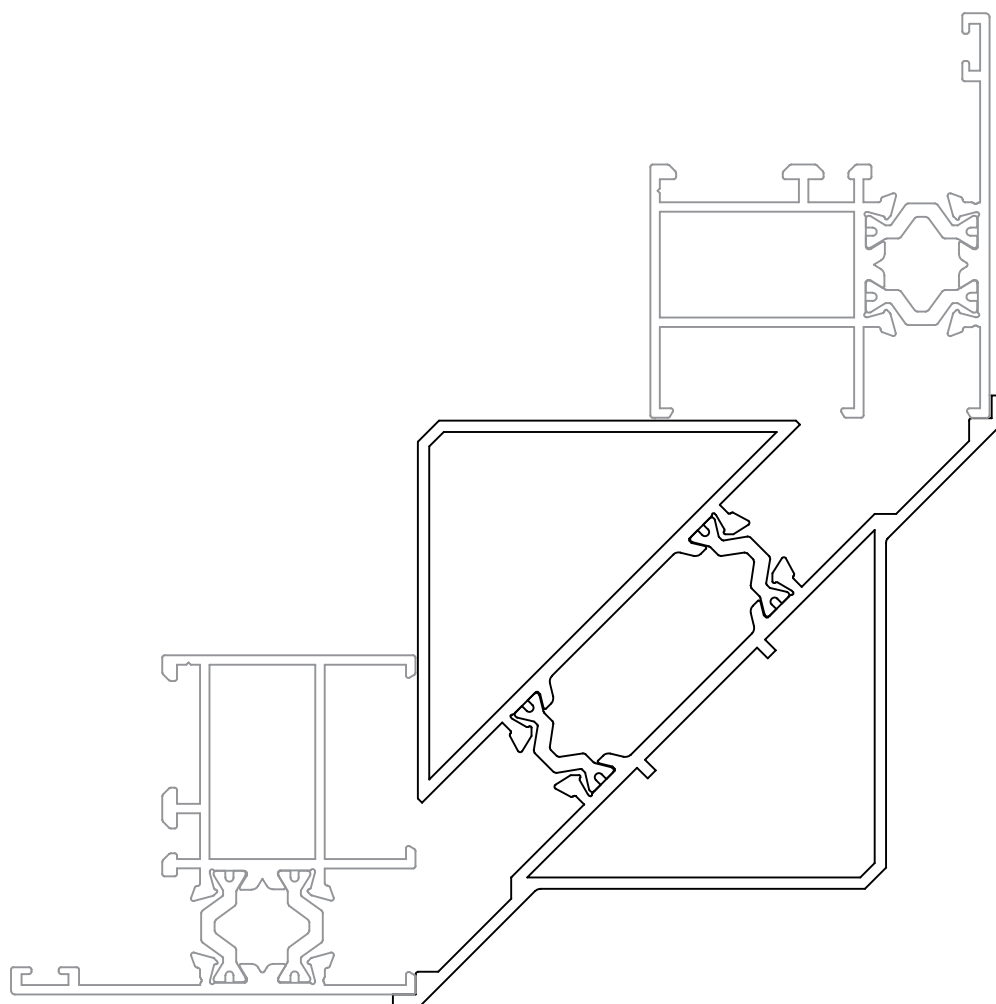
VD.6000



VD.2028.57

+E2265

Aro Fixo Pequeno Rústico
Perímetro: 0,42m



+E2293

Canto de Ligação
Perímetro: 0,49m

Acessórios



ES.2514



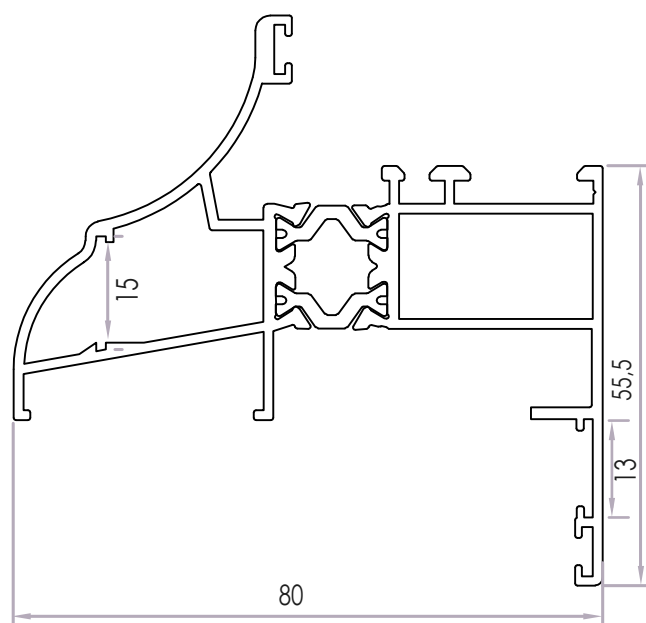
GO.9001



VD.6000

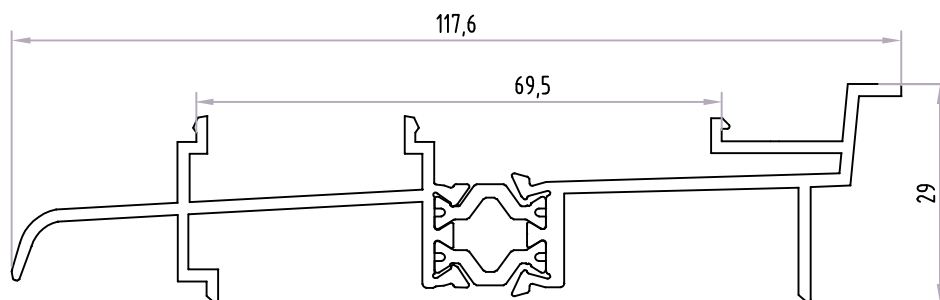


VD.2028.57

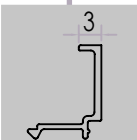
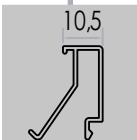
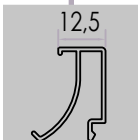
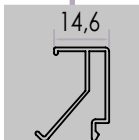
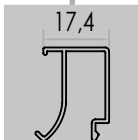
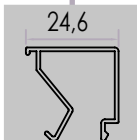
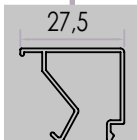
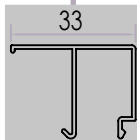


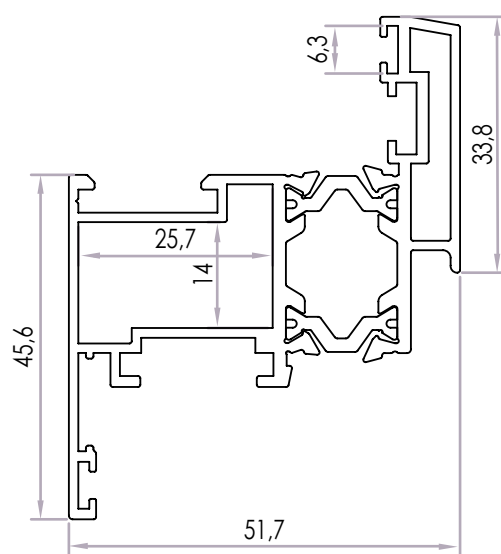
+E2266

Aro Fixo Pequeno Rústico
c/ Remate Interior
Perímetro: 0,47m

**+E2264**

Soleira de Condensação
Perímetro: 0,47m

+E2045	+E2014	+E2018	+E2015	+E2019	+E2016	+E2017	+E2217
Caixa 35,3	Caixa 30,8	Caixa 28,8	Caixa 26,7	Caixa 23,9	Caixa 16,7	Caixa 13,8	Caixa 8,3
3	10,5	12,5	14,6	17,4	24,6	27,5	33
							



Acessórios



ES.2514



ES.A003



ES.4037



DO.6050
DO.5070



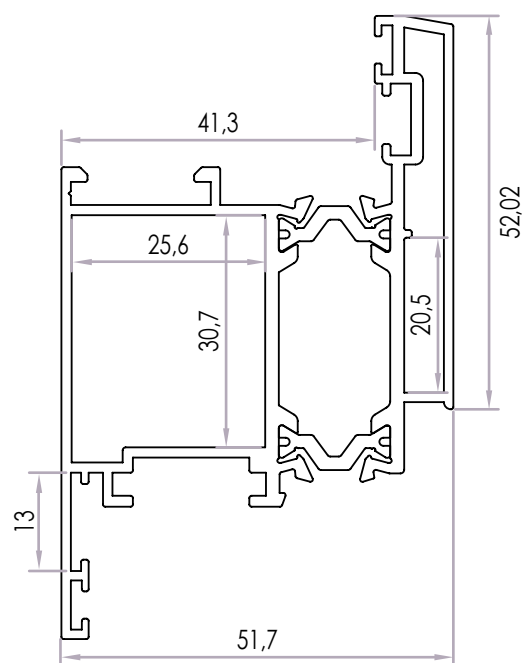
OS.M100
OS.1118.93
0.0552



VD.2023.55

+E2213

Aro Móvel Reto Pequeno
Perímetro: 0,42m



Acessórios



ES.2531



ES.A003



ES.4037



DO.6050
DO.5070



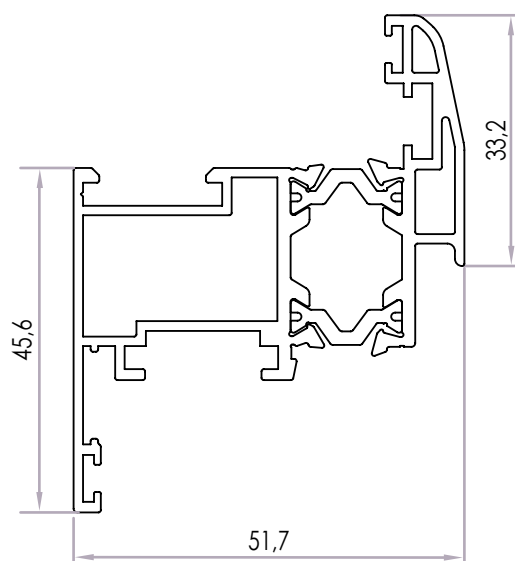
OS.M100
OS.1118.93
0.0552



VD.2023.55

+E2215

Aro Móvel Médio
Perímetro: 0,45m



Acessórios



ES.2514



ES.A003



ES.4037



DO.6050



OS.M100

OS.1118.93

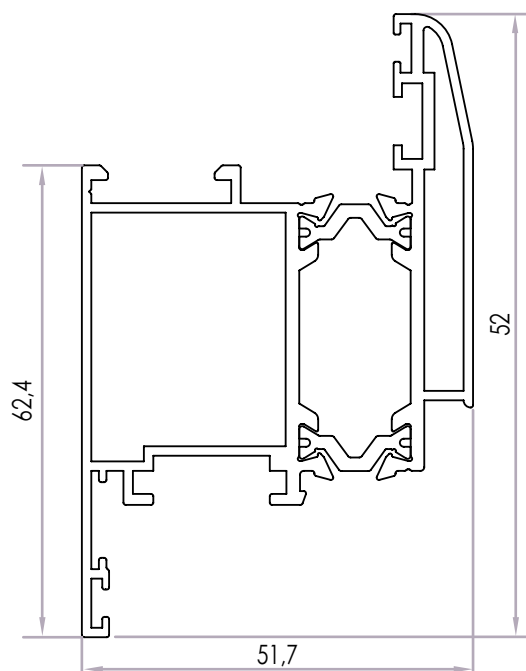
0.0552



VD.2023.55

+E2226

Aro Móvel Elítico Pequeno
Perímetro: 0,59m



Acessórios



ES.2531



ES.A003



ES.4037



DO.6050



OS.M100

OS.1118.93

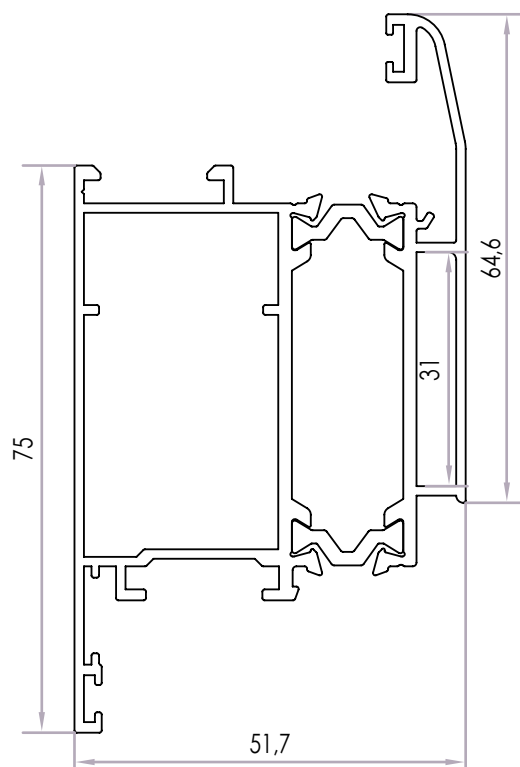
0.0552



VD.2023.55

+E2216

Aro Móvel Elítico Médio
Perímetro: 0,43m



Acessórios



ES.2531



ES.A003



VD.2023.55



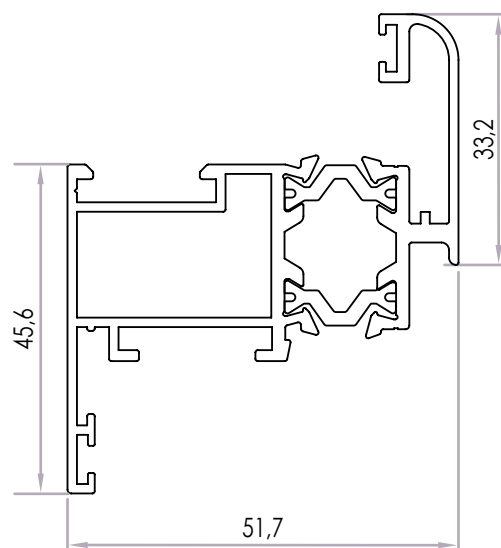
DO.6050
DO.5070



OS.M100
OS.1118.93
0.0552

+E2211

Aro Móvel Elítico Grande
Perímetro: 0,50m



Acessórios



ES.2514



ES.A003



VD.2023.55



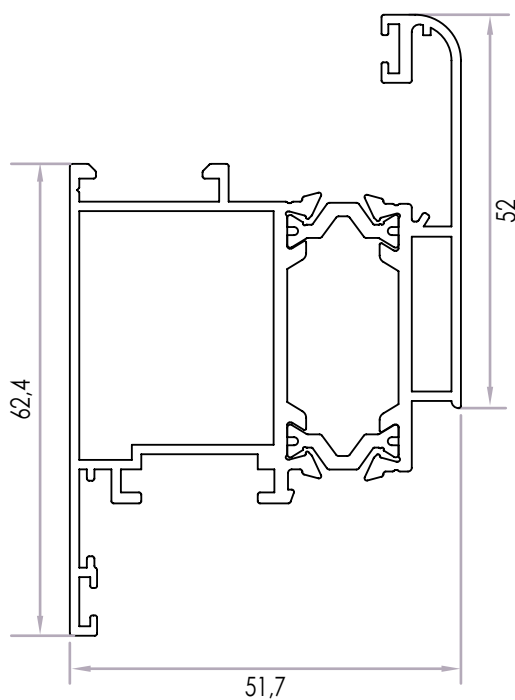
DO.6050
DO.5070



OS.M100
OS.1118.93
0.0552

+E2204

Aro Móvel Pequeno
Redondo s/Furos
Perímetro: 0,43m

**+E2224**

Aro Móvel Curvo
Médio s/Furos
Perímetro: 0,50m

Acessórios



ES.2531



ES.A003



ES.A004



DO.6050



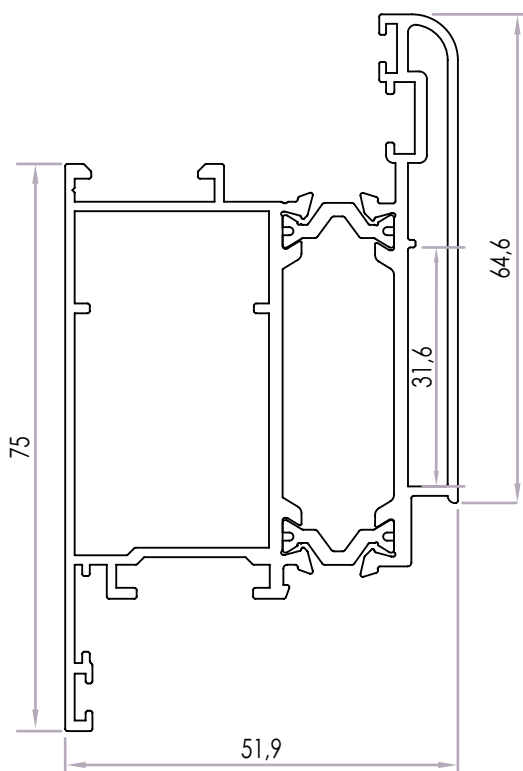
OS.M100

OS.1118.93

0.0552



VD.2023.55

**+E2225**

Aro Móvel Curvo
Grande c/Furos
Perímetro: 0,50m

Acessórios



ES.2531



ES.A003



ES.A119



ES.4037



VD.2023.55



DO.6050



OS.M100

OS.1118.93

0.0552

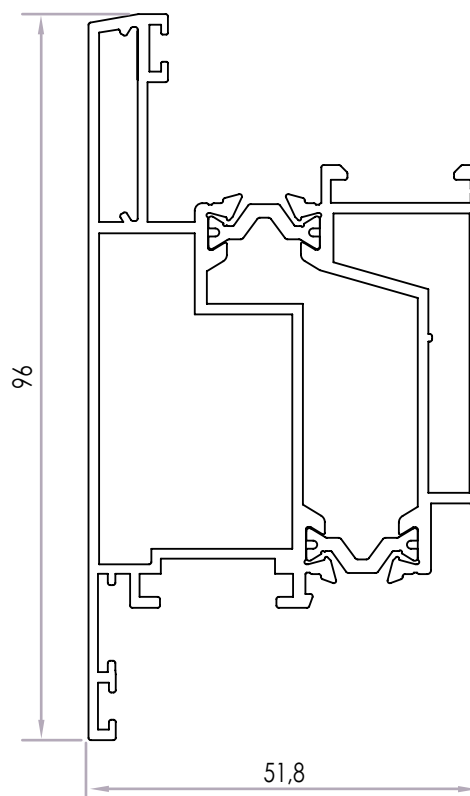
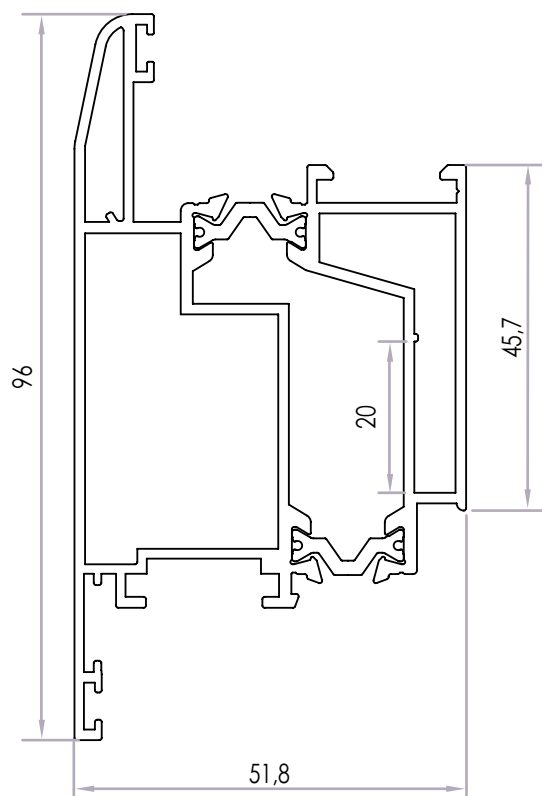




Acessórios



Acessórios



+E2207

Aro Móvel Elítico
de Abertura Exterior
Perímetro: O,45m

+E2227

Aro Móvel Reto
de Abertura Exterior
Perímetro: O,38m

+E2045	+E2014	+E2018	+E2015	+E2019	+E2016	+E2017	+E2217
Caixa 35,3	Caixa 30,8	Caixa 28,8	Caixa 26,7	Caixa 23,9	Caixa 16,7	Caixa 13,8	Caixa 8,3
3	10,5	12,5	14,6	17,4	24,6	27,5	33

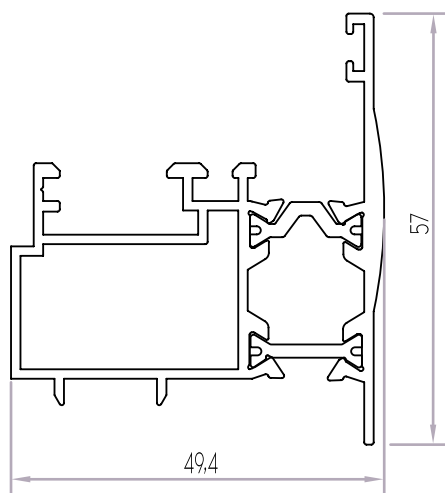
Acessórios



TP.2200



VD.6000



+E2249

Inversor
Perímetro: 0,35m

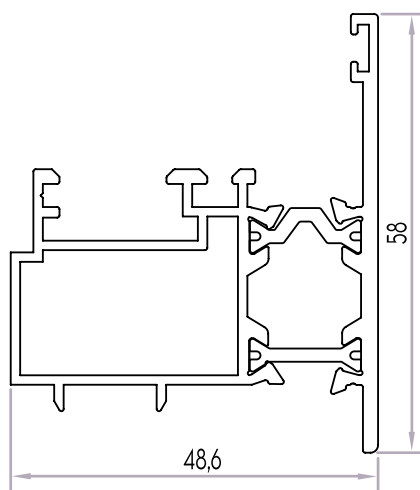
Acessórios



TP.2200



VD.6000



+E2250

Inversor
Perímetro: 0,35m

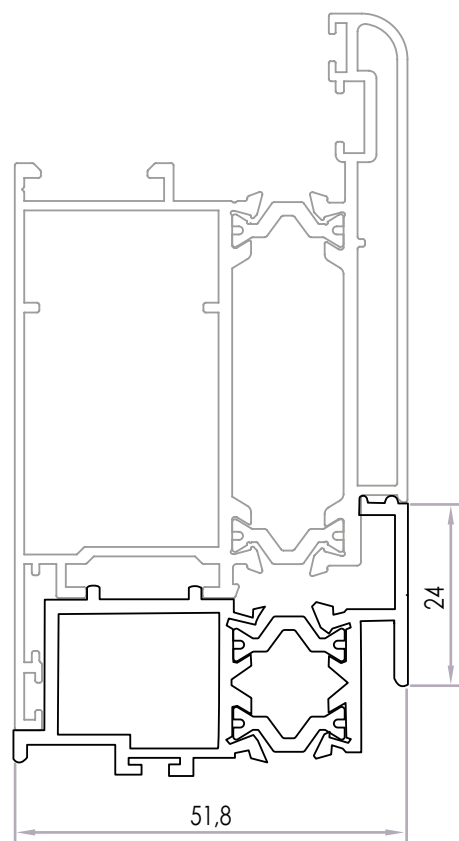
Acessórios



TP.2220



VD.PTP7.7



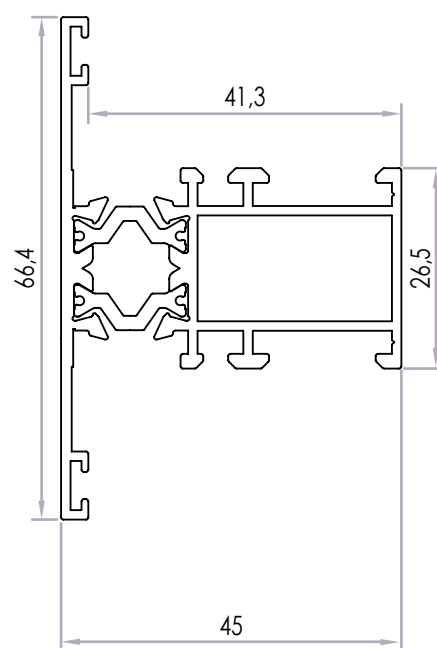
Acessórios



VD.6000



UN.2000.PQ



+E2220

Bite de Porta
Perímetro: 0,30m

+E2201

Travessa Pequena
Perímetro: 0,40m

Acessórios



VD.6000

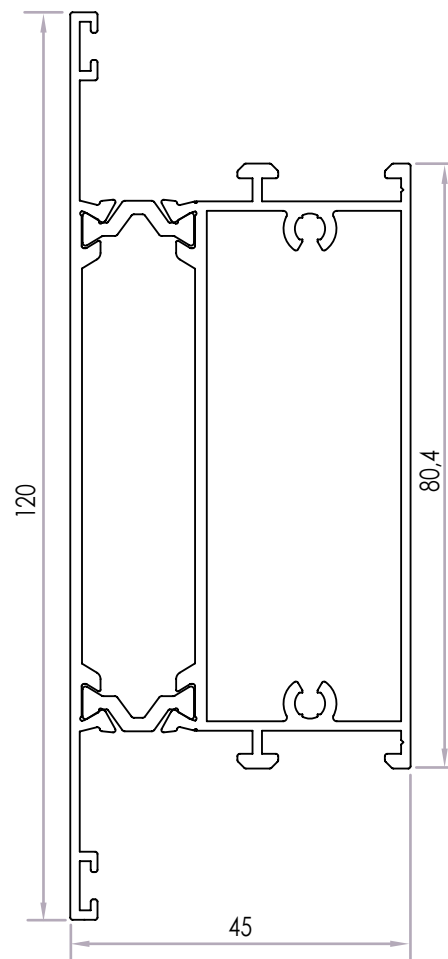
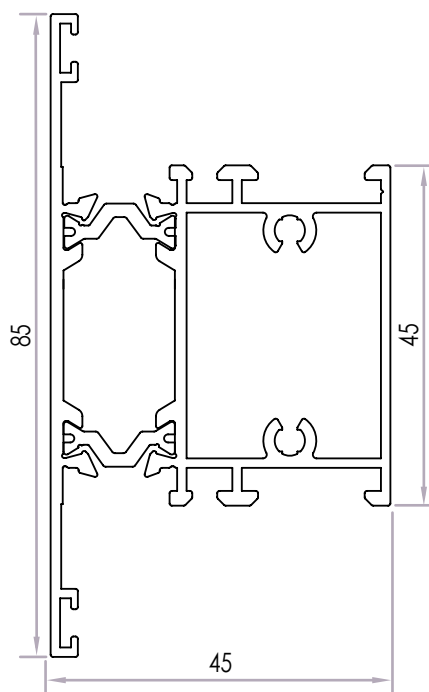
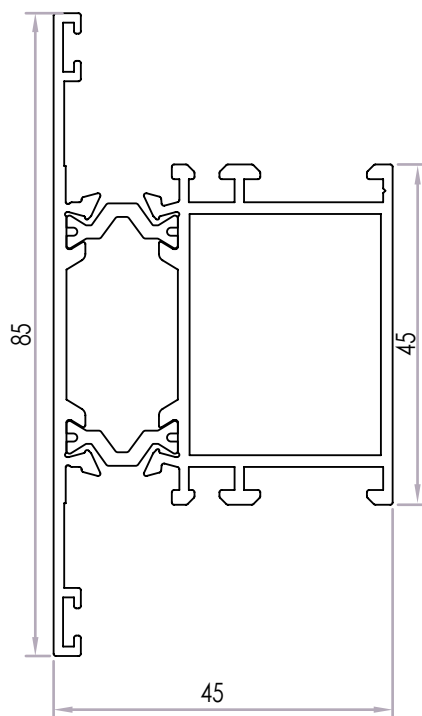


UN.2000.GR

Acessórios



VD.6000



+E2251

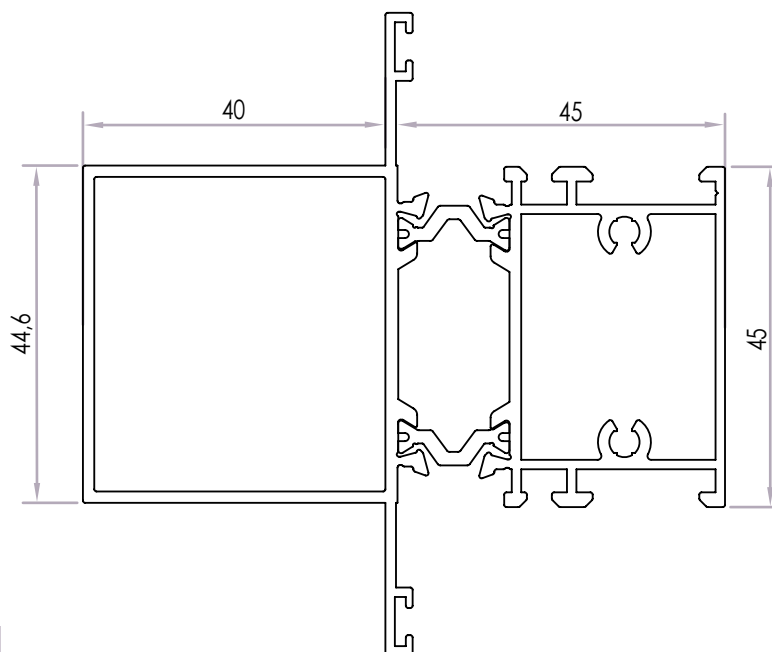
Travessa Média
Perímetro: 0,43m

+E2239

Travessa Média c/Olhais
Perímetro: 0,45m

+E2212

Travessa Grande
Perímetro: 0,50m



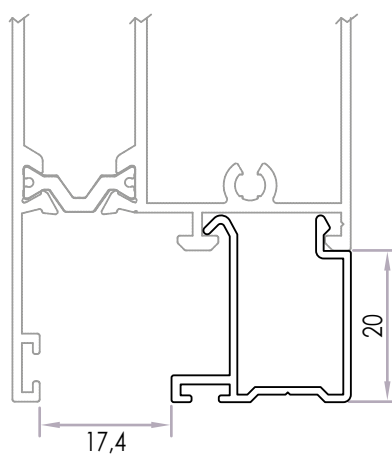
Acessórios



VD.6000

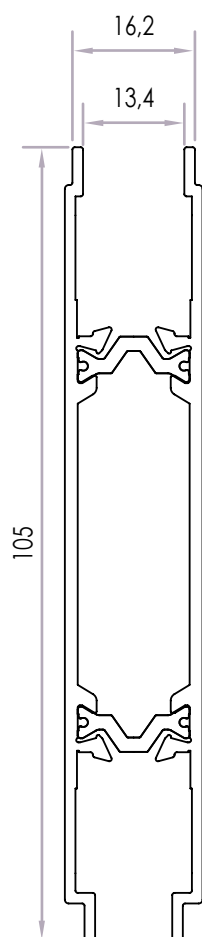
+E2239

Travessa Tê c/ Reforço
Perímetro: 0,45m

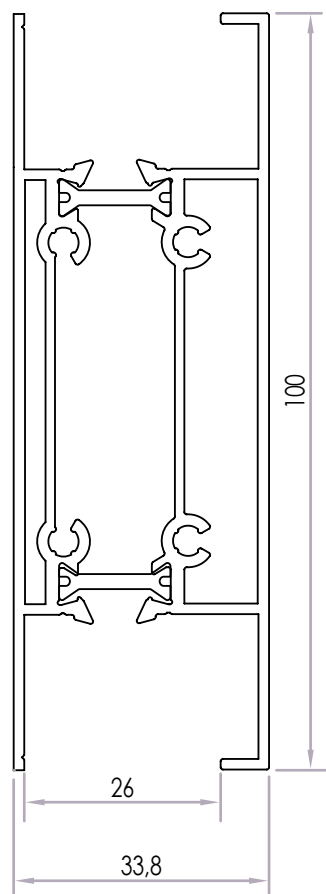


+E2013

Bite p/ Almofada
Perímetro: 0,10m

**+E2230**

Almofada
Perímetro: 0,50m

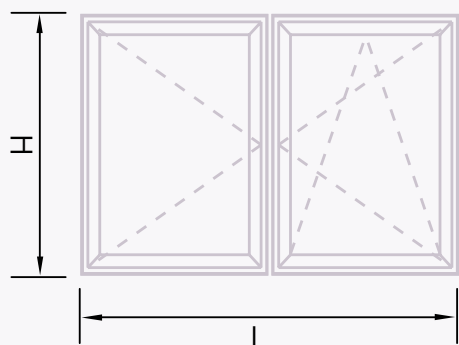
**+E2255**

Almofada s/Bite
Perímetro: 0,45m

Medidas de Corte

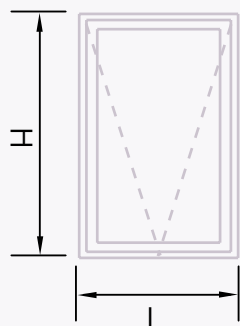
+E2200

Janela de Abrir de 2 Folhas



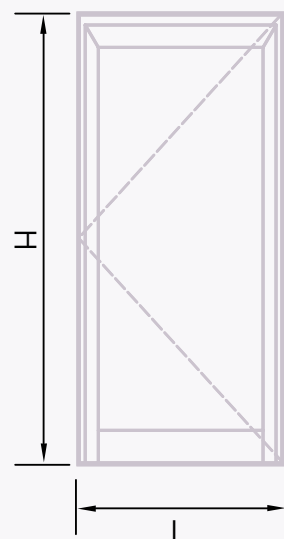
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2 + 2	H ou L
+E2215	Aro Móvel		4 4	H - 78 (L-84) / 2
+E2250	Inversor		1	H - 138

Janela Projetante



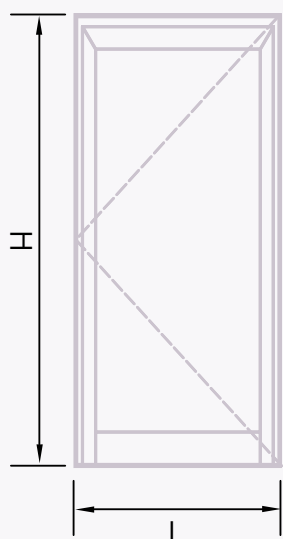
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2 + 2	H ou L
+E2227	Aro Móvel		2 2	H - 78 L - 78

Porta de Abrir de 1 Folha



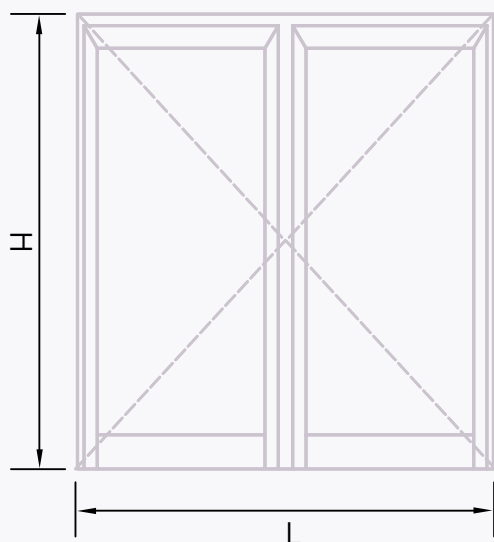
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2 1	H L
+E2225	Aro Móvel		2 1	H - 45 L - 78
+E2212	Travessa		1	L - 22
+E2204	Aro Móvel		1	L - 78

Porta de Abrir de 1 Folha



Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2 1	H L
+E2225	Aro Móvel		2 2	H - 57 L - 78
+E2220	Bite		1	L - 78
+S5005	-		1	L - 91

Porta de Abrir de 2 Folhas



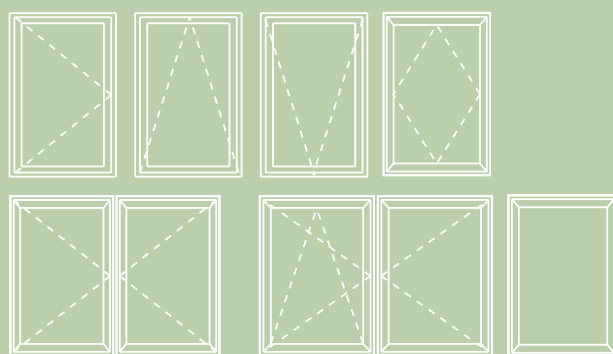
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2 1	H L
+E2225	Aro Móvel		4 2	H - 45 (L/84) - 2
+E2212	Travessa		2	(L - 367) / 2
+E2250	Inversor		1	H - 75



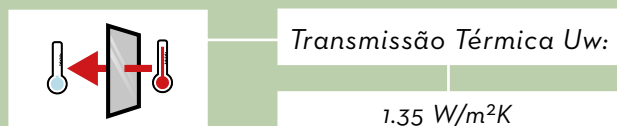
+E2200X

(Câmara Europeia
Corte Térmico 55/60mm)

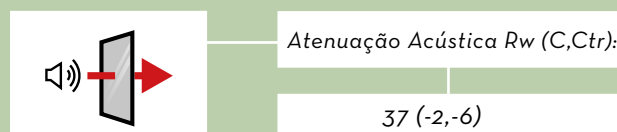
Tipologias



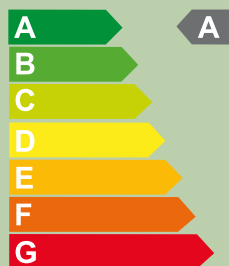
Coeficiente de Transmissão Térmica



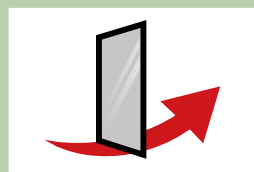
Coeficiente de Atenuação Acústica



Sistema de Etiquetagem Energética de Produtos

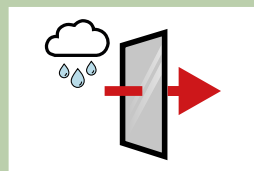


Desempenho Do Sistema +E2000
com vidro $U_g = 0.700$ W/m²K



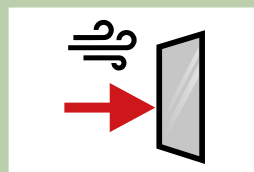
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026)



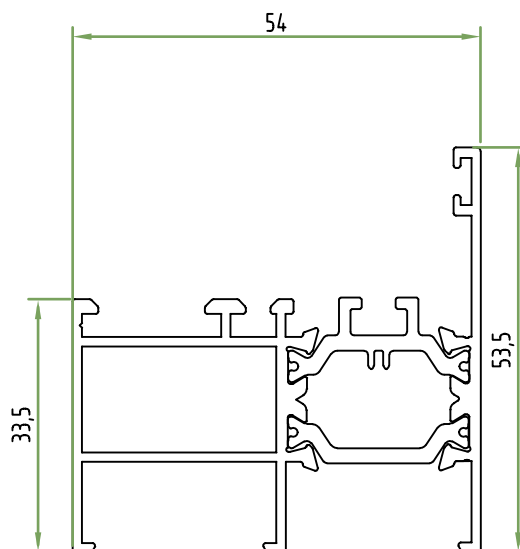
Estanquidade à Água

7A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)



+E2240X

Aro Fixo Médio
Perímetro: 0,35m

Acessórios



ES.2514



VD.6097



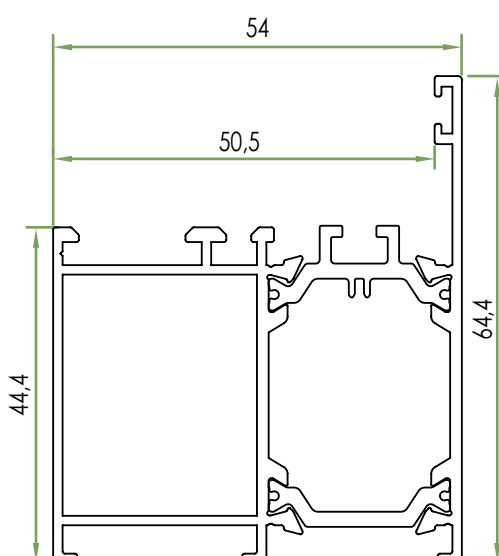
GO.9001



CN.2200.X
Canto Vulcanizado



VD.2028.57



+E2208X

Aro Fixo Grande
Perímetro: 0,41m

Acessórios



ES.2531



VD.6097



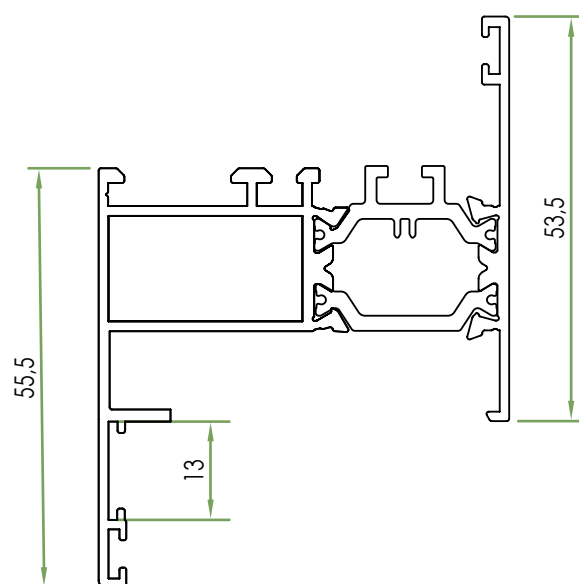
GO.9001



CN.2200.X
Canto Vulcanizado



VD.2028.57



+E2242X

Aro Fixo c/Remate Interior
Perímetro: 0,42m

Acessórios



ES.2514



VD.6097



GO.9001



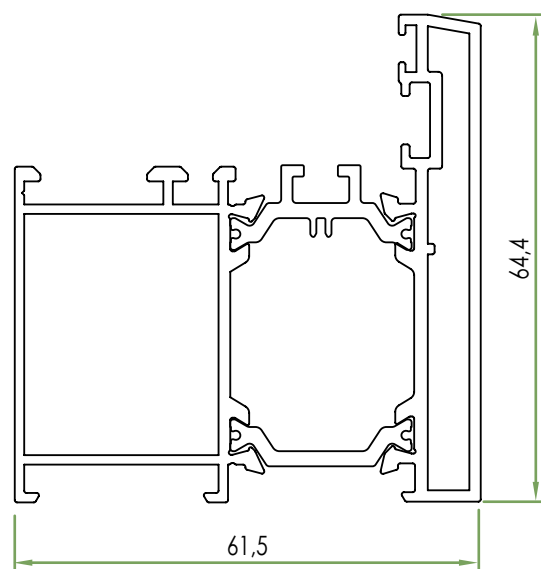
ES.A003



CN.2200.X
Canto Vulcanizado



VD.2028.57



+E2214X

Aro Fixo Grande Reforçado
Perímetro: 0,38m

Acessórios



ES.2531



VD.6097



GO.9001



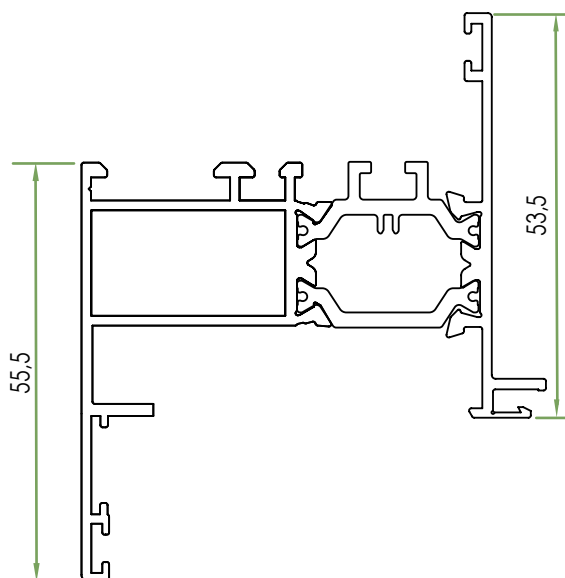
ES.4037



CN.2200.X
Canto Vulcanizado



VD.2028.57



+E2243X

Aro Fixo Pequeno c/Remate Interior e Clip Exterior
Perímetro: 0,45m

Acessórios



ES.2514



VD.6097



GO.9001



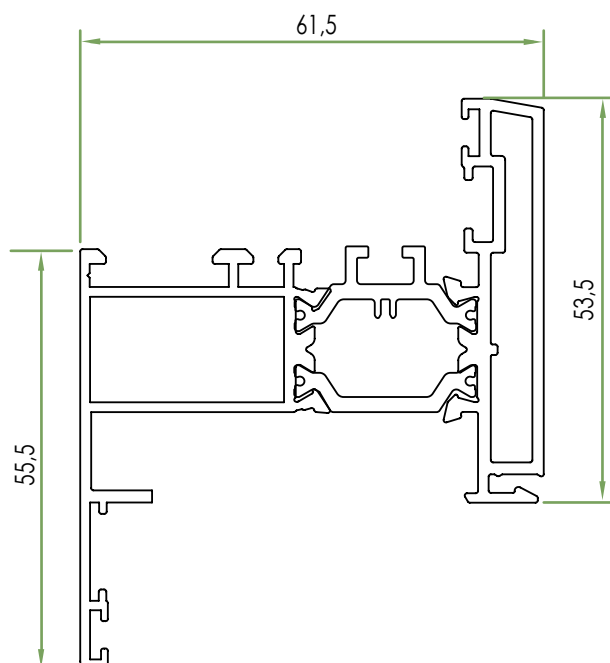
ES.A003



Canto Vulcanizado
CN.2200.X



VD.2028.57



+E2244X

Aro Fixo Pequeno Reforçado
c/ Remate Interior e Clip Exterior
Perímetro: 0,43m

Acessórios



ES.2514



VD.6097



GO.9001



ES.A003



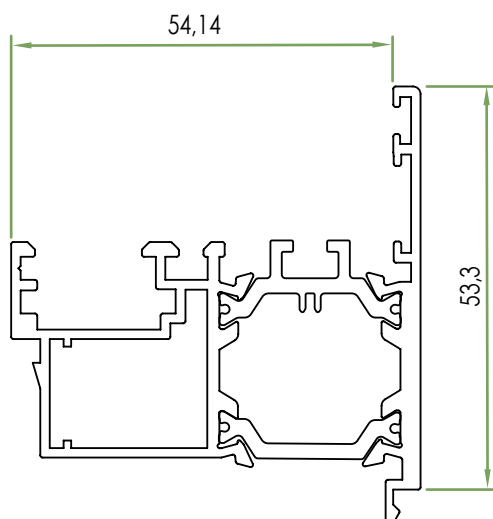
ES.4037



VD.2028.57



Canto Vulcanizado
CN.2200.X



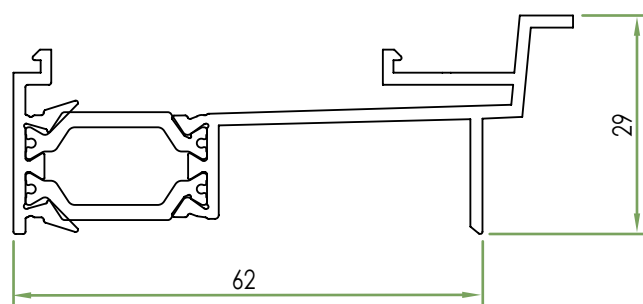
Acessórios



VD.6097

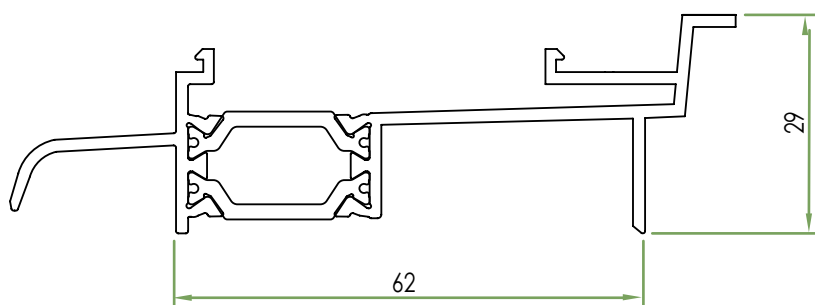
+E2247X

Inversor de Aro Fixo
Perímetro: 0,34m



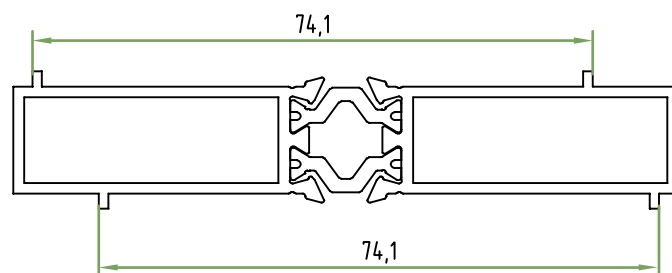
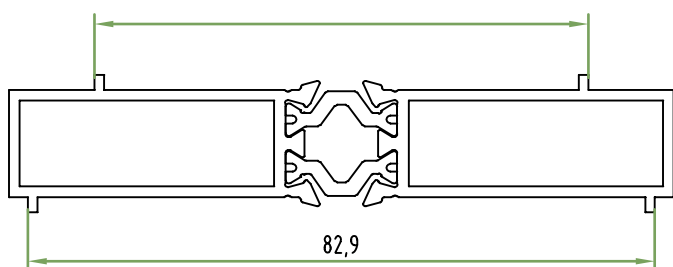
+E2262X

Soleira de Condensação
Perímetro: 0,30m



+E2263X

Soleira de Condensação
Perímetro: 0,39m

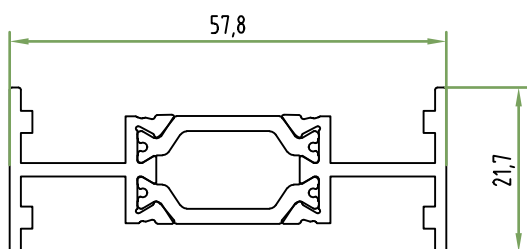


+E2291X

Ligação de Séries
Perímetro: 0,28m

+E2292X

Ligação de Série
Perímetro: 0,28m

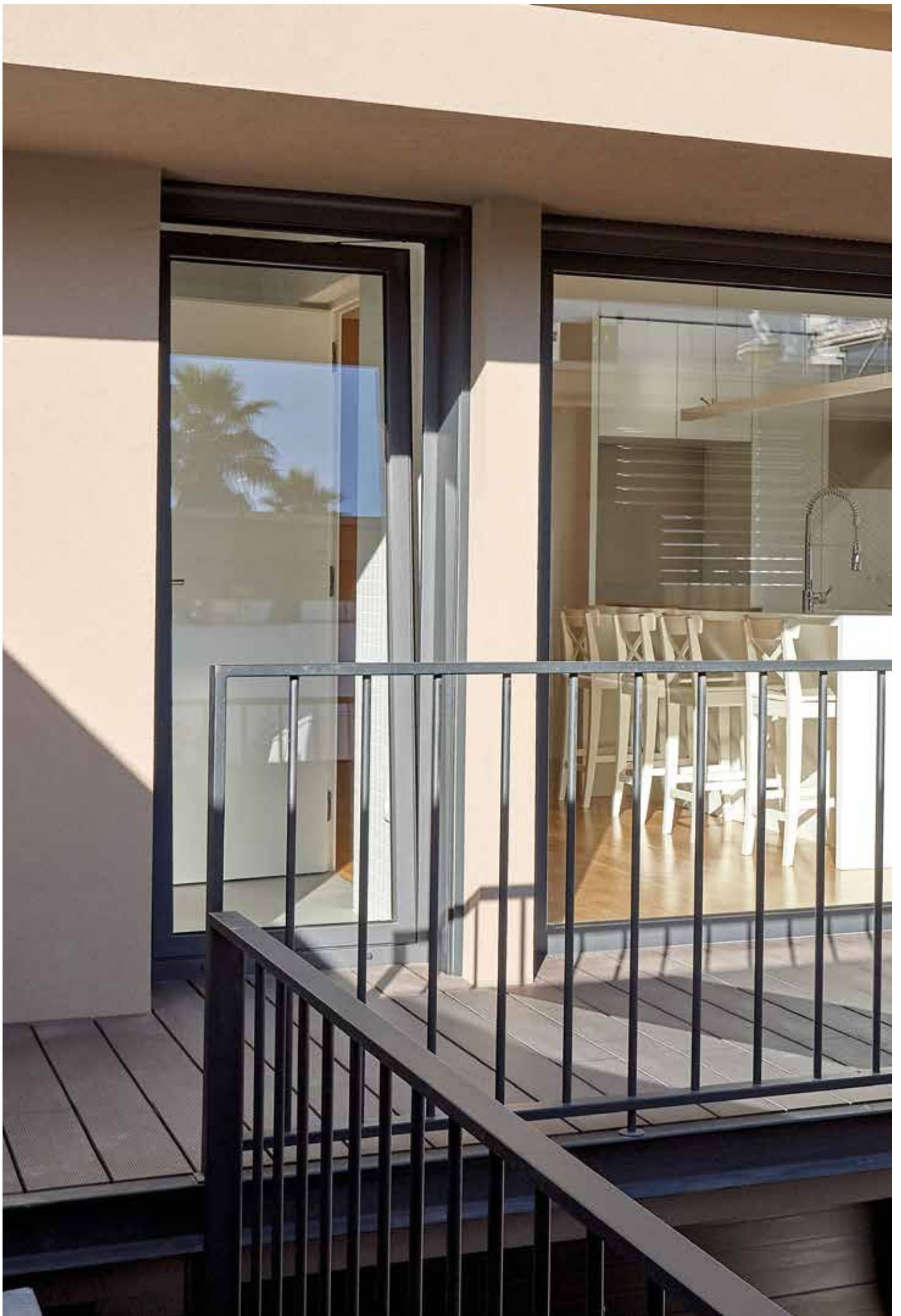


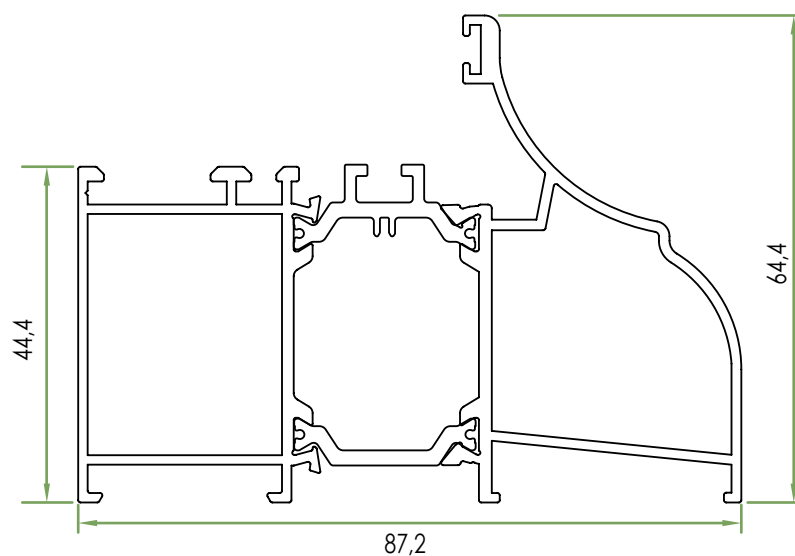
+E2290X

Ligação de Aros Fixos
Perímetro: 0,21m

+E2045	+E2014	+E2018	+E2015	+E2019	+E2016	+E2017	+E2217
Caixa 44,5	Caixa 40	Caixa 38	Caixa 35,9	Caixa 33,1	Caixa 25,9	Caixa 23	Caixa 17,5
6	10,5	12,5	14,6	17,4	24,6	27,5	33







Acessórios



ES.2531



VD.6097



GO.9001



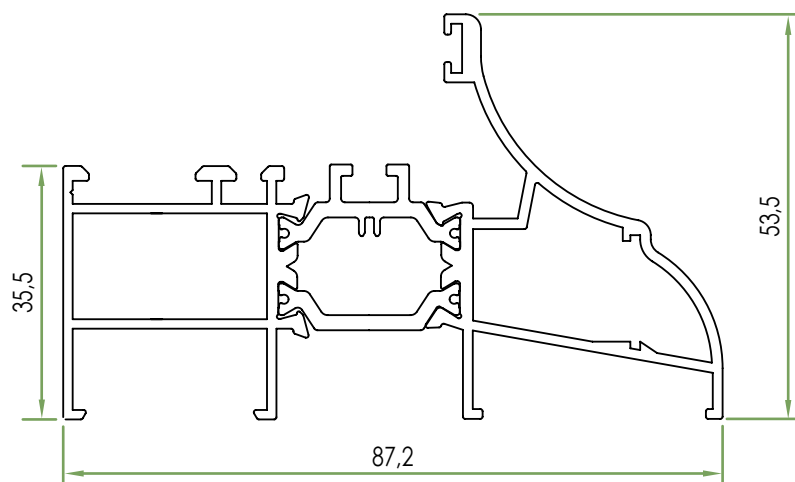
CN.2200.X
Canto Vulcanizado



VD.2028.57

+E2267X

Aro Fixo Rústico Grande
Perímetro: 0,46m



Acessórios



ES.2514



VD.6097



GO.9001



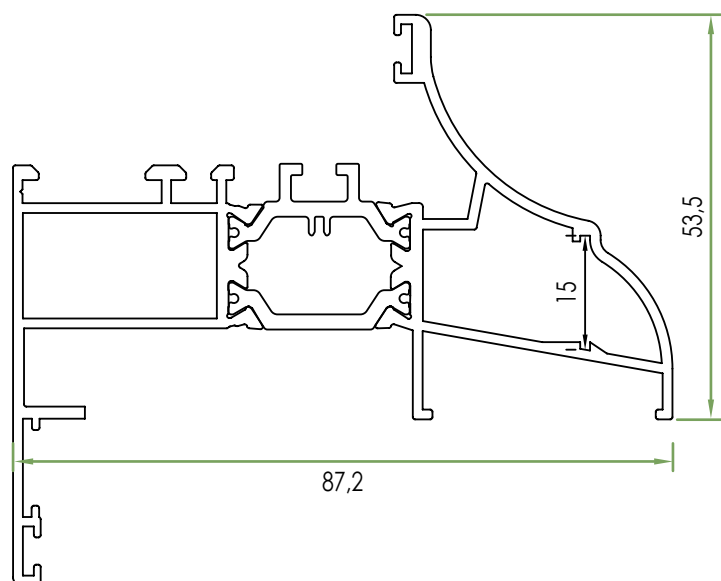
CN.2200.X
Canto Vulcanizado



VD.2028.57

+E2265X

Aro Fixo Rústico Pequeno
Perímetro: 0,42m



Acessórios



ES.2514



VD.6097



GO.9001



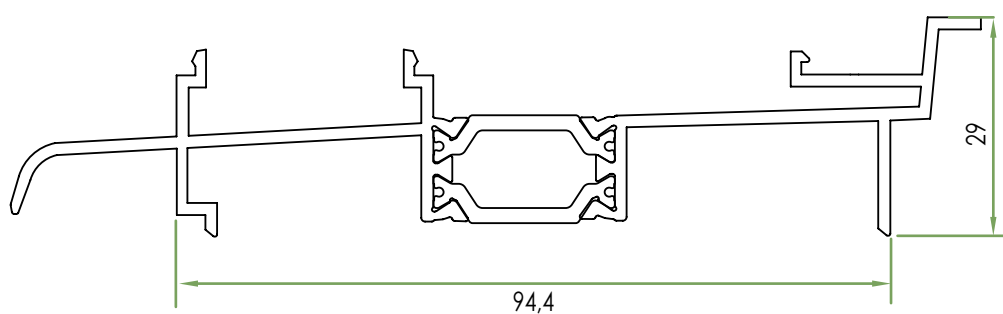
ES.A003

CN.2200.X
Canto Vulcanizado

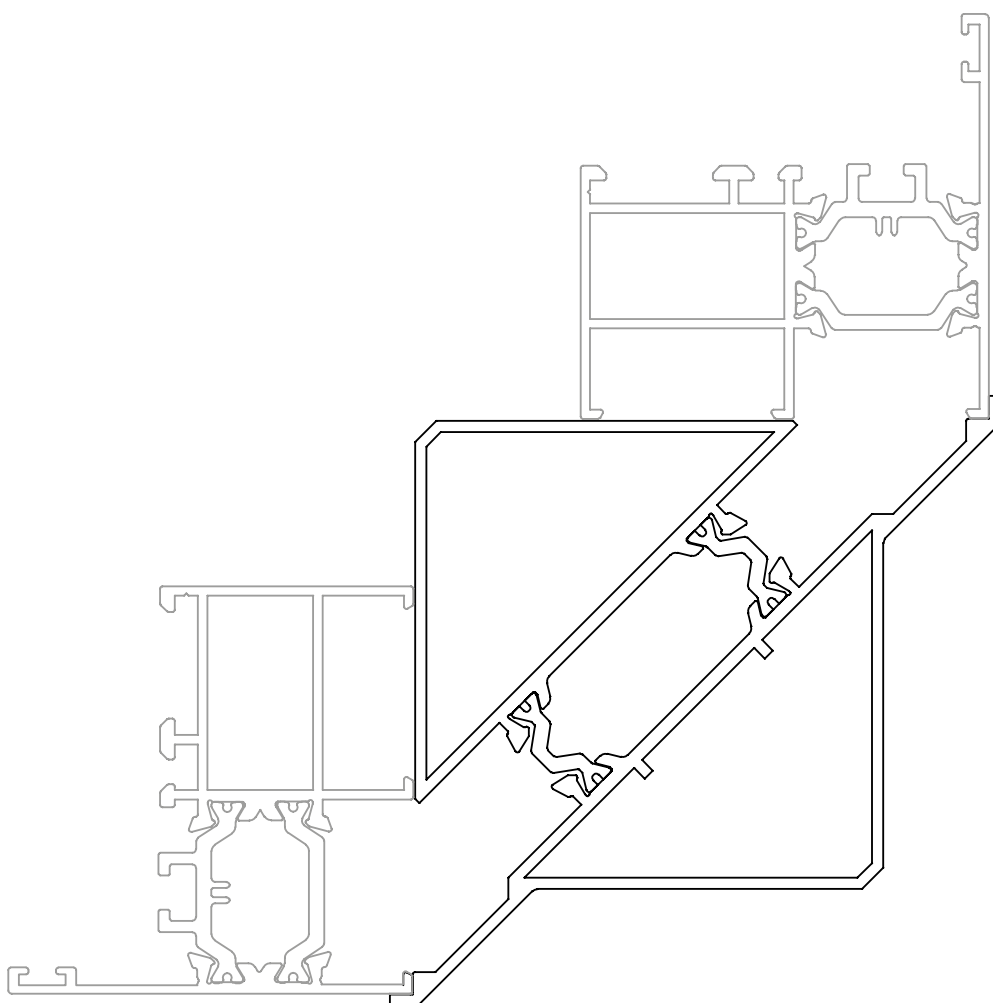
VD.2028.57

+E2266X

Aro Fixo Rústico Pequeno
c/ Remate Interior
Perímetro: 0,47m

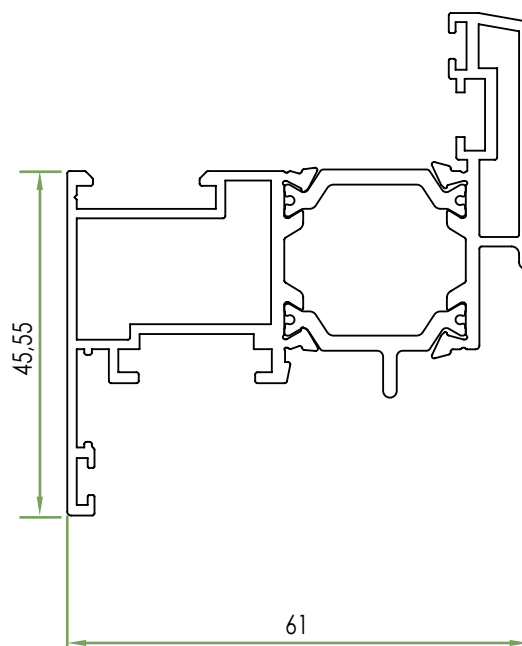
**+E2264X**

Soleira de Condensação
Perímetro: 0,47m

**+E2293**

Canto de Ligação de Séries 90°
Perímetro: 0,49m

+E2045	+E2014	+E2018	+E2015	+E2019	+E2016	+E2017	+E2217
Caixa 44,5	Caixa 40	Caixa 38	Caixa 35,9	Caixa 33,1	Caixa 25,9	Caixa 23	Caixa 17,5
6	10,5	12,5	14,6	17,4	24,6	27,5	33



+E2213X

Aro Móvel Pequeno Reto
Perímetro: 0,42m

Acessórios



ES.2514



ES.4037



ES.A003



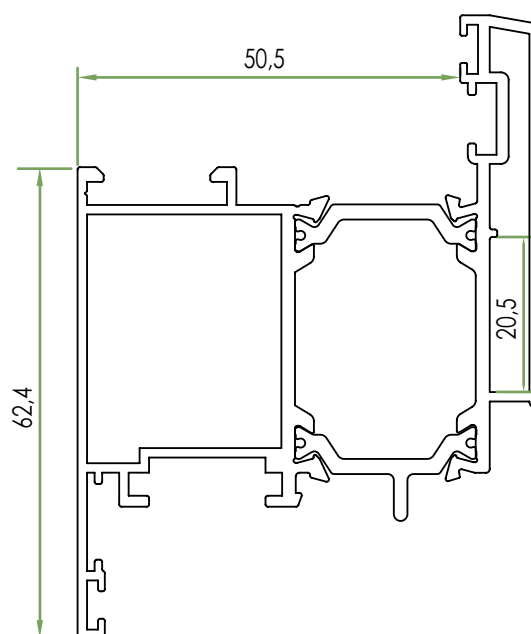
DO.6050
DO.5070



OS.M100
OS.1118.93
0.0552



VD.2023.55



+E2215X

Aro Móvel Médio Reto
Perímetro: 0,45m

Acessórios



ES.2531



ES.4037



ES.A003



DO.6050
DO.5070

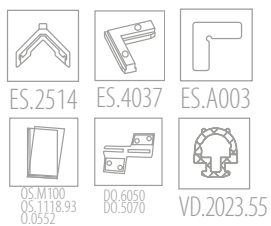


OS.M100
OS.1118.93
0.0552

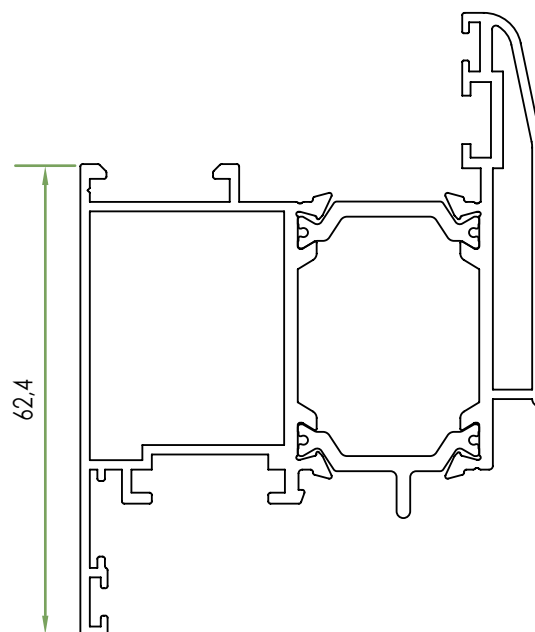
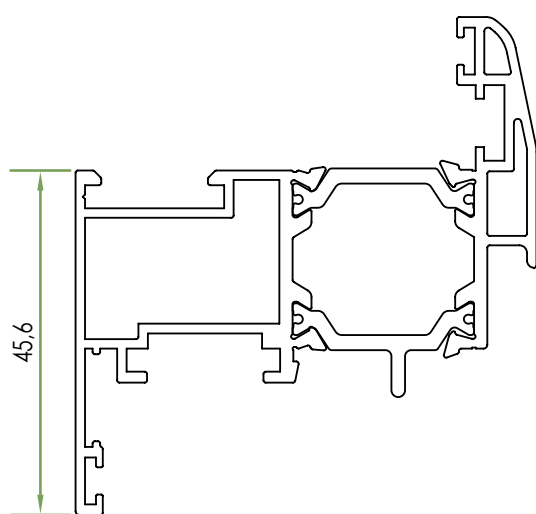
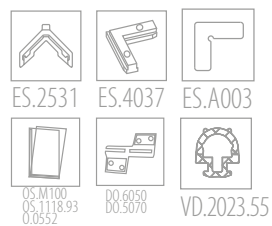


VD.2023.55

Acessórios



Acessórios



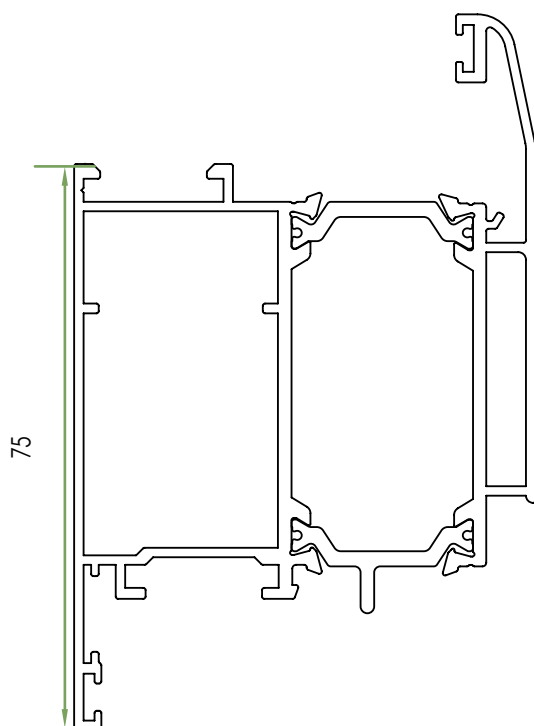
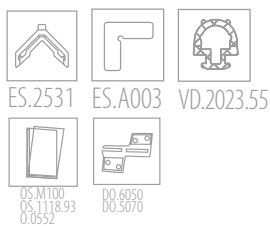
+E2226X

Aro Móvel Elítico Pequeno
Perímetro: 0,38m

+E2216X

Aro Móvel Elítico Médio
Perímetro: 0,43m

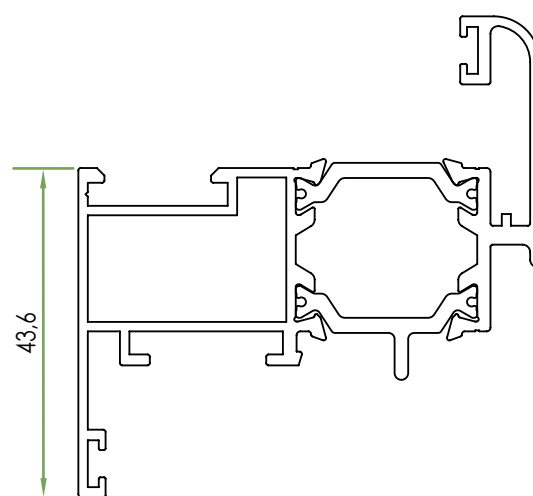
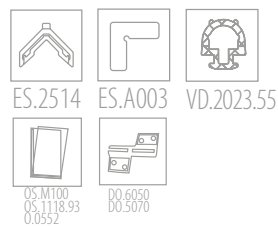
Acessórios



+E2211X

Aro Móvel Elítico Grande
Perímetro: 0,50m

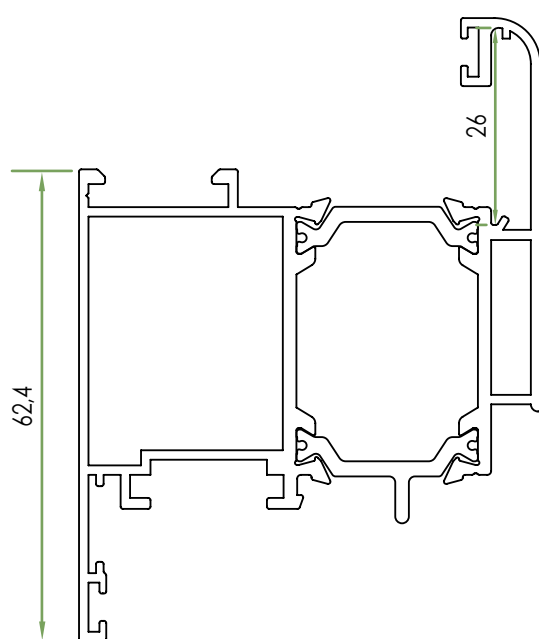
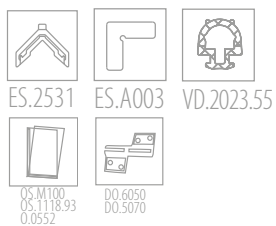
Acessórios



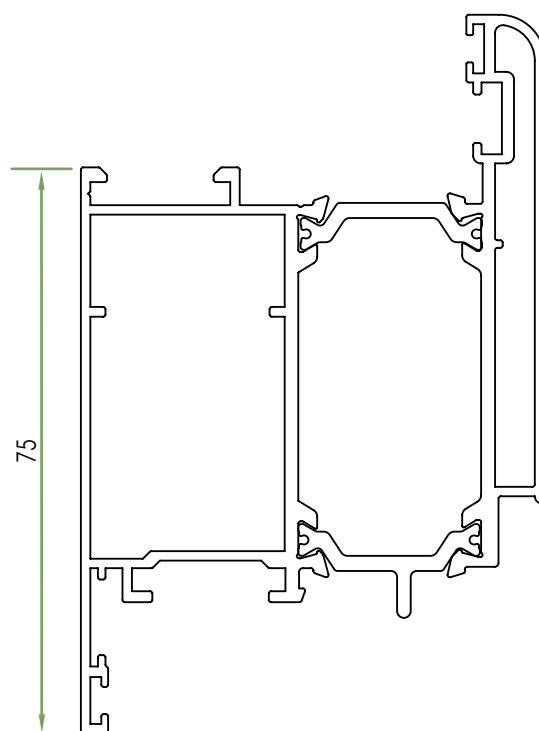
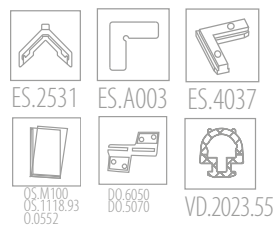
+E2204X

Aro Móvel Curvo Pequeno
Perímetro: 0,43m

Acessórios



Acessórios



+E2224X

Aro Móvel Curvo Médio
Perímetro: 0,50m

+E2225X

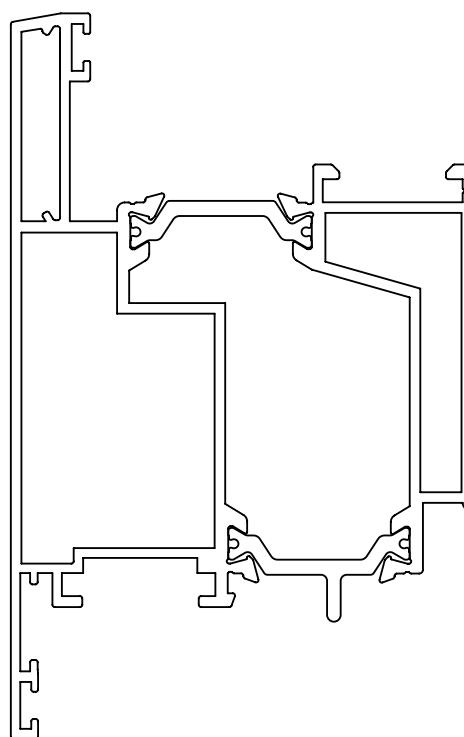
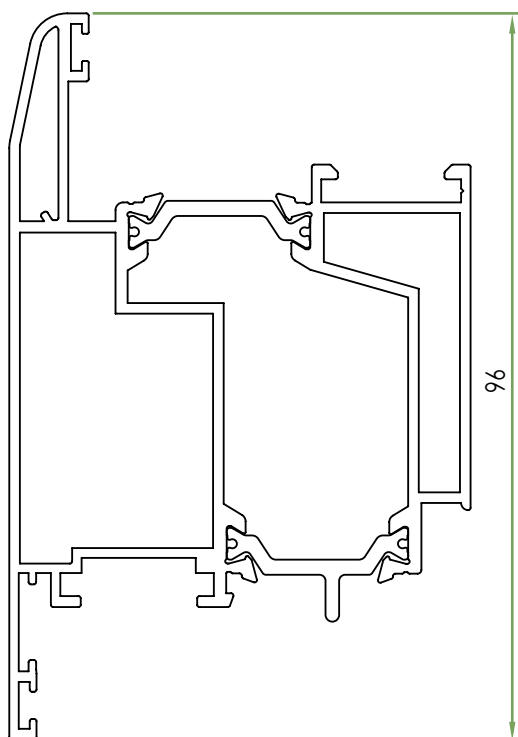
Aro Móvel Curvo Grande
Perímetro: 0,50m



Acessórios



Acessórios



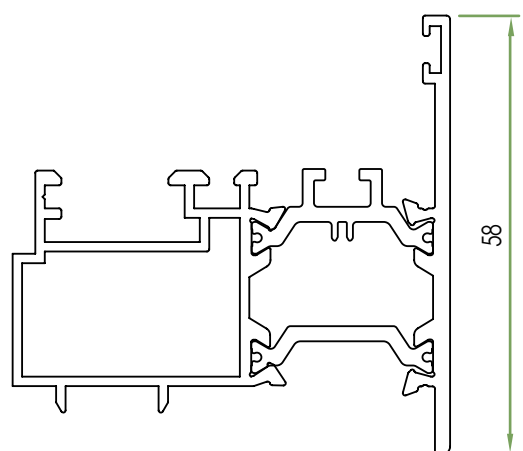
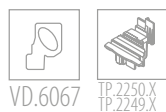
+E2207X

Aro Móvel Elítico
de Abertura Exterior
Perímetro: 0,45m

+E2227X

Aro Móvel Reto
de Abertura Exterior
Perímetro: 0,38m

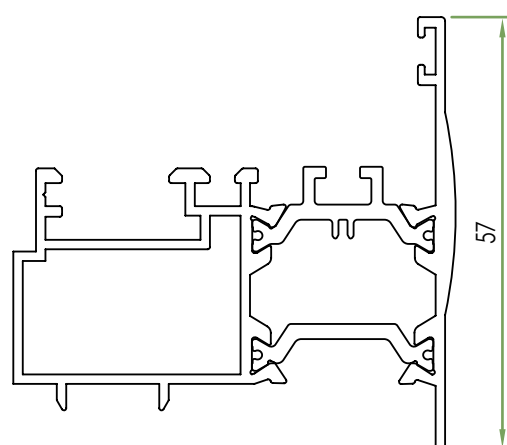
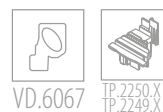
Acessórios



+E2250X

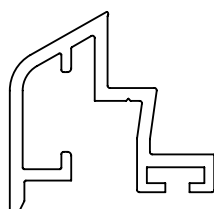
Inversor
Perímetro: 0,35m

Acessórios



+E2249X

Inversor
Perímetro: 0,35m

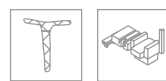


+E2665

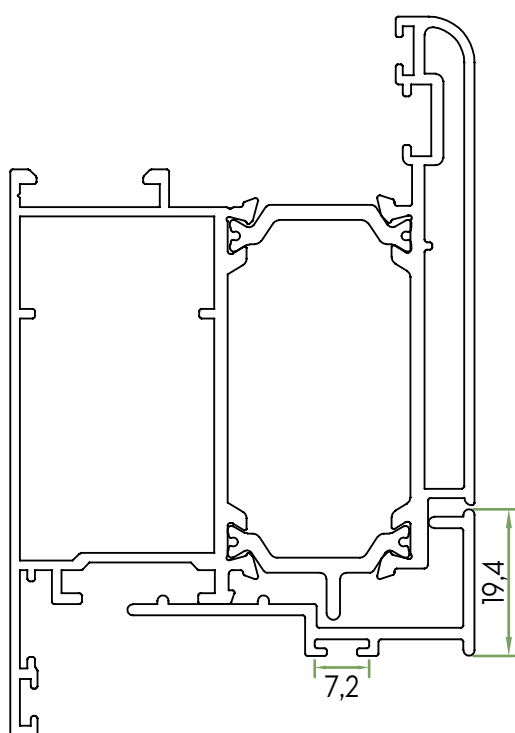
Pingadeira

+E2045 Caixa 44,5	+E2014 Caixa 40	+E2018 Caixa 38	+E2015 Caixa 35,9	+E2019 Caixa 33,1	+E2016 Caixa 25,9	+E2017 Caixa 23	+E2217 Caixa 17,5
6	10,5	12,5	14,6	17,4	24,6	27,5	33

Acessórios

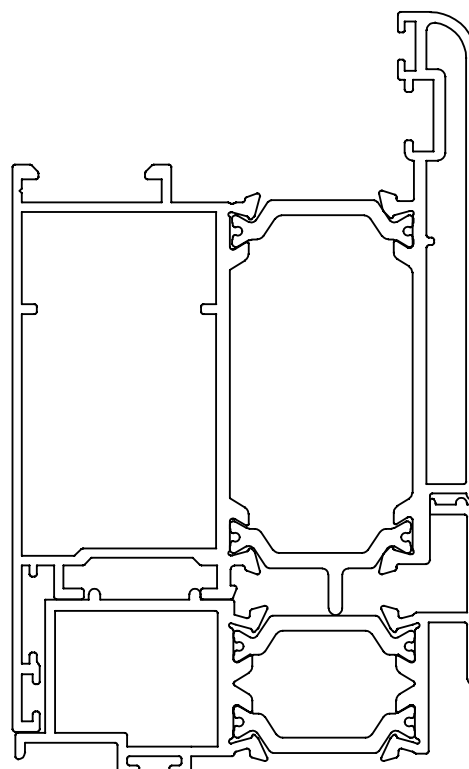


VD.PTP7.7 TP.2220.X



+E2219

Remate Fundo Porta Simples
Perímetro: 0,16m



+E2220X

Remate Fundo Porta
Perímetro: 0,30m

Acessórios



VD.6097



UN.2000.PQ

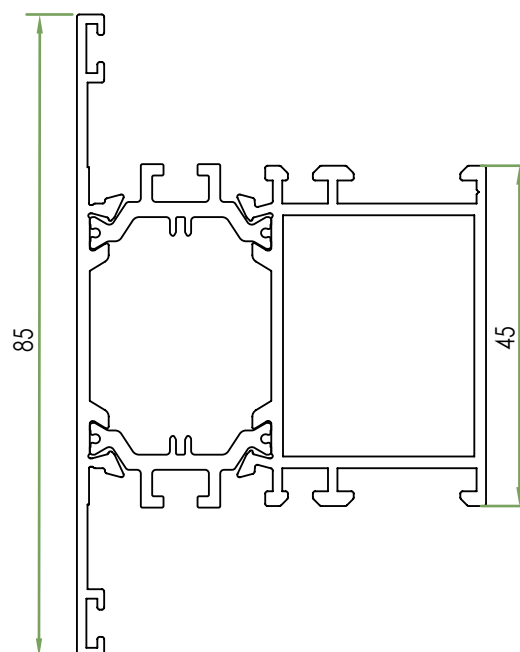
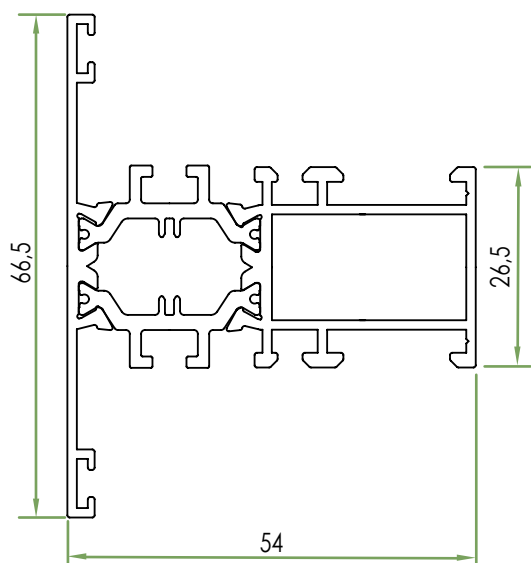
Acessórios



VD.6097



UN.2000.GR



+E2201X

Travessa Pequena
Perímetro: 0,40m

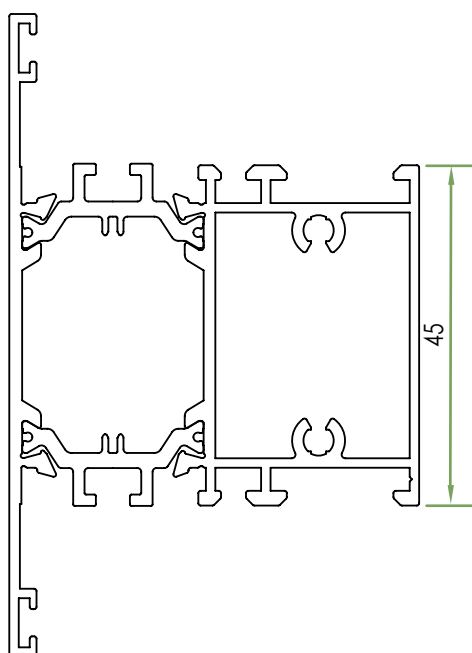
+E2251X

Travessa Média
Perímetro: 0,43m

Acessórios

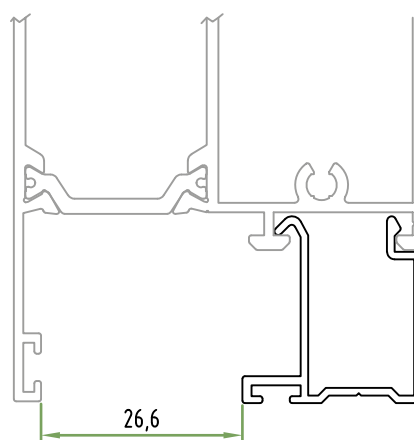


VD.6097



+E2239X

Travessa Média c/Olhais
Perímetro: 0,45m



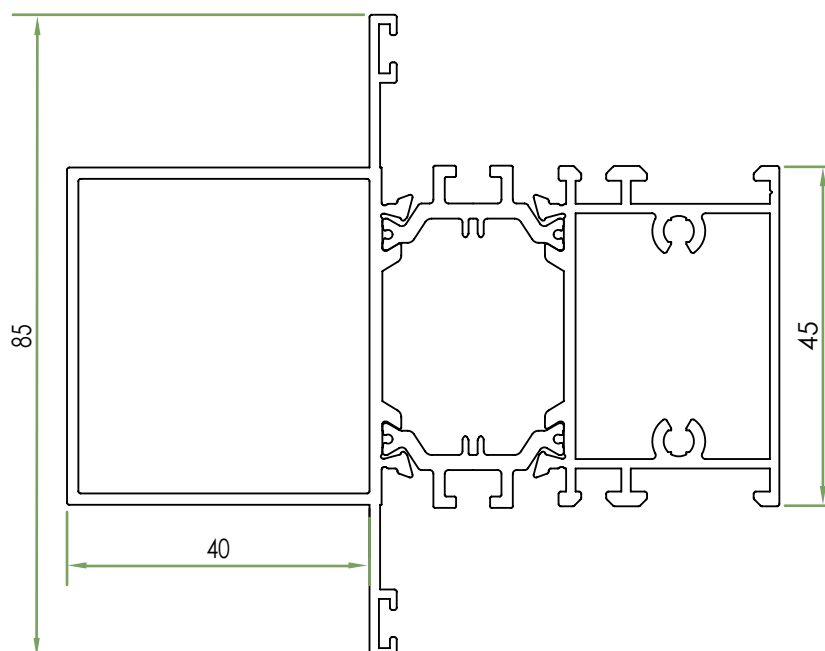
+E2013

Bite p/Almofada
Perímetro: 0,18m

Acessórios

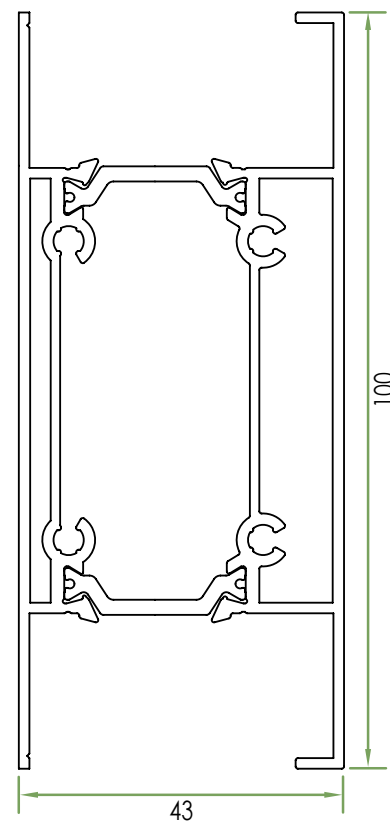
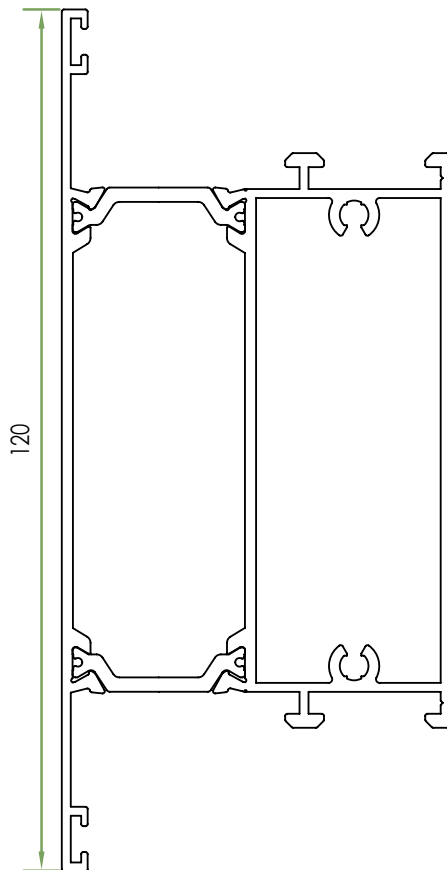
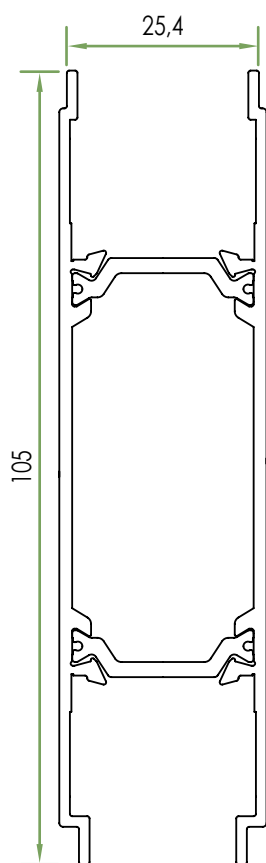


VD.6097



+E2239X

Travessa Média c/ Reforço
Perímetro: 0,45m

**+E2230X**

Almofada / Chapa
Perímetro: 0,50m

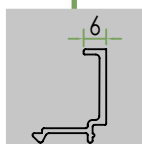
+E2212X

Almofada Central
Perímetro: 0,50m

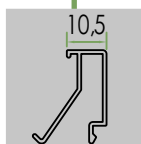
+E2255X

Almofada s/Bite
Perímetro: 0,45m

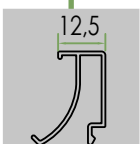
+E2045
Caixa 44,5



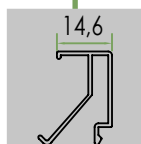
+E2014
Caixa 40



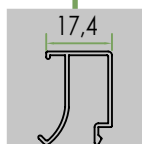
+E2018
Caixa 38



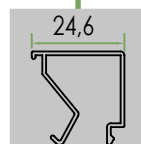
+E2015
Caixa 35,9



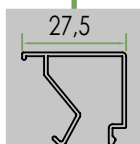
+E2019
Caixa 33,1



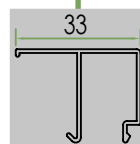
+E2016
Caixa 25,9



+E2017
Caixa 23



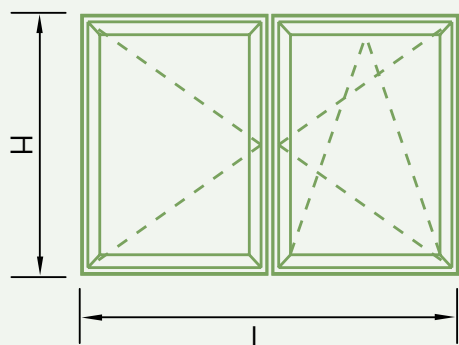
+E2217
Caixa 17,5



Medidas de Corte

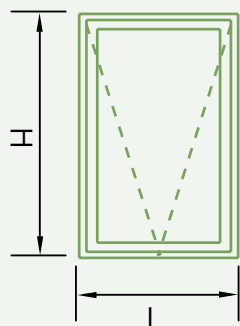
+E2200X

Janela de Abrir de 2 Folhas



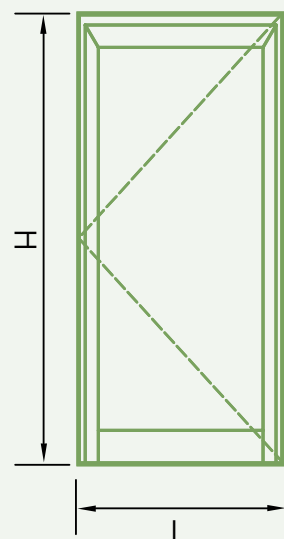
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208X	Aro Fixo		2 + 2	H ou L
+E2215X	Aro Móvel		4	H - 78
			4	(L-84) / 2
+E2250X	Inversor		1	H - 138

Janela Projetante



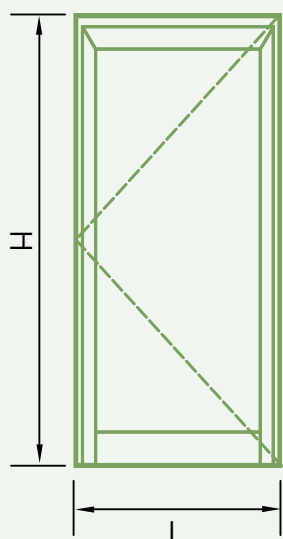
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208X	Aro Fixo		2 + 2	H ou L
+E2227X	Aro Móvel		2	H - 78
			2	L - 78

Porta de Abrir de 1 Folha



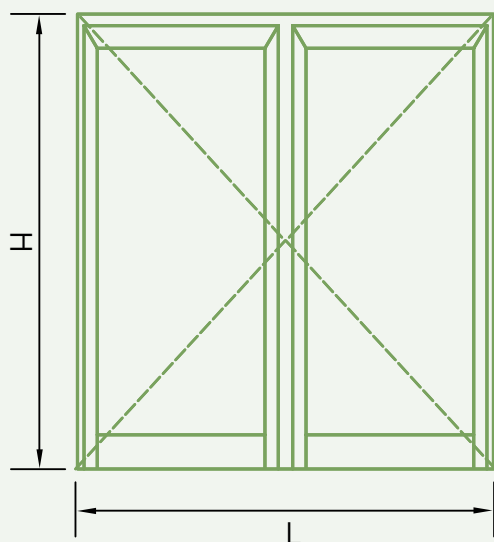
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208	Aro Fixo		2	H
			1	L
+E2225	Aro Móvel		2	H - 45
			1	L - 78
+E2212	Travessa		1	L - 22
+E2204	Aro Móvel		1	L - 78

Porta de Abrir de 1 Folha



Perfil	Descrição	Corte	Quantidade	Medidas
+E2208X	Aro Fixo		2 1	H L
+E2225X	Aro Móvel		2 2	H - 57 L - 78
+E2220X	Bite		1	L - 78
+S5005X	-		1	L - 91

Porta de Abrir de 2 Folhas



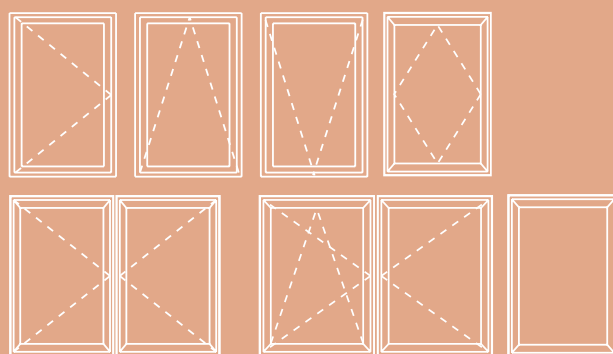
Perfil	Descrição	Corte	Quantidade	Medidas
+E2208X	Aro Fixo		2 1	H L
+E2225X	Aro Móvel		4 2	H - 45 (L/84) - 2
+E2212X	Travessa		2	(L - 367) / 2
+E2250X	Inversor		1	H - 75



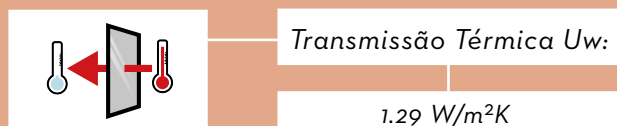
+A6000

(Câmara Europeia
Corte Térmico 60mm)

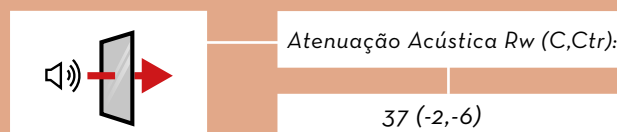
Tipologias



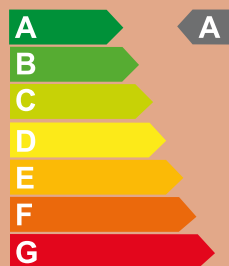
Coeficiente de Transmissão Térmica



Coeficiente de Atenuação Acústica



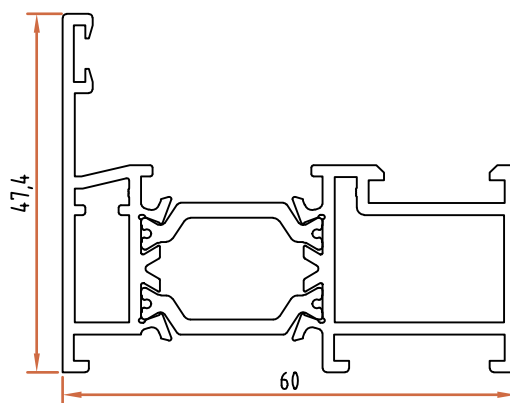
Sistema de Etiquetagem Energética de Produtos



Desempenho Do Sistema +A6000 com vidro $U_g = 0.700$ W/m²K



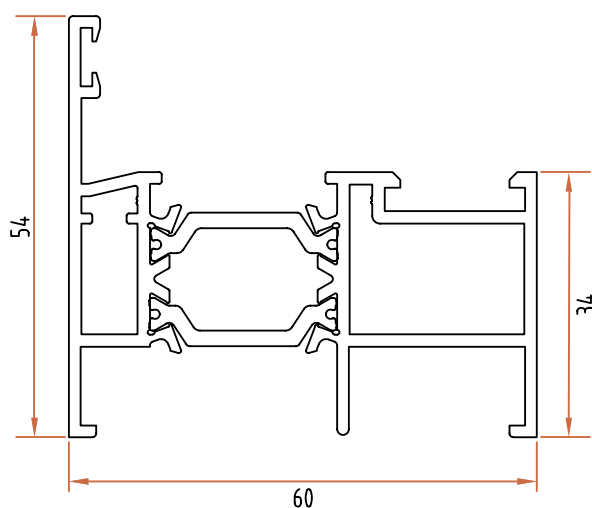
Acessórios



+A6003

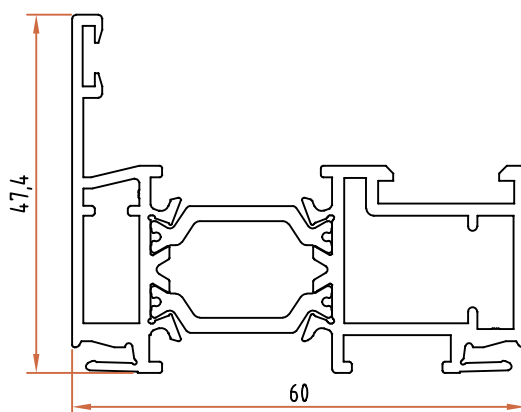
Aro Fixo Pequeno
Perímetro: 0,34m

Acessórios

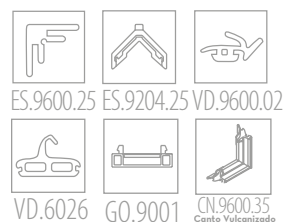


+A6081

Aro Fixo Médio
Perímetro: 0,38m

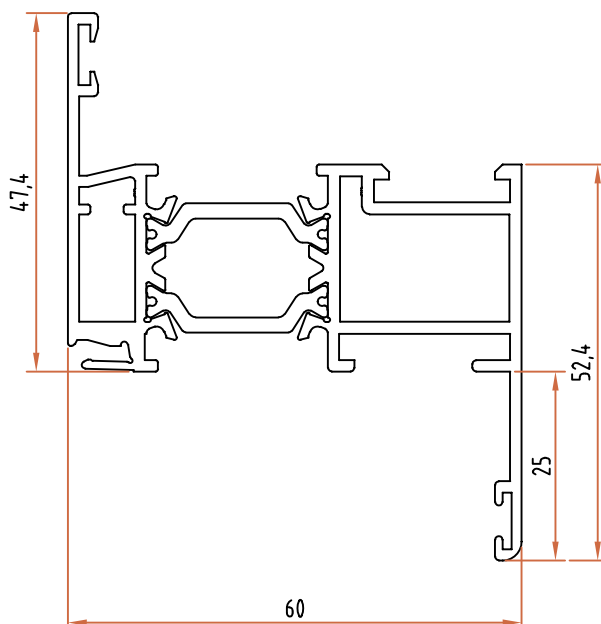


Acessórios

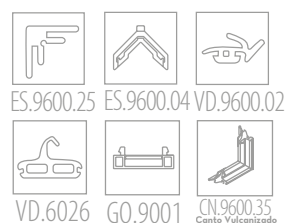


+A6080

Aro Fixo Pequeno c/Clip
Interior/Exterior
Perímetro: 0,37m

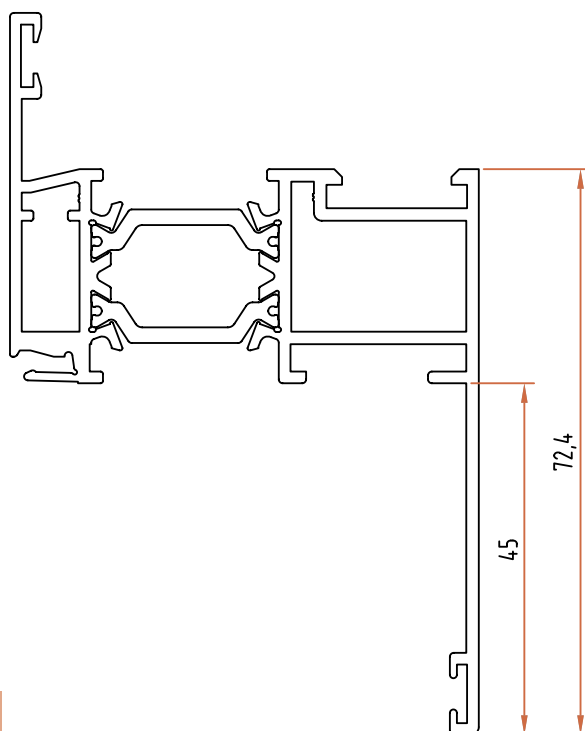


Acessórios

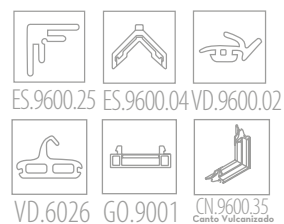


+A6074

Aro Fixo Pequeno c/Remate
Interior 25 e Clip Exterior
Perímetro: 0,43m

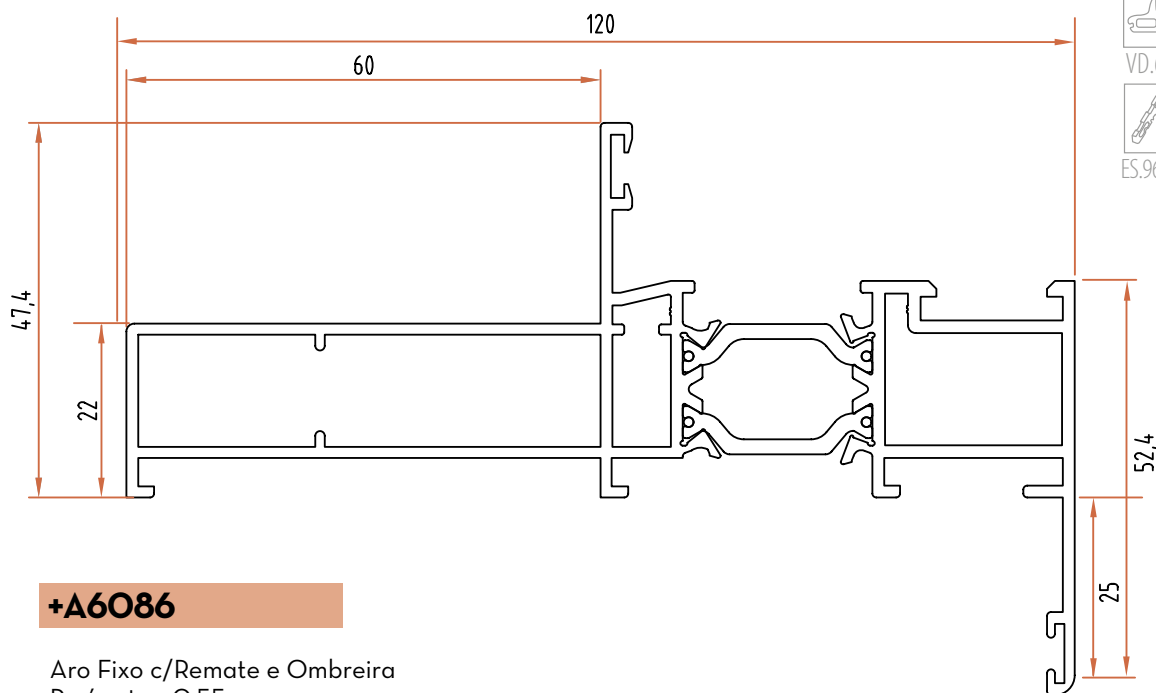


Acessórios

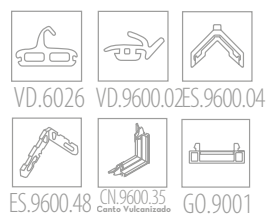


+A6075

Aro Fixo Pequeno c/Remate
Interior 45 e Clip Exterior
Perímetro: 0,47m

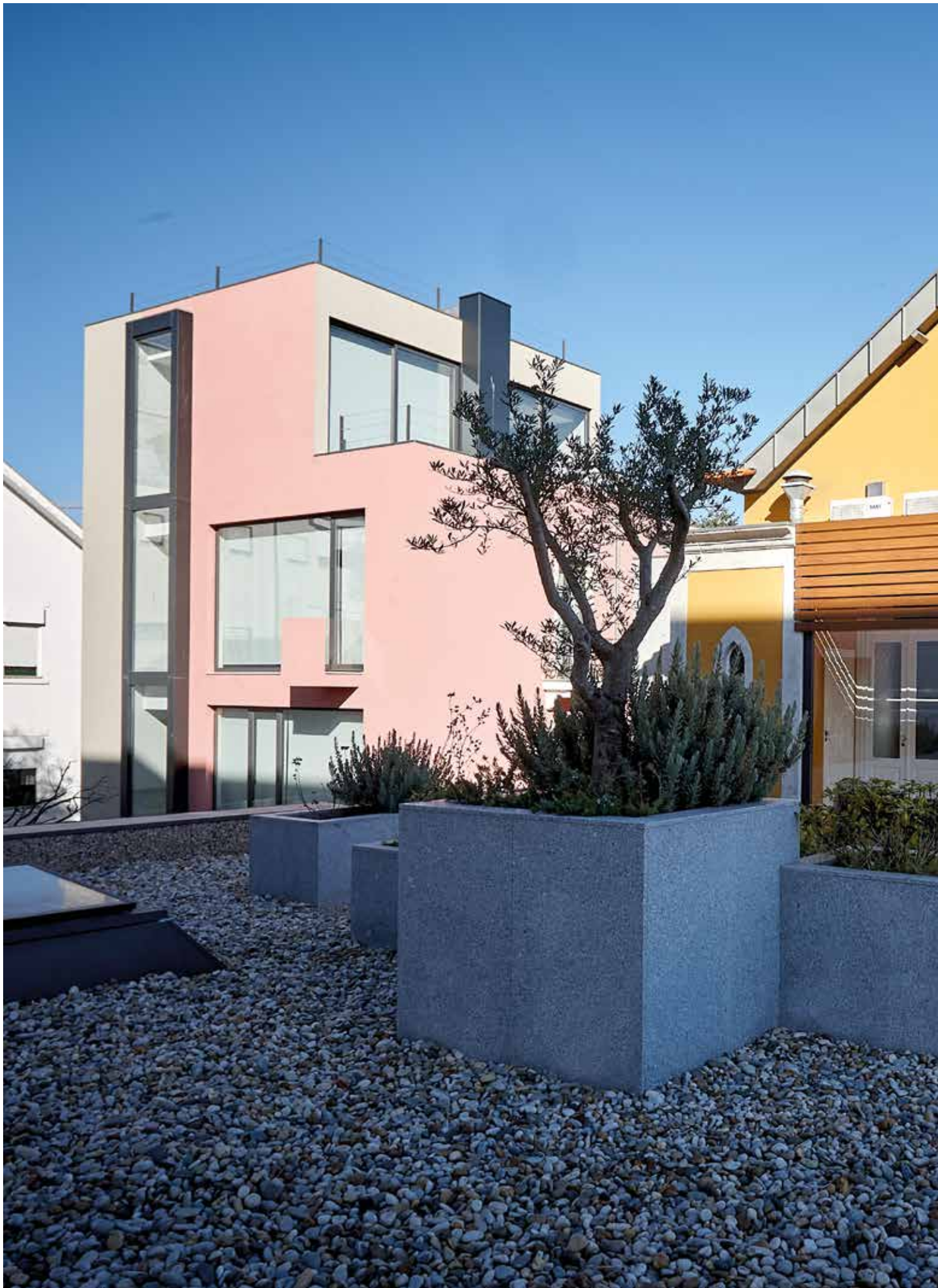


Acessórios



+A6086

Aro Fixo c/Remate e Ombreira
Perímetro: 0,55m





Acessórios



ES.9600.49



ES.9600.05



VD.9600.02



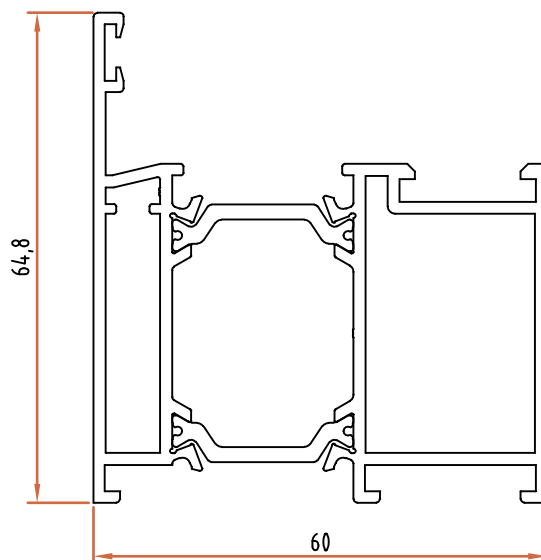
VD.6026



GO.9001

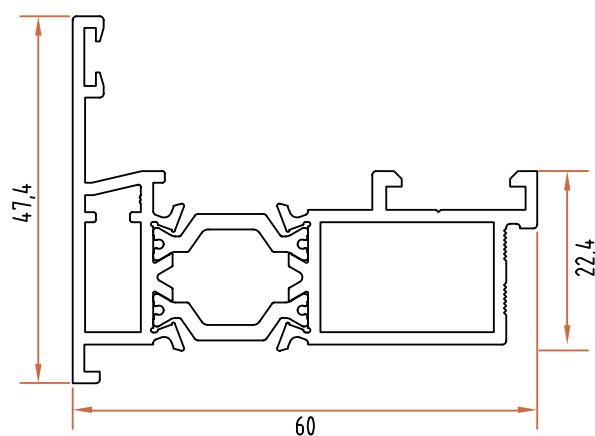


CN.9600.35
Canto Vulcanizado



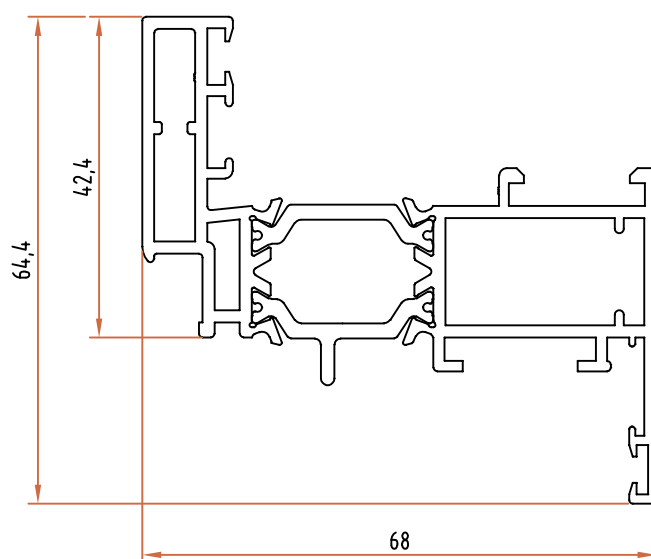
+A6008

Aro Fixo Grande
Perímetro: 0,42m



+A6073

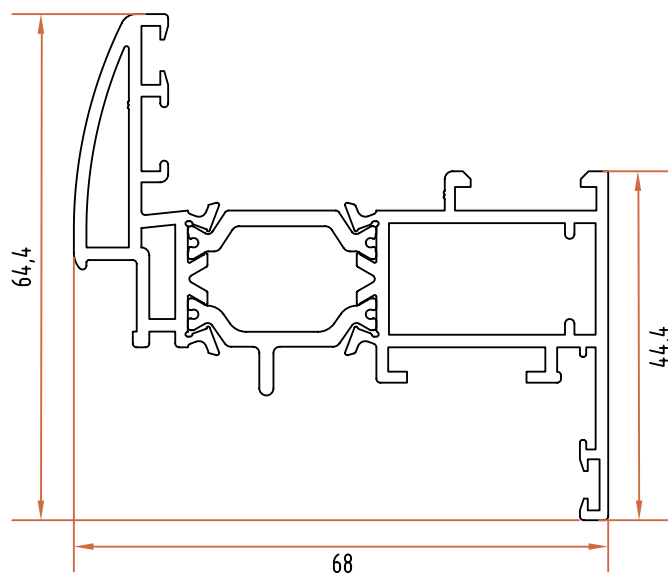
Inversor de Aro Fixo
Perímetro: 0,33m



+A6061

Aro Móvel Pequeno
Perímetro: 0,35m

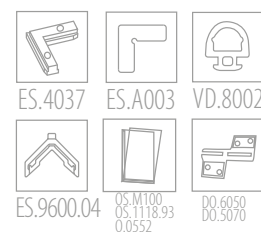
Acessórios



+A6083

Aro móvel Pequeno Curvo
Perímetro: 0,42m

Acessórios







Acessórios



ES.4037



ES.A034



ES.9600.46



ES.9600.36



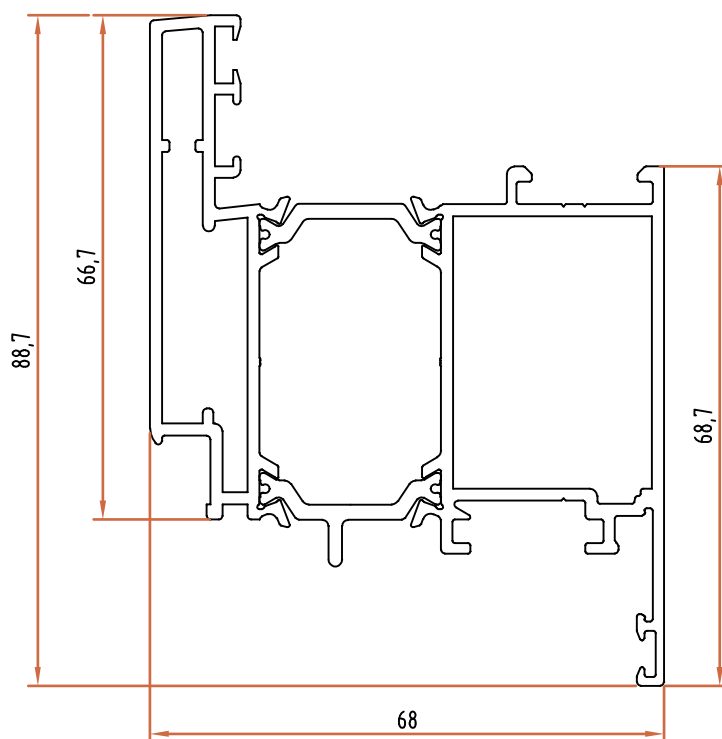
VD.8002



OS.M100
OS.1118.93
0.0552



DO.6050
DO.5070



+A6036

Aro Móvel Grande Reto
Perímetro: 0,52m

Acessórios



ES.4037



ES.A034



ES.9600.46



ES.9600.36



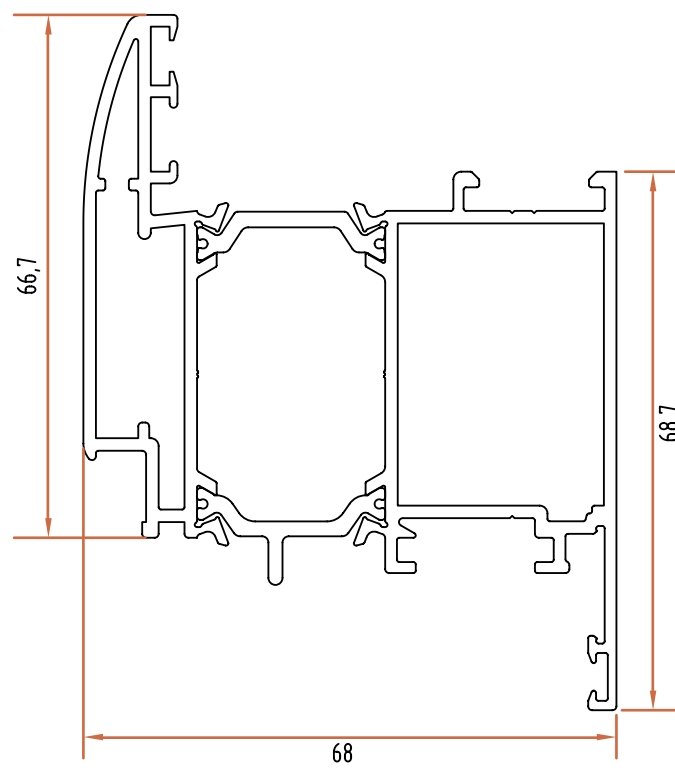
VD.8002



OS.M100
OS.1118.93
0.0552



DO.6050
DO.5070



+A6084

Aro Móvel Grande Curvo
Perímetro: 0,52m

Acessórios



ES.4037



ES.A034



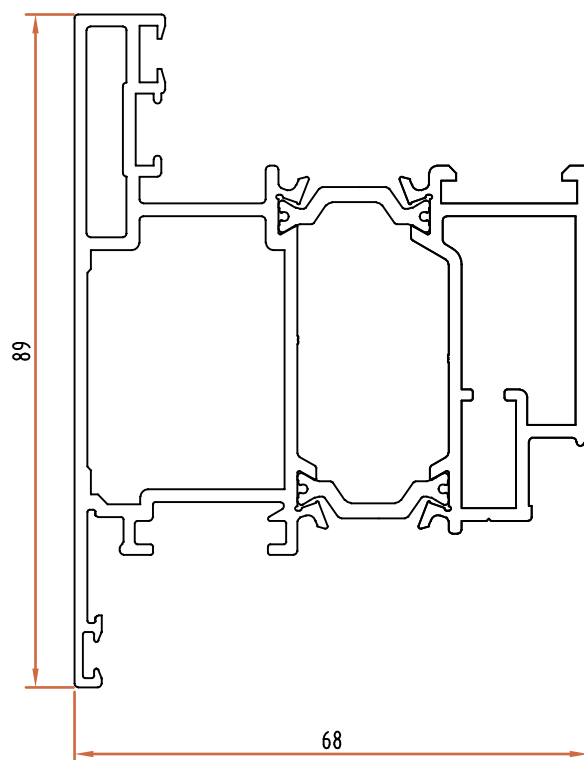
VD.8002



ES.9600.48



ES.9203.90



+A6072

Aro Móvel Abertura Exterior
Perímetro: 0,54m

Acessórios



ES.4037



ES.A034



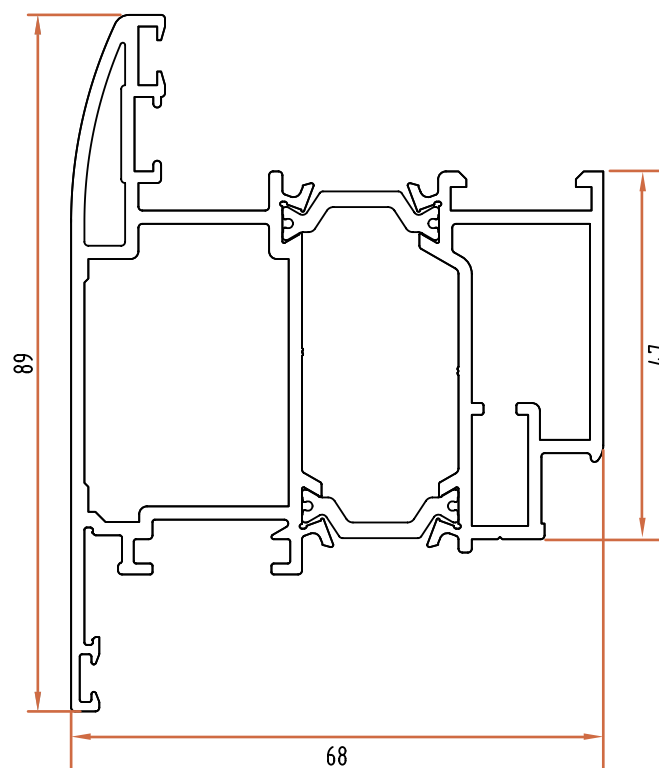
VD.8002



ES.9600.48

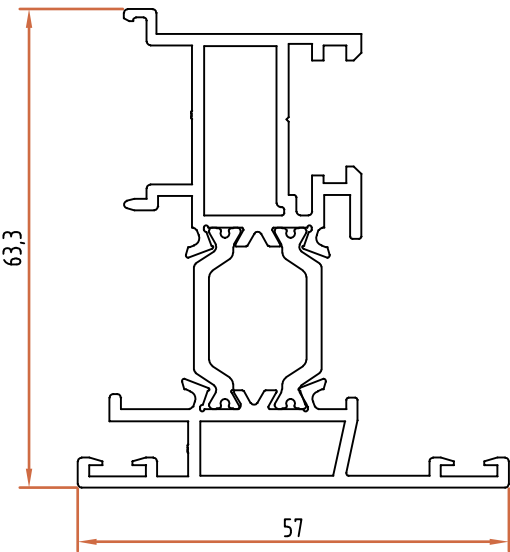


ES.9203.90



+A6085

Aro Móvel Exterior Curvo
Perímetro: 0,54m

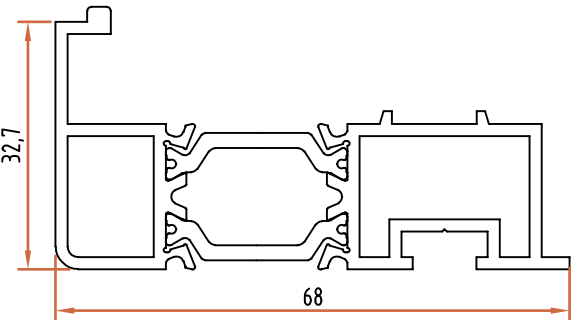


Acessórios



+A6004

Inversor
Perímetro: 0,45m



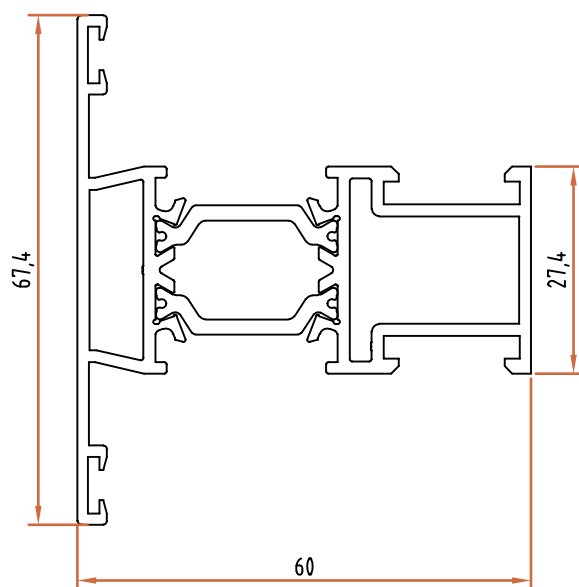
Acessórios



+A6023

Remate Inferior Porta
Perímetro: 0,29m

+6169 Caixa 53,5	+6174 Caixa 48	+6146 Caixa 39	+6135 Caixa 37	+6131 Caixa 30	+6132 Caixa 18
2.5	8	17	19	26	38



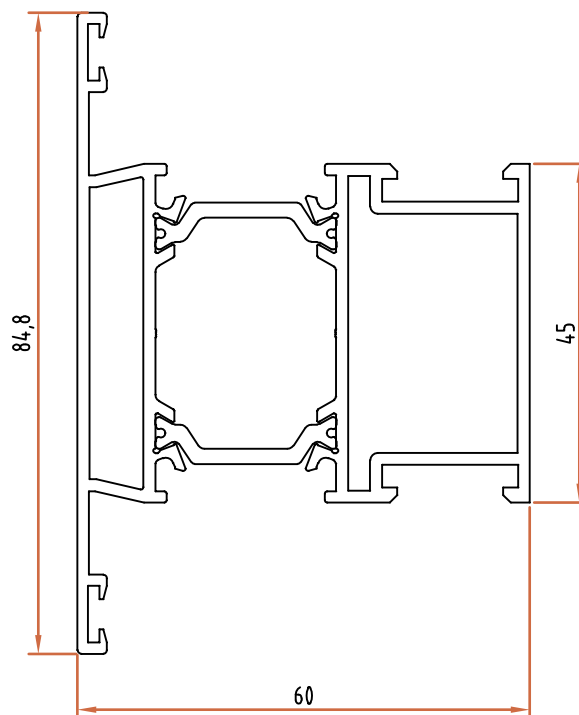
Acessórios



UN.2000.PQ

+A6001

Travessa Pequena
Perímetro: 0,41m



Acessórios



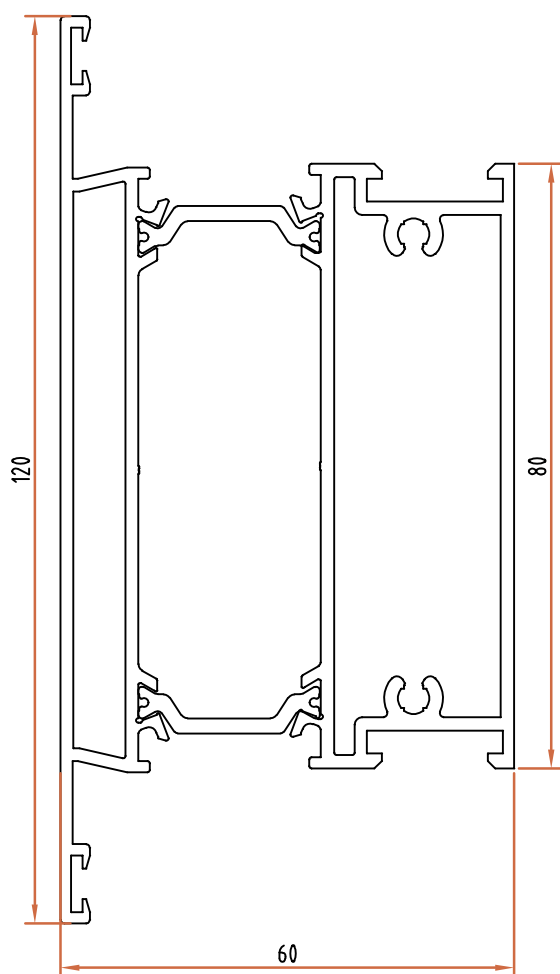
UN.2000.GR

+A6006

Travessa Média
Perímetro: 0,48m

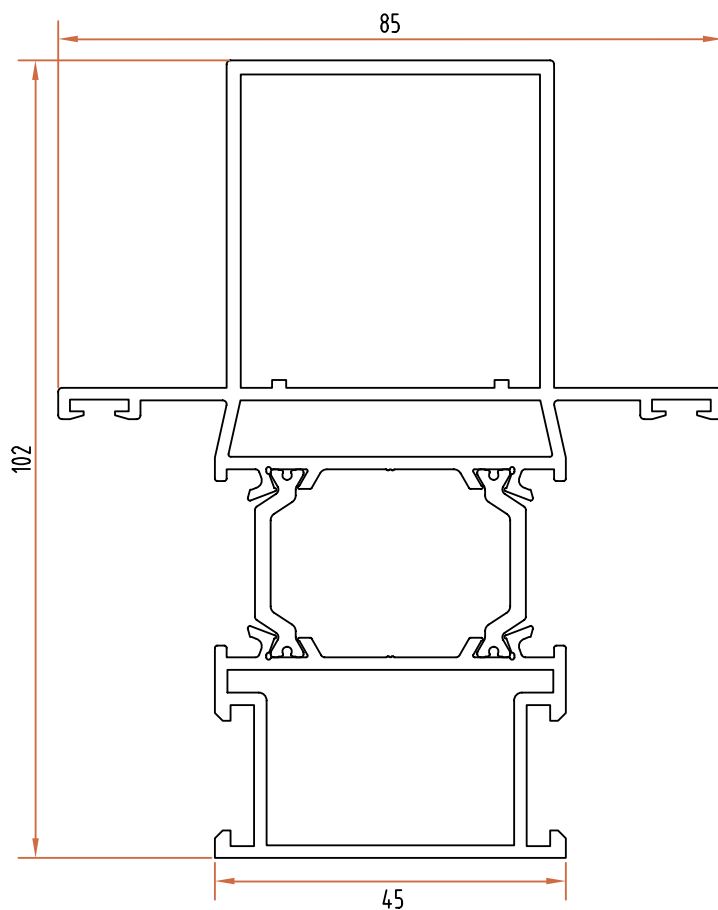






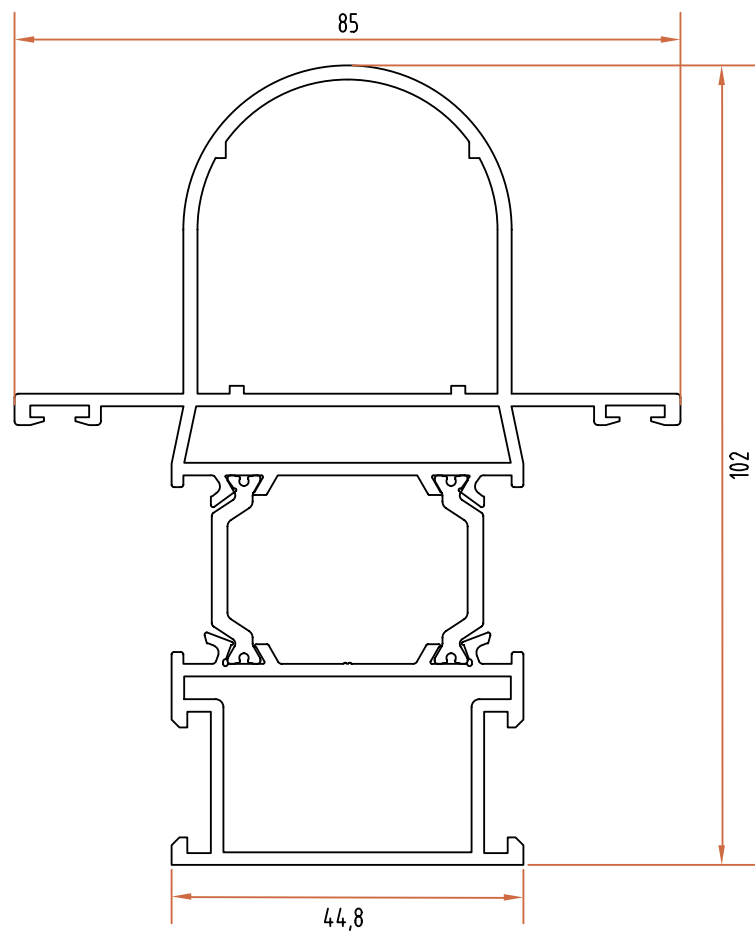
+A6012

Travessa Grande/Almofada
Perímetro: 0,62m



+A6079

Montante Recto
Perímetro: 0,56m



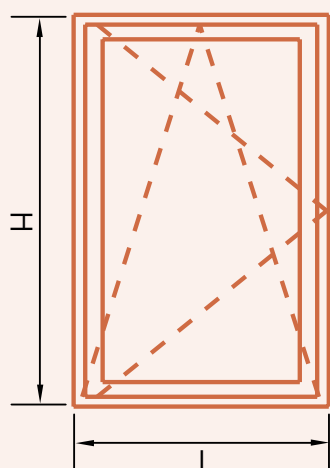
+A6017

Montante Recto
Perímetro: 0,54m

Medidas de Corte

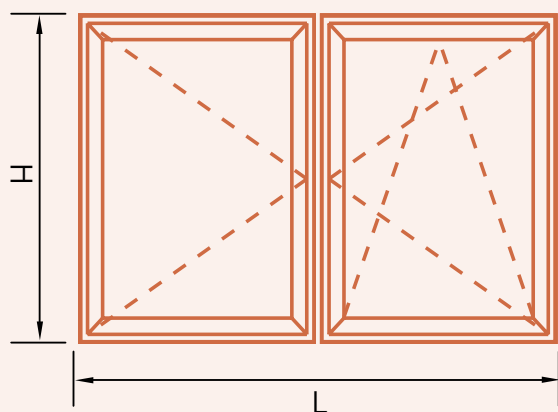
+A6000

Janela de Abrir de 1 Folha e Oscilo-Batente



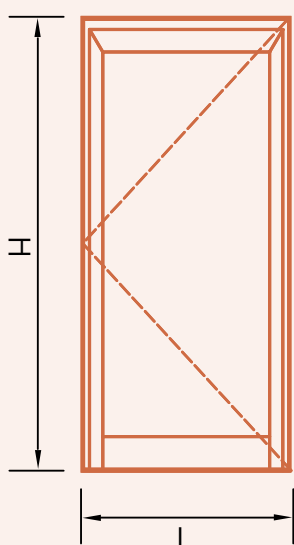
Perfil	Descrição	Corte	Quantidade	Medidas
+A6003	Aro fixo		2	L
			2	H- 28,5
+A6061	Aro Móvel		2	L/2 - 43
			2	H- 71,5
+C4611	Soleira		1	L

Janela de Abrir de 2 Folhas e Oscilo-Batente



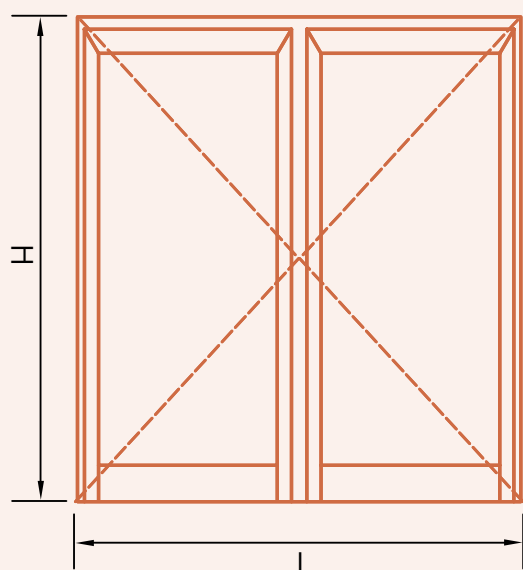
Perfil	Descrição	Corte	Quantidade	Medidas
+A6003	Aro fixo		2	L
			2	H- 28,5
+A6061	Aro Móvel		2	L/2 - 24
			2	H- 71,5
+A6004	Inversor		1	H- 135
+C4611	Soleira		1	L

Porta de 1 Folha



Perfil	Descrição	Corte	Quantidade	Medidas
+A6008	Aro fixo		1	L
			2	H
+A6036	Aro Móvel		2	L - 78
			2	H - 46
+A6023	Almofada		1	L - 147

Porta de 2 Folhas Abertura Exterior



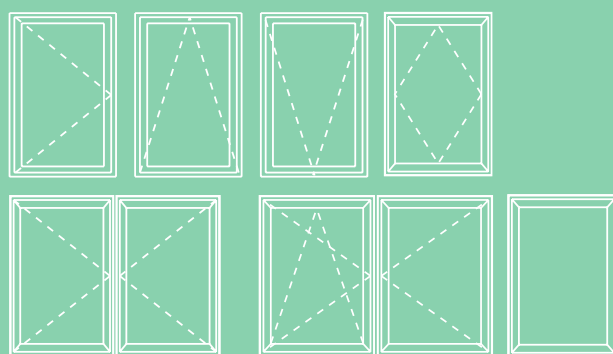
Perfil	Descrição	Corte	Quantidade	Medidas
+A6008	Aro fixo		1	L
			2	H
+A6072	Aro Móvel		2	L/2 - 41,5
			4	H - 44
+A6004	Inversor		1	H - 78
+A6012	Soleira		1	L/2 - 169,5
-	Pingadeira		1	L/2 - 112,5
			1	L/2 - 43
-	Suplemento Pingadeira		2	L/2 - 219,5



+E3600

(Câmara Europeia
Corte Térmico 67mm)

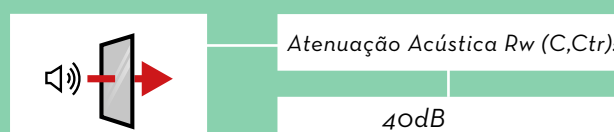
Tipologias



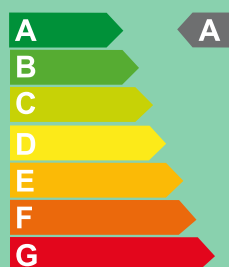
Coeficiente de Transmissão Térmica



Coeficiente de Atenuação Acústica

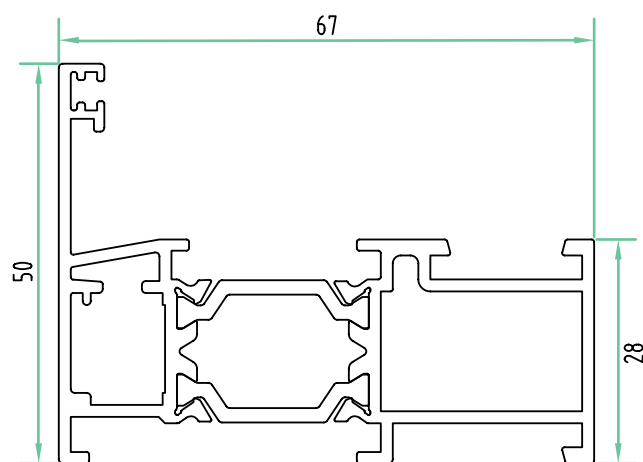


Sistema de Etiquetagem Energética de Produtos

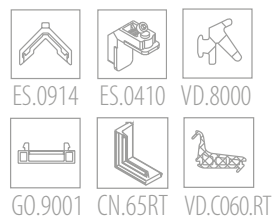


Desempenho Do Sistema +E3600 com vidro $U_g = 0.700$ W/m²K



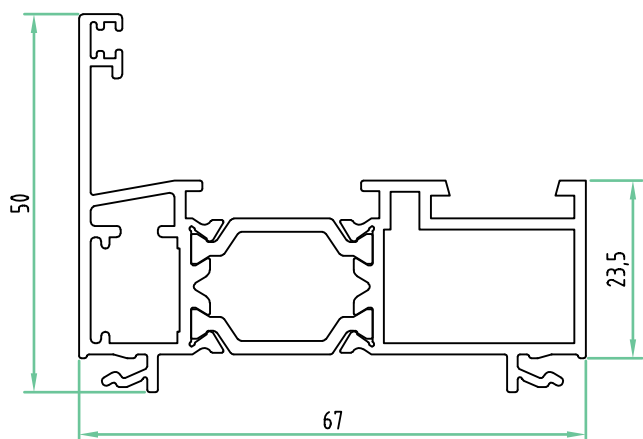


Acessórios

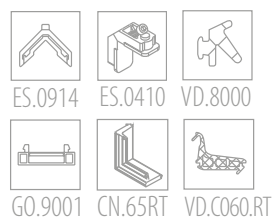


+E3621

Aro Fixo Pequeno
Perímetro: 0,39m

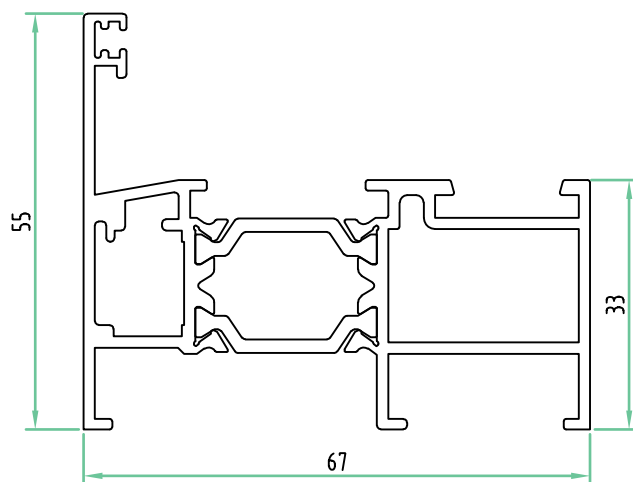


Acessórios



+E3626

Aro Fixo Pequeno c/ Clip Interior/Exterior
Perímetro: 0,39m



Acessórios



ES.0914



ES.0410



VD.8000



GO.9001



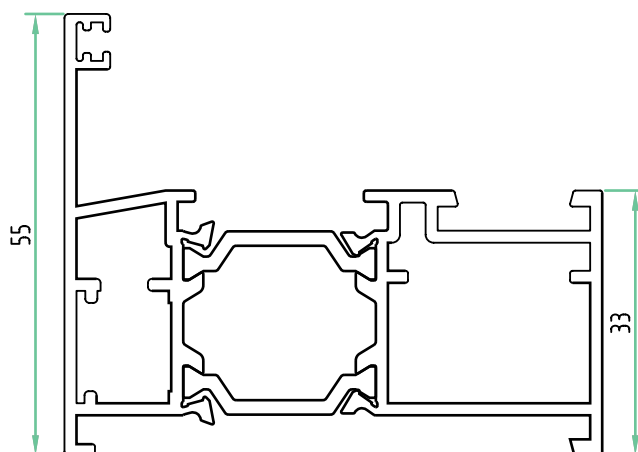
CN.65RT



VD.C060.RT

+E3601

Aro Fixo Pequeno
Perímetro: 0,42m



Acessórios



ES.0914



ES.0410



VD.8000



GO.9001



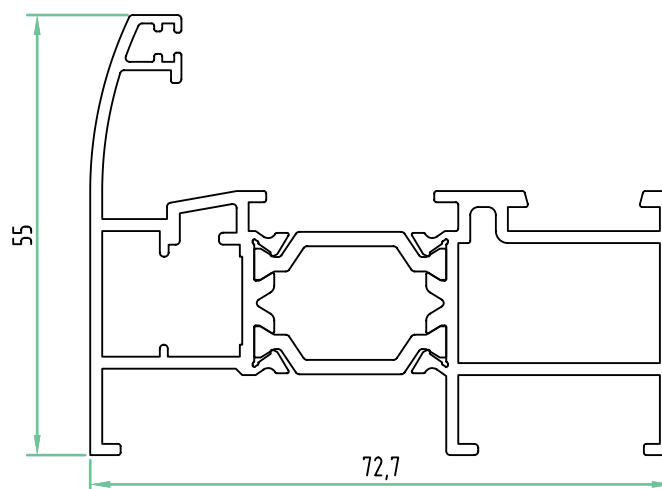
CN.65RT



VD.C060.RT

+E3622

Aro Fixo Pequeno
Perímetro: 0,38m



Acessórios



ES.0914



ES.0410



VD.8000



GO.9001



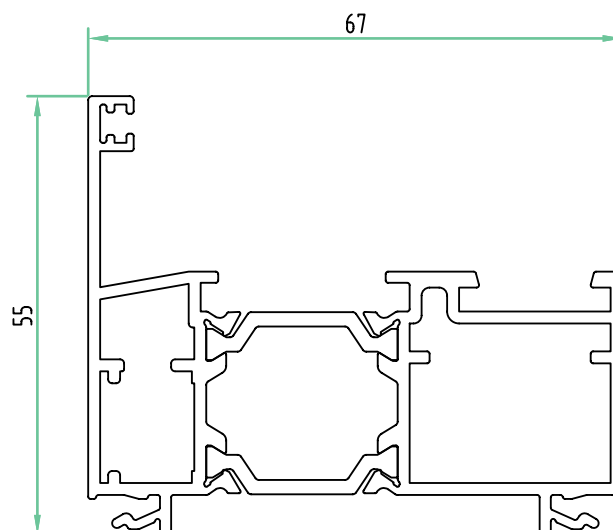
CN.65RT



VD.C060.RT

+E3619

Aro Fixo Curvo Pequeno
Perímetro: 0,44m



Acessórios



ES.0914



ES.0410



VD.8000



GO.9001



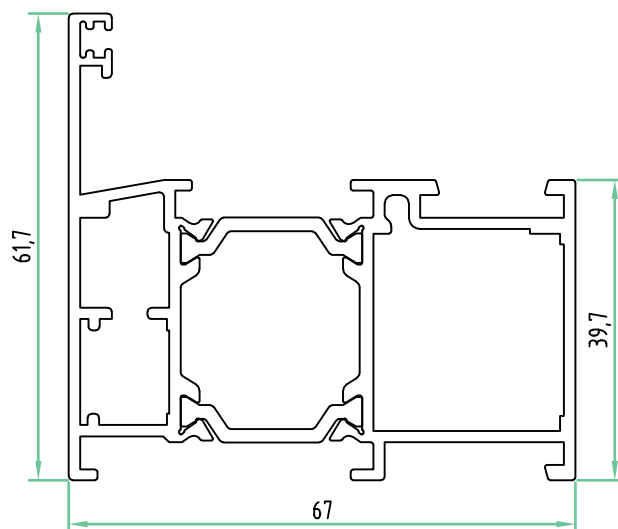
CN.65RT



VD.C060.RT

+E3666

Aro Fixo Pequeno c/ Clip Interior/Exterior
Perímetro: 0,40m



Acessórios



ES.0914



ES.0444



VD.8000



GO.9001



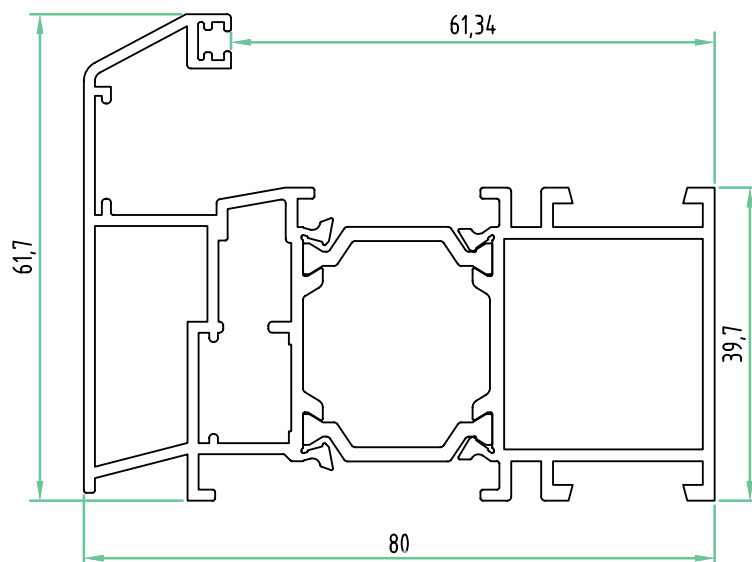
CN.65RT



VD.CO60.RT

+E3604

Aro Fixo Médio
Perímetro: 0,41m



Acessórios



ES.0914



ES.0444



ES.A013



VD.8000



CN.65RT



VD.CO60.RT



GO.9001

+E6318

Aro Fixo Médio Rústico
Perímetro: 0,52m

Acessórios



ES.0914



ES.2525



VD.8000



ES.0410



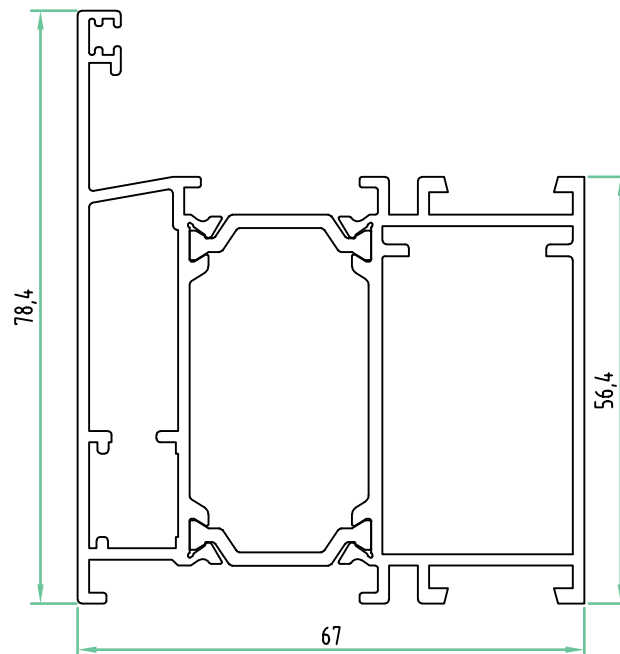
GO.9001



CN.65RT



VD.C060.RT



+E3675

Aro Fixo Grande
Perímetro: 0,67m

Acessórios



ES.0410



VD.8000



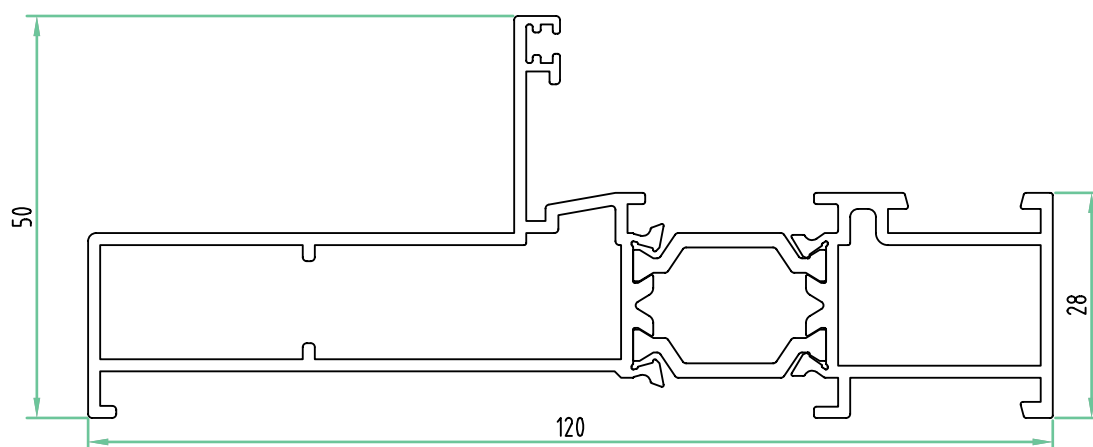
VD.C060.RT



GO.9001

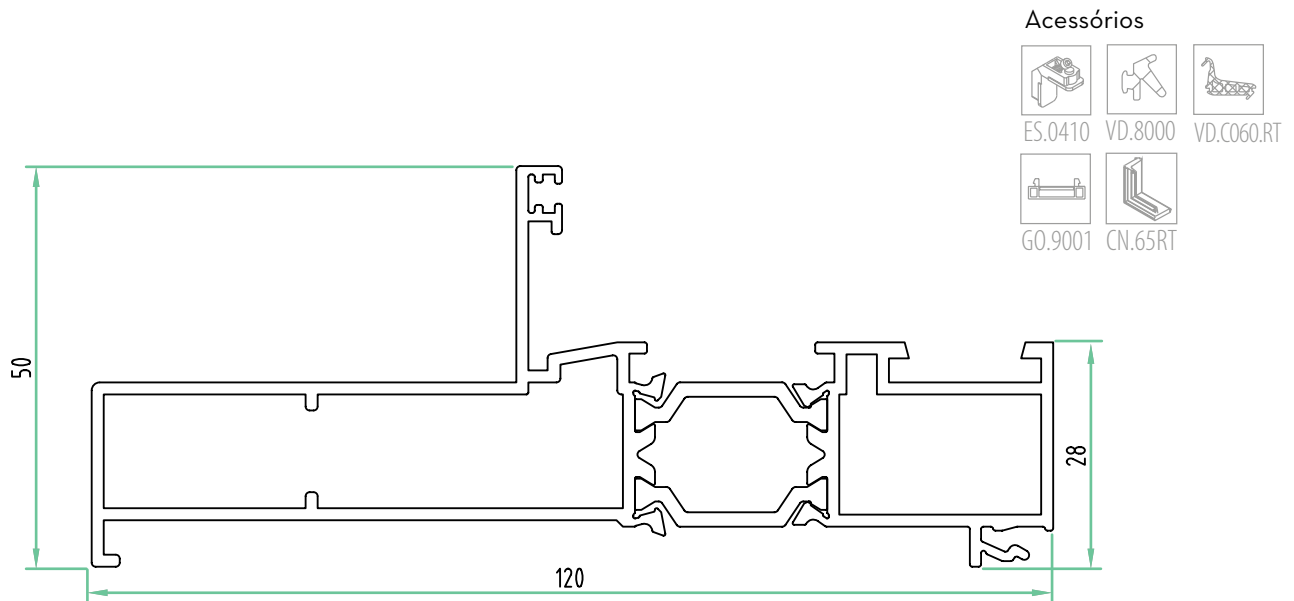


CN.65RT

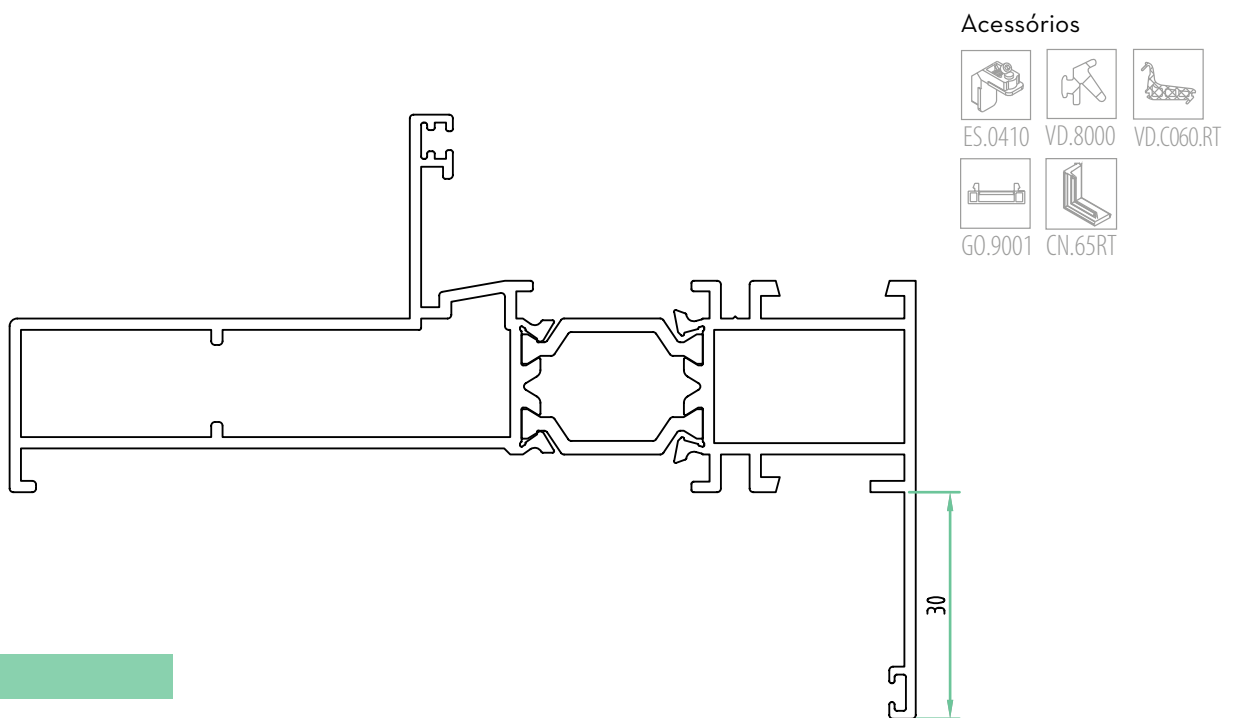


+E3628

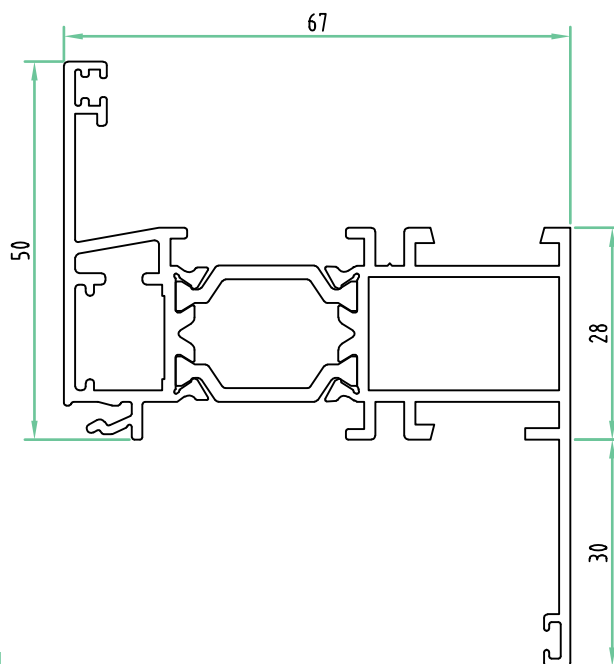
Aro Fixo Pequeno c/ Ombreira
Perímetro: 0,50m

**+E3668**

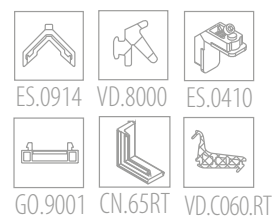
Aro Fixo c/ Ombreira e Clip Interior
Perímetro: 0,76m

**+E3618**

Aro Fixo c/ Ombreira e Remate Interior 30
Perímetro: 0,85m

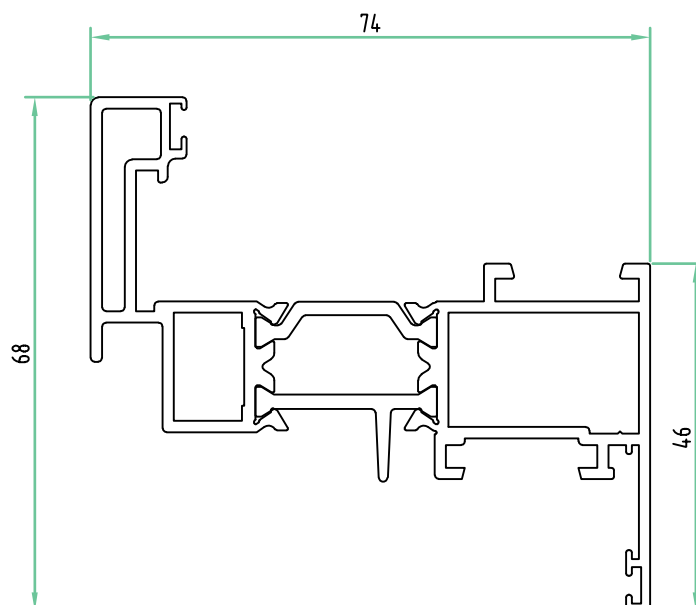


Acessórios



+E3627

Aro Fixo Pequeno c/ Remate Interior e Clip Exterior
Perímetro: 0,48m

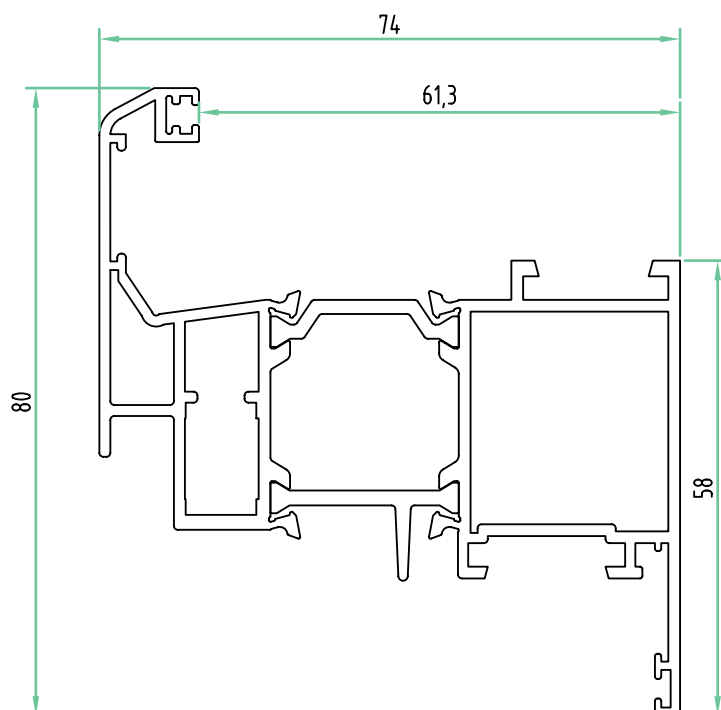


Acessórios



+E3603

Aro Móvel Pequeno Reto
Perímetro: 0,44m



Acessórios



ES.0914



ES.0444



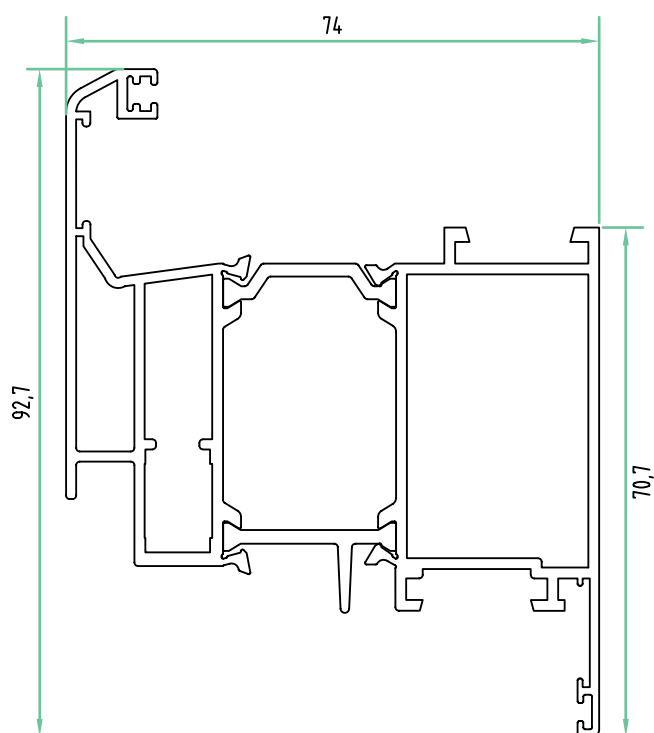
ES.A013



VD.8000

DO.6050
DO.5070OS.M100
OS.1118.93
OS.0552**+E6319**

Aro Móvel Pequeno Rústico
Perímetro: 0,52m



Acessórios



ES.0410



VD.8000



ES.2525

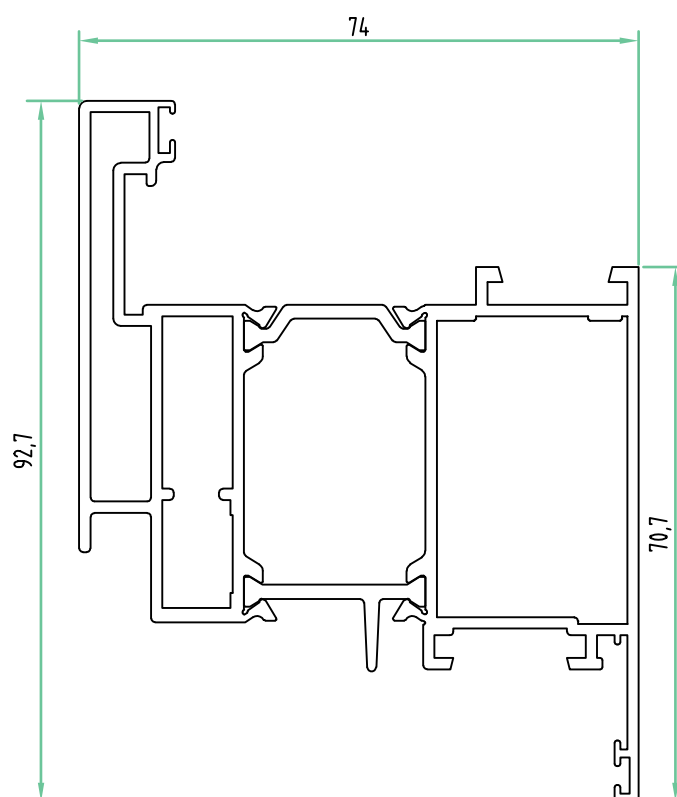


ES.A013

DO.6050
DO.5070OS.M100
OS.1118.93
OS.0552**+E6320**

Aro Móvel Grande Rústico
Perímetro: 0,56m

Acessórios



+E3606

Aro Móvel Recto Grande
Perímetro: 0,54m

Acessórios



ES.0410



ES.5015



ES.2525



ES.A013



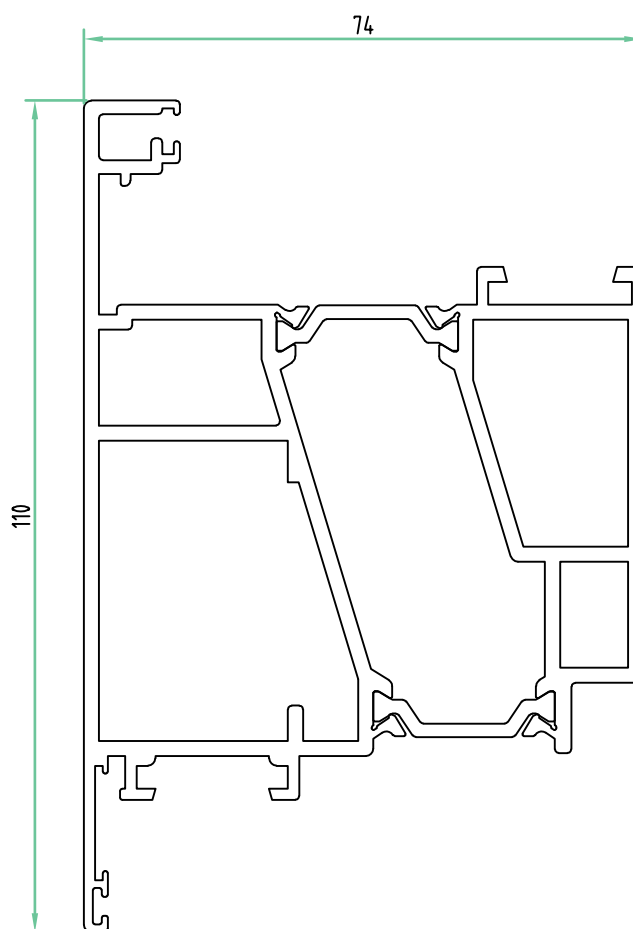
VD.8000



DS.6050

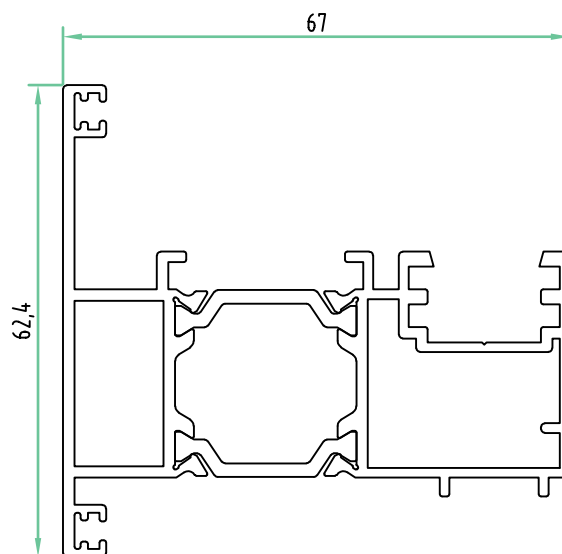


OS.M100
OS.T118.93
O.0552



+E3629

Aro Móvel Abertura Exterior
Perímetro: 0,64m



Acessórios



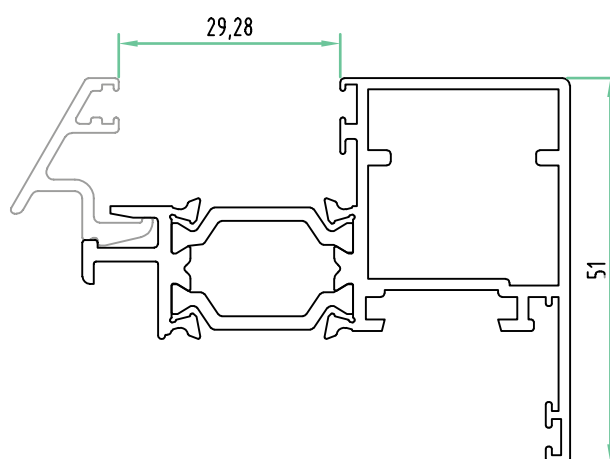
VD.C060.RT



TP.65RT.INV

+E3607

Inversor
Perímetro: 0,43m



Acessórios



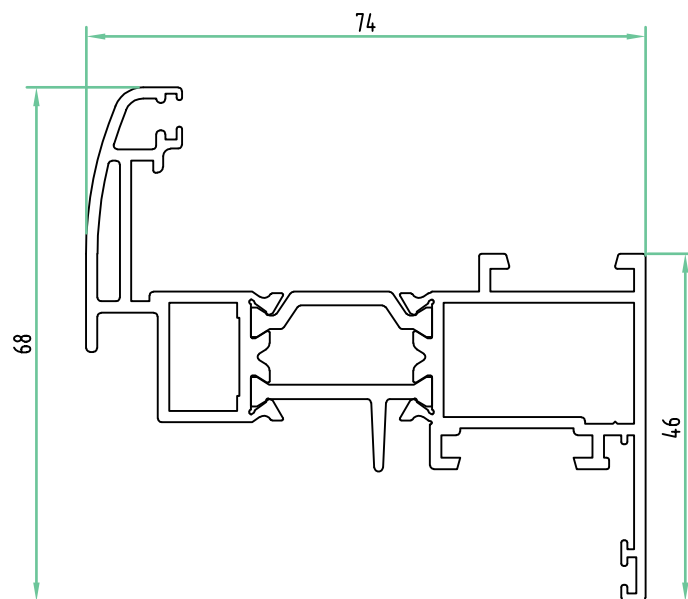
ES.0410



ES.A013

+E6338

Aro Móvel Folha Oculta
Perímetro: 0,36m



Acessórios



ES.0914



ES.0410



ES.A013



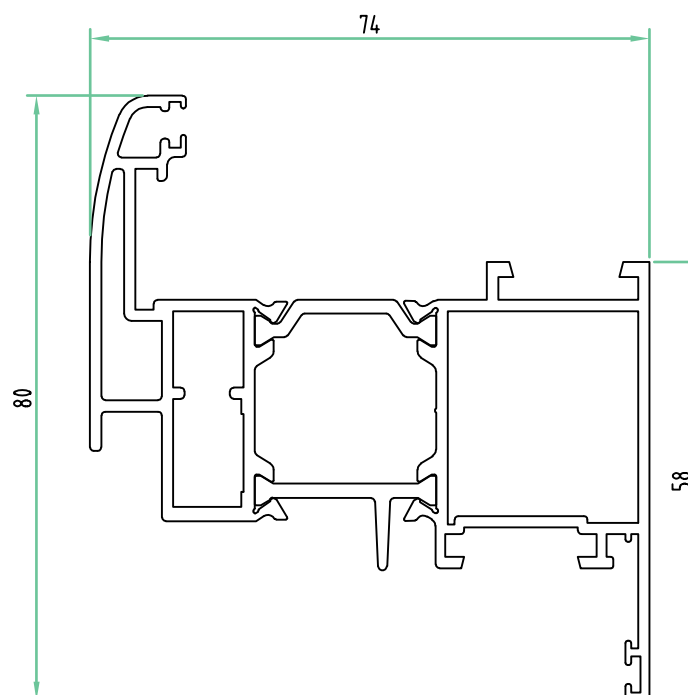
ES.5015



VD.8000

D0.6050
D0.5070OS.M100
OS.1118.93
OS.0552**+E3602**

Aro Móvel Curvo Pequeno
Perímetro: 0,42m



Acessórios



ES.A013



ES.0914



ES.5015



ES.0444



VD.8000

D0.6050
D0.5070OS.M100
OS.1118.93
OS.0552**+E3616**

Aro Móvel Médio Curvo
Perímetro: 0,50m

Acessórios



ES.0914



ES.0410



ES.2525



ES.A013



ES.5015



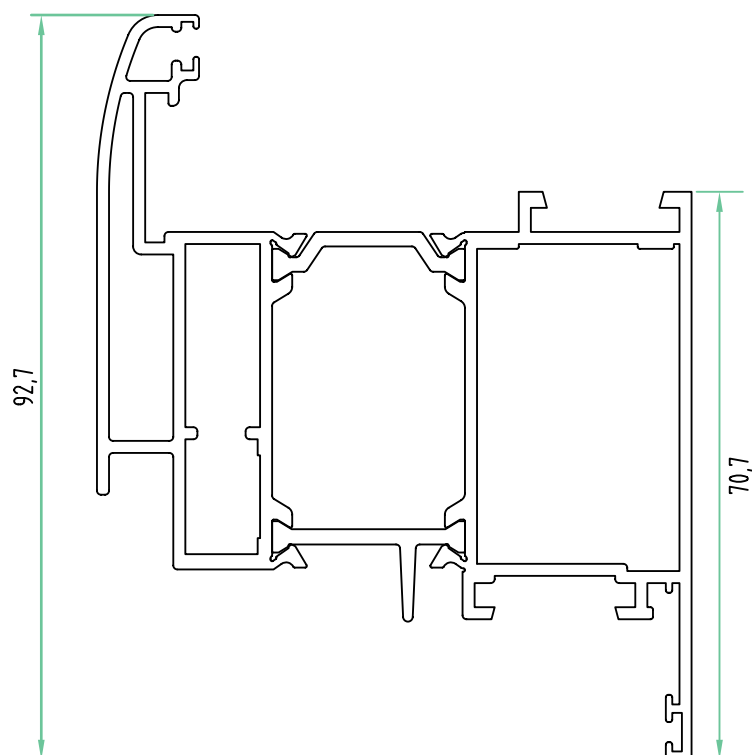
VD.8000



OS.M100
OS.1118.93
0.0552



DO.6050
DO.5070



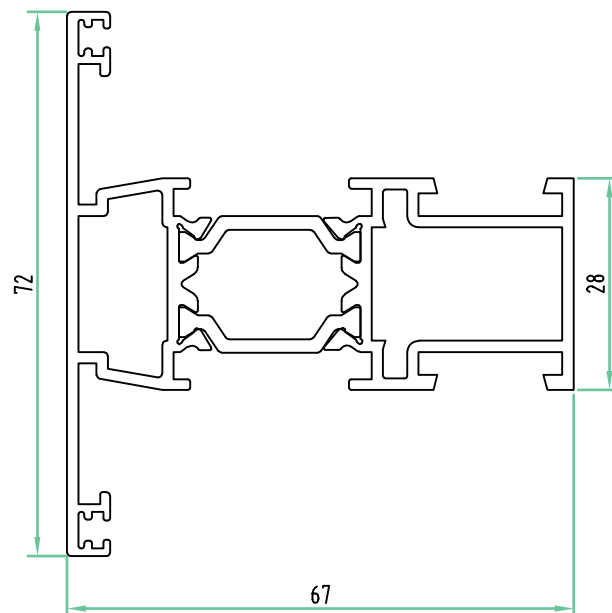
+E3605

Aro Móvel Grande Curvo
Perímetro: 0,55m

Acessórios



VD.C060.RT UN.2000.PQ



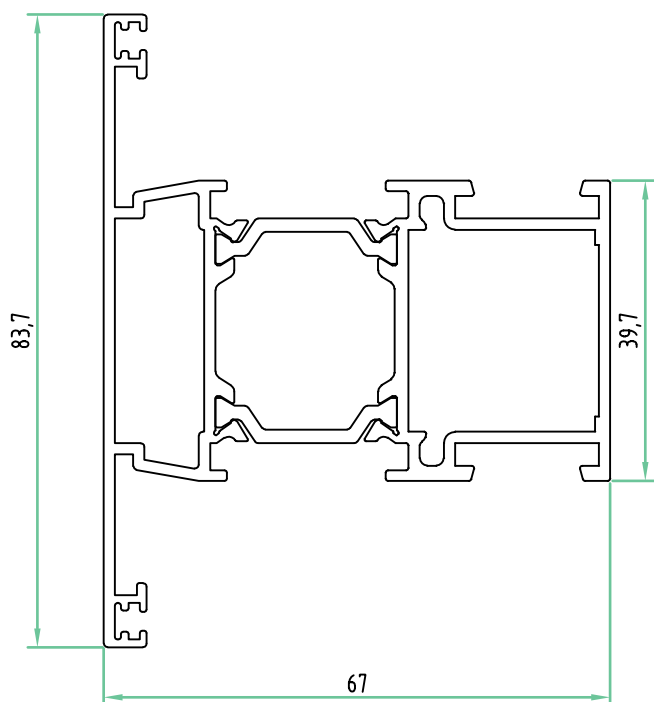
+E3610

Travessa Pequena
Perímetro: 0,45m

Acessórios



VD.CO60.RT UN.3063.5



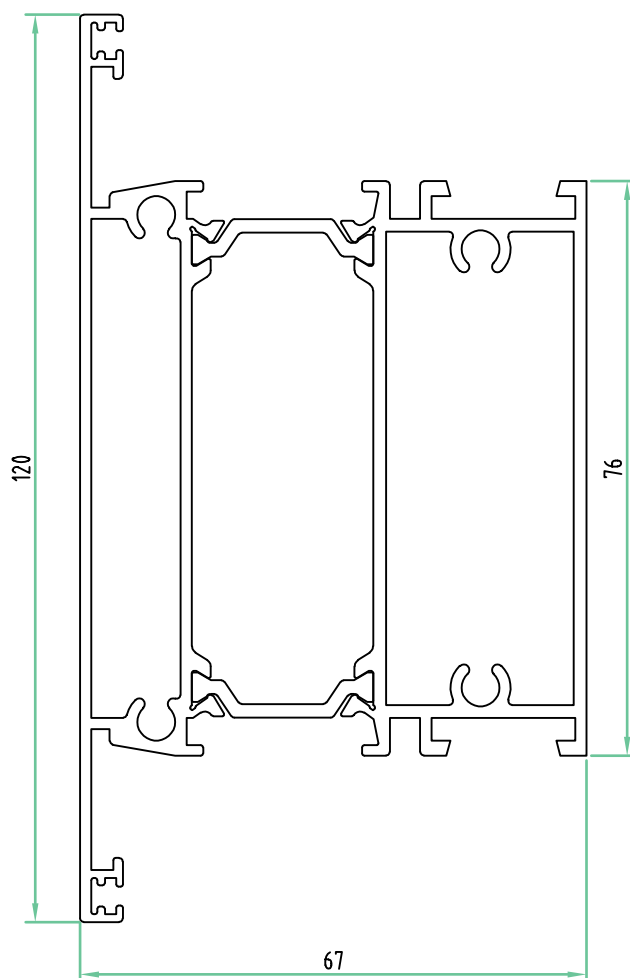
+E3611

Travesa Média
Perímetro: 0,52m

Acessórios

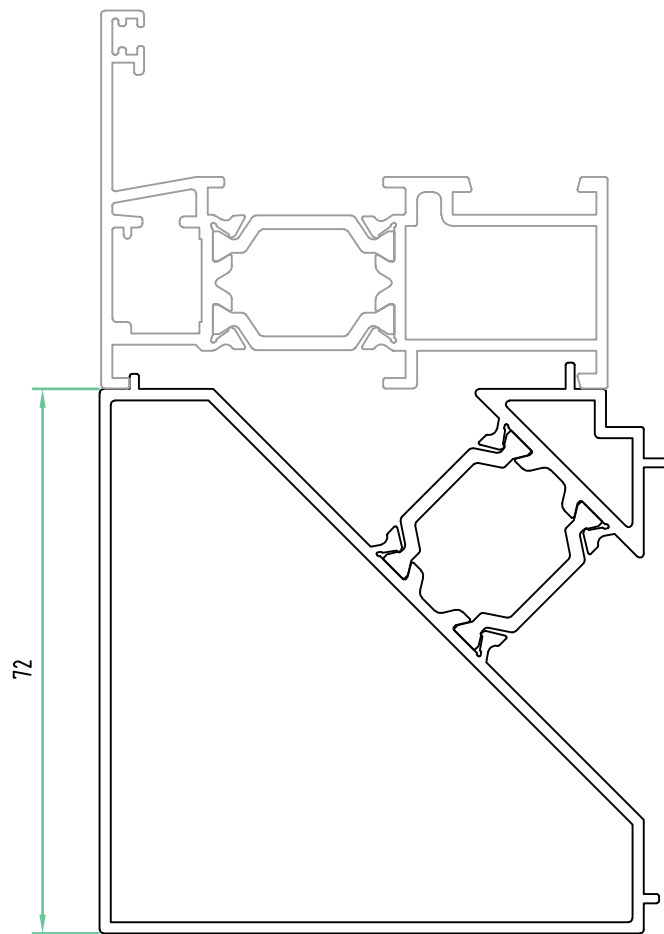


VD.CO60.RT



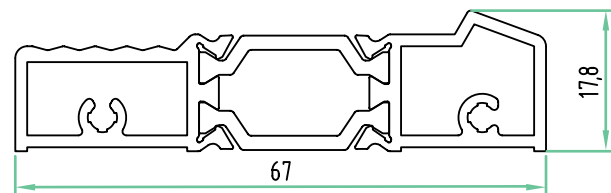
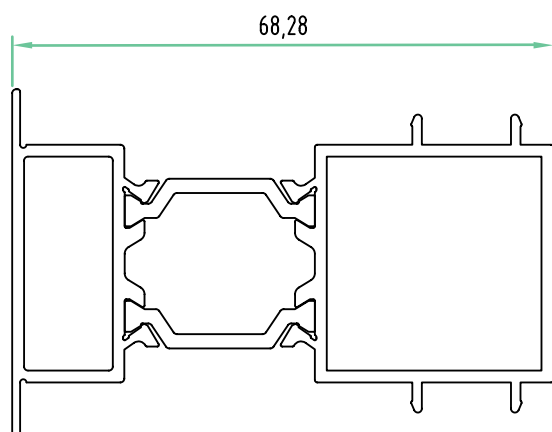
+E3612

Travesa Grande/Almofada
Perímetro: 0,68m



+E3613

Canto
Perímetro: 0,41m

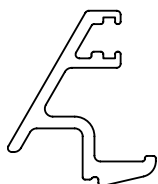


+E3614

União
Perímetro: 0,33

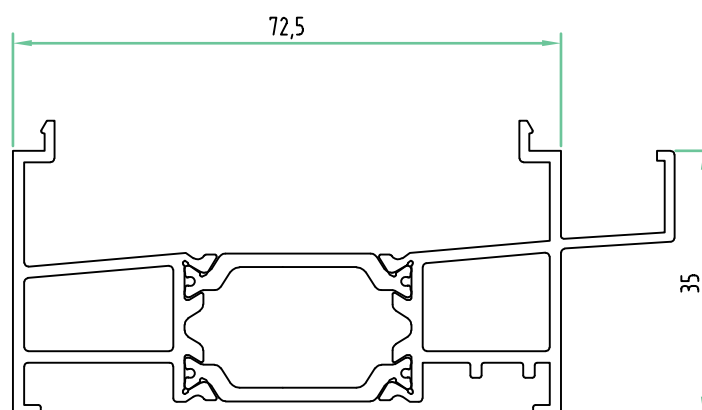
+E3685

Soleira
Perímetro: 0,21m



+E6306

Bite Folha Oculta



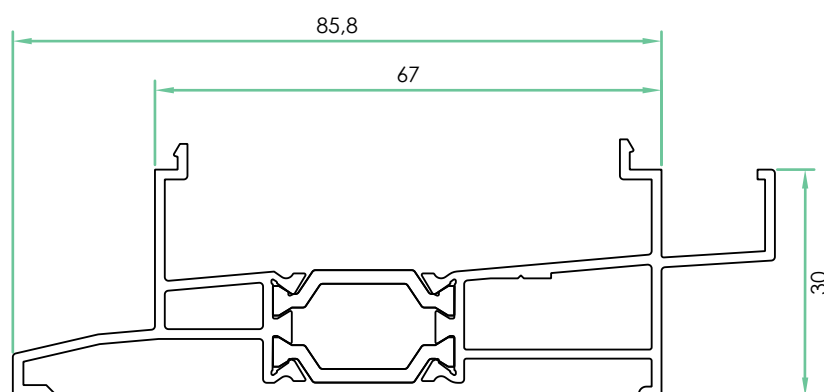
Acessórios



TP.3021.1

+E3694

Soleira de Condensação
Perímetro: 0,41m

**+E3693**

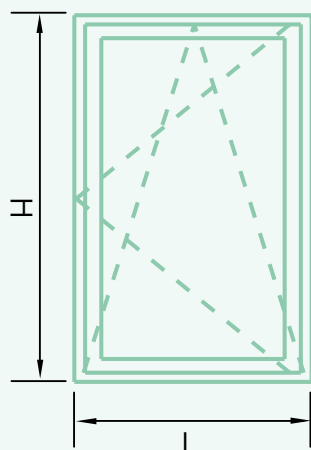
Soleira de Condensação
Perímetro: 0,40m

+E2826 Caixa 52 9	+E2806 Caixa 49 11,5	+E2807 Caixa 47 14	+E2808 Caixa 43 17,5	+E2882 Caixa 41 20
+E2809 Caixa 38 22,5	+E2883 Caixa 35 25,7	+E2810 Caixa 32 29	+E2812 Caixa 26 35	+E2827 Caixa 23 38

Medidas de Corte

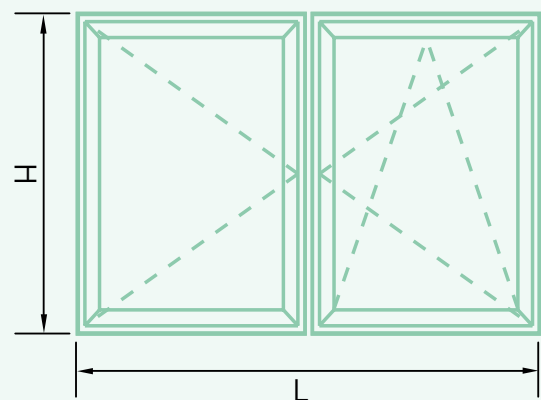
+E3600

Janela de Abrir de 1 Folha Abertura Interior



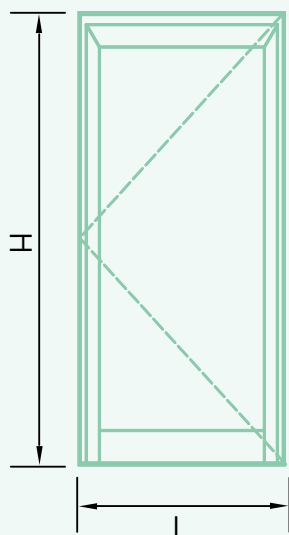
Perfil	Descrição	Corte	Quantidade	Medidas
+E3621	Aro Fixo		2	H
				L
+E3603	Aro Móvel		2	H-44
				L-44

Janela de Abrir de 2 Folhas Abertura Interior



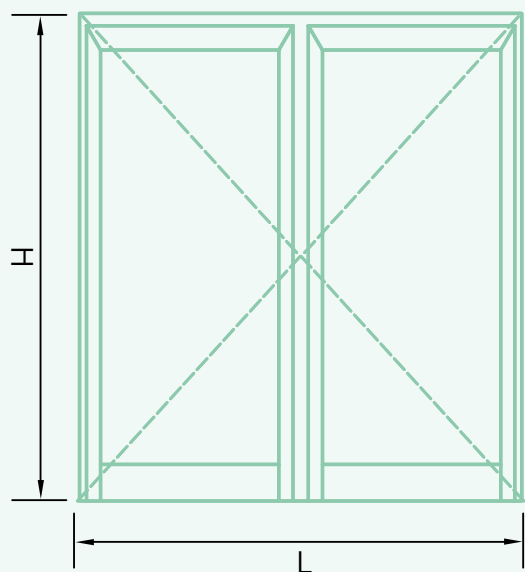
Perfil	Descrição	Corte	Quantidade	Medidas
+E3621	Aro Fixo		2	H
				L
+E3603	Aro Móvel		4	H-44
				L/2-25
+E3607	Inversor		1	H-110

Porta de 1 Folha Abertura Interior



Perfil	Descrição	Corte	Quantidade	Medidas
+E3604	Aro Fixo		2	H
			1	L
+E3606	Aro Móvel		2	H-40
			1	L-67
+E3612	Travessa		1	L-199

Porta de 2 Folhas Abertura Interior



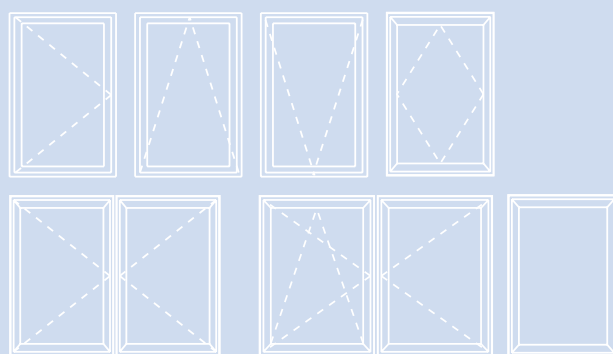
Perfil	Descrição	Corte	Quantidade	Medidas
+E3604	Aro Fixo		2	H
			1	L
+E3606	Aro Móvel		4	H-40
			2	L/2-37
+E3612	Travessa		2	L/2-168
+E3612	Travessa		1	H-73



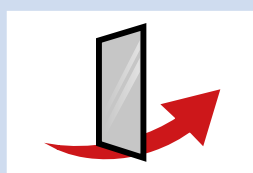
+A8000

(Câmara Europeia
Corte Térmico 75mm)

Tipologias

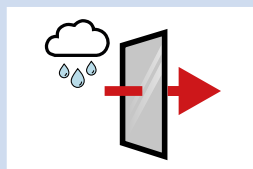


Desempenho Do Sistema +A8000
com vidro $U_g = 0.400 \text{ W/m}^2\text{K}$



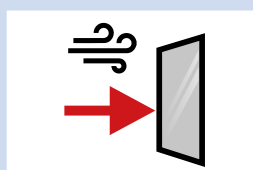
Permeabilidade ao Ar

4
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

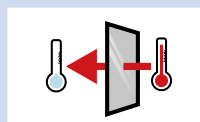
E750
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)

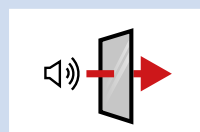
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

$0.86 \text{ W/m}^2\text{K}$

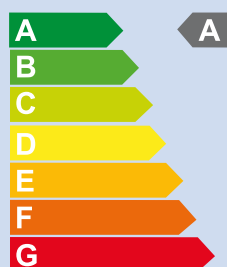
Coeficiente de Atenuação Acústica

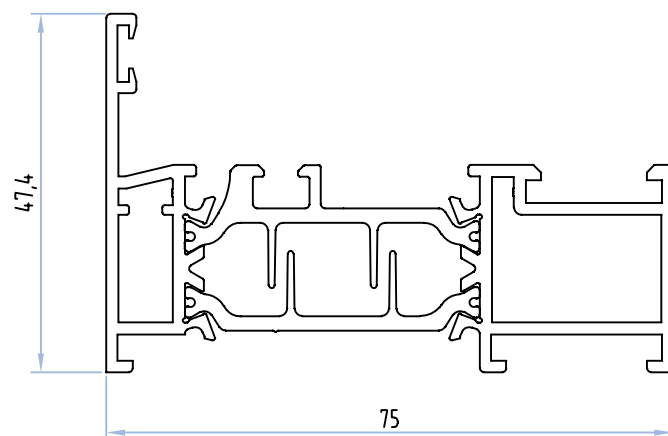


Atenuação Acústica R_w (C,Ctr):

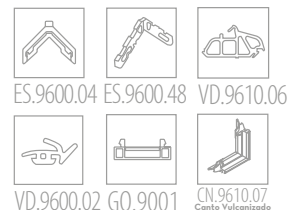
34 (-2,-5)

Sistema de Etiquetagem Energética de Produtos



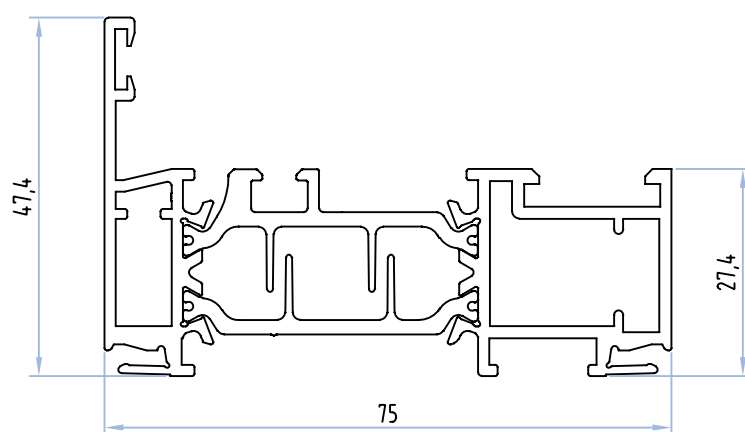


Acessórios



+A8003

Aro Fixo Pequeno
Perímetro: 0,34m

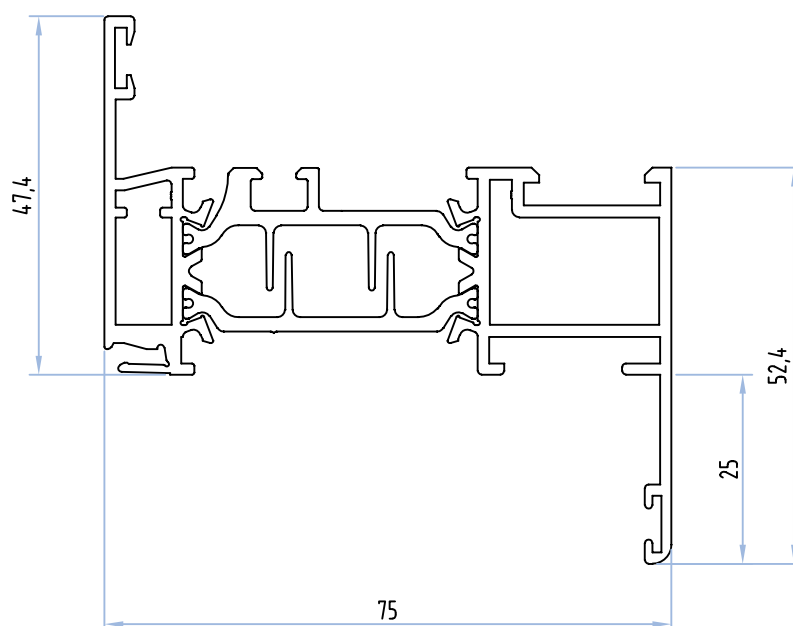


Acessórios



+A8080

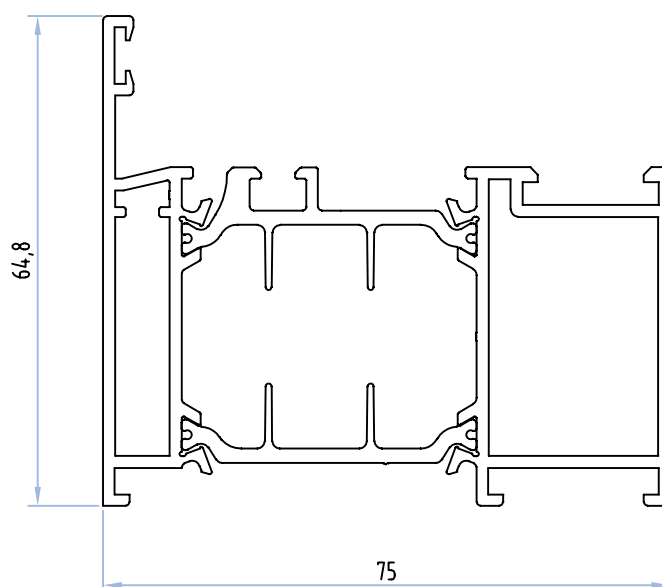
Aro Fixo Pequeno c/Clip Interior/Exterior
Perímetro: 0,37m



+A8074

Aro Fixo Remate Interior e Clip Exterior
Perímetro: 0,43m

Acessórios



+A8008

Aro Fixo Médio 75mm
Perímetro: 0,42m

Acessórios



Acessórios



ES.4037



ES.A003



ES.9600.45



ES.9600.04



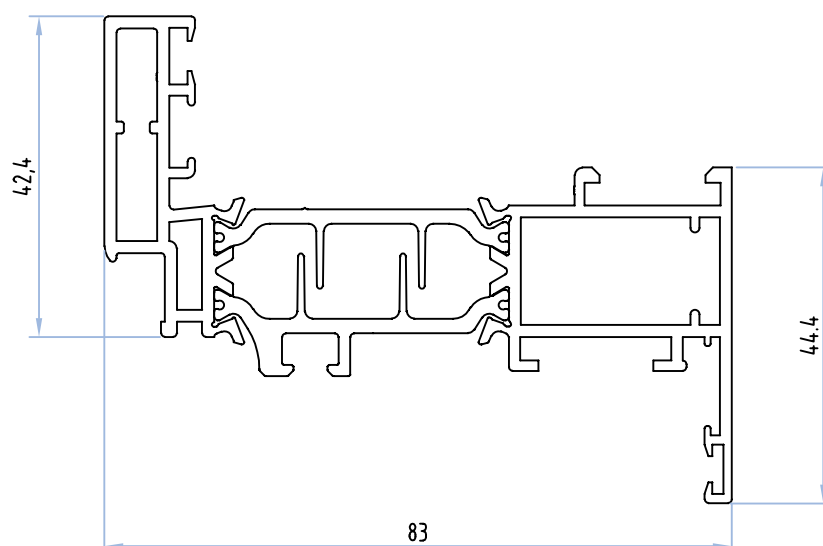
VD.8002



OS.M100
OS.1118.93
O.0552



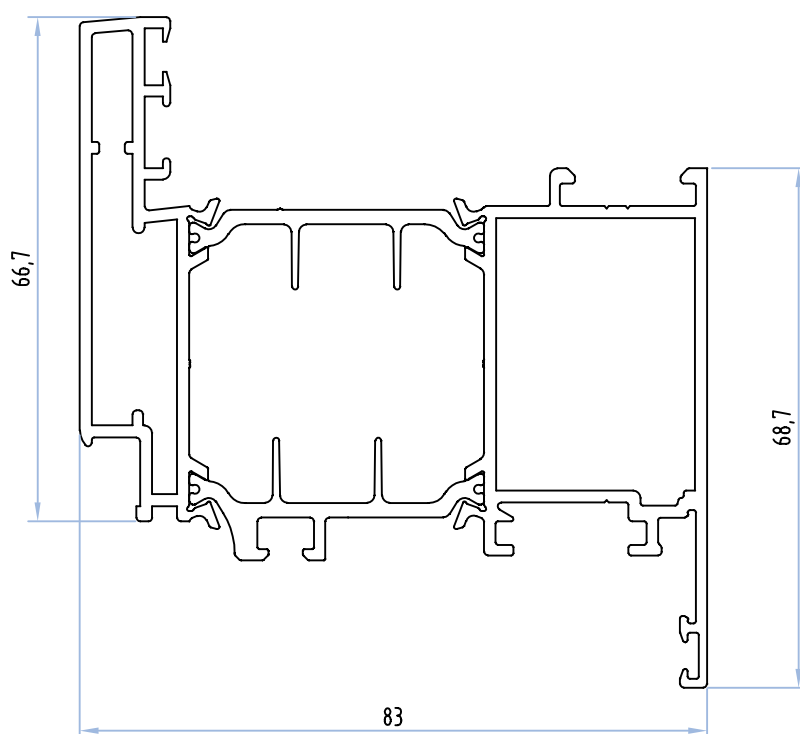
DO.6050
DO.5070



+A8061

Aro Móvel Reto Pequeno
Perímetro: 0,35m

Acessórios



+A8036

Aro Móvel Reto Grande
Perímetro: 0,52m

Acessórios



ES.4037



ES.A034



VD.8002



ES.9600.48



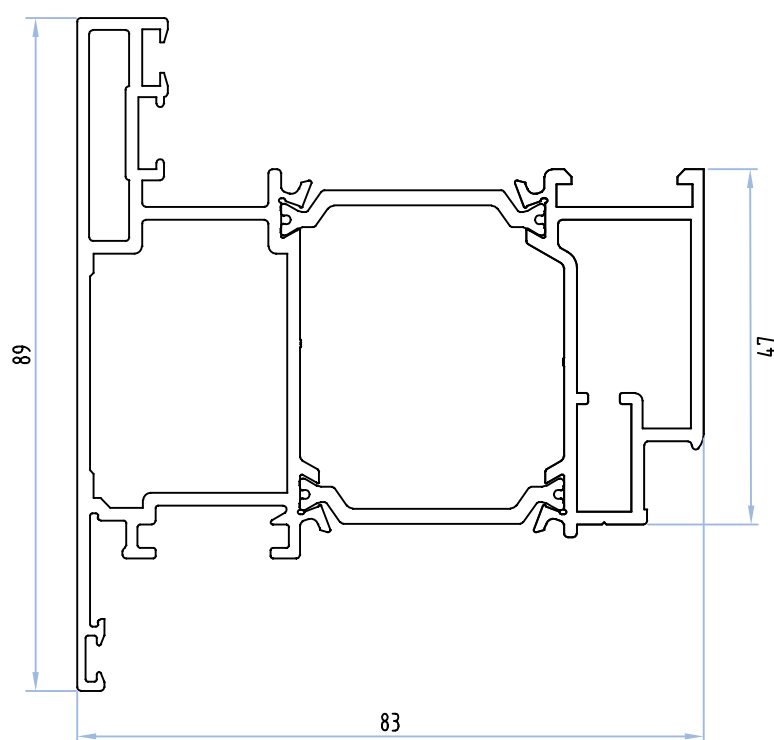
ES.9203.90



OS.M100
OS.1118.93
O.0552



DO.6050
DO.5070



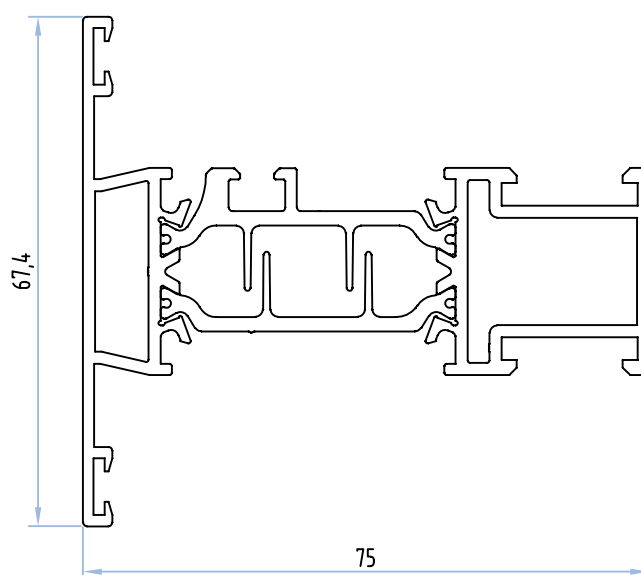
+A8072

Aro Móvel Abertura Exterior
Perímetro: 0,54m

Acessórios

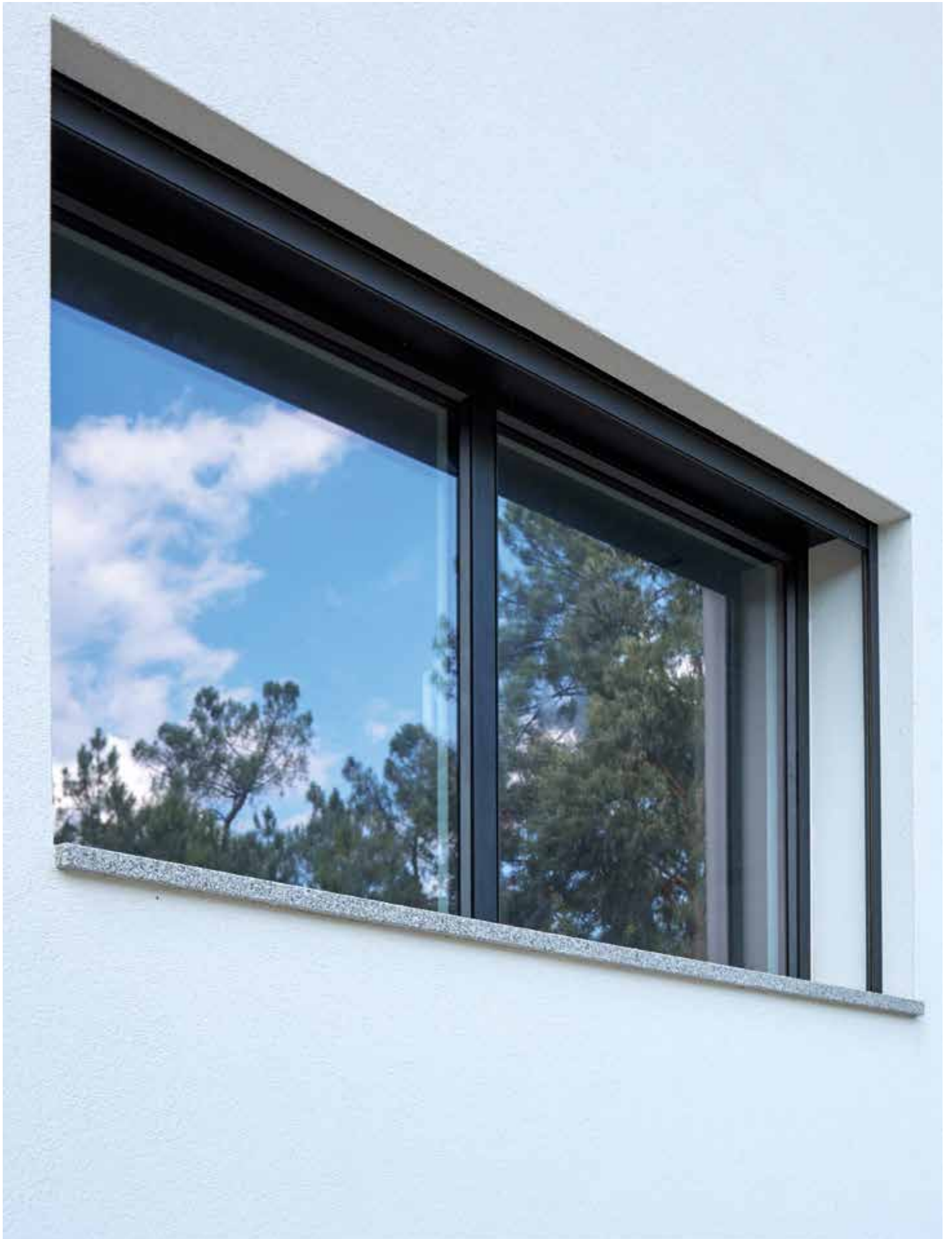


VD.9610.06 UN.2000.PQ



+A8001

Travessa Pequena
Perímetro: 0,41m



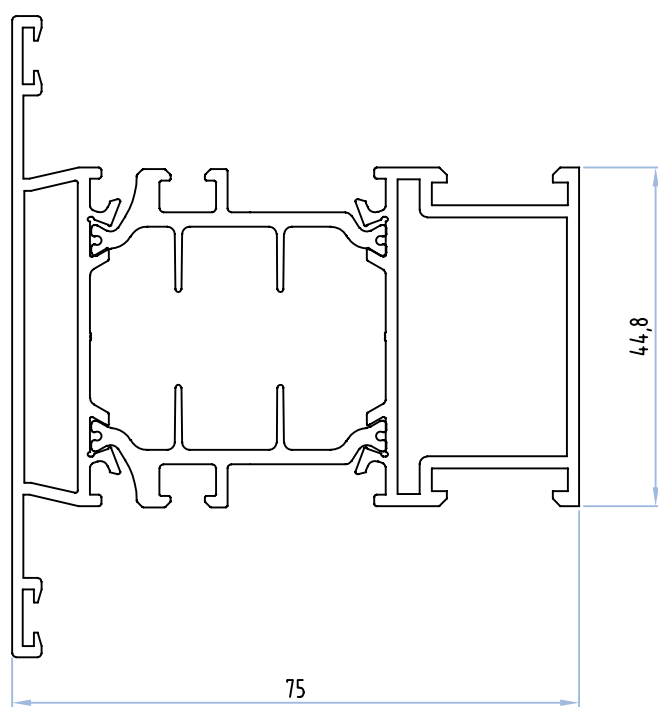
Acessórios



VD.9610.06



UN.2000.GR



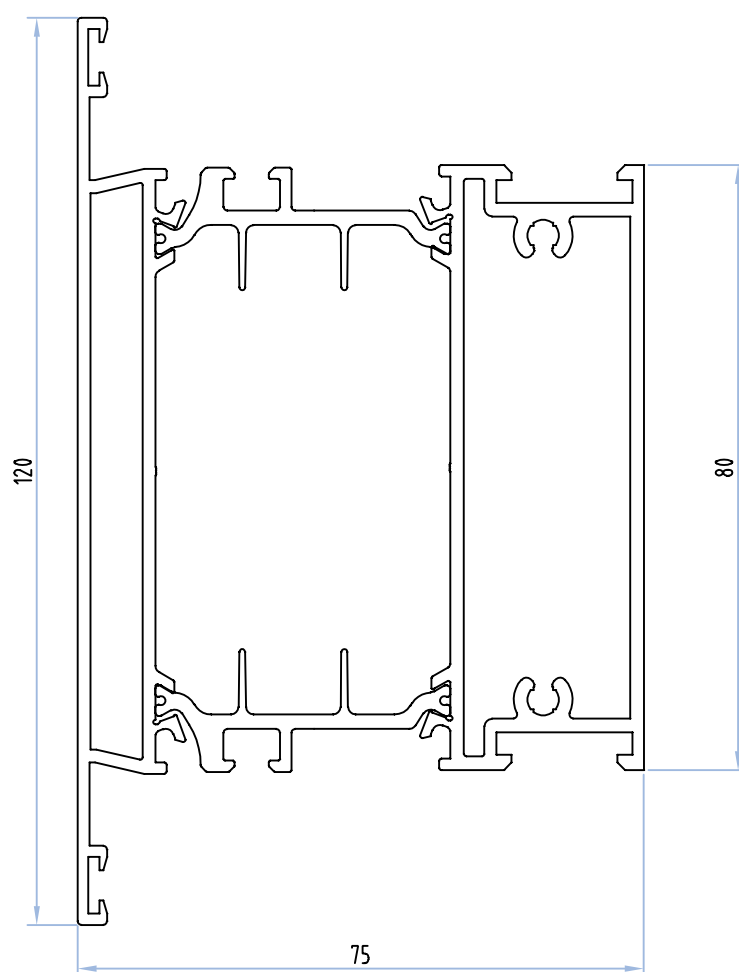
+A8006

Travessa Média
Perímetro: 0,48m

Acessórios

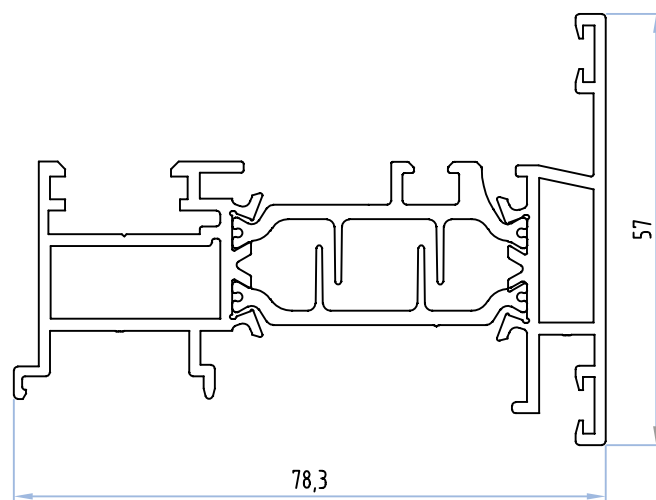


VD.9610.06



+A8012

Travessa Grande/Almofada
Perímetro: 0,61m



Acessórios



VD.9610.06



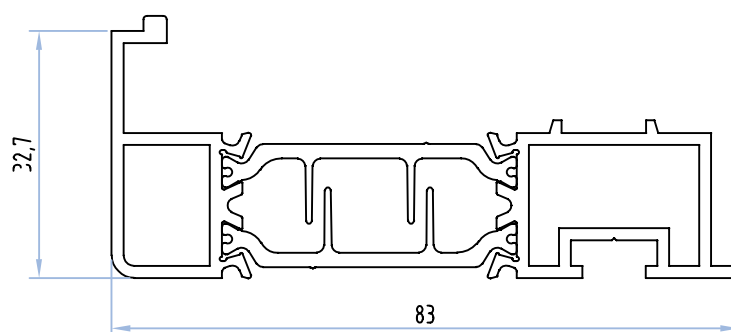
TP.1008.AK



TP.9201.14

+A8004

Inversor
Perímetro: 0,45m



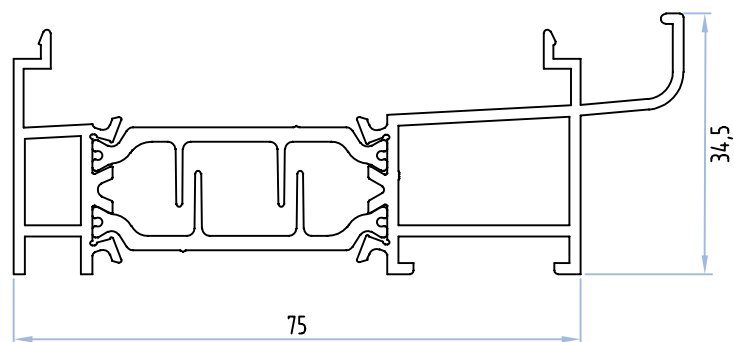
Acessórios



TP.ARI2.3

+A8023

Remate Inferior Porta Folha Oculta
Perímetro: 0,29m

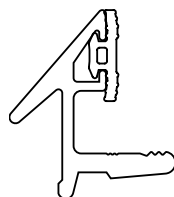
**+A8071**

Soleira de Condensação
Perímetro: 0,40m

+A8135 Caixa 52	+A8131 Caixa 45	+A8132 Caixa 33	+A8134 Caixa 33
19	26	38	38

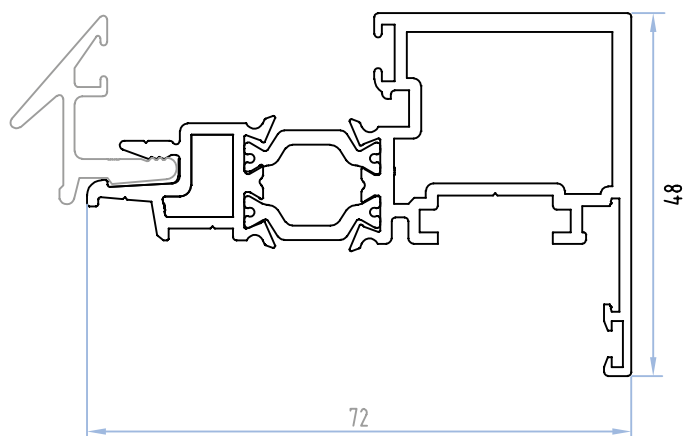




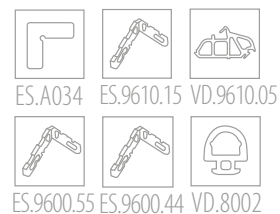


+A8052

Bite p/Folha Oculta
Perímetro: 0,11m



Acessórios



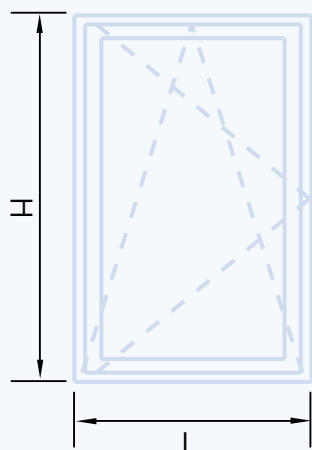
+A8078

Aro Móvel Folha Oculta
Perímetro: 0,38m

Medidas de Corte

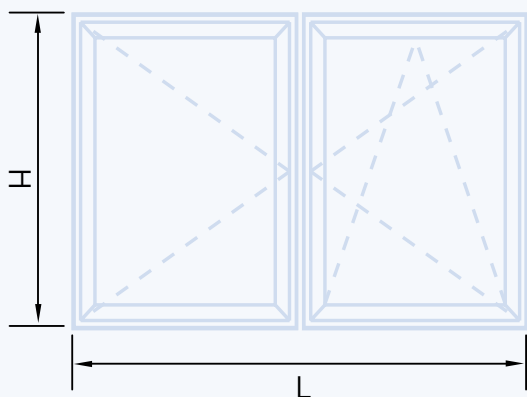
+A8000

Janela de Abrir de 1 Folha e Oscilo-Batente



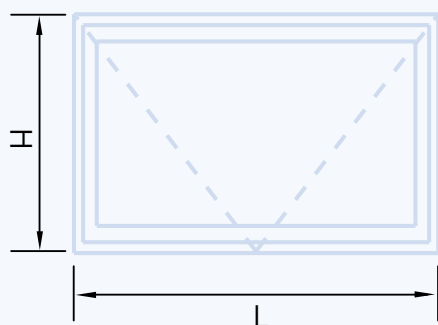
Perfil	Descrição	Corte	Quantidade	Medidas
+A8003	Aro Fixo		2	L
			2	H-28,5
+A8061	Aro Móvel		2	L-71,5
			2	L-44
+A8071	Soleira		1	L

Janela de Abrir de 2 Folhas e Oscilo-Batente



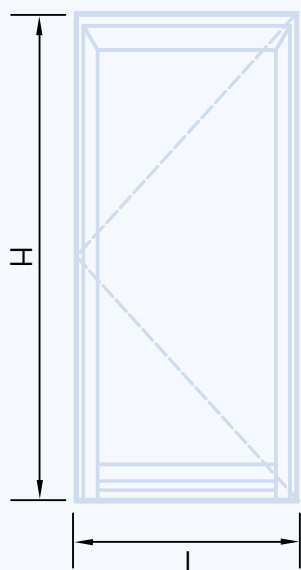
Perfil	Descrição	Corte	Quantidade	Medidas
+A8003	Aro Fixo		2	L
			2	H-28,5
+A8061	Aro Móvel		4	L/2-24
			4	H-71,5
+A8004	Inversor		1	H-139,5
+A8071	Soleira		1	L

Janela de 1 Folha Abertura Exterior



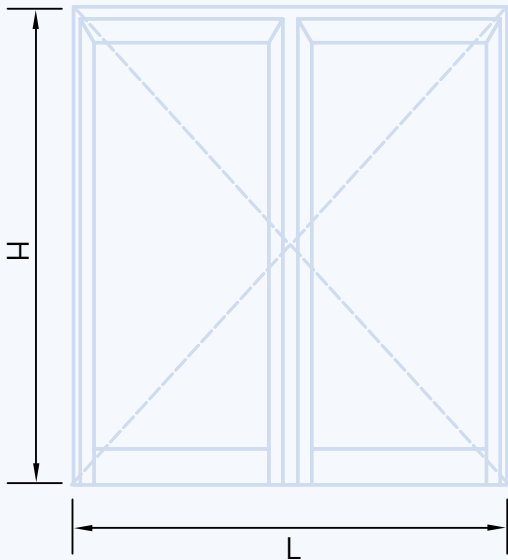
Perfil	Descrição	Corte	Quantidade	Medidas
+A8003	Aro Fixo		2	L
			2	H-28,5
+A8007	Aro Móvel Abertura Projectante Deslizante		2	L-43
			2	H-71,5
+A8071	Soleira		1	L

Porta de 1 Folha



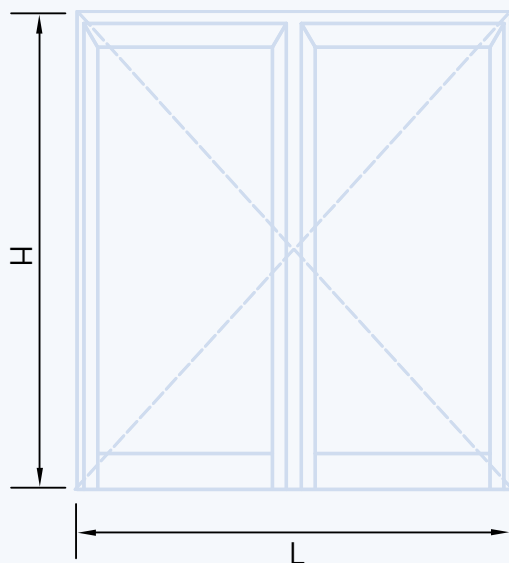
Perfil	Descrição	Corte	Quantidade	Medidas
+A8008	Aro Fixo		1	L
			2	H
+A8036	Aro Móvel		1	L-78
			2	H-46
+A8023	Remate		1	L-147

Porta de 2 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+A8008	Aro Fixo		1	L
			2	H
+A8010	Aro Móvel		2	L/2 - 41,5
			4	H-44
+A8004	Inversor		1	H-78
+A8012	Travessa		2	L/2 - 169,5

Porta de 2 Folhas Abertura Exterior



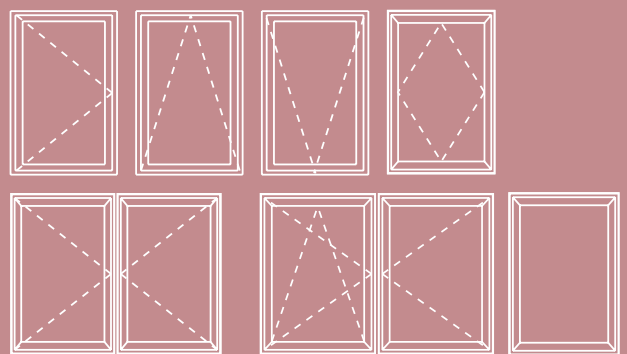
Perfil	Descrição	Corte	Quantidade	Medidas
+A8008	Aro Fixo		1	L
			2	H
+A8072	Aro Móvel Abertura Exterior		2	L/2 - 41,5
			4	H-44
+A8004	Inversor		1	H-78
+A8012	Travessa		1	L/2 - 169,5



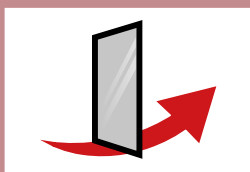
+E7500

(Câmara Europeia
Corte Térmico 77mm)

Tipologias

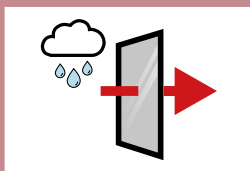


Desempenho Do Sistema +E7500
com vidro Ug= 0.400 W/m²K



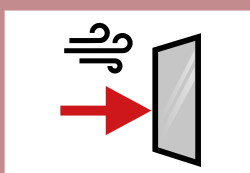
Permeabilidade ao Ar

4
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

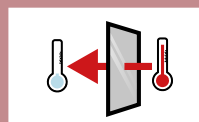
E1650
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)

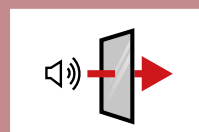
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

0.80 W/m²K

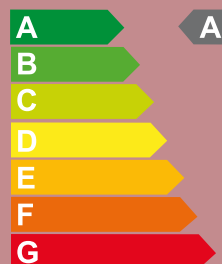
Coeficiente de Atenuação Acústica

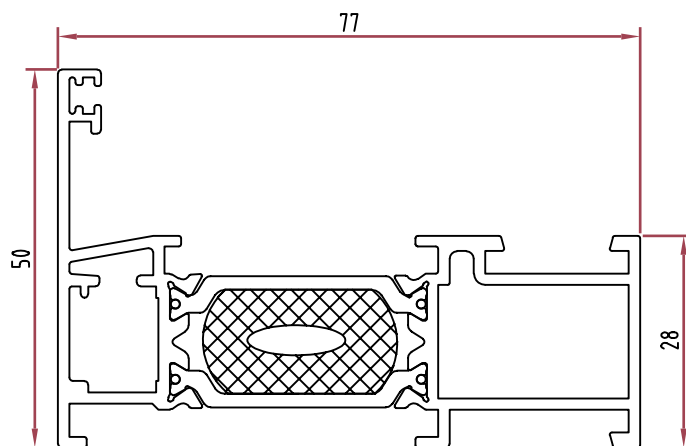


Atenuação Acústica Rw (C,Ctr):

40dB

Sistema de Etiquetagem Energética de Produtos





Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



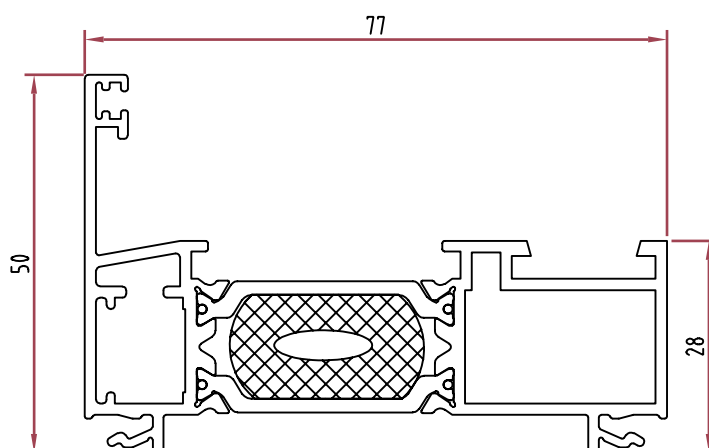
VD.8000



CN.77RT

+E7521

Aro Fixo Pequeno
Perímetro: 0,39m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



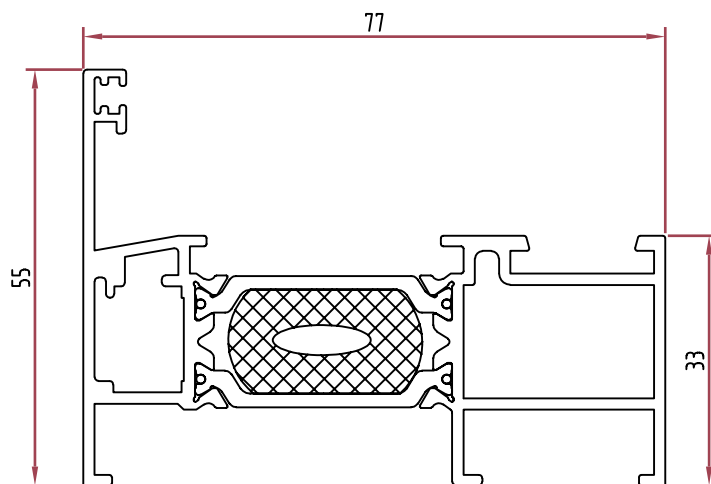
VD.8000



CN.77RT

+E7526

Aro Fixo Pequeno c/Clip
Interior/Exterior
Perímetro: 0,39m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



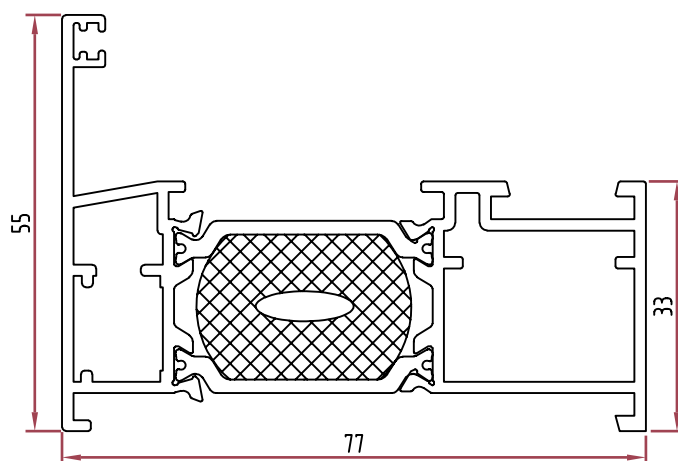
VD.8000



CN.77RT

+E7501

Aro Fixo Médio
Perímetro: 0,42m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



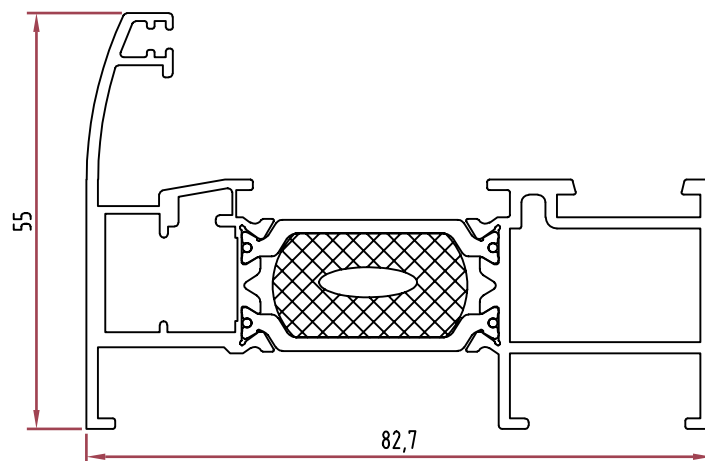
VD.8000



CN.77RT

+E7522

Aro Fixo Médio
Perímetro: 0,66m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



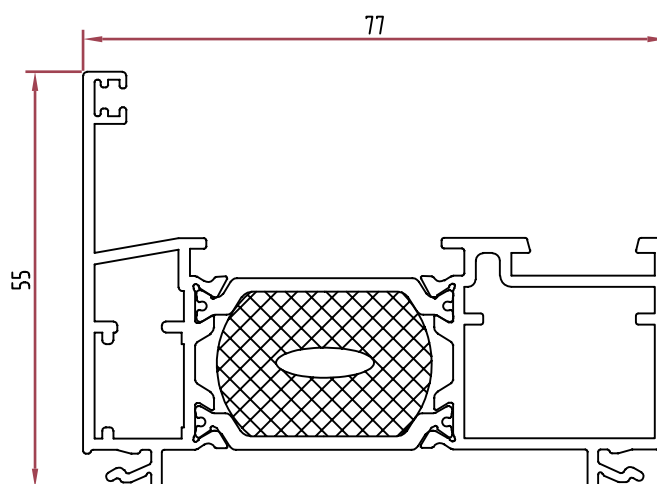
VD.8000



CN.77RT

+E7519

Aro Fixo Pequeno Curvo
Perímetro: 0,44m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



GO.9001



VD.8000



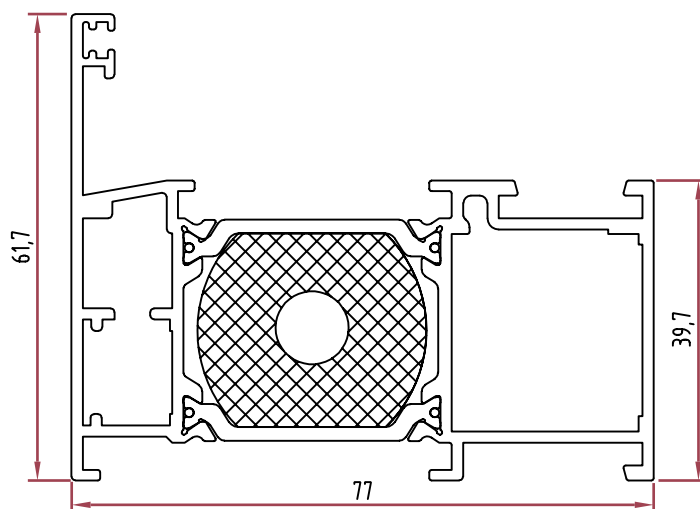
CN.77RT

+E7566

Aro Fixo Pequeno c/Clip
Interior/Exterior
Perímetro: 0,40m







Acessórios



ES.0914



ES.0444



VD.77RT.ECO



GO.9001



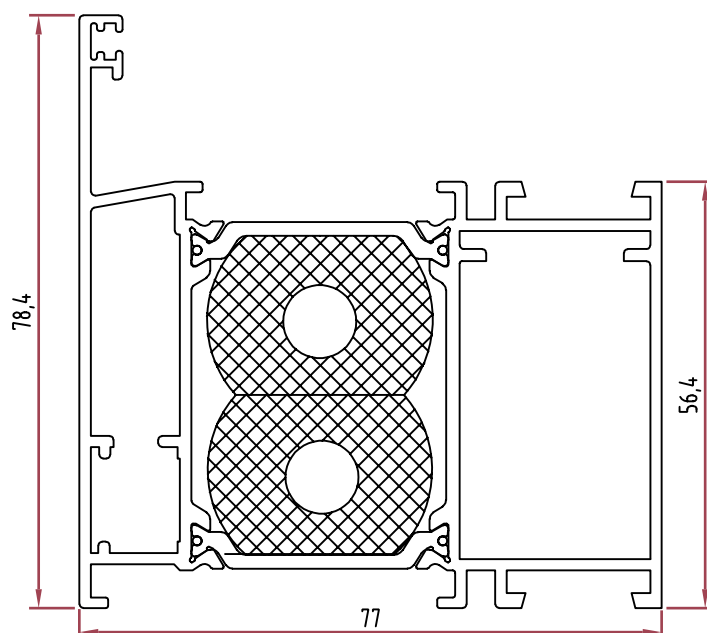
VD.8000



CN.77RT

+E7504

Aro Fixo Médio
Perímetro: 0,41m



Acessórios



ES.0914



ES.0410



VD.77RT.ECO



ES.2525



VD.8000



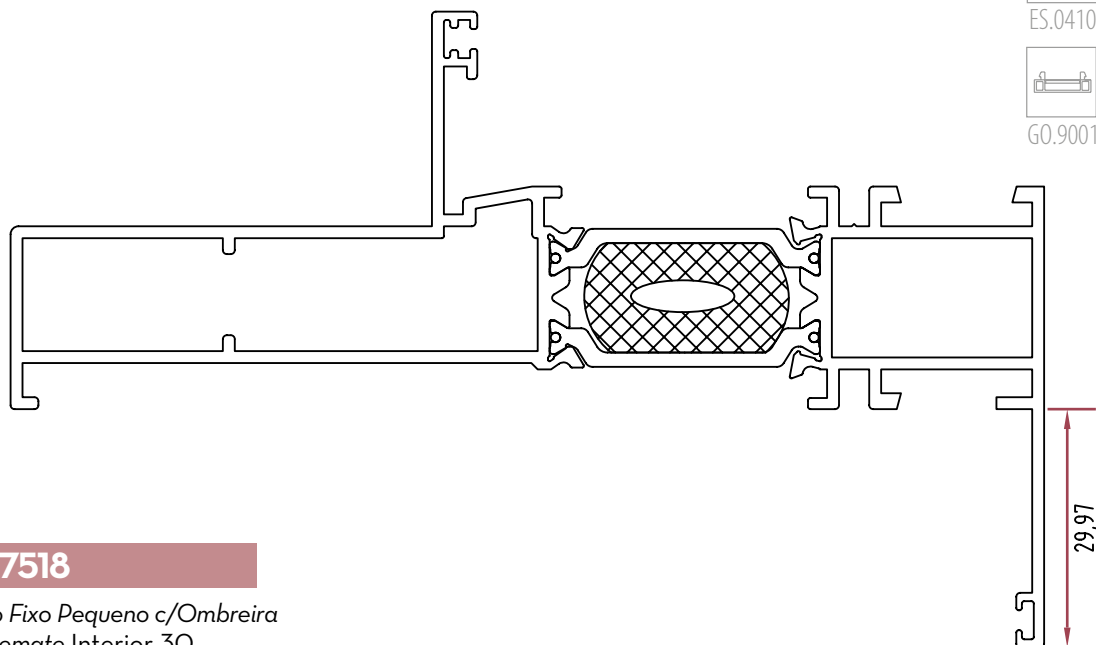
CN.77RT



GO.9001

+E7575

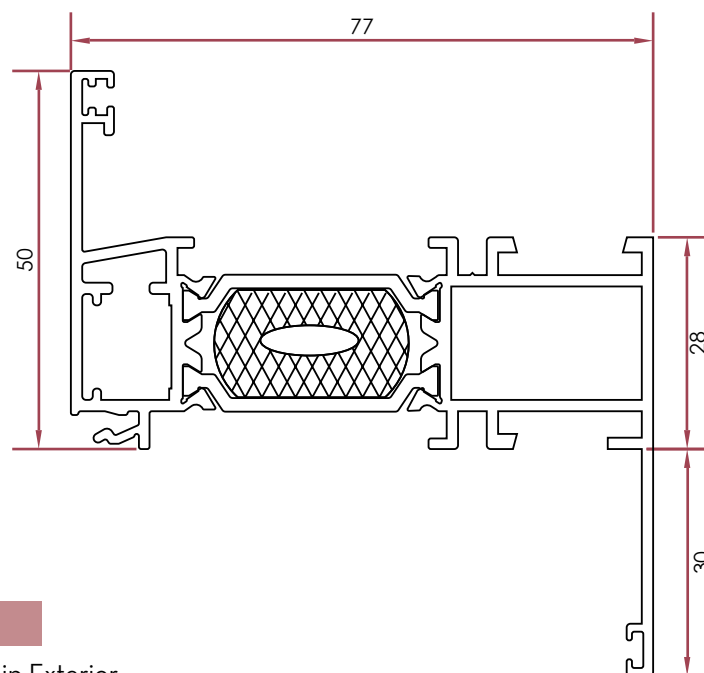
Aro Fixo Grande
Perímetro: 0,67m



+E7518

Aro Fixo Pequeno c/Ombreira
e Remate Interior 30
Perímetro: 0,60m

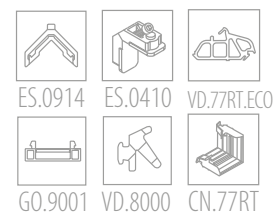
Acessórios



+E7527

Aro Fixo Pequeno c/Clip Exterior
e Remate Interior 30
Perímetro: 0,48m

Acessórios



Acessórios



ES.0914



ES.0410



ES.5015



VD.8000



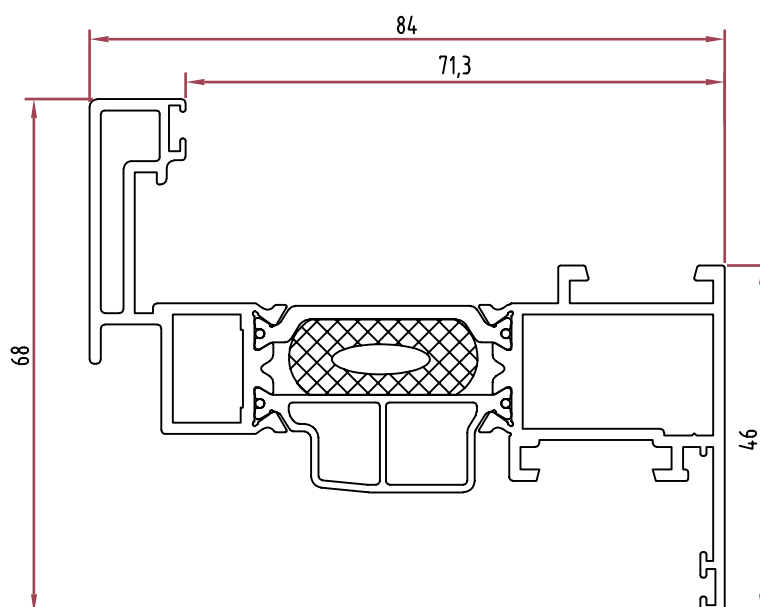
ES.A013



DO.6050
DO.5070



OS.M100
OS.T118.93
O.0552



+E7503

Aro Móvel Recto Pequeno
Perímetro: 0,44m

Acessórios



ES.0914



ES.0410



ES.5015



VD.8000



ES.A013



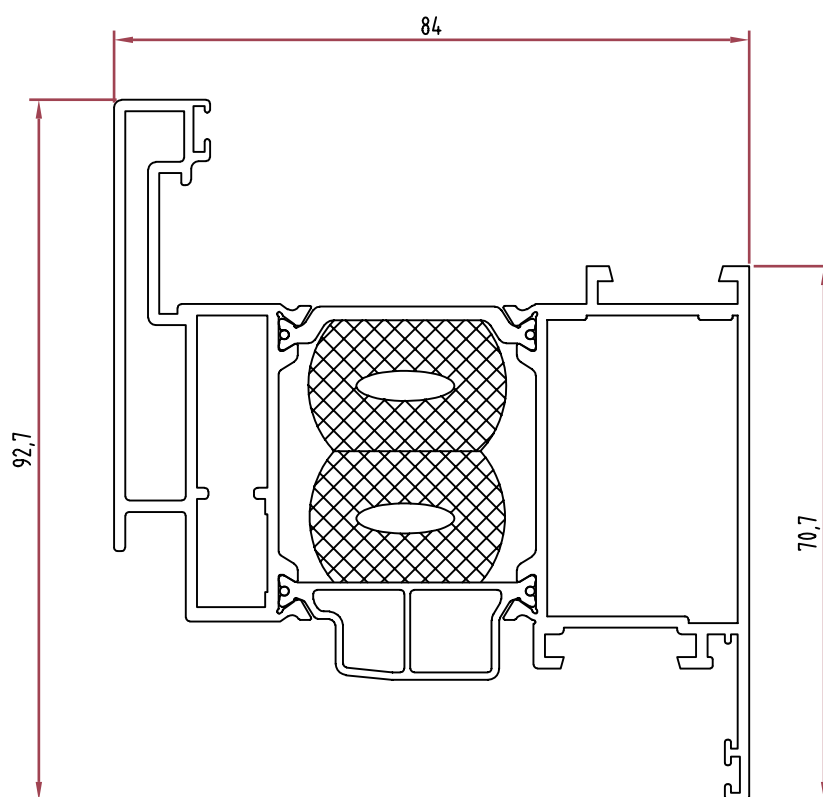
ES.2525



DO.6050
DO.5070



OS.M100
OS.1118.93
0.0552



+E7506

Aro Móvel Recto Grande
Perímetro: 0,54m

Acessórios



ES.0914



ES.0410



ES.5015



VD.8000



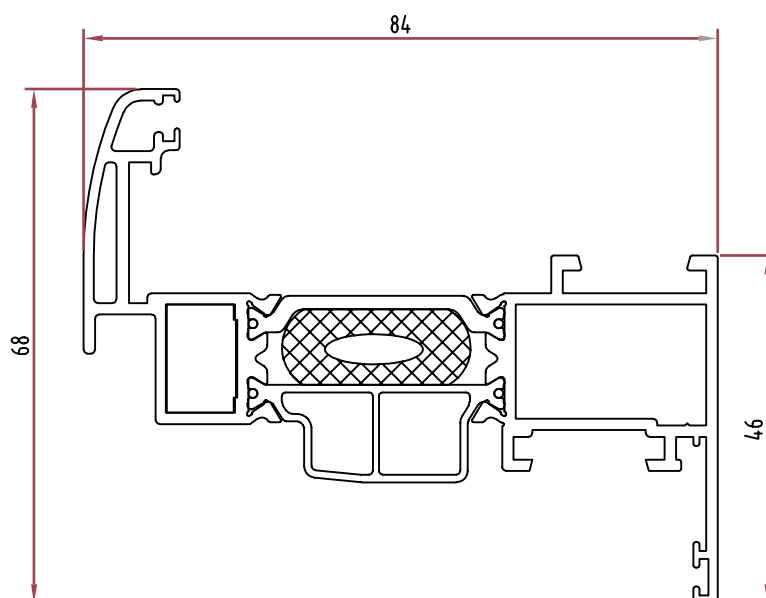
ES.A013



DO.6050
DO.5070



OS.M100
OS.T118.93
O.0552



+E7502

Aro Móvel Curvo Pequeno
Perímetro: 0,45m

Acessórios



ES.0914



ES.0444



ES.5015



VD.8000



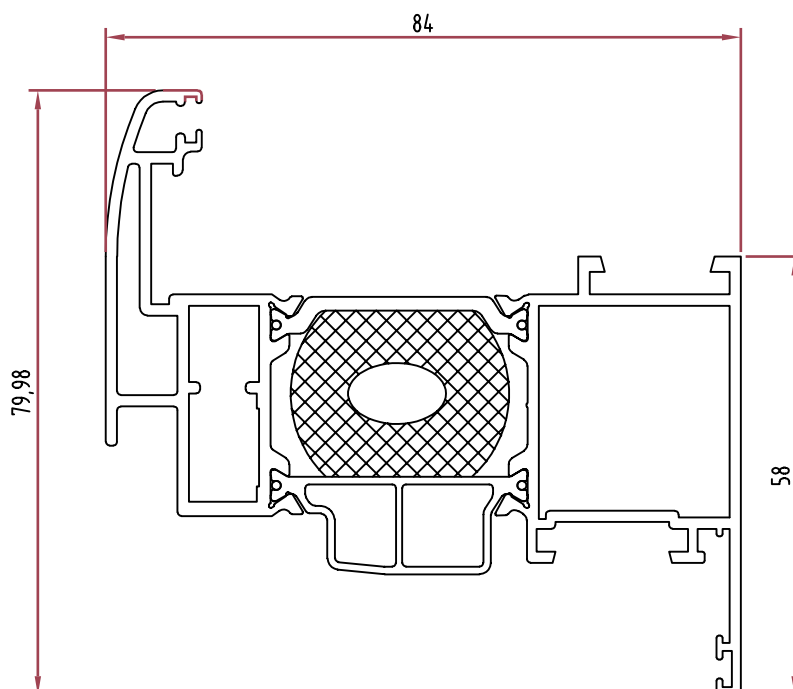
ES.A013



DO.6050
DO.5070



OS.M100
OS.1118.93
O.0552



+E7516

Aro Móvel Curvo Médio
Perímetro: 0,51m

Acessórios



ES.0914



ES.0410



ES.5015



VD.8000



ES.A013



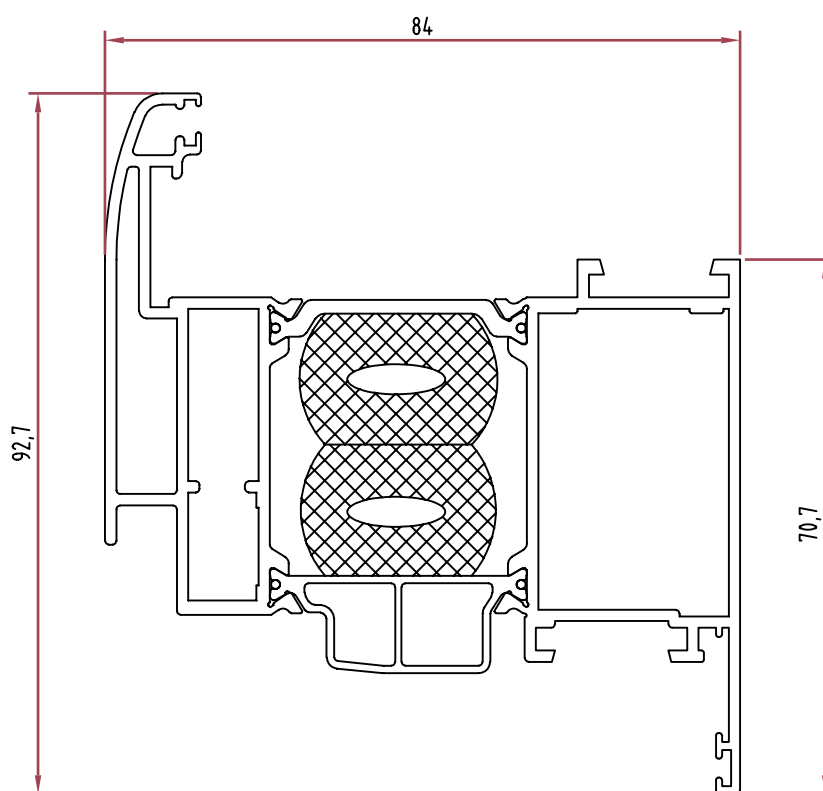
ES.2525



D0.6050
D0.5070

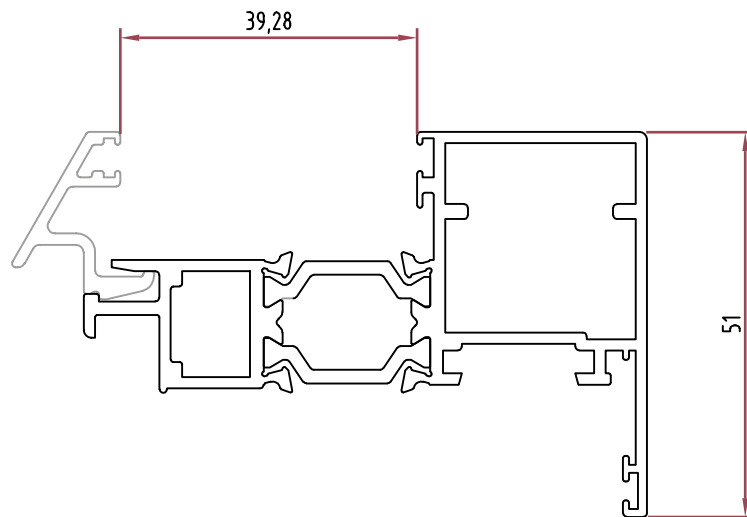


OS.M100
OS.1118.93
O.0552



+E7505

Aro Móvel Curvo Grande
Perímetro: 0,55m



Acessórios



+E7338

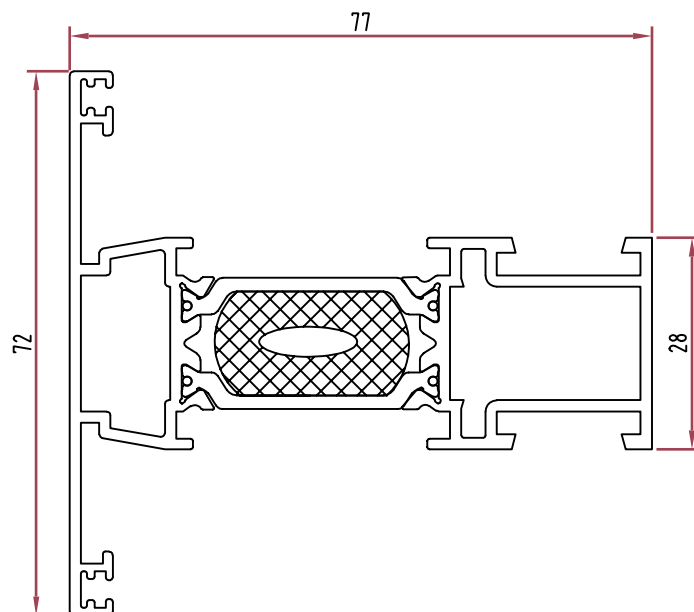
Aro Móvel Folha Oculta
Perímetro: 0,38m



+E6306

Bite Folha Oculta
Perímetro: 0,12m





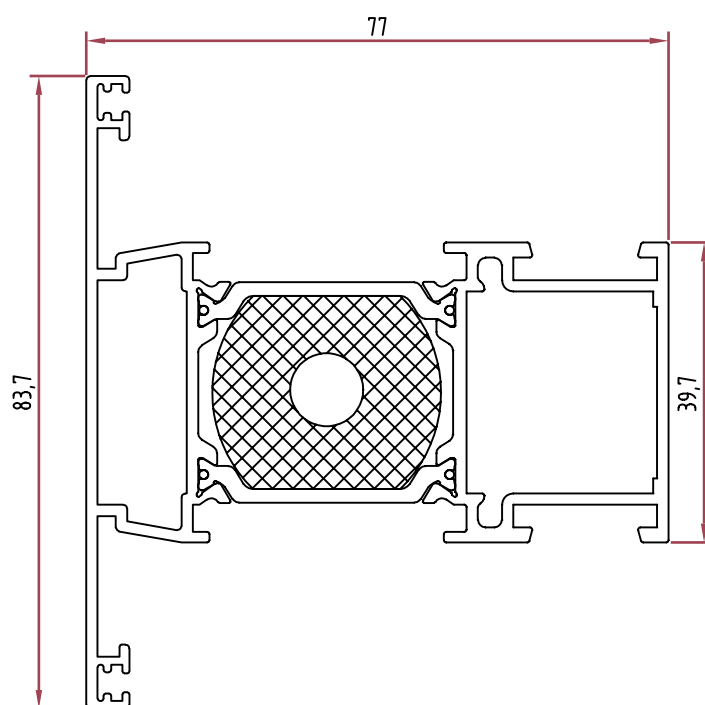
Acessórios



VD.77RT.ECO UN.2000.PQ

+E7510

Travessa Pequena
Perímetro: 0,45m



Acessórios



VD.77RT.ECO UN.3063.5

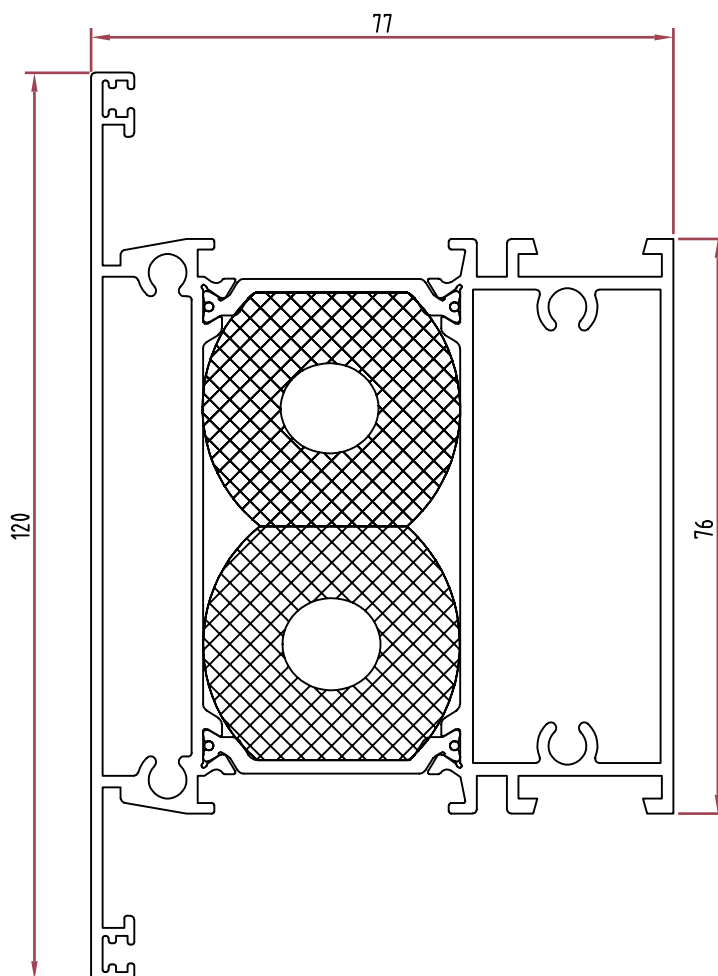
+E7511

Travessa Média
Perímetro: 0,52m

Acessórios



VD.77RT.ECO

**+E7512**

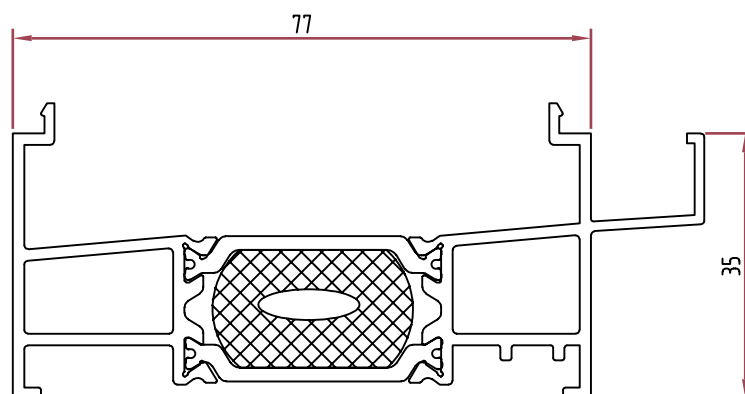
Travessa Grande/Almofada
Perímetro: 0,68m

+E2826 Caixa 62	+E2806 Caixa 59	+E2807 Caixa 57	+E2808 Caixa 53	+E2882 Caixa 51
+E2809 Caixa 48	+E2883 Caixa 45	+E2810 Caixa 42	+E2812 Caixa 36	+E2827 Caixa 33

Acessórios



TP.3021.1 GO.9001



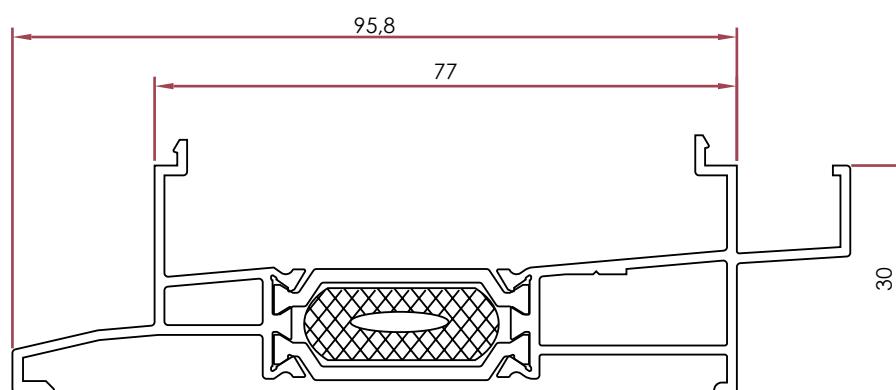
+E7594

Soleira de Condensação
Perímetro: 0,41m

Acessórios



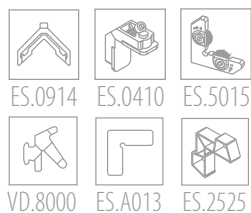
TP.3021.1 GO.9001



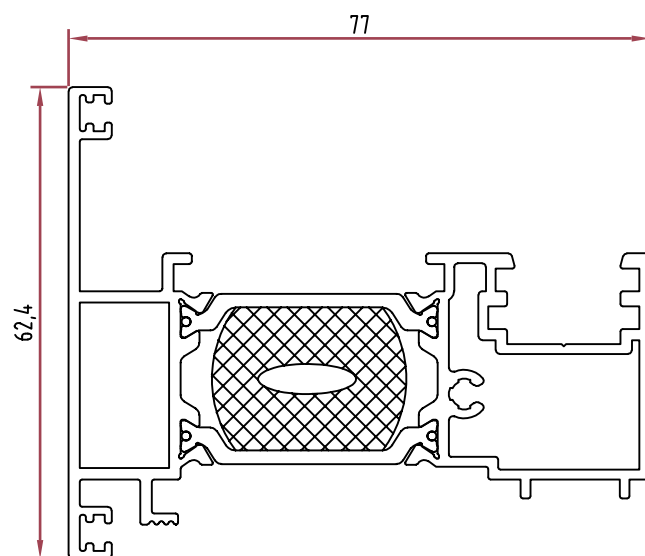
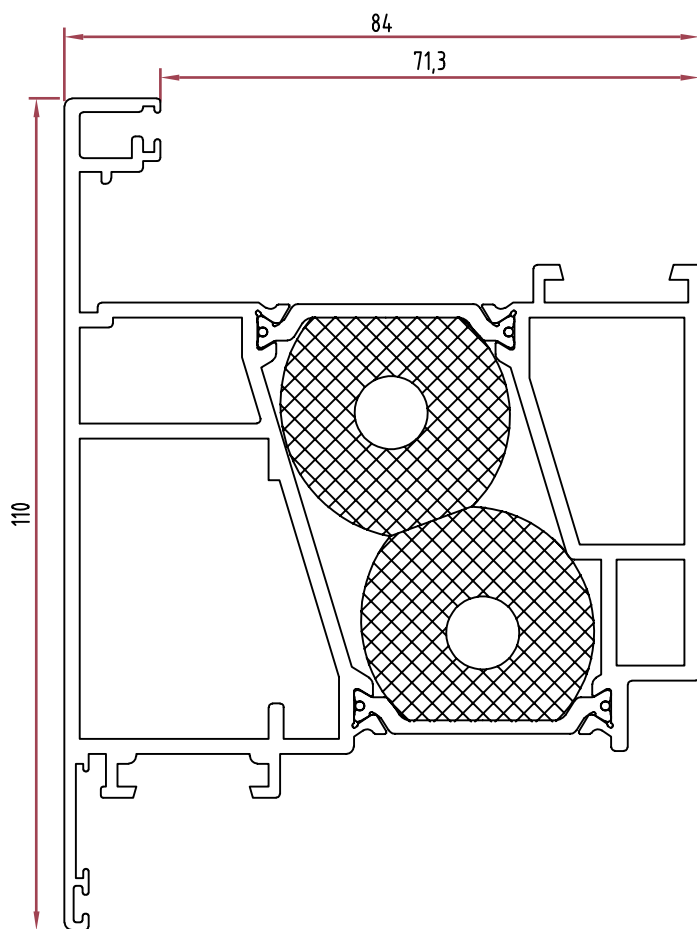
+E7593

Soleira de Condensação
Perímetro: 0,40m

Acessórios



Acessórios



+E7529

Aro Móvel Abertura Exterior
Perímetro: 0,64m

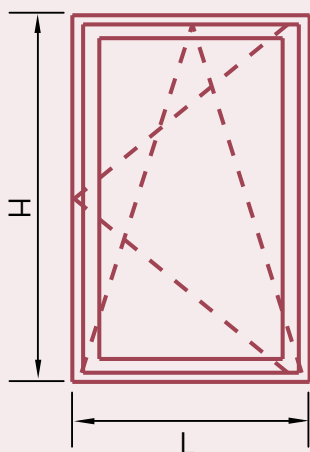
+E7507

Inversor
Perímetro: 0,44m

Medidas de Corte

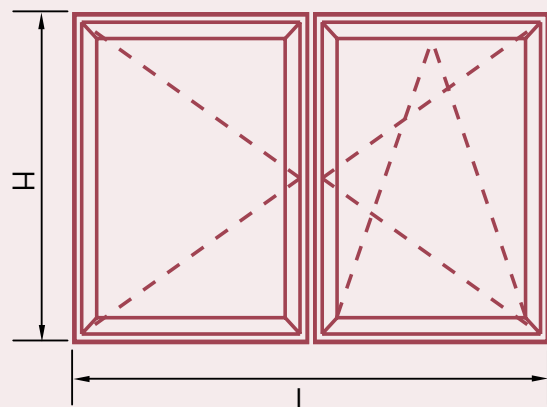
+E7500

Janela de Abrir de 1 Folha Abertura Interior



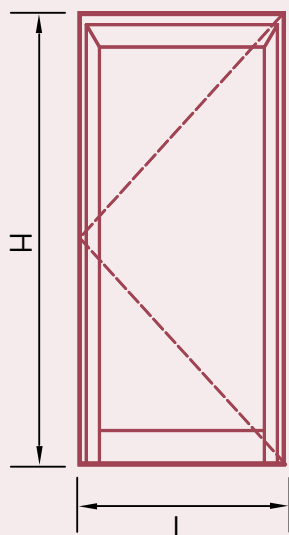
Perfil	Descrição	Corte	Quantidade	Medidas
+E7521	Aro Fixo		2	H
				L
+E7503	Aro Móvel		2	H-44
				L-44
+E7594	Soleira		1	L

Janela de Abrir de 2 Folhas Abertura Interior



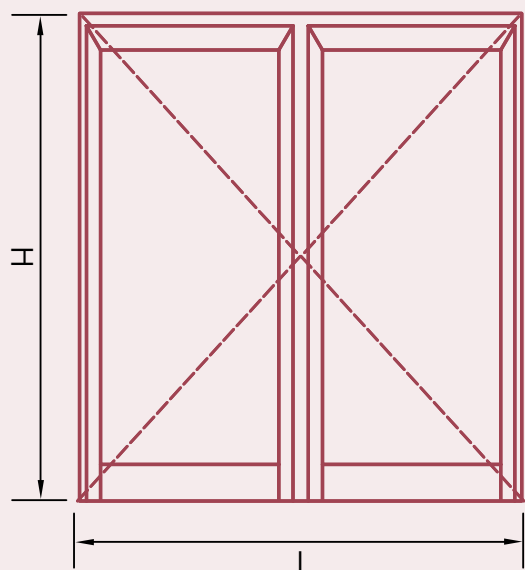
Perfil	Descrição	Corte	Quantidade	Medidas
+E7521	Aro Fixo		2	H
				L
+E7503	Aro Móvel		4	H-44
				L/2-25
+E7507	Inversor		1	H-115
+E7594	Soleira		1	L

Porta de 1 Folha Abertura Interior

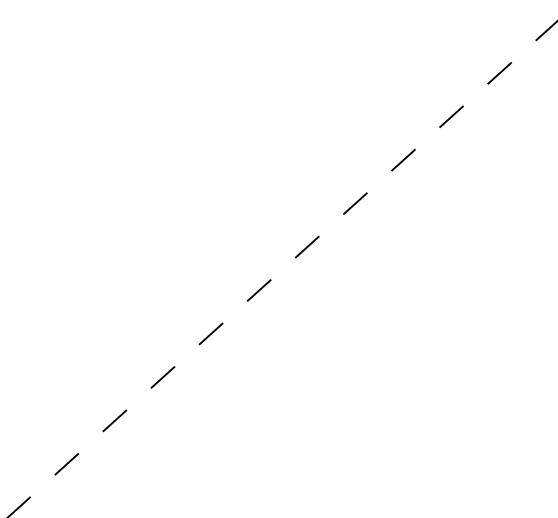


Perfil	Descrição	Corte	Quantidade	Medidas
+E7504	Aro Fixo		2	H
			1	L
+E7506	Aro Móvel		2	H-39
			1	L-67
+E7512	Travessa		1	L-199

Porta de 2 Folhas Abertura Interior



Perfil	Descrição	Corte	Quantidade	Medidas
+E7504	Aro Fixo		2	H
			1	L
+E7506	Aro Móvel		4	H-39
			2	L/2-37
+E7507	Inversor		1	H-75
+E7512	Travessa		2	L/2-168



Série de Correr

- +C600 (Perimetral 60mm)
- +F200 (Correr 70mm)
- +C3000 (Correr 90mm)
- +C4000 (Perimetral 90mm)
- +C4200 (Perimetral Corte Térmico)
- +C4600 (Perimetral 60mm)
- +C5200 (Elevatória Perimetral Corte Térmico 125mm)
- +C2600 (Elevatória Perimetral Corte Térmico 125mm)
- +C5600 (Elevatória Ligeira Perimetral Corte Térmico 105mm)
- +K8000 (Minimalista Corte Térmico 120mm)

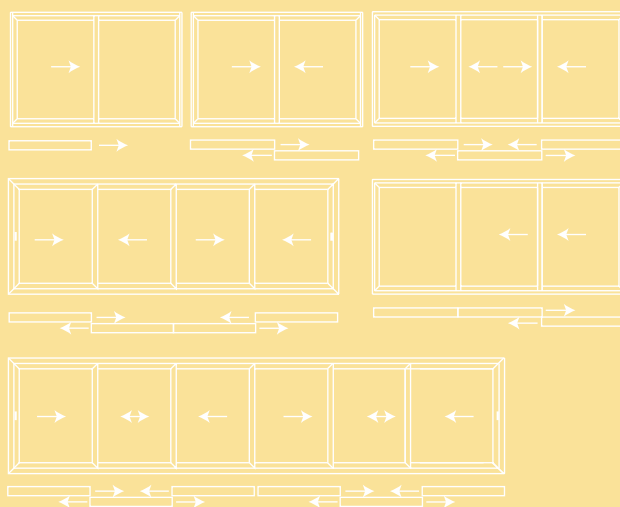




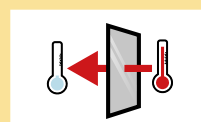
+C600

(Perimentral 60mm)

Tipologias



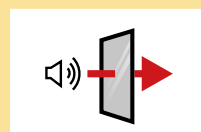
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

2,70 W/m²K

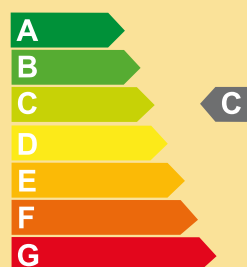
Coeficiente de Atenuação Acústica



Atenuação Acústica R_w (C,Ctr):

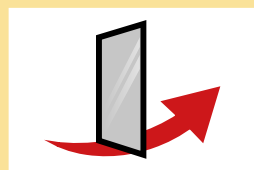
34 (-1,-4)

Sistema de Etiquetagem Energética de Produtos



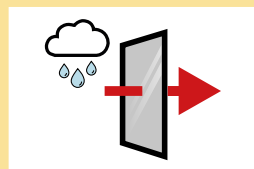
Desempenho Do Sistema +C600

com vidro $U_g = 2,0$ W/m²K



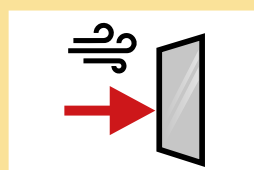
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

4A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C4
Classe
(norma de ensaio EN 12211)

Acessórios



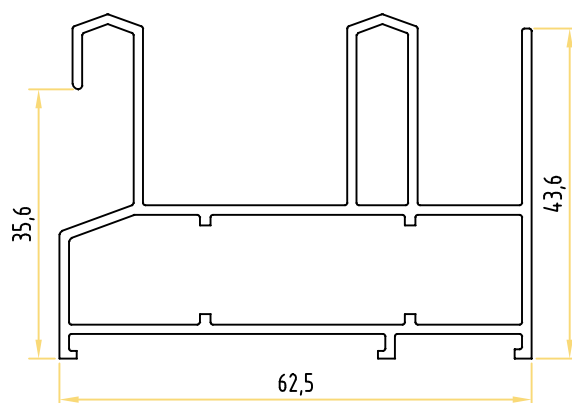
ES.2514



SK.9486.I



GO.9001



+C603

Aro Fixo
Perímetro: 0,35m

Acessórios



ES.A003



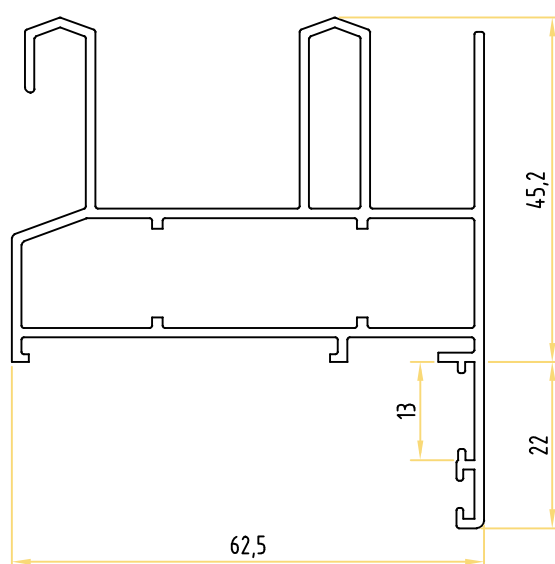
ES.2514



SK.9486.I

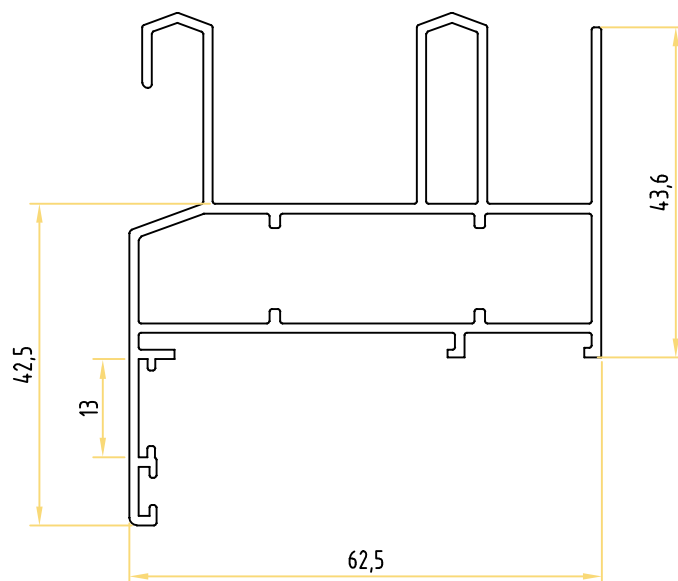


GO.9001



+C605

Aro Fixo c/ Remate Interior
Perímetro: 0,42m



Acessórios



ES.A003



ES.2514



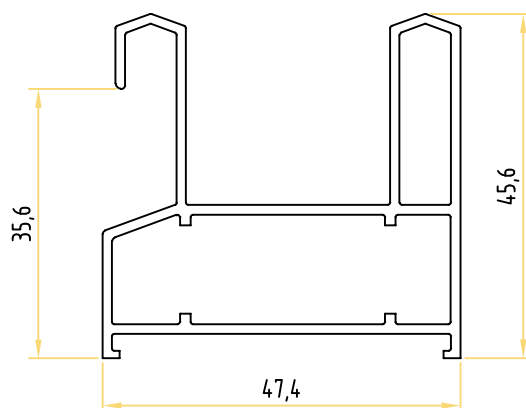
SK.9486.I



GO.9001

+C606

Aro Fixo c/ Remate Exterior
Perímetro: 0,42m



Acessórios



ES.2514



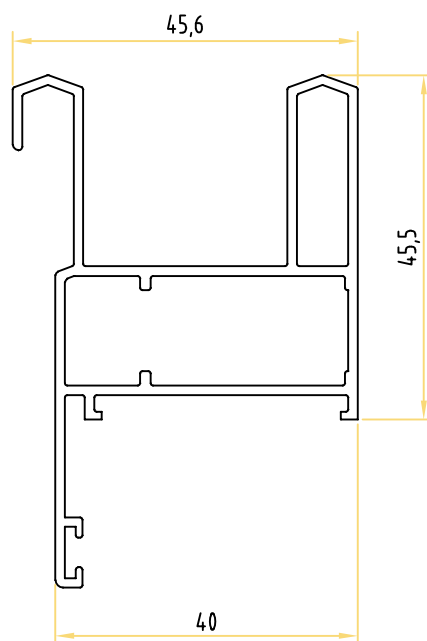
SK.9486.I



GO.9001

+C604

Aro Fixo
Perímetro: 0,27m



Acessórios



ES.2514



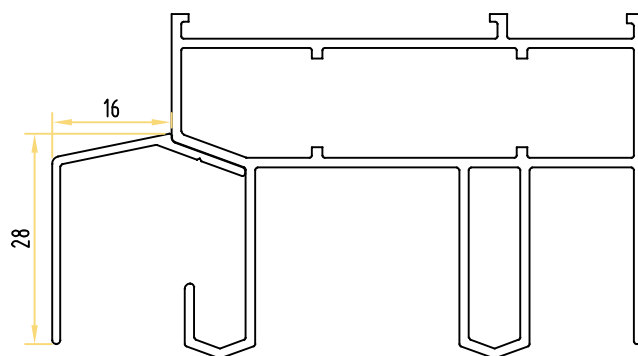
SK.9486.I



GO.9001

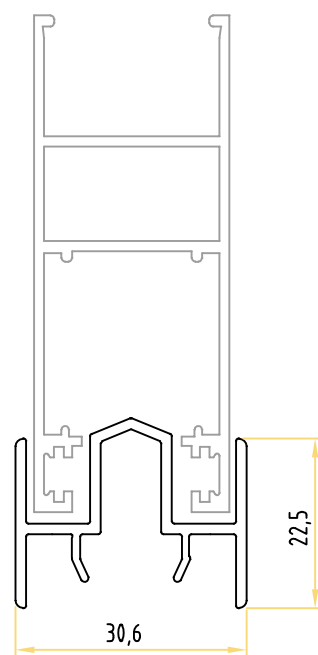
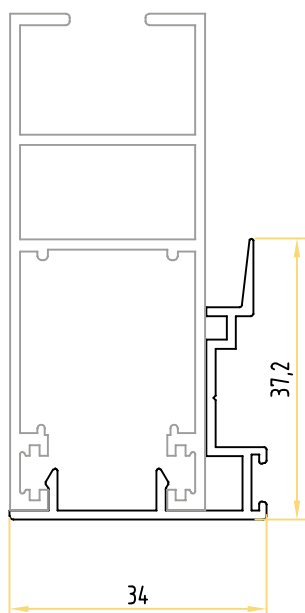
+C609

Aro Fixo c/ Remate Exterior
Perímetro: 0,32m



+C608

Remate
Perímetro: 0,10m



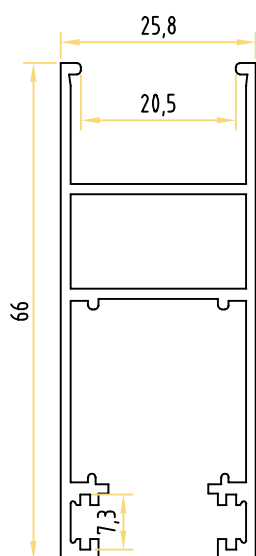
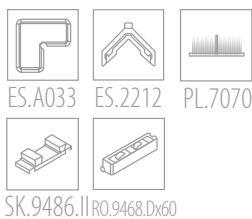
+C607

Tampa / Engate
Perímetro: 0,19m

+C617

Perfil p/ Três ou Quatro Folhas
Perímetro: 0,22m

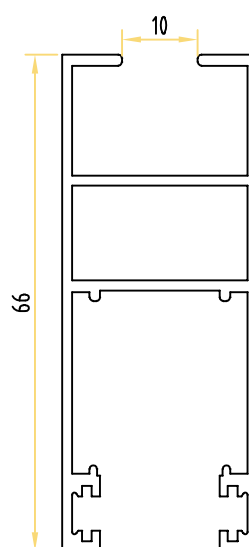
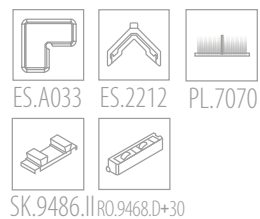
Acessórios



+C601

Aro Móvel p/ Vidro Duplo
Perímetro: 0,34m

Acessórios



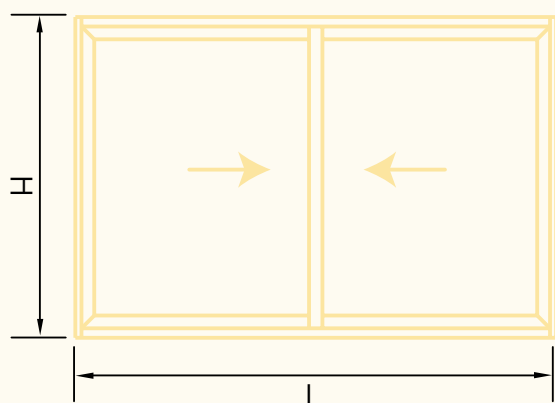
+C602

Aro Móvel p/ Vidro Simples
Perímetro: 0,37m

Medidas de Corte

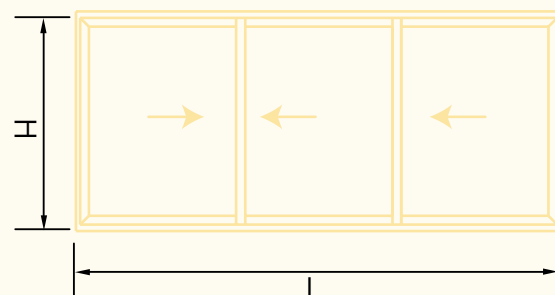
+C600

Janela de Correr de 2 Folhas



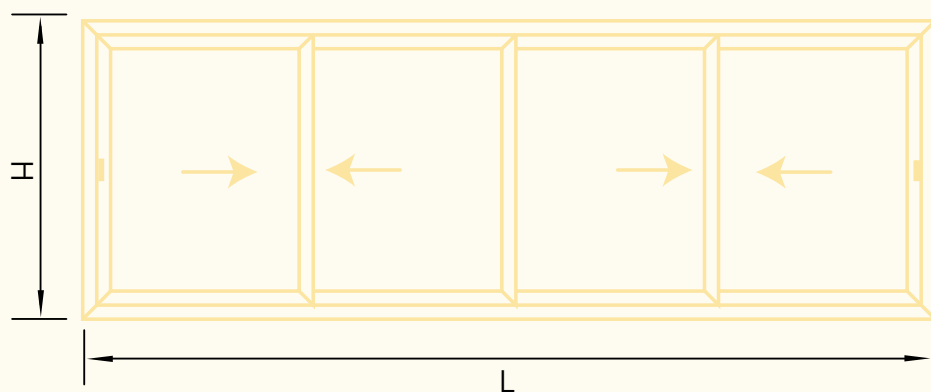
Perfil	Descrição	Corte	Quantidade	Medidas
+C604	Aro Fixo		2	H
+C603	Aro Fixo			L
+C601	Aro Móvel		4	H-72
+C602	Aro Móvel			L/ 2-5
+C607	Perfil		2	H-72

Janela de Correr de 3 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C604	Aro Fixo		2	H
+C603	Aro Fixo			L
+C601	Aro Móvel		6	H-72
+C602	Aro Móvel			L/2- 4
+C607	Perfil		2	H-72
+C617	Perfil		1	H-72

Janela de Correr de 4 Folhas



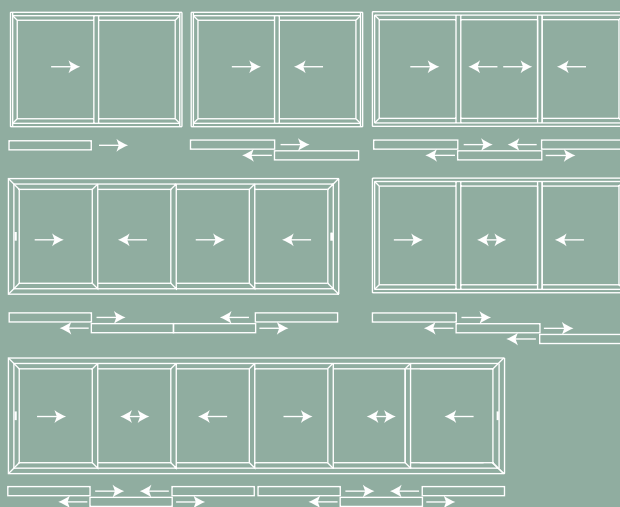
Perfil	Descrição	Corte	Quantidade	Medidas
+C604	Aro Fixo		2	H
+C603	Aro Fixo			L
+C601	Aro Móvel		8	H-72
+C602	Aro Móvel			L/2- 4
+C607	Perfil		4	H-72
+C617	Perfil		1	H-72



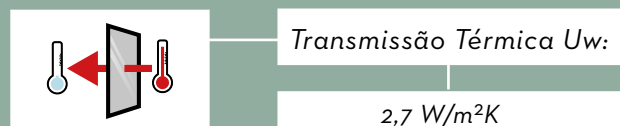
+F200

(Correr 70mm)

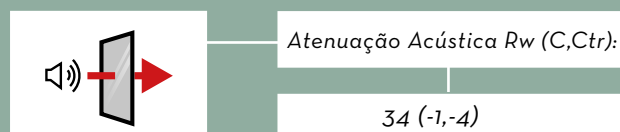
Tipologias



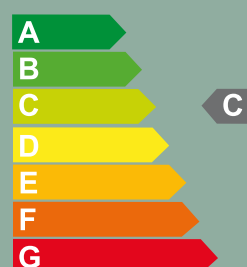
Coeficiente de Transmissão Térmica



Coeficiente de Atenuação Acústica



Sistema de Etiquetagem Energética de Produtos



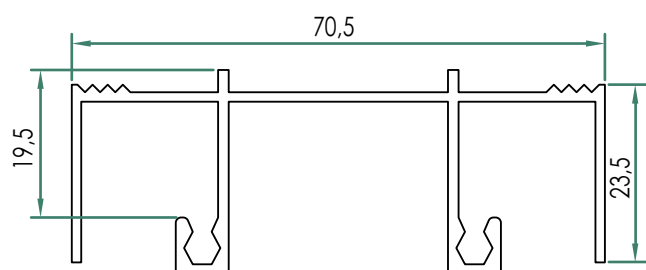
Desempenho Do Sistema +F200 com vidro Ug= 2,0 W/m²K



Acessórios



SK.9119.I



+F219

Padieira
Perímetro: 0,38m

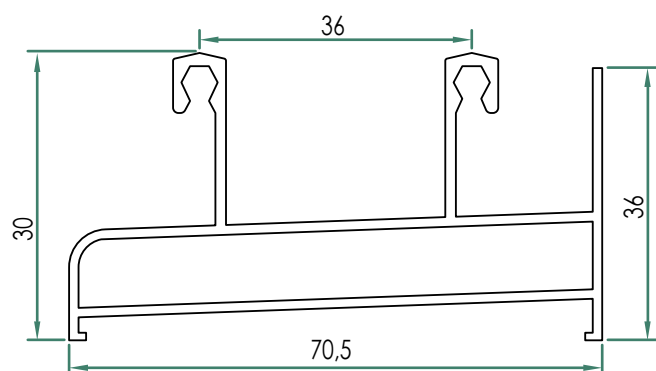
Acessórios



SK.9119.I

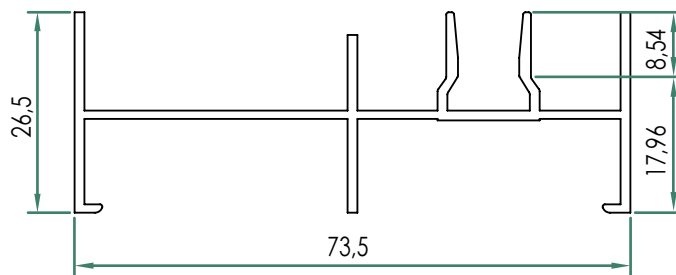


G0.9001



+F215

Soleira c/Caixa
Perímetro: 0,35m



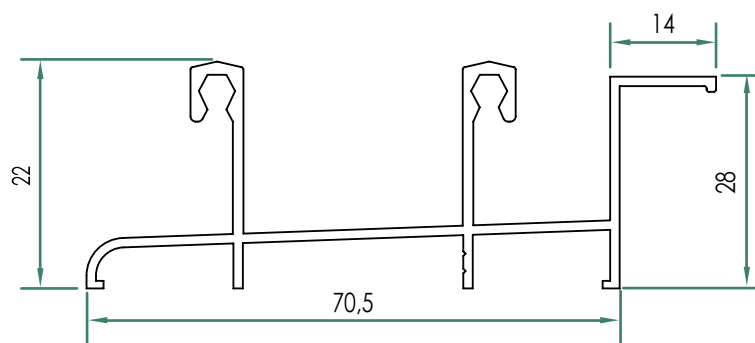
+F217

Ombreira
Perímetro: 0,36m

Acessórios



SK.9119.1



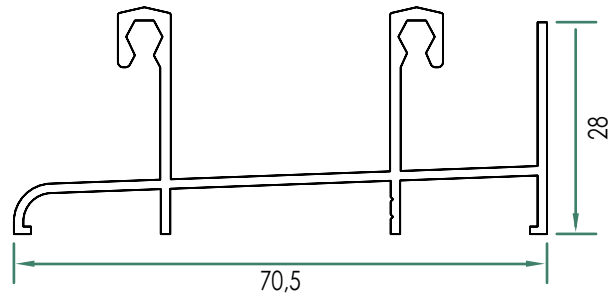
+F214

Soleira c/Remate
Perímetro: 0,40m

Acessórios



SK.9119.I



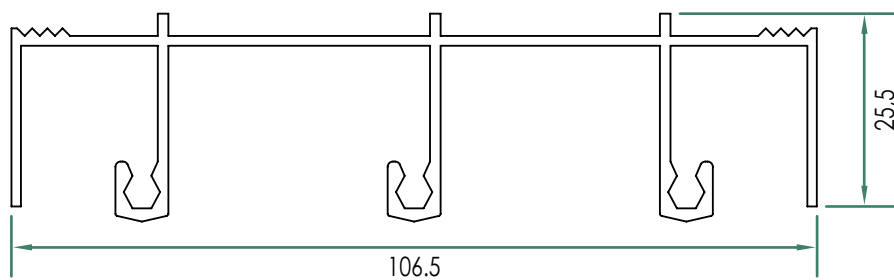
+F216

Soleira Simples
Perímetro: 0,37m

Acessórios



SK.9119.I



+F259

Padieira Tri-Rail
Perímetro: 0,53m

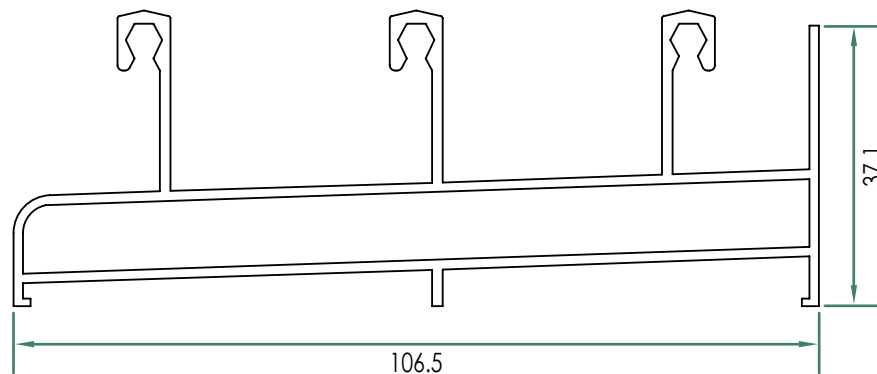
Acessórios



SK.9119.I

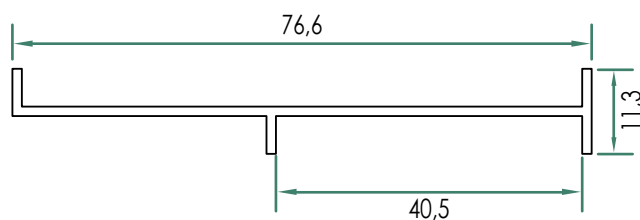


G0.9001



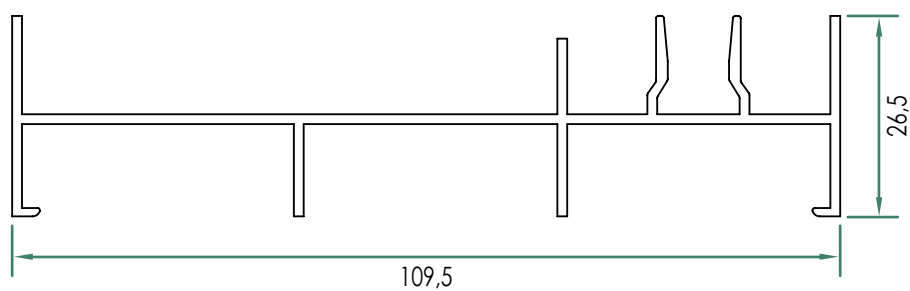
+F255

Soleira Tri-Rail
Perímetro: 0,51m



+F205

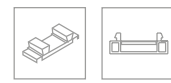
Perfil de Ligação
Perímetro: 0,20m



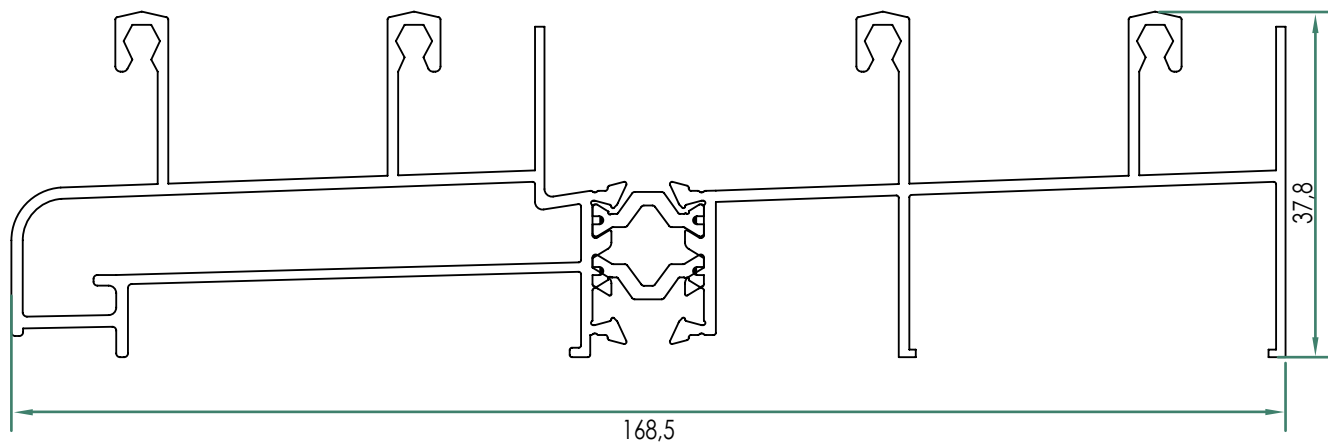
+F257

Ombreira Tri-Rail
Perímetro: 0,45m

Acessórios



SK.9119.I GO.9001

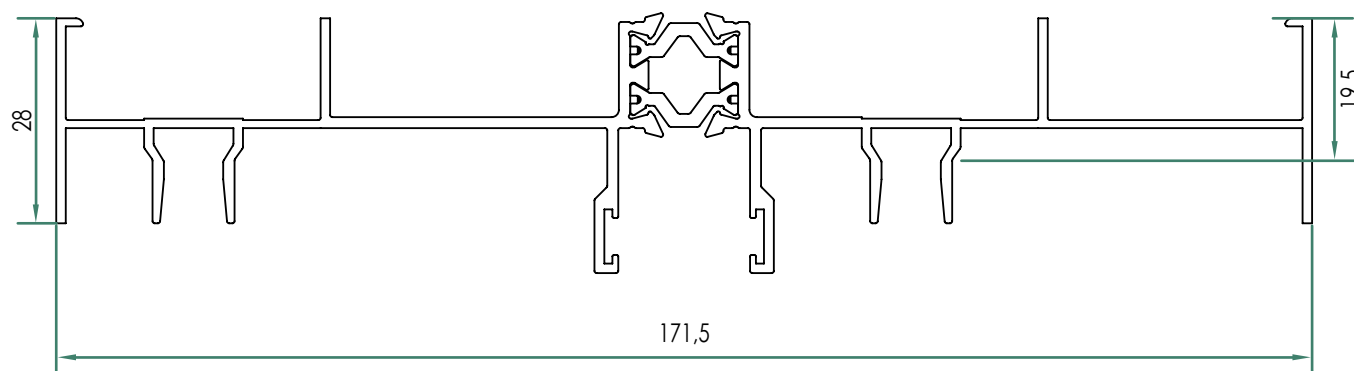
**+F231**

Soleira Dupla
Perímetro: 0,92m

Acessórios



GE.ESTORE

**+F230**

Ombreira Dupla
Perímetro: 0,80m

Acessórios



FL.247i



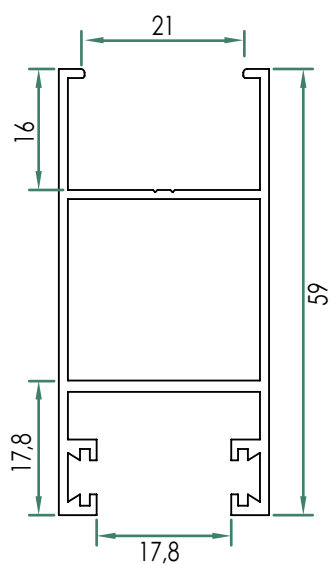
GA.0015



GA.A000



PL.7070



+F223

Lateral p/Vidro Duplo
Perímetro: 0,30m

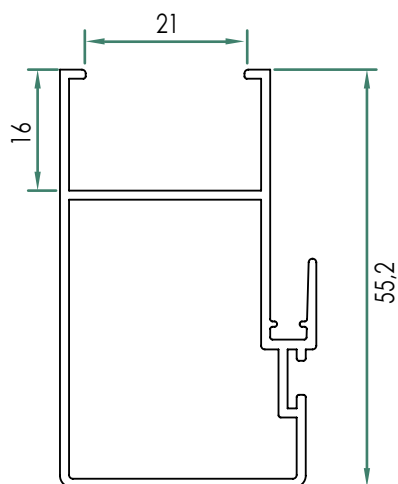
Acessórios



GF.1017



PL.7070



+F218

Central p/Vidro Duplo
Perímetro: 0,25m

Acessórios



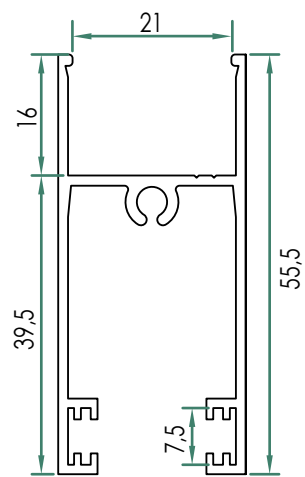
RO.9095



RO.9094



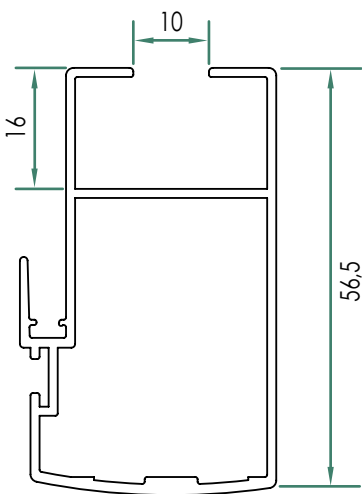
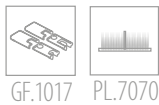
PL.7070



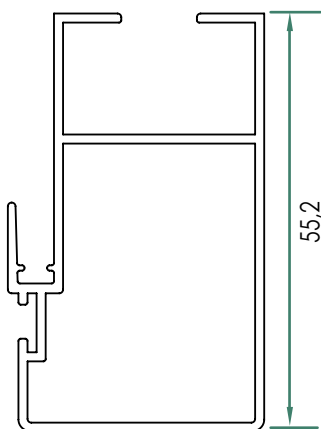
+F220

Travessa Pequena p/ Vidro Duplo
Perímetro: 0,35m

Acessórios



Acessórios



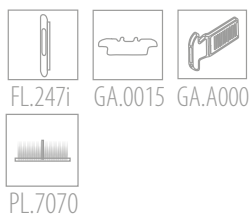
+F204

Central p/Vidro Simples
Perímetro: 0,28m

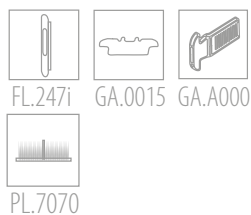
+F221

Central p/Vidro Simples
Perímetro: 0,27m

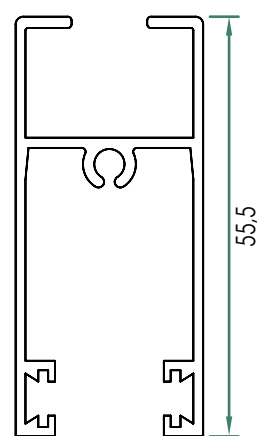
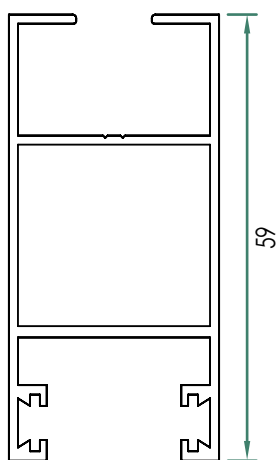
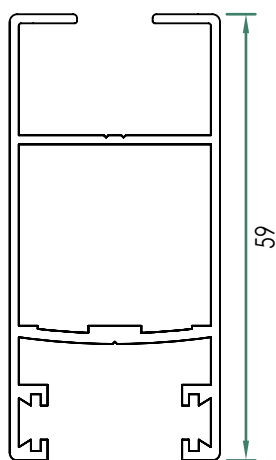
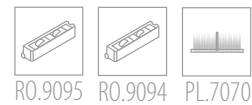
Acessórios



Acessórios



Acessórios



+F203

Lateral p/Vidro Simples
Perímetro: 0,31m

+F222

Lateral p/Vidro Simples
Perímetro: 0,32m

+F202

Travessa Pequena p/ Vidro Simples
Perímetro: 0,36m

Acessórios



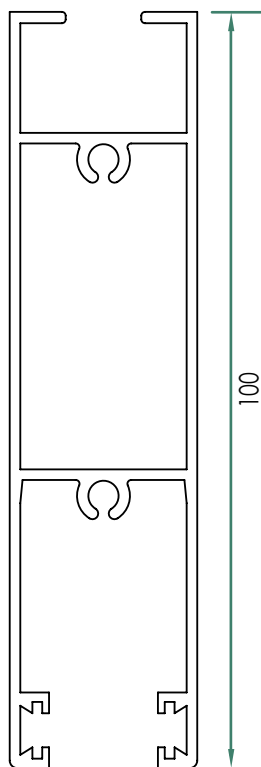
R0.9095



R0.9094

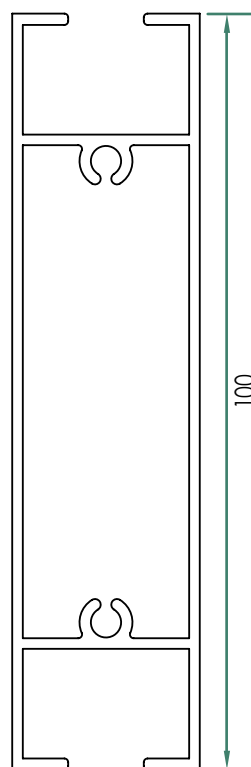


PL.7070



+F235

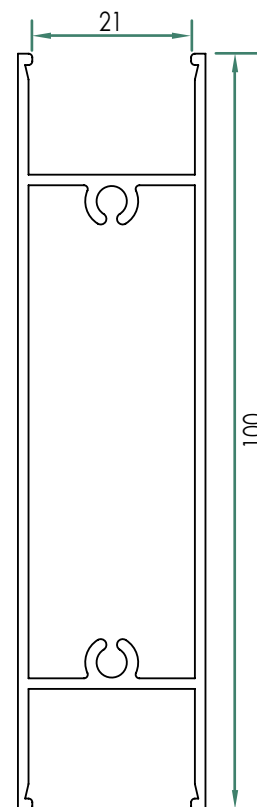
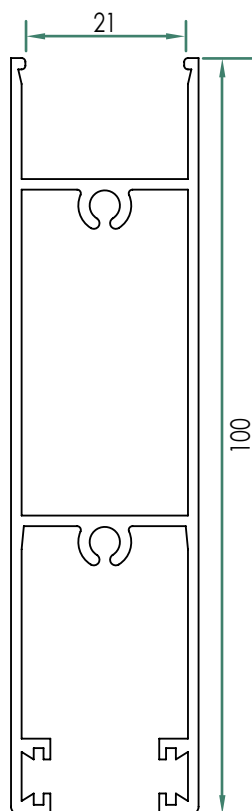
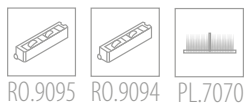
Travessa Interior Grande p/Vidro Simples
Perímetro: 0,45m



+F236

Travessa Central p/ Vidro Simples
Perímetro: 0,36m

Acessórios

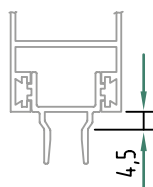
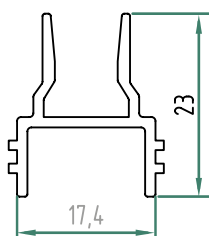


+F225

Travessa Interior Grande p/Vidro Duplo
Perímetro: 0,43m

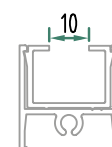
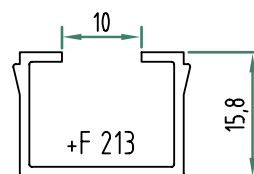
+F226

Travessa Central p/ Vidro Duplo
Perímetro: 0,32m



+F212

Perfil p/ Três ou Quatro Folhas
Perímetro: 0,13m



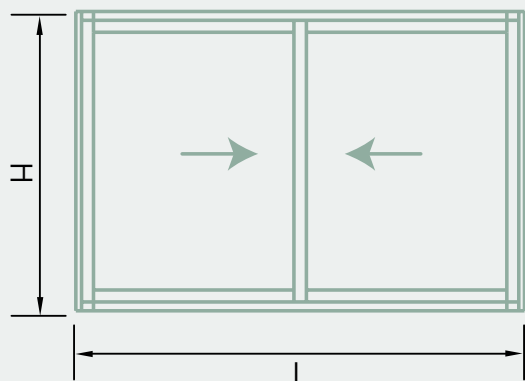
+F213

Perfil p/ Vidro Simples
Perímetro: 0,12m

Medidas de Corte

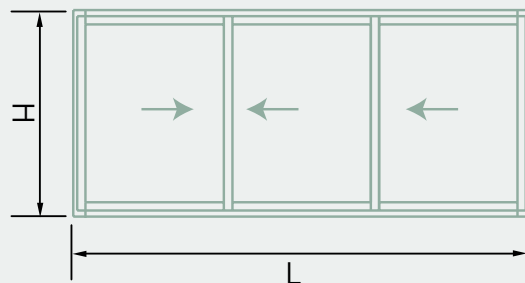
+F200

Janela de Correr de 2 Folhas



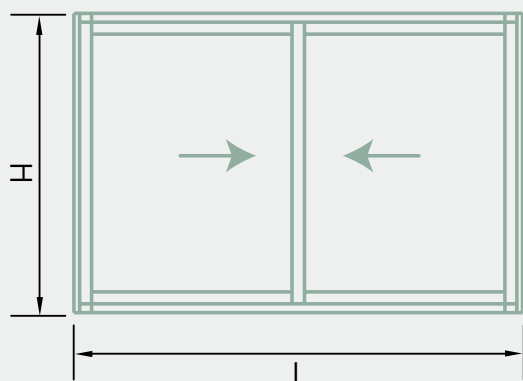
Perfil	Descrição	Corte	Quantidade	Medidas
+F217	Ombreira		2	H
+F218	Central		2	H-46
+F223	Lateral		2	H-46
+F215	Soleira		1	L-28
+F219	Padieira		1	L-28
+F220	Travessa		4	(L-22) / 2

Janela de Correr de 3 Folhas Tri-Rail



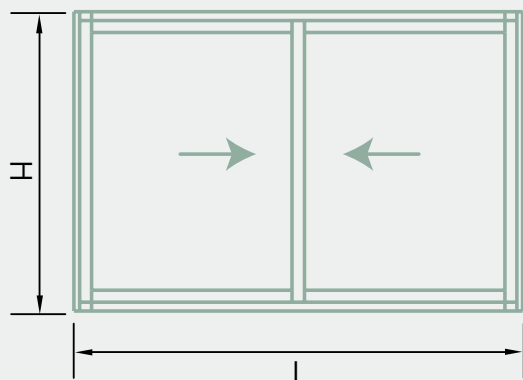
Perfil	Descrição	Corte	Quantidade	Medidas
+F257	Ombreira		2	H
+F218	Central		4	H-46
+F223	Lateral		2	H-46
+F255	Soleira		1	L-28
+F259	Padieira		1	L-28
+F220	Travessa		6	(L-23) / 3

Janela Dupla



Perfil	Descrição	Corte	Quantidade	Medidas
+F230	Ombreira		2	H
+F218	Central		4	H-55
+F223	Lateral		4	H-55
+F231	Soleira		1	L-30
+F219	Padieira		2	L-30
+F220	Travessa		8	$(L+20)/2$

Porta de Correr 2 Folhas



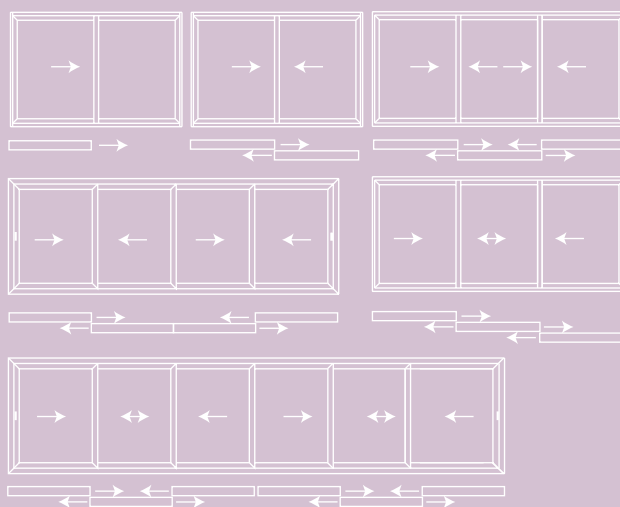
Perfil	Descrição	Corte	Quantidade	Medidas
+F217	Ombreira		2	H
+F218	Central		2	H-55
+F223	Lateral		2	H-55
+F215	Soleira		1	L-30
+F219	Padieira		1	L-30
+F225	Travessa		2	$(L+20)/2$



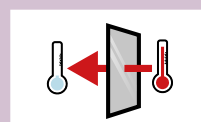
+C3000

(Correr 90mm)

Tipologias



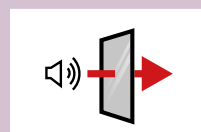
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

1,68 W/m²K

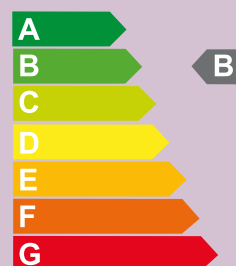
Coeficiente de Atenuação Acústica



Atenuação Acústica R_w (C,Ctr):

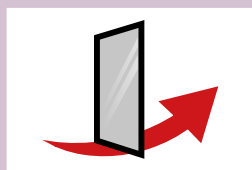
35 (-4)

Sistema de Etiquetagem Energética de Produtos



Desempenho Do Sistema +C3000

com vidro $U_g = 0.8$ W/m²K

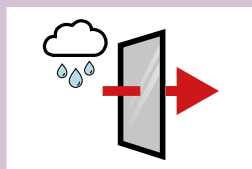


Permeabilidade ao Ar

2

Classe

(norma de ensaio EN 1026)

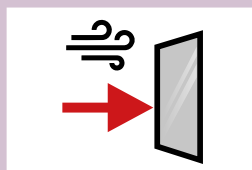


Estanquidade à Água

3A

Classe

(norma de ensaio EN 1027)



Resistência ao Vento

C4

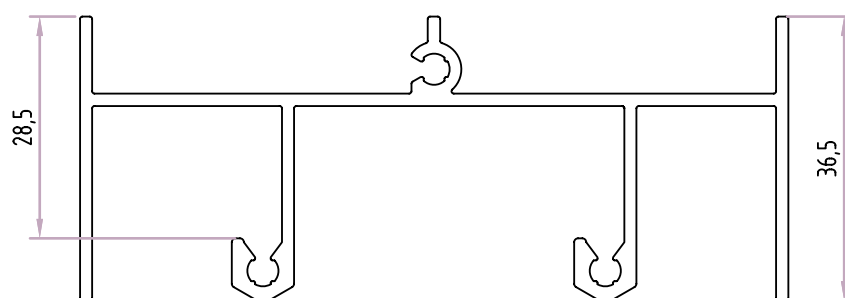
Classe

(norma de ensaio EN 12211)

Acessórios

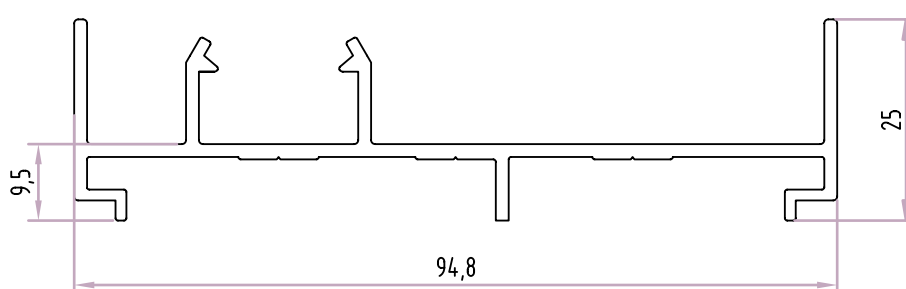


CV.9362



+C3302

Padieira
Perímetro: 0,50m



+C3303

Ombreira
Perímetro: 0,38m

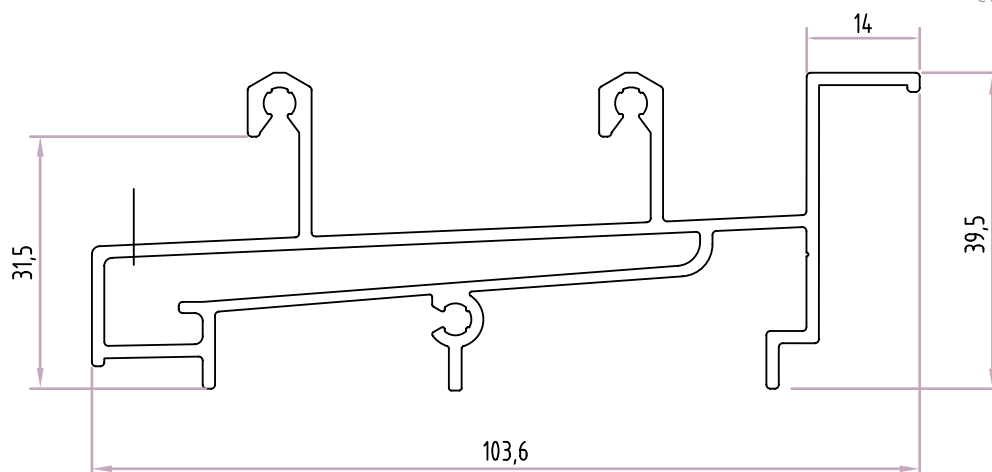
Acessórios



CV.9362



GO.9001



+C3301

Soleira
Perímetro: 0,48m

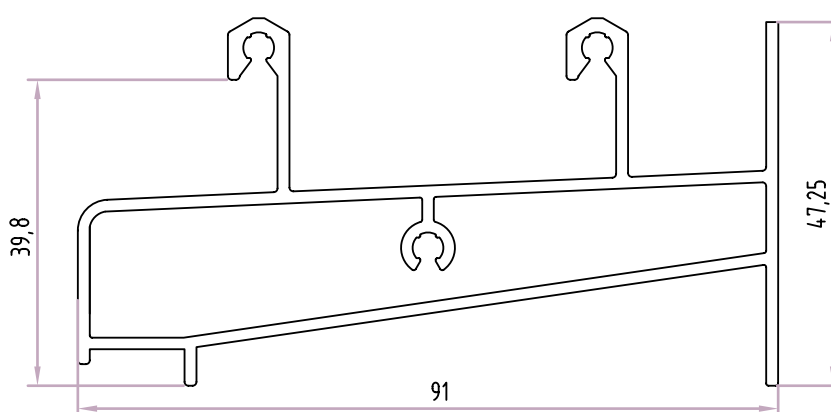
Acessórios



CV.9362



GO.9001



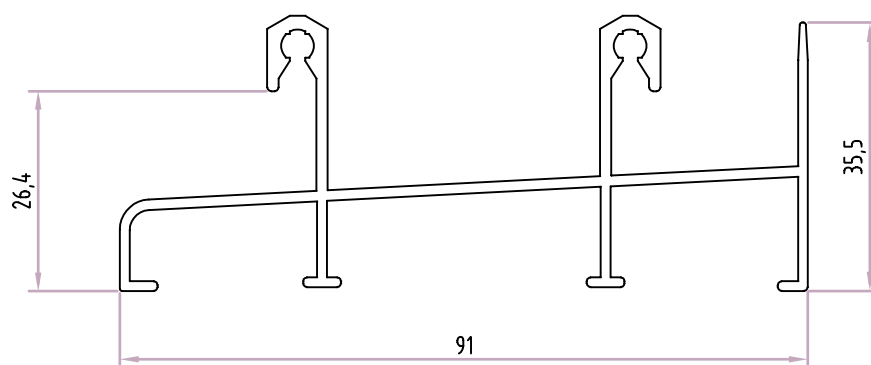
+C3304

Soleira c/ Caixa
Perímetro: 0,42m

Acessórios



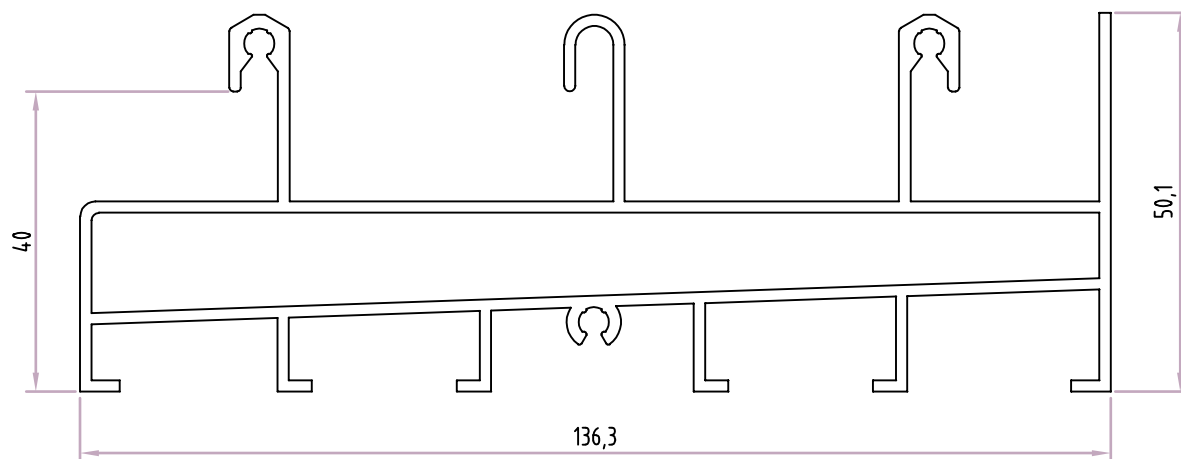
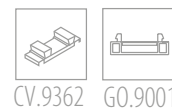
CV.9362



+C3305

Soleira
Perímetro: 0,49m

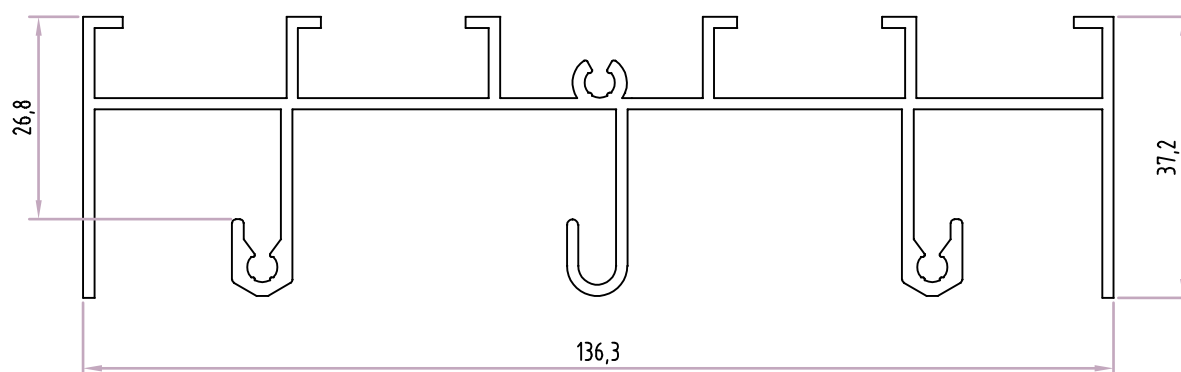
Acessórios



+C3156

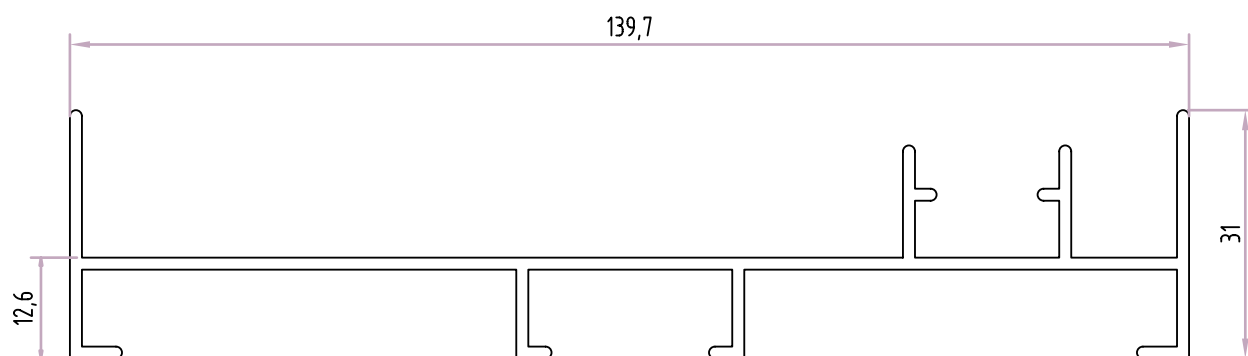
Soleira Tri-rail
Perímetro: 0,77m

Acessórios



+C3157

Padieira Tri-rail
Perímetro: 0,79m

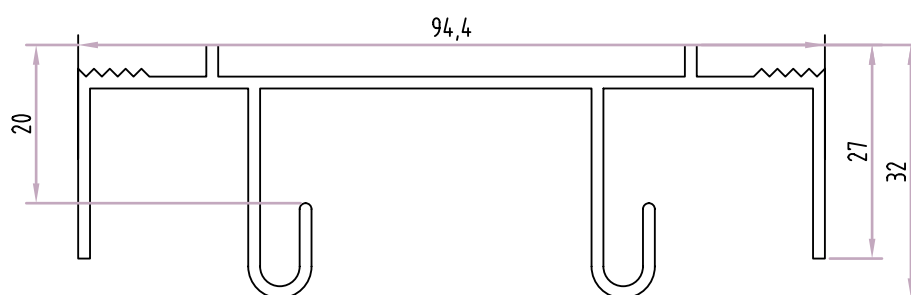
**+C3158**

Ombreira Tri-rail
Perímetro: 0,54m

Acessórios



CV.323P

**+C3001**

Padieira
Perímetro: 0,45m

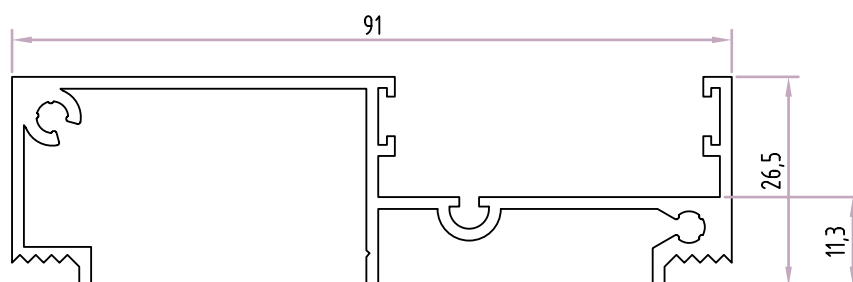
Acessórios



VD.0109



PL.7055



+C3002

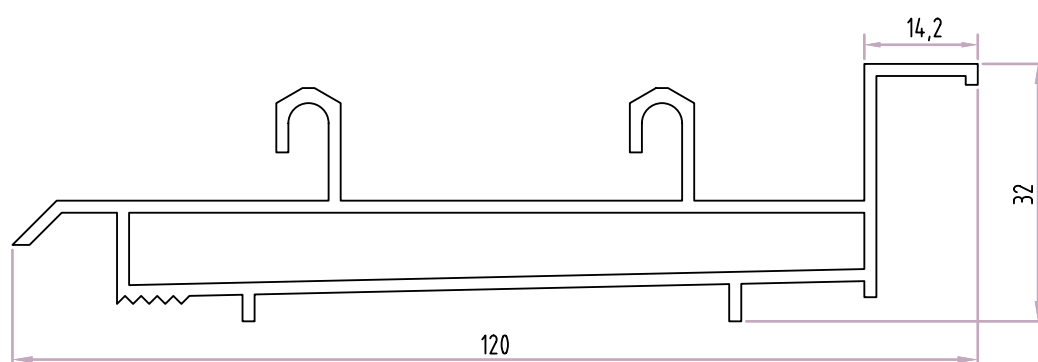
Ombreira

Perímetro: 0,42m

Acessórios



CV.323P



+C3003

Soleira

Perímetro: 0,43m

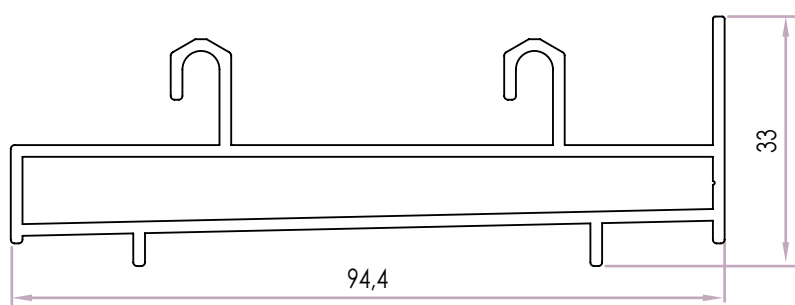
Acessórios



CV.323P



GO.9001



+C3014

Soleira

Perímetro: 0,37m

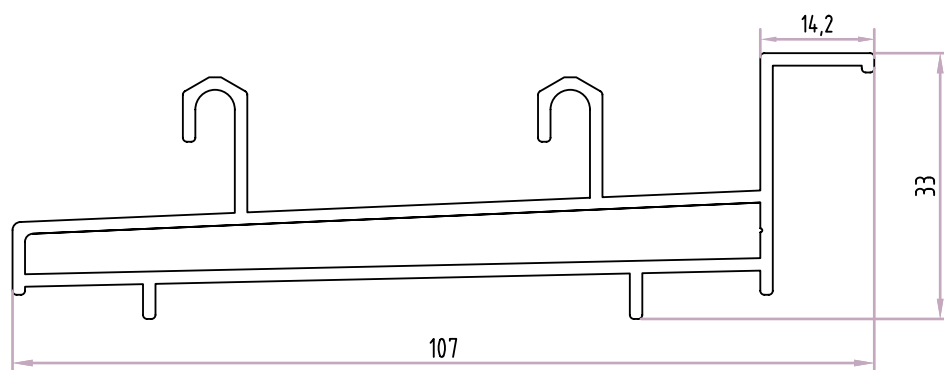
Acessórios



CV.323P



GO.9001



+C3015

Soleira
Perímetro: 0,40m

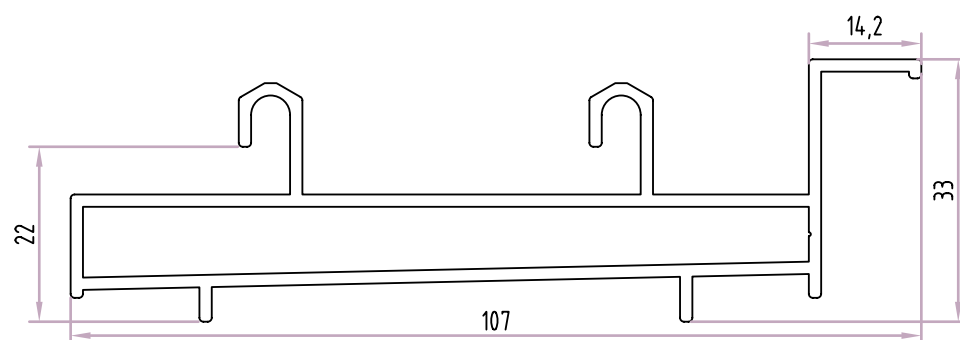
Acessórios



CV.323P

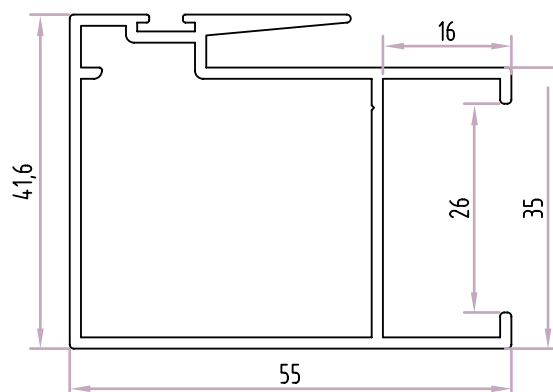


GO.9001



+C3016

Soleira
Perímetro: 0,38m



+C3142

Central p/ Vidro Duplo
Perímetro: 0,23m

Acessórios



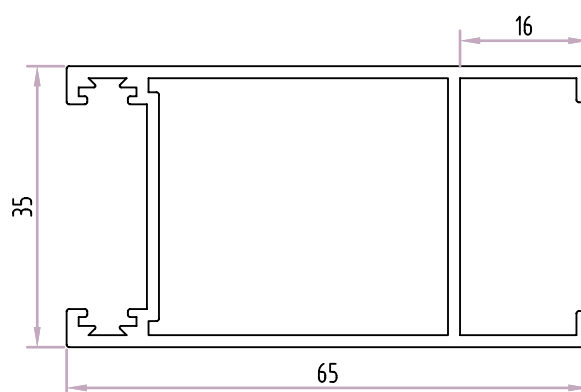
GF.311P



PL.7055



PX.TICT.4009



+C3103

Lateral p/ Vidro Duplo
Perímetro: 0,29m

Acessórios



GA.C000



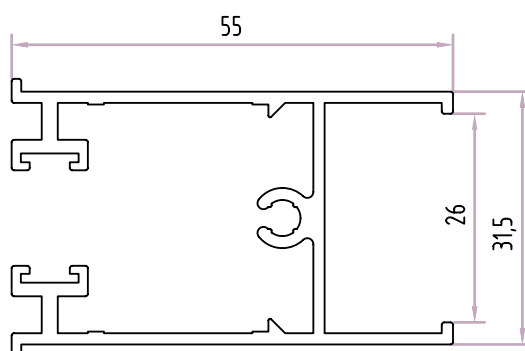
GA.2005



FL.2571



PL.7055



+C3141

Travessa Pequena p/ Vidro Duplo
Perímetro: 0,34m

Acessórios



RO.0978



RO.0919

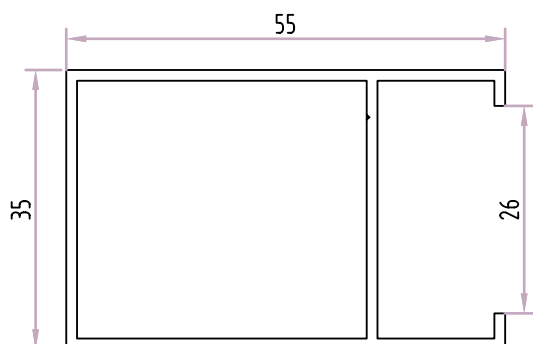


RO.9515.D120



PL.7055

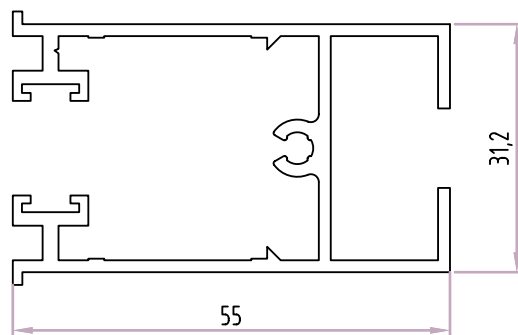
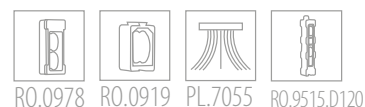
Acessórios



+C3148

Lateral p/ Vidro Duplo
Perímetro: 0,22m

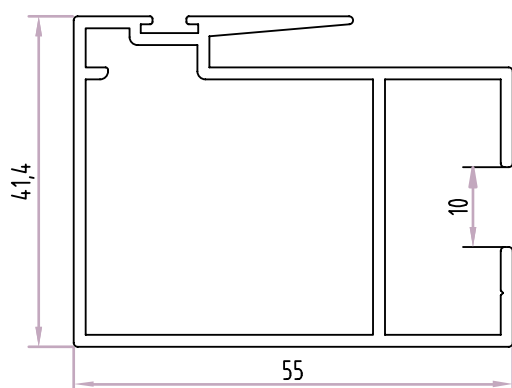
Acessórios



+C3041

Travessa Pequena p/ Vidro Simples
Perímetro: 0,43m

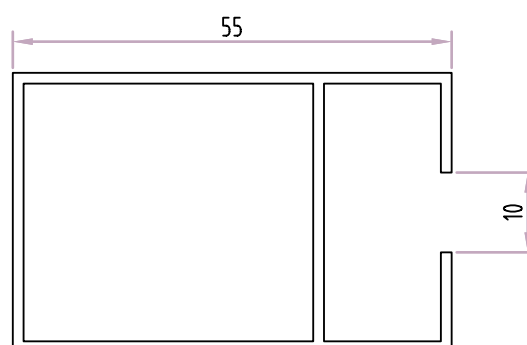
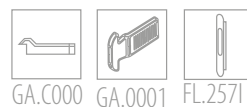
Acessórios



+C3042

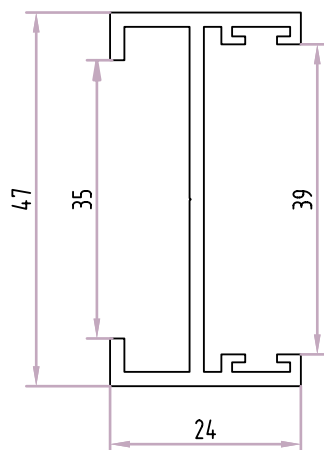
Central p/Vidro Simples
Perímetro: 0,31m

Acessórios

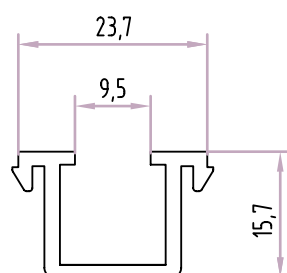


+C3048

Lateral p/Vidro Simples
Perímetro: 0,25m

**+C3017**

Perfil p/4 Folhas
Perímetro: 0,23

**+C3387**

Redutor Vidro Simples
Perímetro: 0,13m

Acessórios



R0.0978



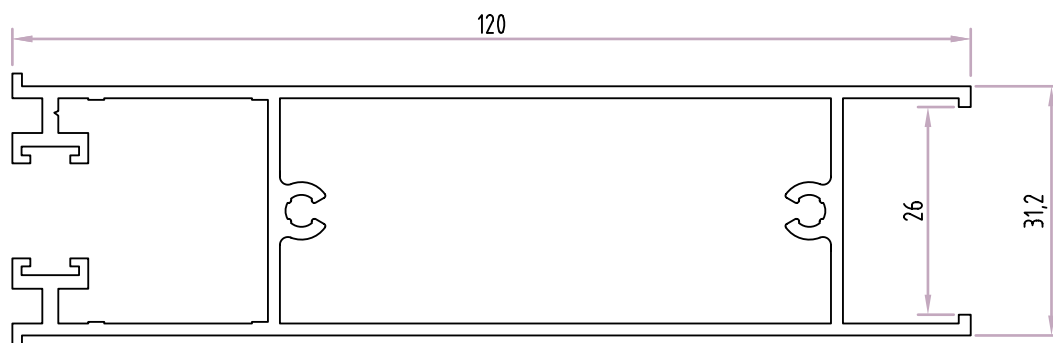
R0.0919



R0.9515.D120



PL.7055



+C3145

Travessa Inferior Grande p/ Vidro Duplo
Perímetro: 0,49m

Acessórios



R0.0978



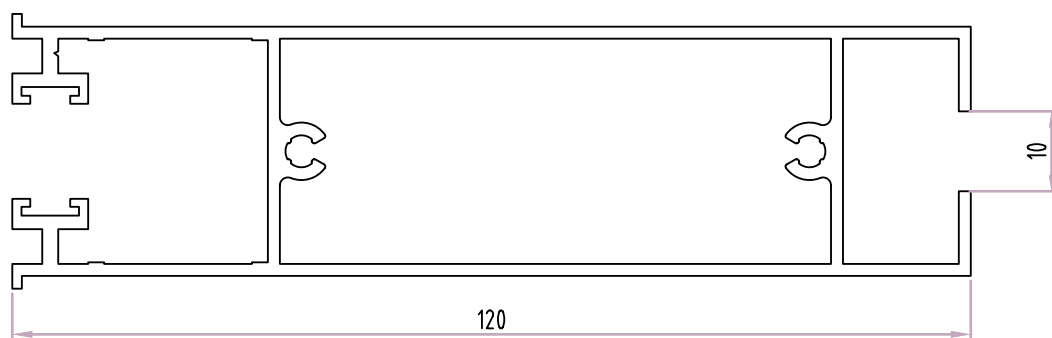
R0.0919



R0.9515.D120

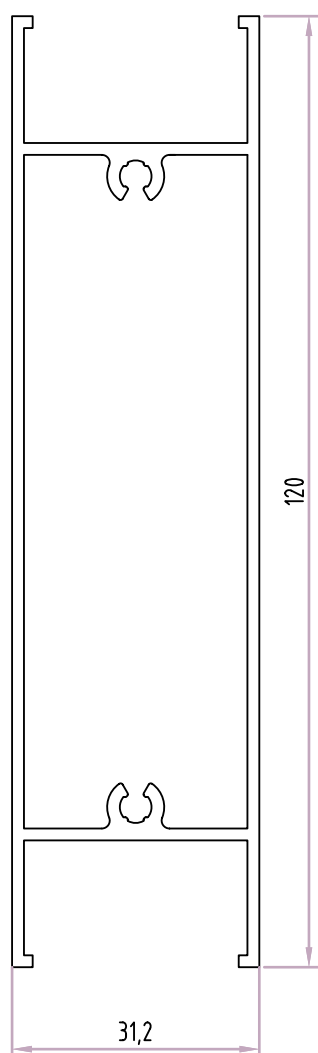


PL.7055

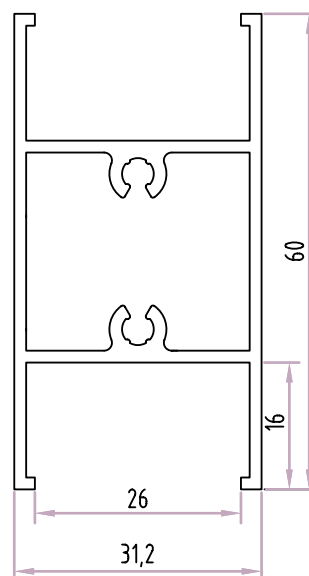


+C3045

Travessa Inferior Grande p/Vidro Simples
Perímetro: 0,52m

**+C3147**

Travessa Central Grande p/ Vidro Duplo
Perímetro: 0,38m

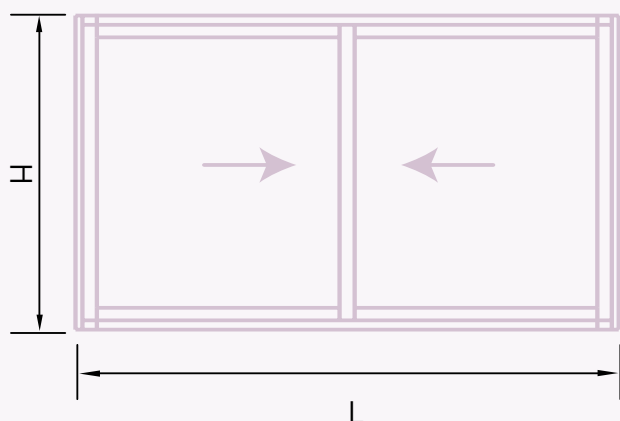
**+C3143**

Travessa Central Pequena p/ Vidro Duplo
Perímetro: 0,25m

Medidas de Corte

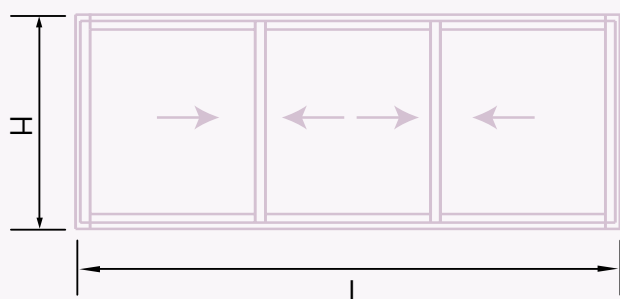
+C3000

Janela de Correr de 2 Folhas Horizonte



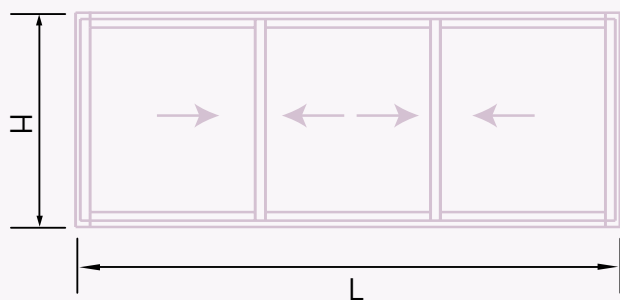
Perfil	Descrição	Corte	Quantidade	Medidas
+C3304	Soleira		1	L-19
+C3302	Padieira		1	L-19
+C3303	Ombreira		2	H
+C3141	Travessa		4	$(L/2) - 1$
+C3103	Lateral		2	H-71
+C3142	Central		2	H-71

Janela de Correr de 3 Folhas Horizonte



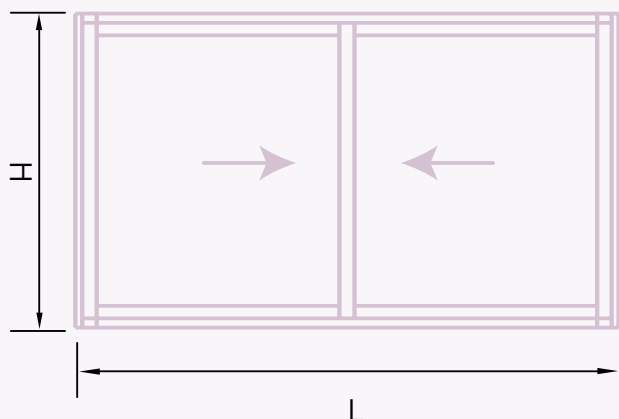
Perfil	Descrição	Corte	Quantidade	Medidas
+C3304	Soleira		1	L-19
+C3302	Padieira		1	L-19
+C3303	Ombreira		2	H
+C3141	Travessa		6	$(L/3) + 17$
+C3103	Lateral		2	H-71
+C3142	Central		4	H-71

Janela de Correr de 3 Folhas Tri-Rail Horizonte



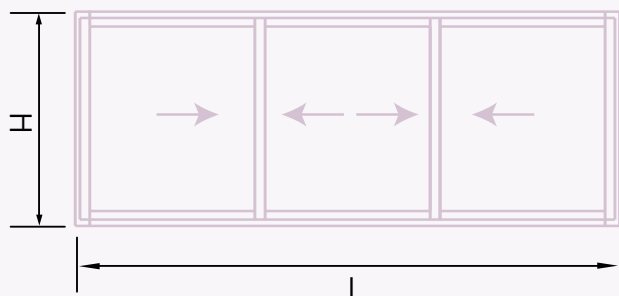
Perfil	Descrição	Corte	Quantidade	Medidas
+C3156	Soleira		1	L-25
+C3157	Padieira		1	L-25
+C3158	Ombreira		2	H
+C3141	Travessa		6	$(L/3) + 15$
+C3103	Lateral		2	H-73
+C3142	Central		4	H-73

Janela de Correr de 2 Folhas



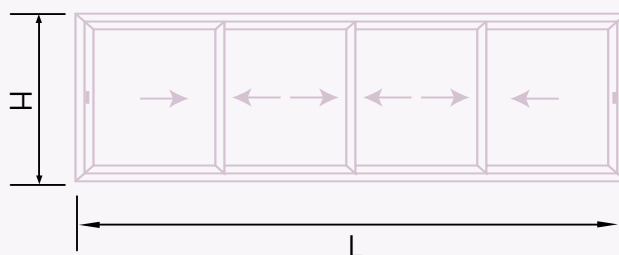
Perfil	Descrição	Corte	Quantidade	Medidas
+C3014	Soleira		1	L
+C3001	Padieira		1	L
+C3002	Ombreira		2	H-22
+C3141	Travessa		4	$(L/2) + 11$
+C3148	Lateral		2	H-48
+C3142	Central		2	H-48

Janela de Correr de 3 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C3014	Soleira		1	L
+C3001	Padieira		1	L
+C3002	Ombreira		2	H-22
+C3141	Travessa		6	$(L/3) + 5$
+C3148	Lateral		4	H-48
+C3142	Central		2	H-48
+C3017	Perfil		1	H-48

Janela de Correr de 4 Folhas



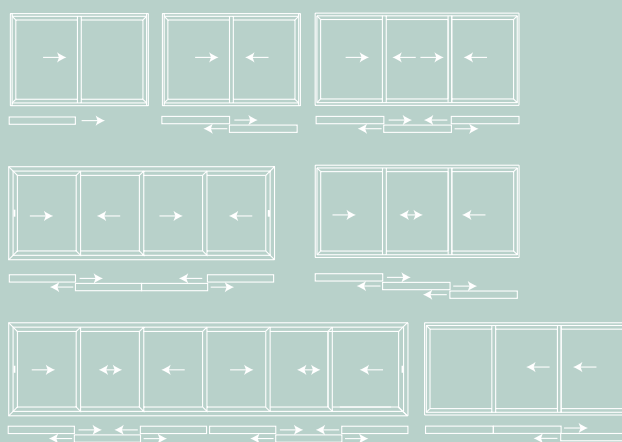
Perfil	Descrição	Corte	Quantidade	Medidas
+C3014	Soleira		1	L
+C3001	Padieira		1	L
+C3002	Ombreira		2	H-22
+C3141	Travessa		8	$(L/4) + 17$
+C3148	Lateral		4	H-48
+C3142	Central		4	H-48
+C3017	Perfil		1	H-48



+C4000

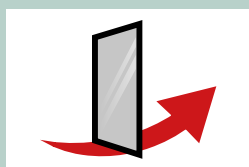
(Perimetral 90mm)

Tipologias



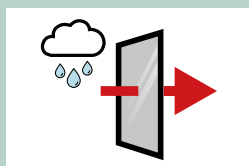
Desempenho Do Sistema +C4000

com vidro $U_g = 0.8 \text{ W/m}^2\text{K}$



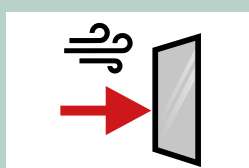
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026:2000)



Estanquidade à Água

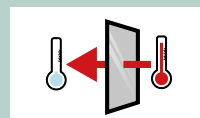
4A
Classe
(norma de ensaio EN 1027:2000)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211:2000)

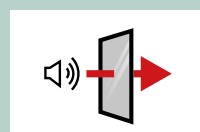
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

$1,68 \text{ W/m}^2\text{K}$

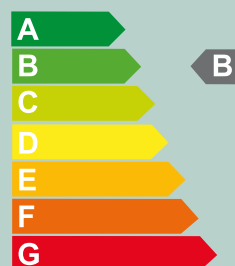
Coeficiente de Atenuação Acústica



Atenuação Acústica R_w (C,Ctr):

35 (-1; -4)db

Sistema de Etiquetagem Energética de Produtos



Acessórios



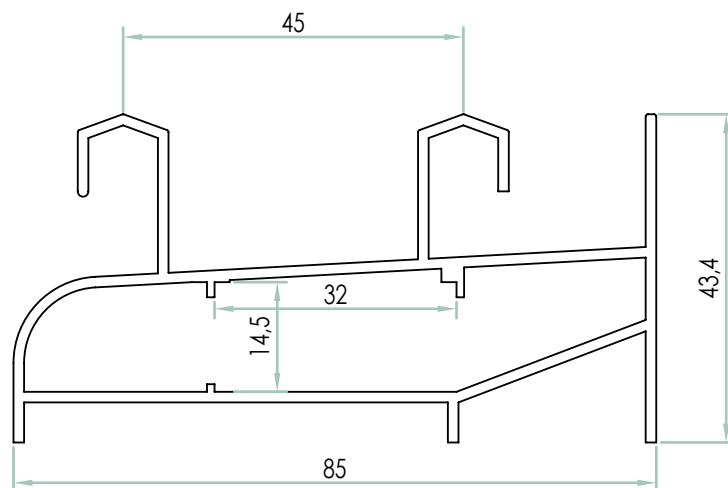
ES.3114



GO.9001



SK.9488.PI



+C4014

Aro Fixo
Perímetro: 0,44m

Acessórios



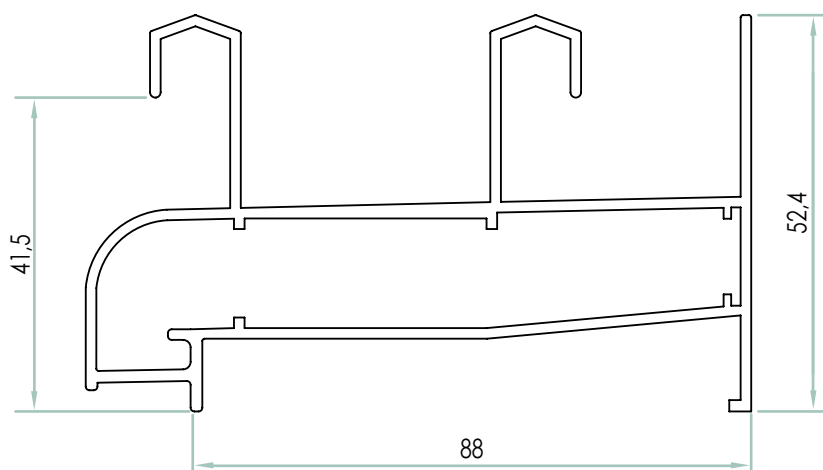
ES.3114



GO.9001



SK.9488.PI



+C4007

Aro Fixo
Perímetro: 0,46m





Acessórios



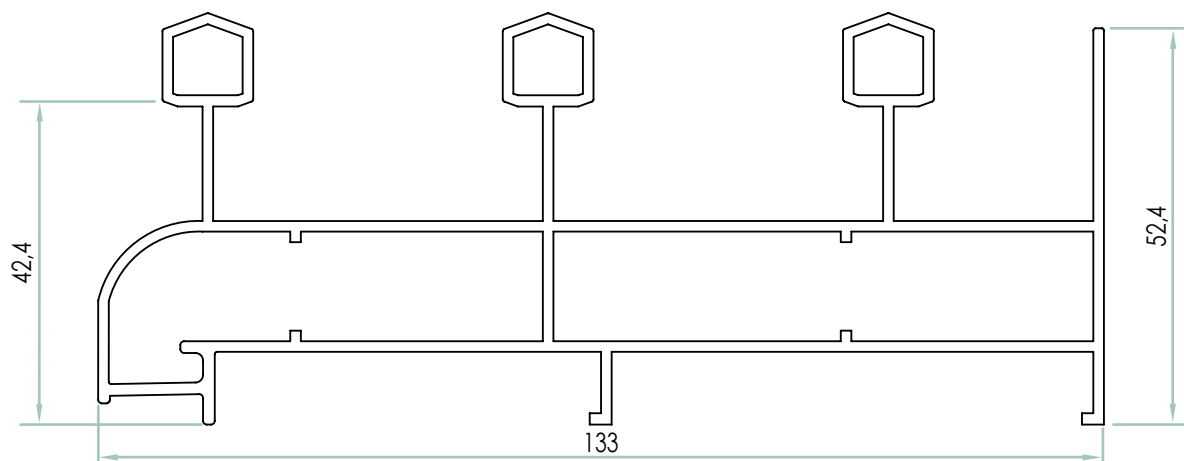
ES.3114



GO.9001

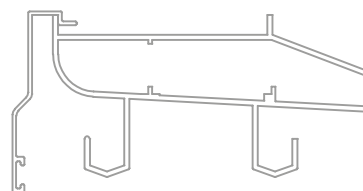
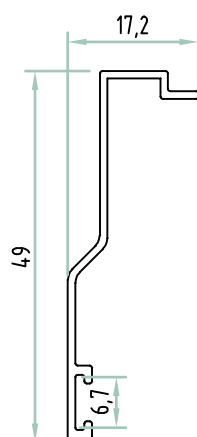


SK.9488.PII



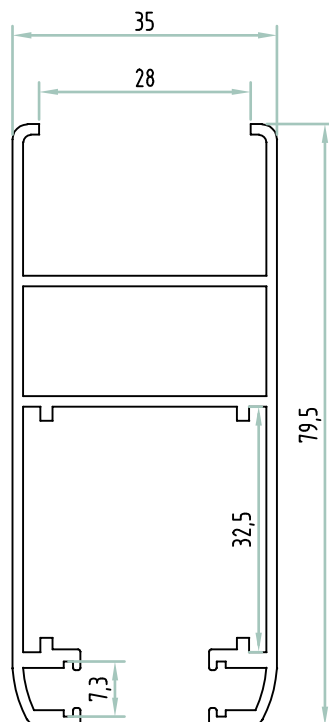
+C4017

Aro FixoTri-Rail
Perímetro: 0,63m



+C4010

Goteira
Perímetro: 0,14m



Acessórios



ES.3114



ES.A006



SK.9488.P11



GA.0036



GA.0028



MP.0306



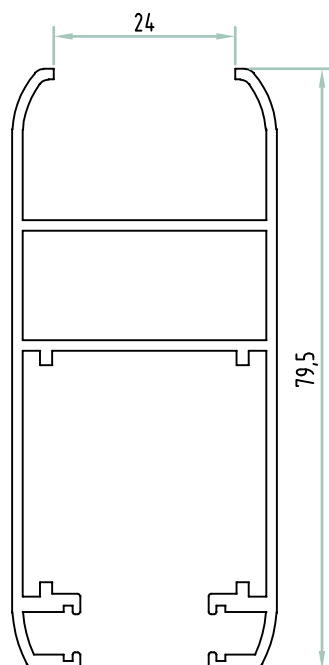
FL.2571



RO.9522.D200

+C4011

Aro Móvel
Perímetro: 0,44m



Acessórios



ES.3114



ES.A004



SK.9488.P11



GA.0036



GA.0028



MP.0306



RO.9159.D
RO.9514.D



FL.2571



PL.7070

+C4001

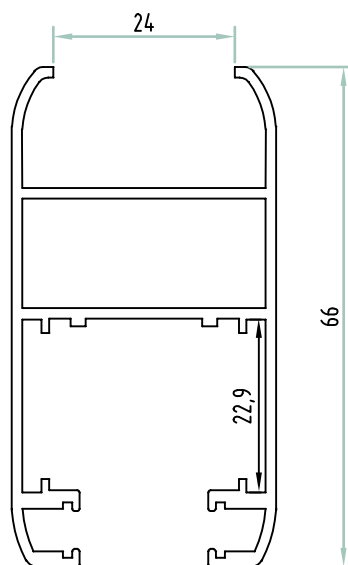
Aro Móvel
Perímetro: 0,44m



SMA

CAFÉ / RESTAURANT / BAR



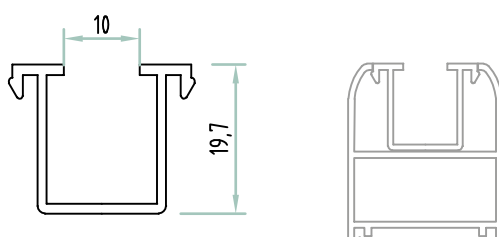


Acessórios



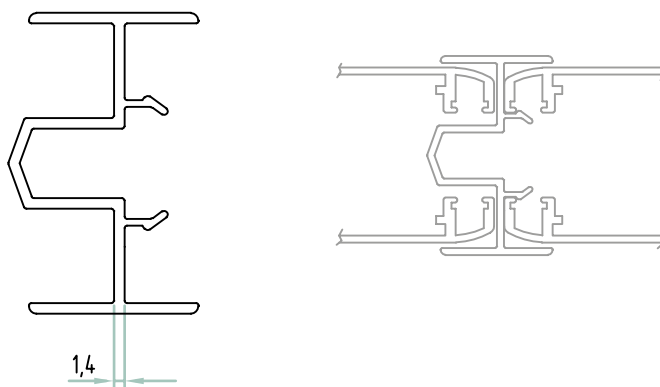
+C4008

Aro Móvel
Perímetro: 0,39m



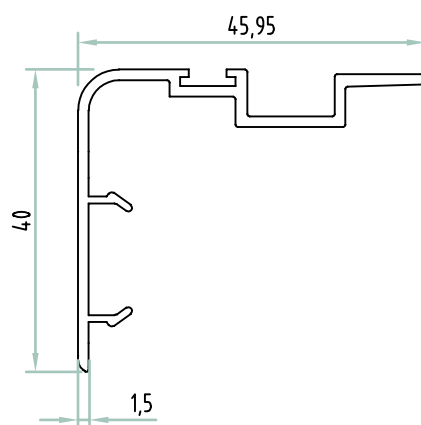
+C4006

Redutor de Vidro Simples
Perímetro: 0,14m

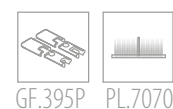


+C4005

Perfil p/Três ou Quatro Folhas
Perímetro: 0,24m

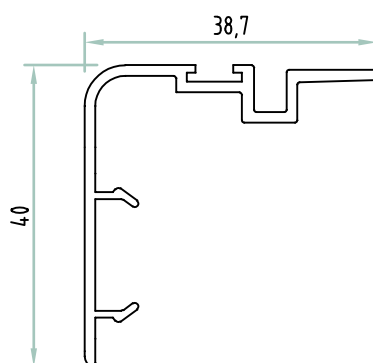


Acessórios

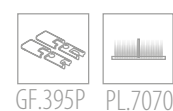


+C4002

Engate Central
Perímetro: 0,23m



Acessórios



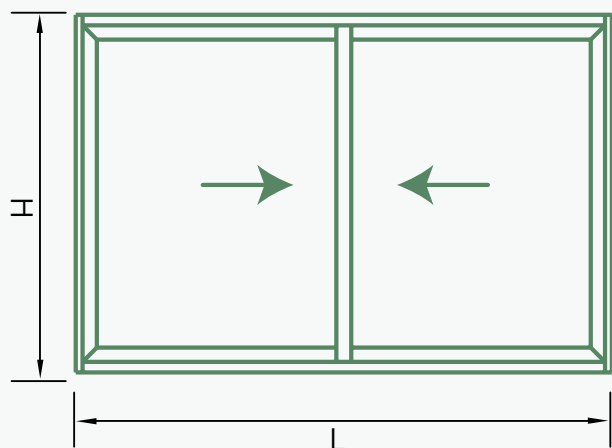
+C4009

Engate Central
Perímetro: 0,21m

Medidas de Corte

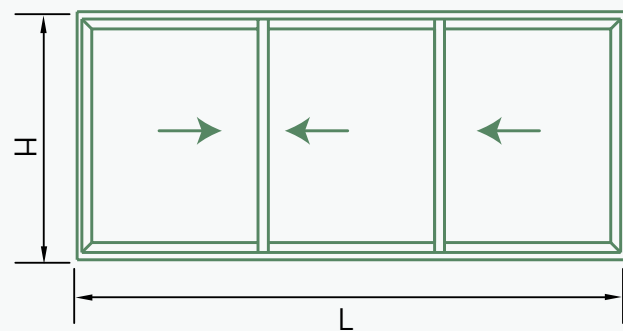
+C4000

Janela de Correr de 2 Folhas



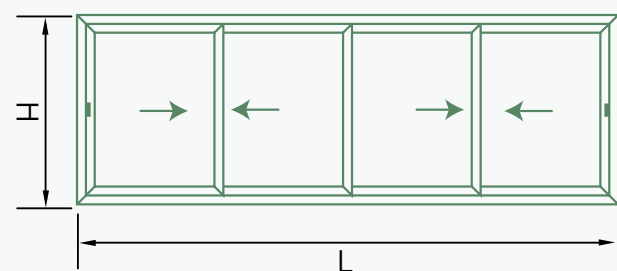
Perfil	Descrição	Corte	Quantidade	Medidas
+C4001	Aro Móvel		4 + 4	H-70; L/2+8
+C4002	Engate		2	H-70
+C4014	Aro Fixo		2 + 2	H; L

Janela de Correr de 3 Folhas



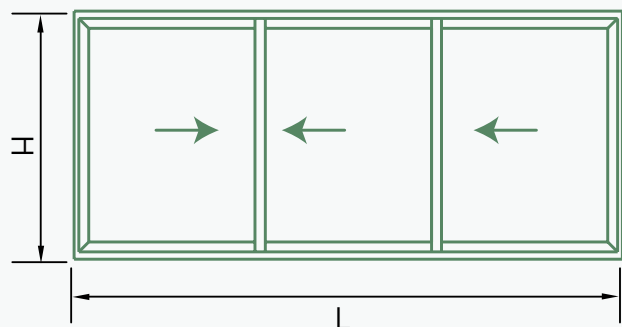
Perfil	Descrição	Corte	Quantidade	Medidas
+C4001	Aro Móvel		6 + 6	H-70 L/3+1
+C4002	Engate		2	H-70
+C4014	Aro Fixo		2 + 2	H; L
+C4005	Perfil		2	H-70

Janela de Correr de 4 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C4001	Aro Móvel		8 + 8	H-70 L/4+22
+C4002	Engate		4	H-70
+C4017	Aro Fixo		2 + 2	H; L
+C4005	Perfil		2	H-70

Janela de Correr de 3 Folhas Tri-Rail



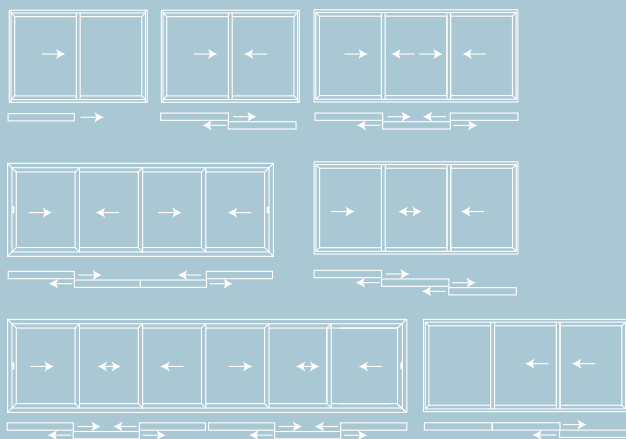
Perfil	Descrição	Corte	Quantidade	Medidas
+C4017	Aro Fixo		2 + 2	H ; L
+C4001	Aro Móvel		6 + 6	H-90 L/3+12
+C4002	Engate		4	H90



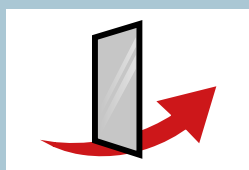
+C4200

(Perimentral Corte Térmico)

Tipologias

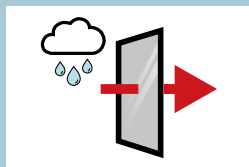


Desempenho Do Sistema +C4200
com vidro Ug= 0.9 W/m²K



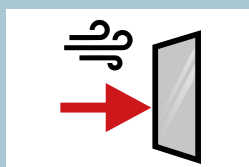
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

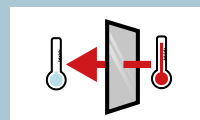
9A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C4
Classe
(norma de ensaio EN 12211)

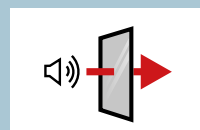
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

1,76 W/m²K

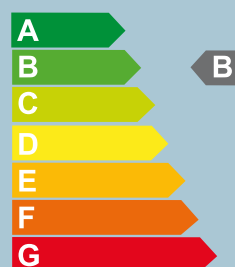
Coeficiente de Atenuação Acústica



Atenuação Acústica Rw (C,Ctr

36 (-1,-5)

Sistema de Etiquetagem Energética de Produtos



Acessórios



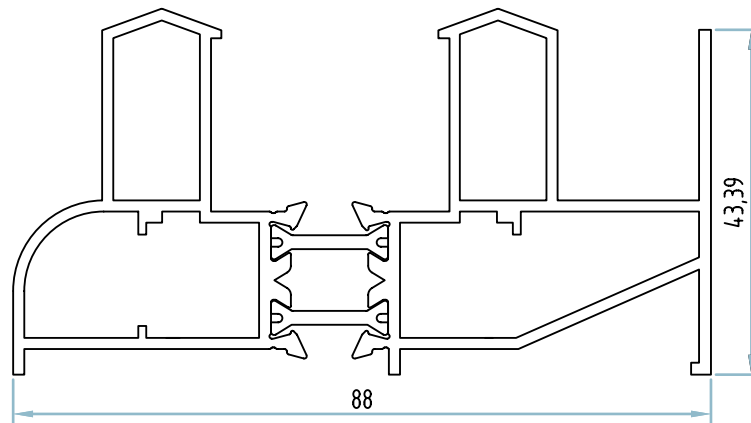
ES.1414



GO.9001



SK.9487.PII



+C4204R

Aro Fixo
Perímetro: 0,48m

Acessórios



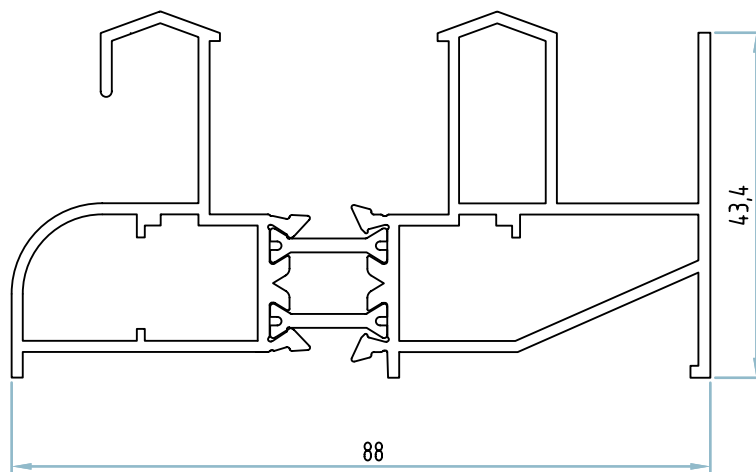
ES.1414



GO.9001

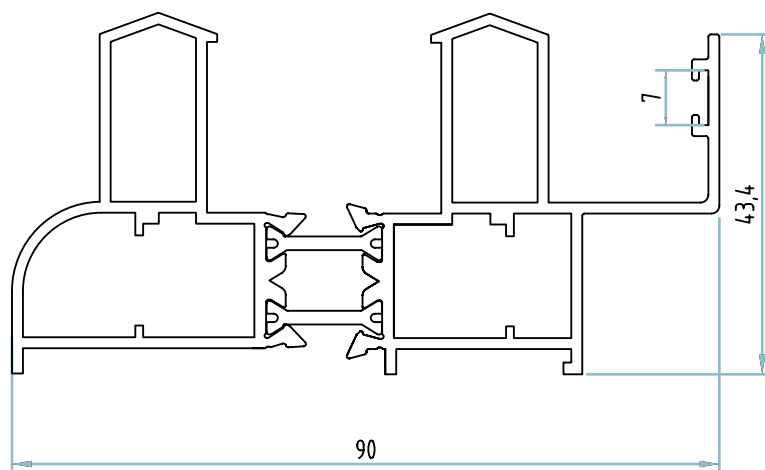


SK.9487.PII



+C4204

Aro Fixo
Perímetro: 0,49m



Acessórios



ES.1414



ES.A001



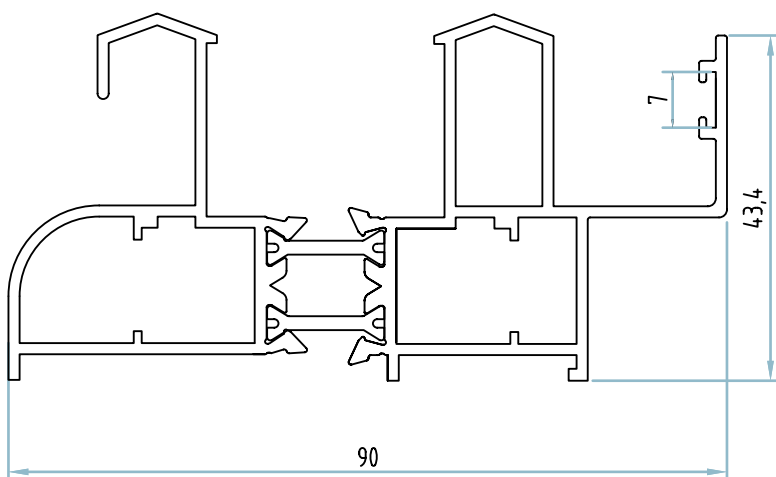
SK.9487.PII



GO.9001

+C4202R

Aro Fixo
Perímetro: 0,45m



Acessórios



ES.1414



ES.A001



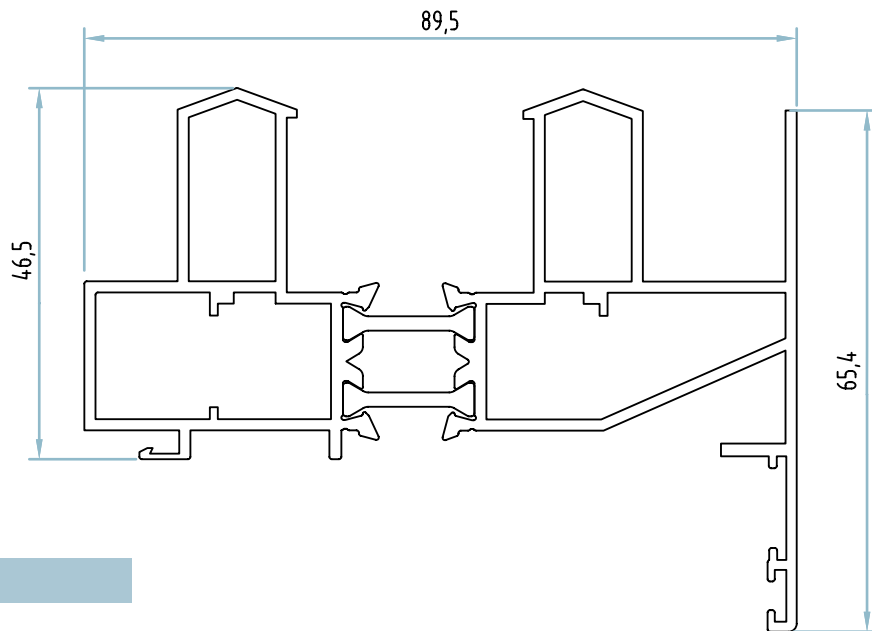
SK.9487.PII



GO.9001

+C4202

Aro Fixo
Perímetro: 0,49m



Acessórios



ES.1414



ES.A003



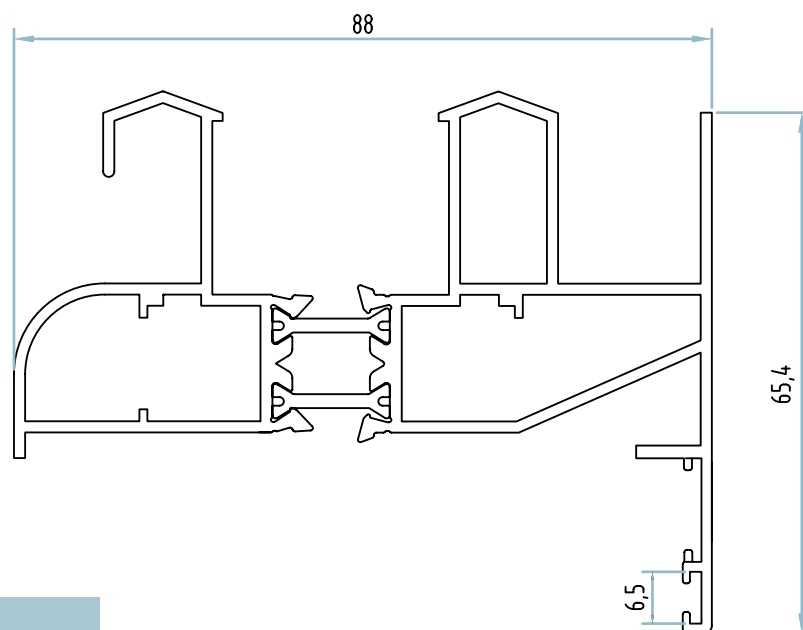
SK.9487.PII



GO.9001

+C4222

Aro Fixo Reto c/Remate Interior
Perímetro: 0,50m



Acessórios



ES.1414



ES.A003



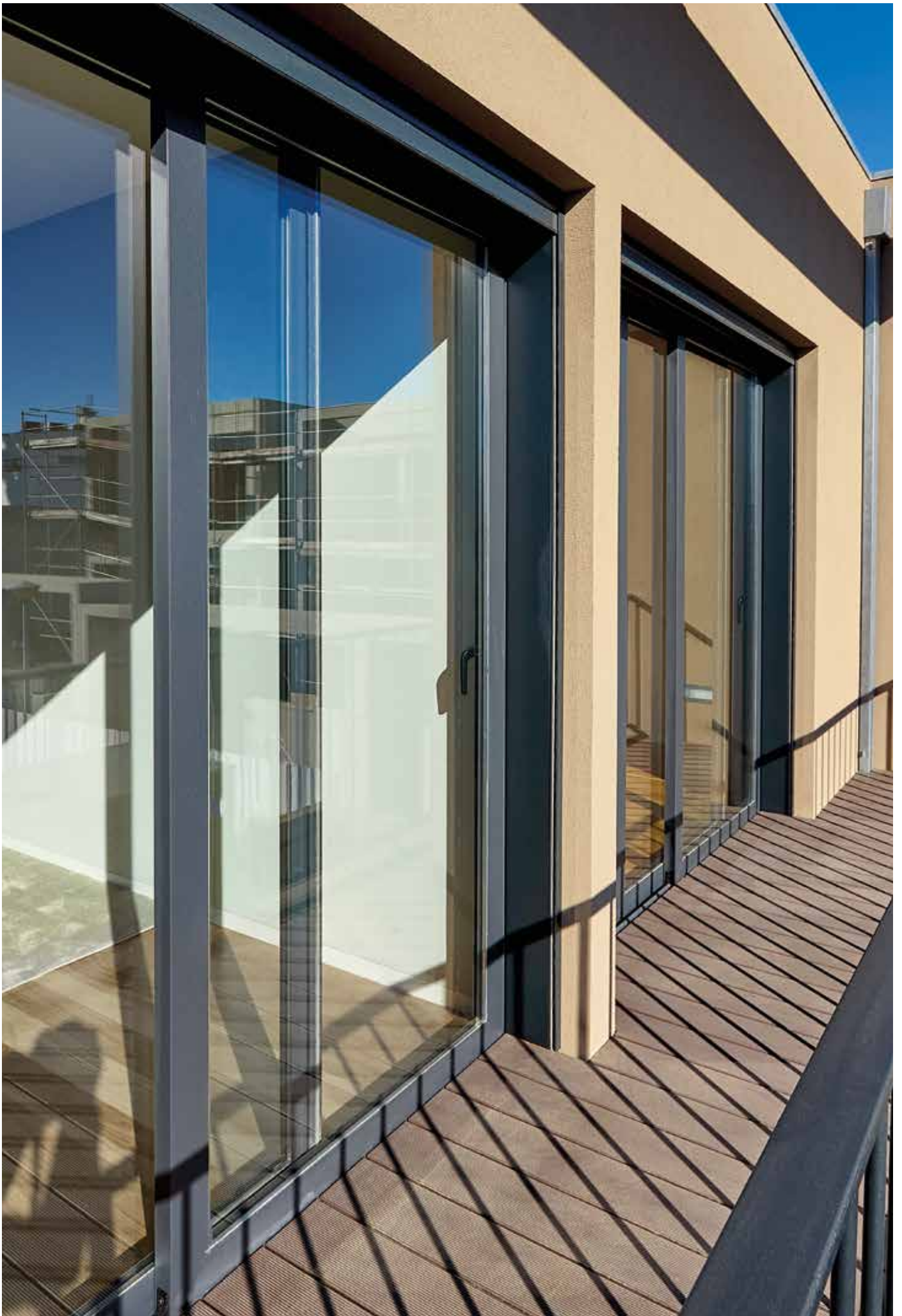
SK.9487.PII



GO.9001

+C4205

Aro Fixo c/Remate Interior
Perímetro: 0,54m

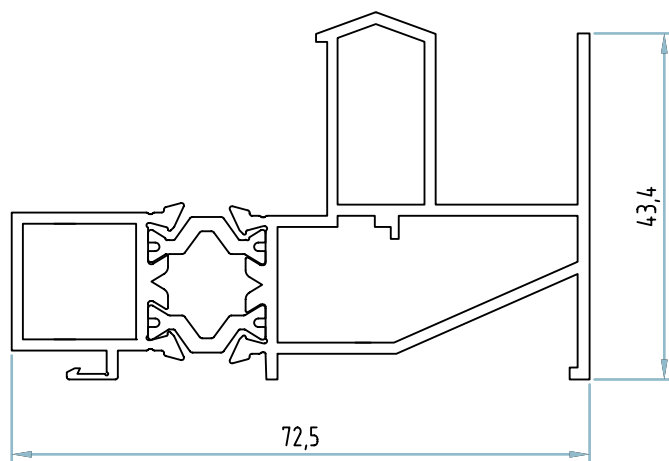




Acessórios



ES.1414



+C4218

Aro Fixo
Perímetro: 0,35m

Acessórios



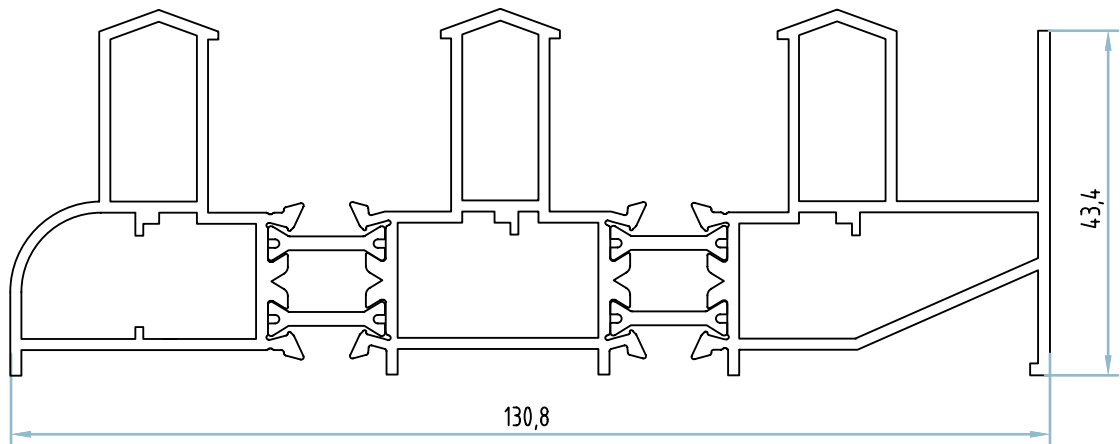
ES.1414



GO.9001



SK.9487.PII



+C4223R

Aro Fixo Tri-rail
Perímetro: 0,75m

Acessórios



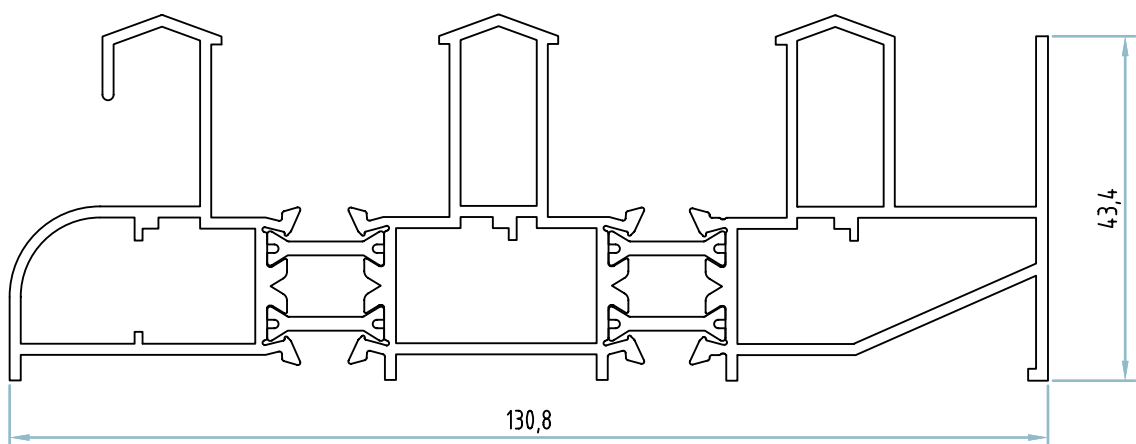
ES.1414



GO.9001



SK.9487.PII



+C4223

Aro Fixo Tri-rail
Perímetro: 0,67m

Acessórios



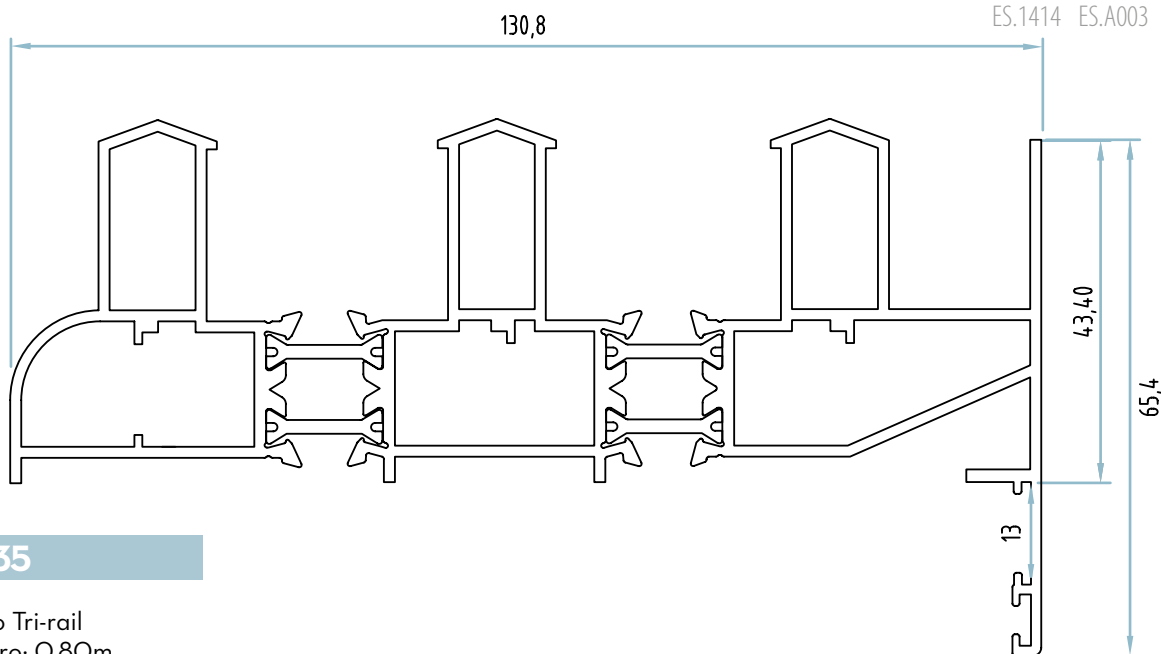
ES.1414



ES.A003



SK.9487.PII



+C4235

Aro Fixo Tri-rail
Perímetro: 0,80m

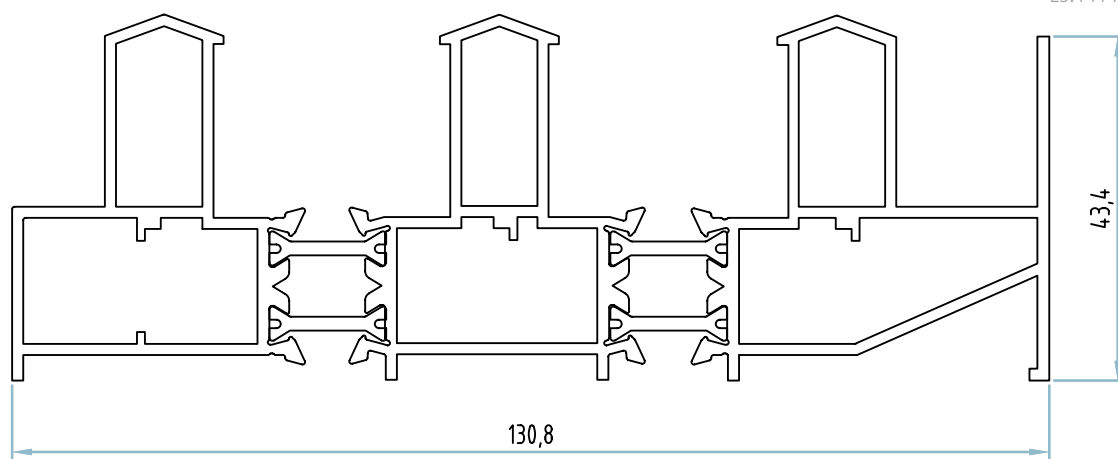
Acessórios



ES.1414

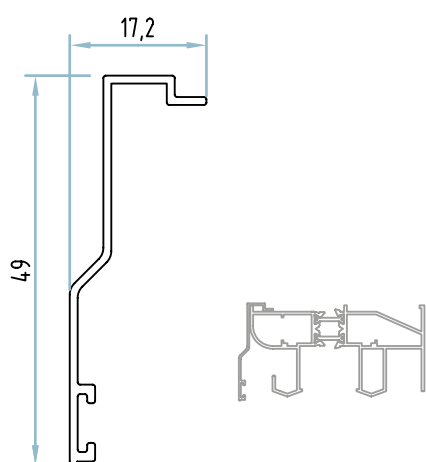


SK.9487.PII



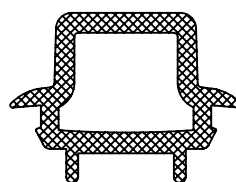
+C4224

Aro Fixo Tri-rail
Perímetro: 0,64m



+C4010

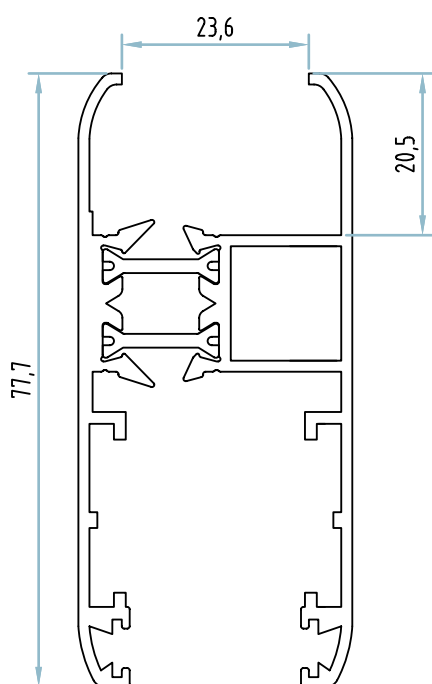
Pingadeira
Perímetro: 0,15m



+C4298

Perfil de Três ou Quatro Folhas
Perímetro: 0,43m

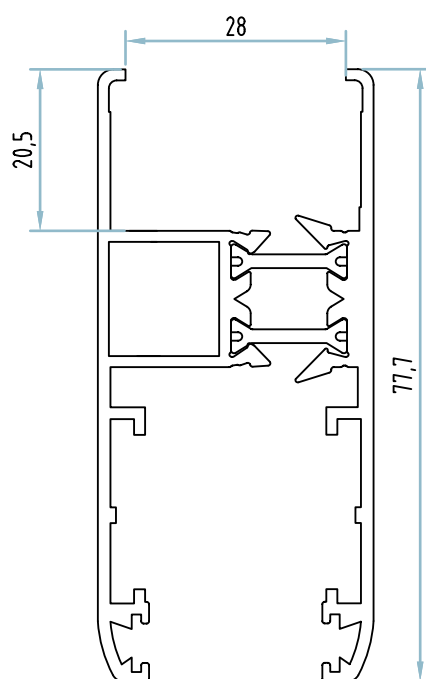
Acessórios



+C4201

Aro Móvel Redondo
Perímetro: 0,50m

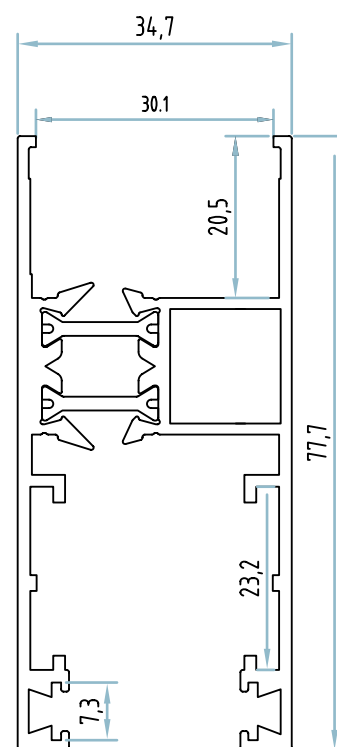
Acessórios



+C4221

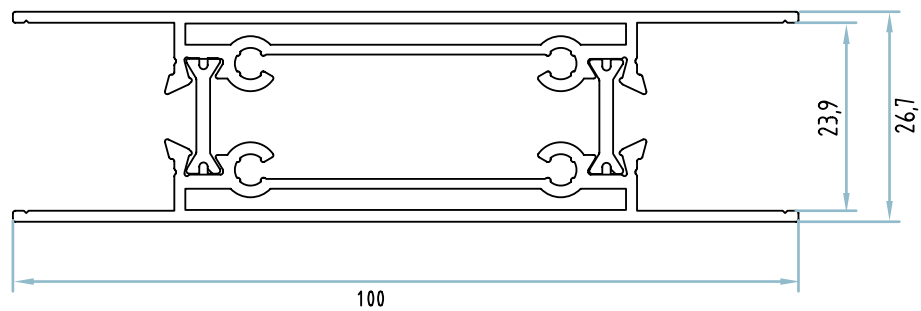
Aro Móvel
Perímetro: 0,47m

Acessórios

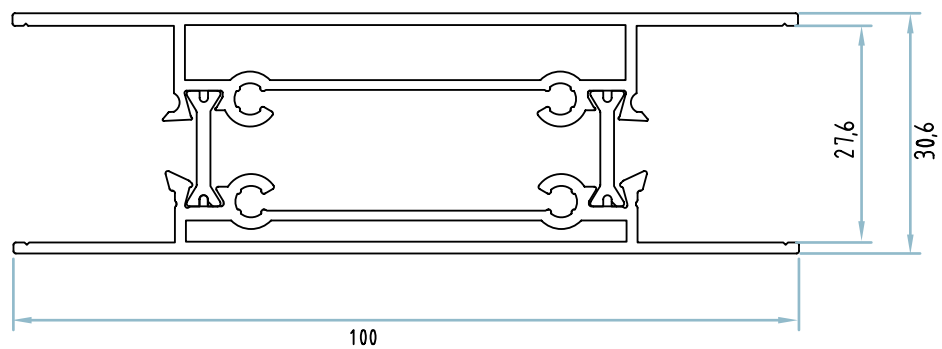


+C4211

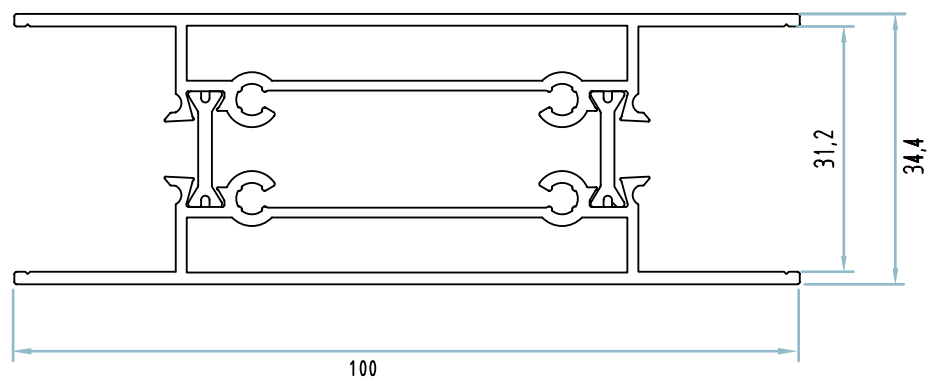
Aro Móvel Reto
Perímetro: 0,47m

**+C4209**

Travessa p/Aro Móvel
Perímetro: 0,50m

**+C4229**

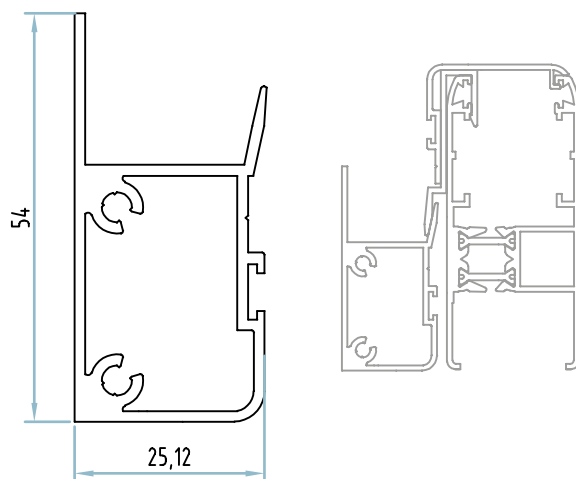
Travessa p/Aro Móvel
Perímetro: 0,51m

**+C4219**

Travessa p/Aro Móvel
Perímetro: 0,52m

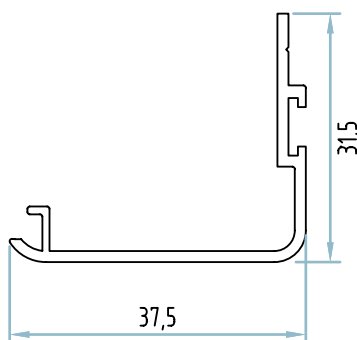






+C4212

Engate Mono-rail
Perímetro: 0,19m



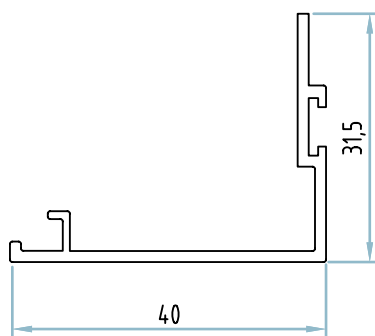
Acessórios



KT.9163

+C4207

Engate Central
Perímetro: 0,16m



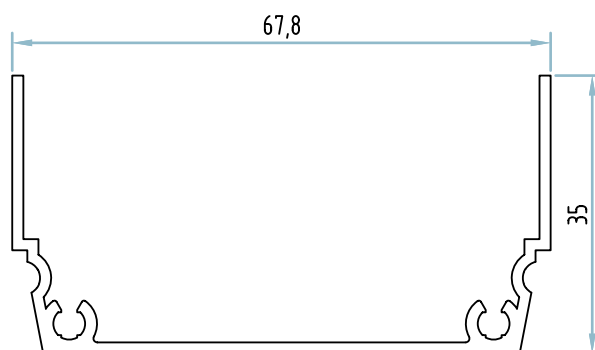
Acessórios



KT.9163

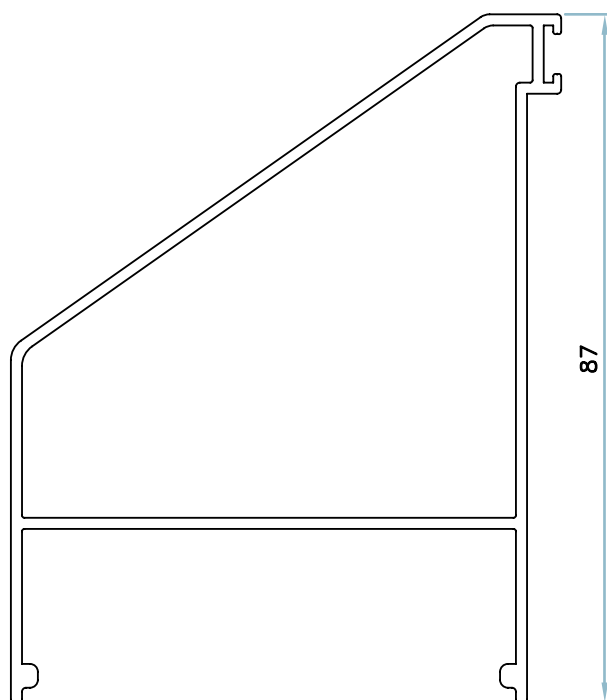
+C4217

Engate Central
Perímetro: 0,17m



+S5021

Remate
Perímetro: 0,29m



+S5022

Remate
Perímetro: 0,56m

Acessórios

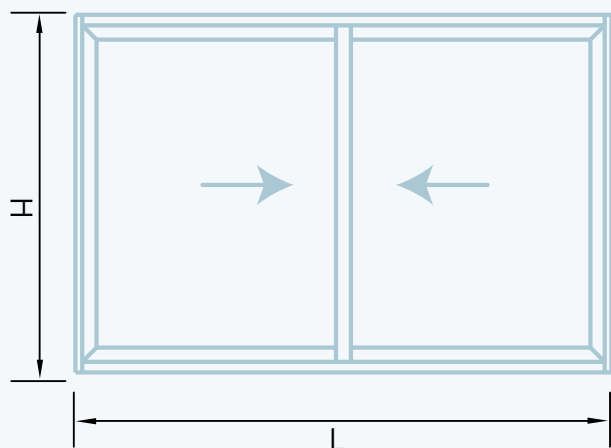


PL.7070

Medidas de Corte

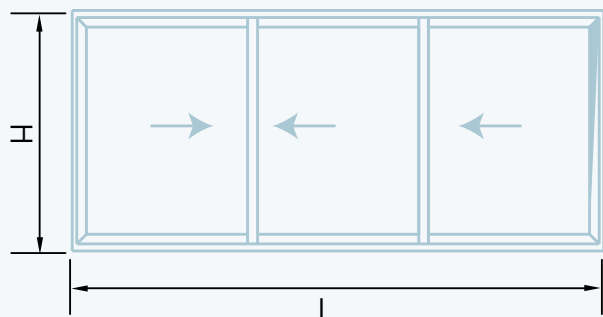
+C4200

Janela de Correr de 2 Folhas



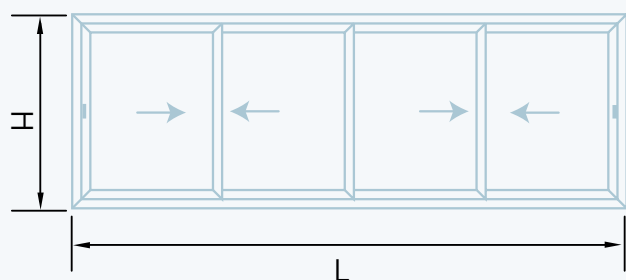
Perfil	Descrição	Corte	Quantidade	Medidas
+C4204R	Aro Fixo		4	H ou L
+C4201	Aro Móvel		4	H-70
			4	(l/2) + 4
+C4207	Engate		2	H-70
+C4010	Pingadeira		1	L

Janela de Correr de 3 Folhas



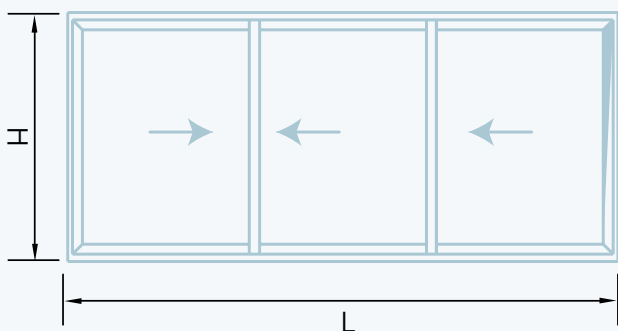
Perfil	Descrição	Corte	Quantidade	Medidas
+C4204R	Aro Fixo		4	H ou L
+C4201	Aro Móvel		6	H-70
			6	(l/3) + 1
+C4207	Engate		2	H-70
+C4010	Pingadeira		1	L

Janela de Correr de 4 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C4204R	Aro Fixo		4	H ou L
+C4201	Aro Móvel		8	H-70
			8	$(l/2) + 19$
+C4207	Engate		4	H-70
+C4010	Pingadeira		1	L

Janela de Correr Tri-Rail de 3 Folhas



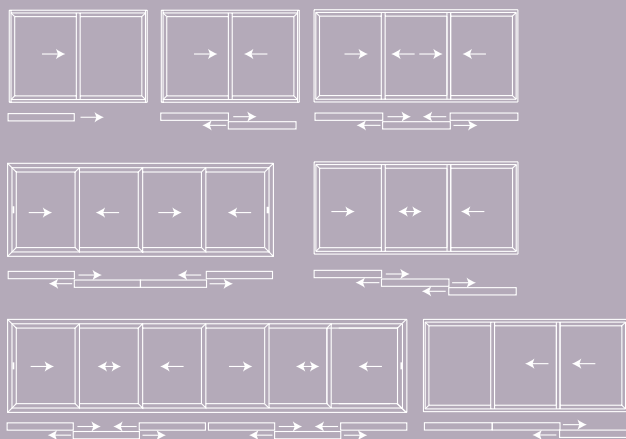
Perfil	Descrição	Corte	Quantidade	Medidas
+C4224	Aro Fixo		4	H ou L
+C4201	Aro Móvel		6	H-70
			6	$(l/3) + 24$
+C4217	Engate		4	H-70
+C4010	Pingadeira		1	L



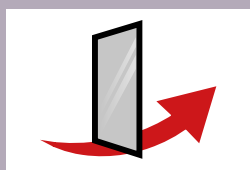
+C4600

(Perimentral 60mm)

Tipologias

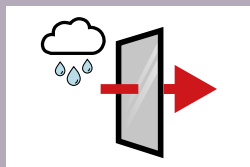


Desempenho Do Sistema +C4600
com vidro Ug= 0.400 W/m²K



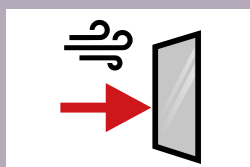
Permeabilidade ao Ar

4
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

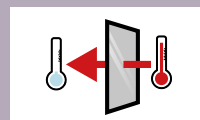
7A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C2
Classe
(norma de ensaio EN 12211)

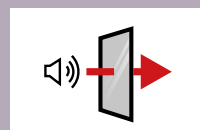
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

1,76 W/m²K

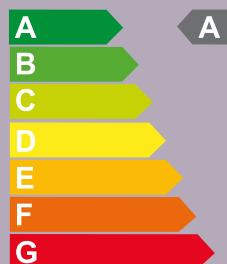
Coeficiente de Atenuação Acústica

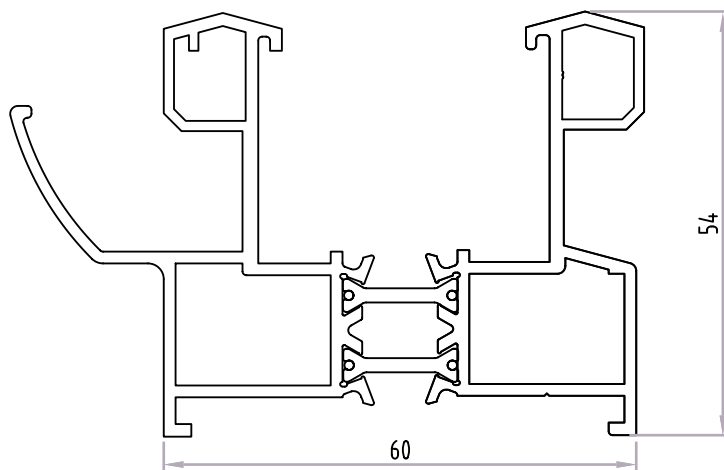


Atenuação Acústica Rw (C,Ctr):

36 (-1,-5)

Sistema de Etiquetagem Energética de Produtos



**Acessórios**

ES.2214



SK.9491.PI



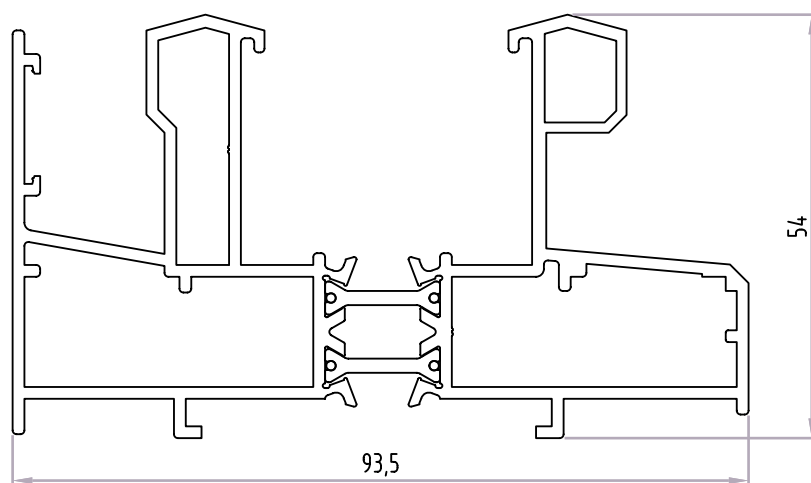
+C 4699



GO.9001

+C4615

Aro Fixo Perimentral
Perímetro: 0,49m

**Acessórios**

ES.2214



ES.A016



SK.9491.PI



+C 4699



GO.9001

+C4616

Aro Fixo Perimentral
Perímetro: 0,54m

Acessórios



ES.2214



ES.A016



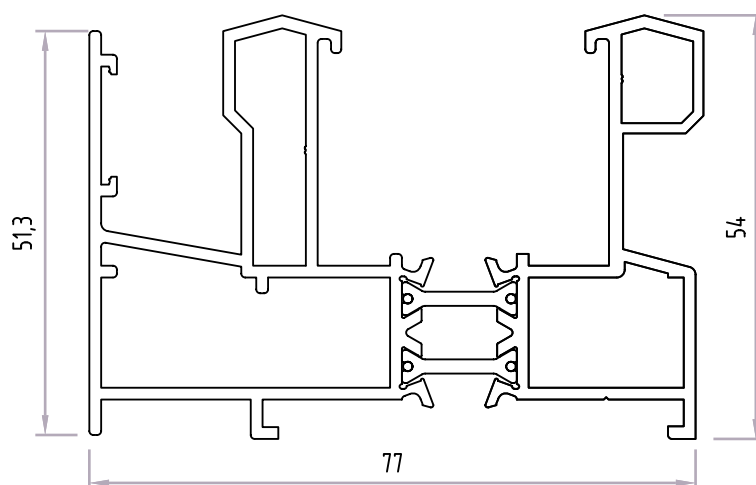
SK.9491.PI



+C 4699



GO.9001



+C4622

Aro Fixo Perimétral
Perímetro: 0,51m

Acessórios



ES.2214



ES.A001



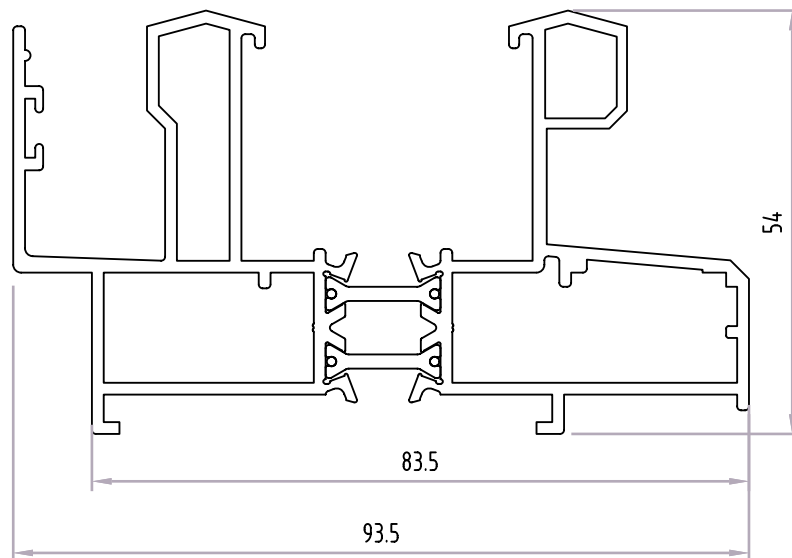
SK.9491.PI



+C 4699



GO.9001



+C4617

Aro Fixo Perimetral
Perímetro: 0,56m

Acessórios



ES.2214



ES.A016



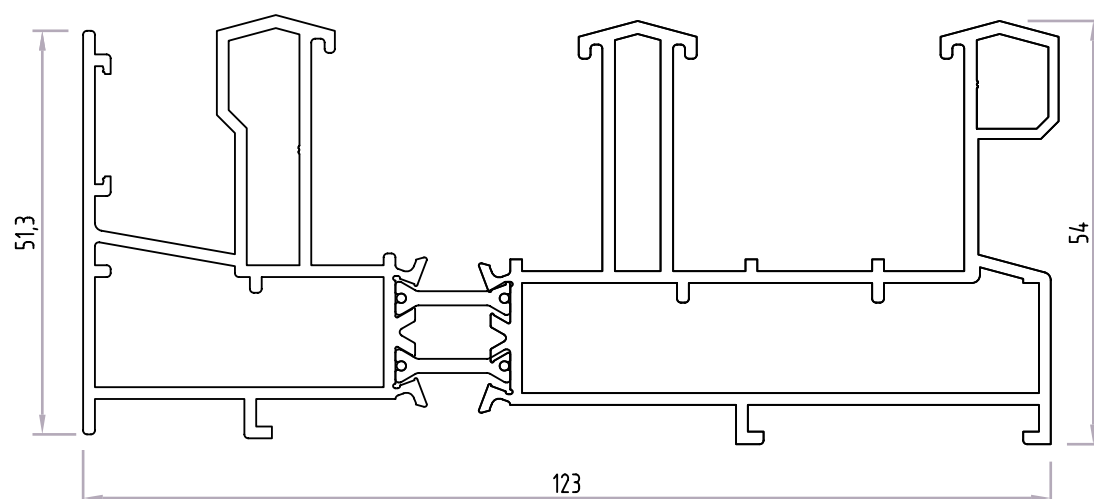
SK.9491.PI



+C 4699



GO.9001



+C4618

Aro Fixo Perimetral
Perímetro: 0,70m

Acessórios



ES.2214



ES.A001



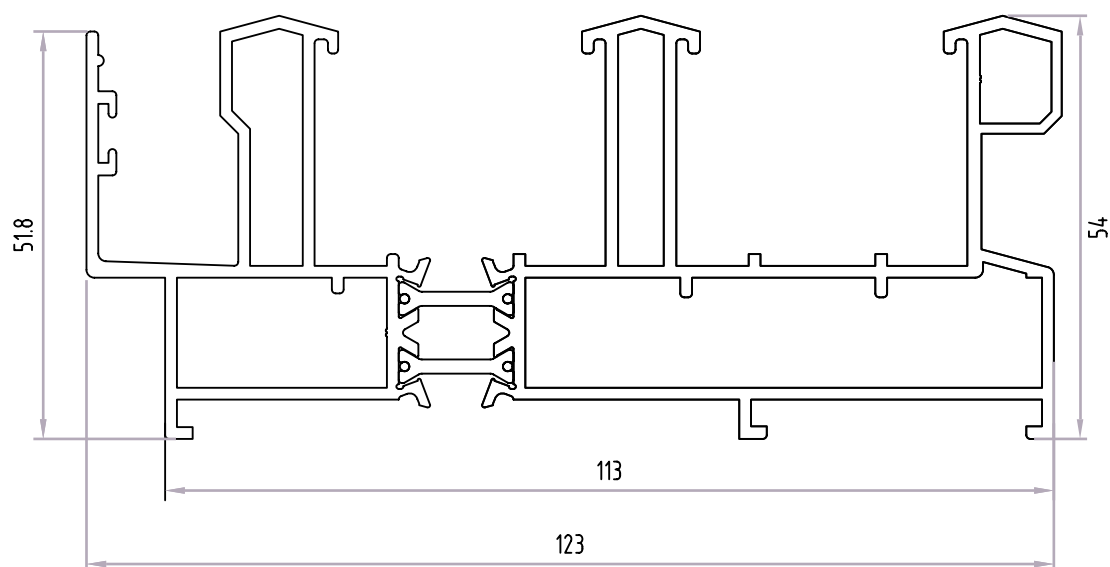
SK.9491.PI



+C 4699



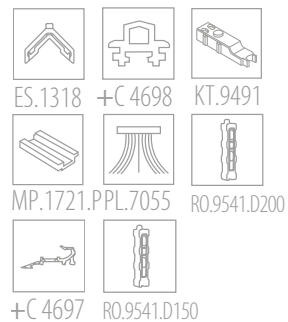
GO.9001



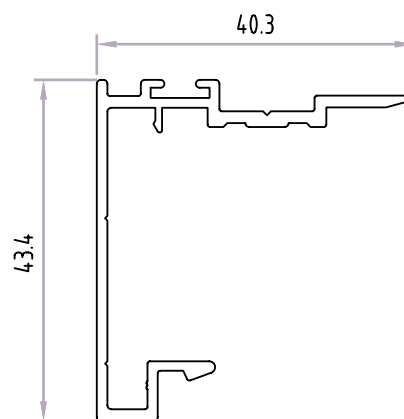
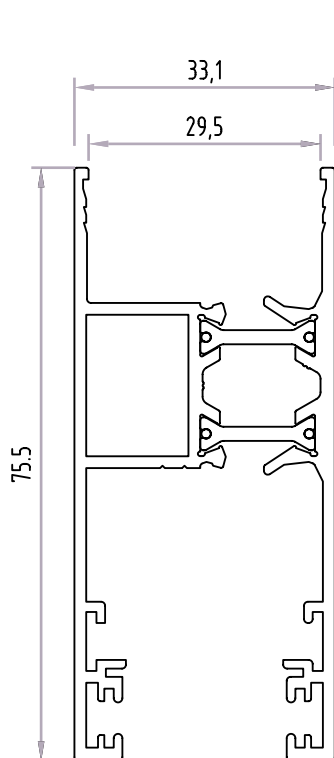
+C4619

Aro Fixo Perimetral Tri-rail
Perímetro: 0,71m

Acessórios



Acessórios

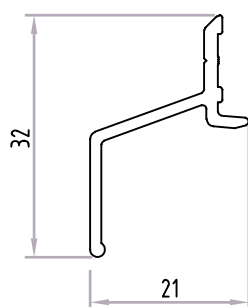


+C4653

Aro Móvel Perimetral Reto
Perímetro: 0,50m

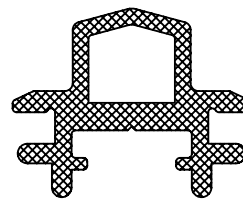
+C4654

Engate Central
Perímetro: 0,24m



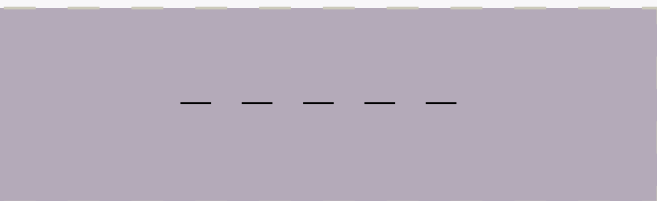
+C4629

Pingadeira Superior
Perímetro: 0,11m



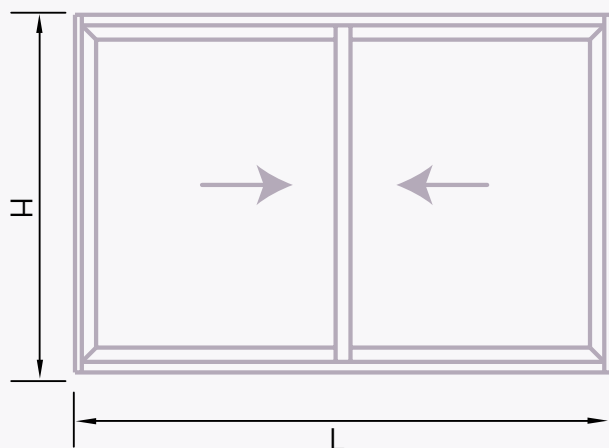
+C4698

Perfil p/ Três ou Quatro Folhas
Perímetro: 0,14m



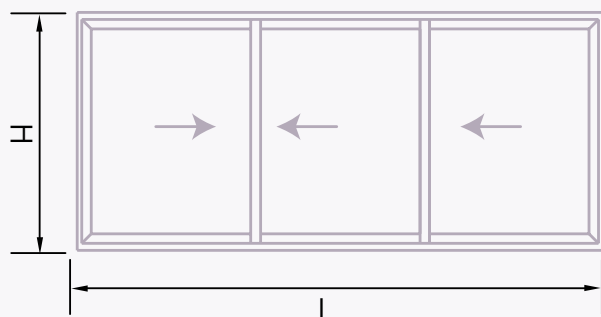
Medidas de Corte +C4600

Janela de Correr de 2 Folhas



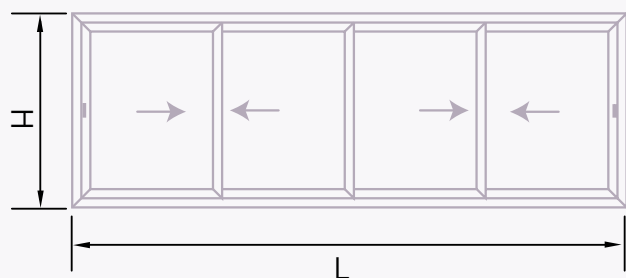
Perfil	Descrição	Corte	Quantidade	Medidas
+C4617	Aro Fixo		4	H ou L
+C4653	Aro Móvel		4	H-87
			4	(l/2) - 10
+C4654	Engate		2	H-87
+C4629	Pingadeira		1	L

Janela de Correr de 3 Folhas



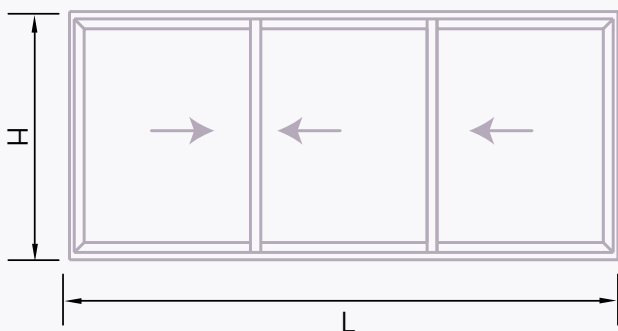
Perfil	Descrição	Corte	Quantidade	Medidas
+C4617	Aro Fixo		4	H ou L
+C4653	Aro Móvel		6	H-87
			6	(l/3) - 8
+C4654	Engate		2	H-87
+C4629	Pingadeira		1	L
+C4698	Perfil		1	H-87

Janela de Correr de 4 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C4617	Aro Fixo		4	H ou L
+C4653	Aro Móvel		8	H-87
			8	(L/4) + 10
+C4654	Engate		4	H-87
+C4629	Pingadeira		1	L
+C4698	Perfil		1	H-87

Janela de Correr Tri-Rail de 3 Folhas



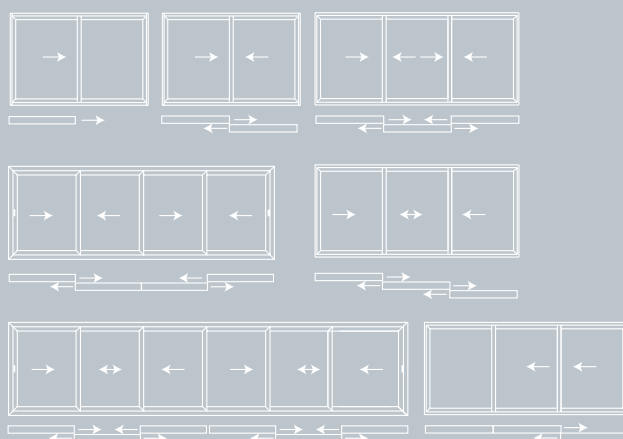
Perfil	Descrição	Corte	Quantidade	Medidas
+C4619	Aro Fixo		4	H ou L
+C4653	Aro Móvel		6	H-87
			6	(L/3) + 16
+C4654	Engate		4	H-87
+C4629	Pingadeira		1	L



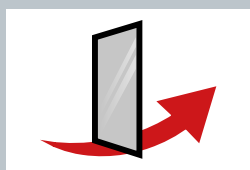
+C5200

(Elevatória Perimetral Corte Térmico 125mm)

Tipologias

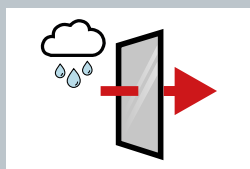


Desempenho Do Sistema +C5200
com vidro Ug= 0.400 W/m K



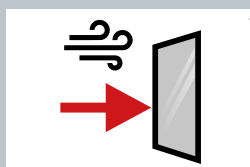
Permeabilidade ao Ar

3
Classe
(norma de
ensaio EN
1026:2000)



Estanquidade à Água

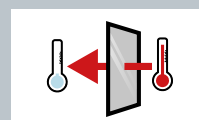
7A
Classe
(norma de
ensaio EN
1027:2000)



Resistência ao Vento

7A
Classe
(norma de
ensaio EN
12211:2000)

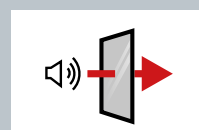
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

1,5W/m²K

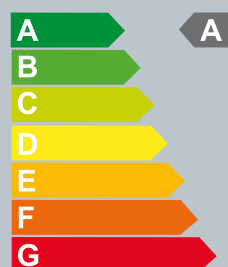
Coeficiente de Atenuação Acústica

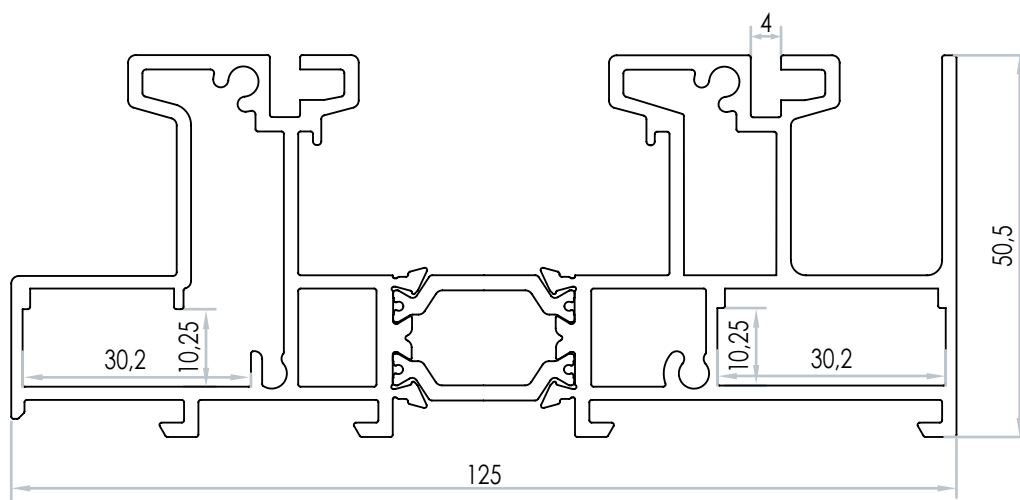


Atenuação Acústica Rw (C,Ctr):

31 (-1,-3)

Sistema de Etiquetagem Energética de Produtos





Acessórios



ES.3010.805



CV.5200



G0.9001

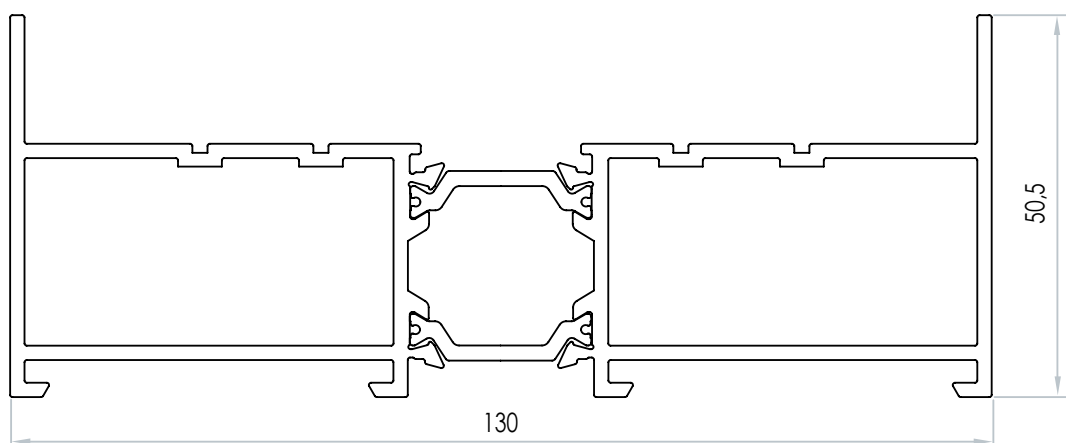


+C 5299

+C5204

Aro Fixo

Perímetro: 0,69m



Acessórios



VD.6069

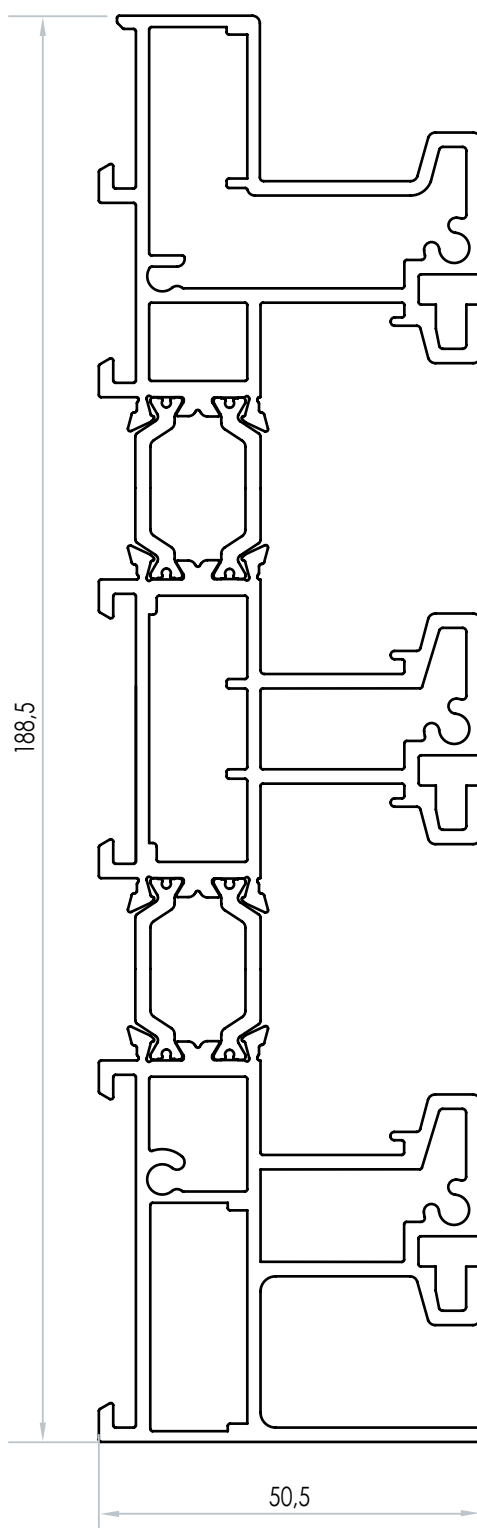
+C5205

Ombreira

Perímetro: 0,54m







Acessórios



ES.3010.805



CV.5200



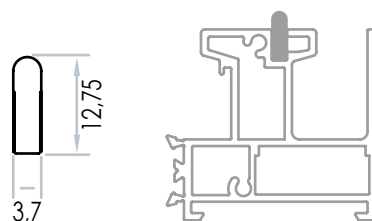
GO.9001



+C 5299

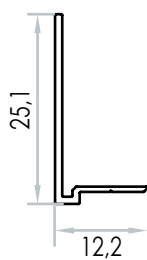
+C5203

Aro Fixo Tri-rail
Perímetro: 0,87m



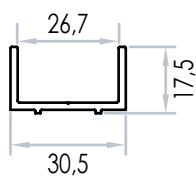
+C5212

Carril
Perímetro: 0,04m



+C5208

Pingadeira
Perímetro: 0,15m



+C5209

Carril
Perímetro: 0,13m





Acessórios



ES.A003



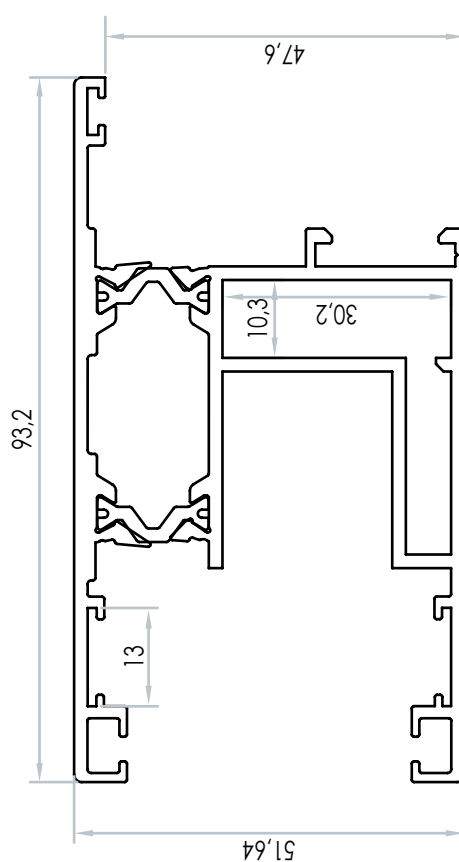
ES.3010.805



VD.6049



RO.5200



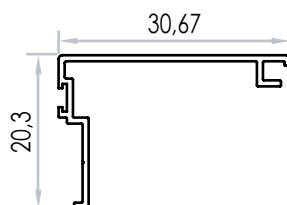
+C5201

Aro Móvel
Perímetro: 0,62m

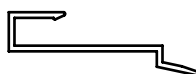
Acessórios



GF.5200

**+C5207**

Engate Central
Perímetro: 0,25m

**+C5297**

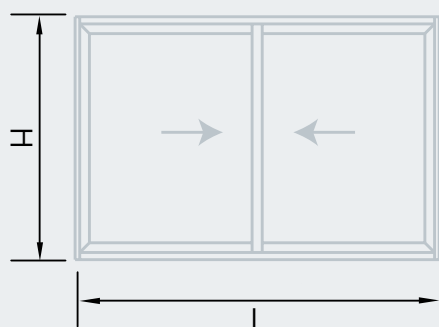
Gatilho Central PVC

+E2045 Caixa 41,6	+E2014 Caixa 37,1	+E2018 Caixa 35,1	+E2015 Caixa 33	+E2019 Caixa 30,2	+E2016 Caixa 23	+E2217 Caixa 10,5	+E2217 Caixa 16,6
6	10,5	12,5	14,6	17,4	24,6	27,5	33

Medidas de Corte

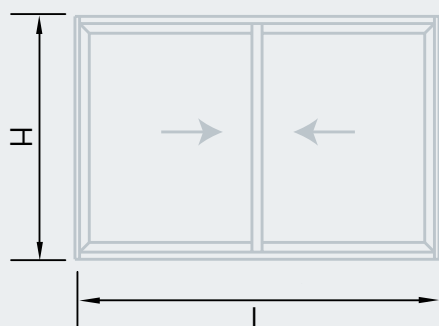
+C5200

Janela de Correr de 2 Folhas



Perfil	Descrição	Corte	Quantidade	Medidas
+C5204	Aro Fixo		2	L-62
+C5201	Aro Móvel		2 2	H - 86 (L+5) / 2
+C5205	Ombreira		2	H

Janela de Correr de 3 Folhas Perimetral



Perfil	Descrição	Corte	Quantidade	Medidas
+C5204	Aro Fixo		2	H ou L
+C5201	Aro Móvel		2 2	H - 86 (L+5) / 2

Janela de Correr de 3 Folhas Perimetral Tri-Rail



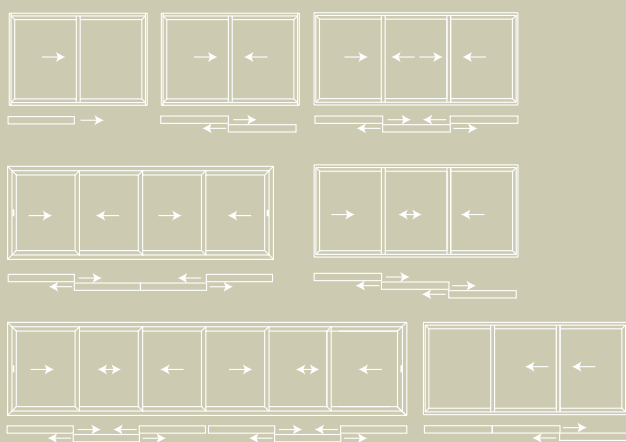
Perfil	Descrição	Corte	Quantidade	Medidas
+C5203	Aro Fixo		2	H ou L
+C5201	Aro Móvel		2 2	H - 86 L/3 +31,5



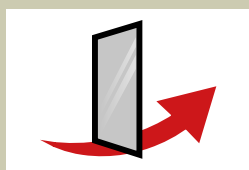
+C2600

(Elevatória Perimetral Corte Térmico 125mm)

Tipologias

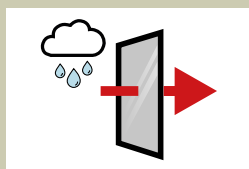


Desempenho Do Sistema +C2600
com vidro Ug= 0.400 W/m²K



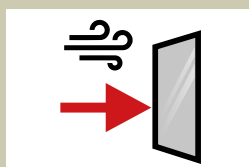
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

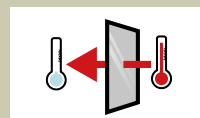
7A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)

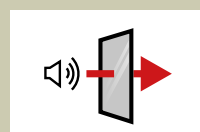
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

1,6 W/m²K

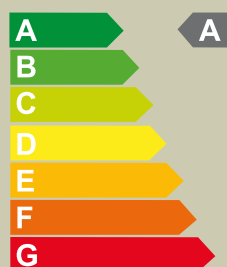
Coeficiente de Atenuação Acústica



Atenuação Acústica Rw (C,Ctr):

40 dB

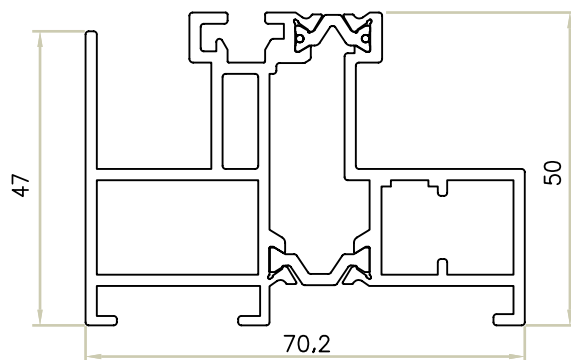
Sistema de Etiquetagem Energética de Produtos



Acessórios



ES.0410



+C2640

Aro Fixo Mono-rail
Perímetro: 0,51m

Acessórios



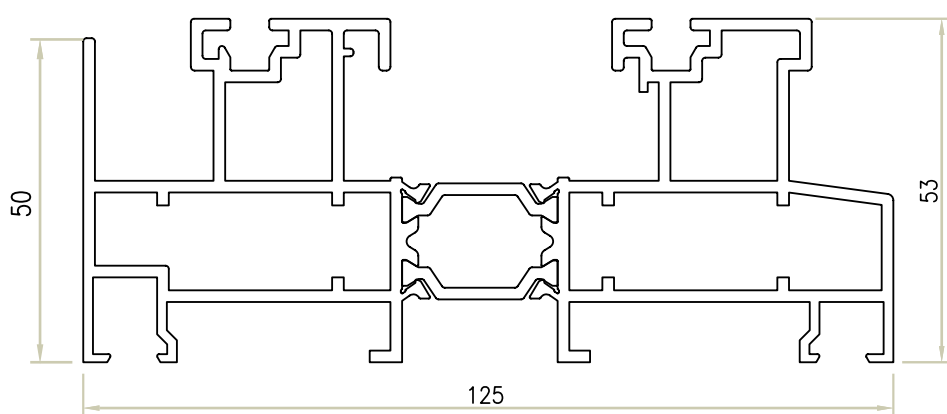
ES.0410



CV.3012,6

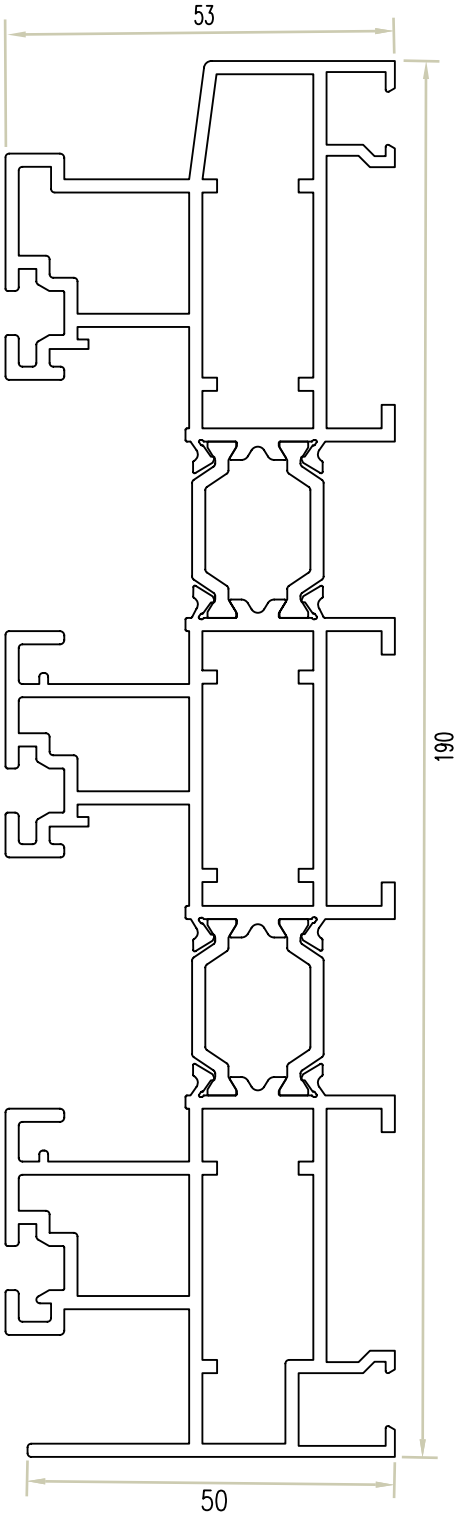


GO.9001



+C2620

Aro Fixo Bi-rail
Perímetro: 0,76m



Acessórios



ES.0410



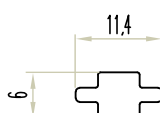
CV.3012.6



GO.9001

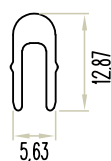
+C2645

Aro Fixo Tri-rail
Perímetro: 1,17m



+C2623

Tapa Canal
Perímetro: 0,12m



+C2627

Carril
Perímetro: 0,12m





Acessórios



ES.0410



ES.5015



PL.7090



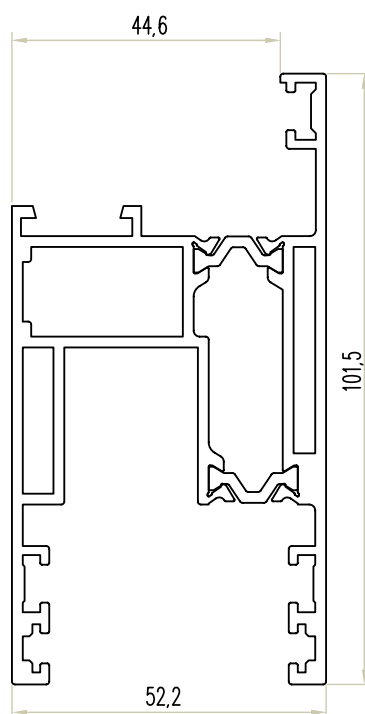
GF.3069.6



VD.D125

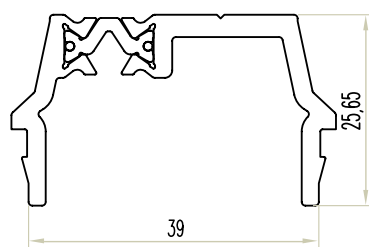


KT.ELEVAVEL



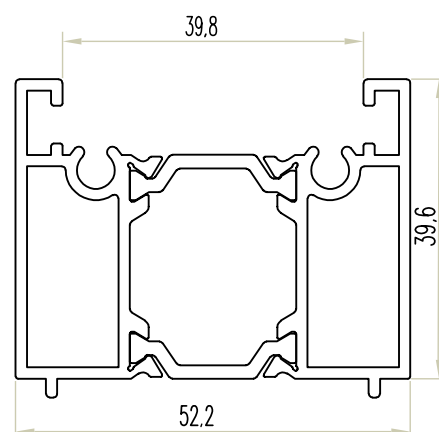
+C2621

Aro Móvel
Perímetro: 0,67m



+C2650

Perfil Complementar 4 Folhas
Perímetro: 0,21m

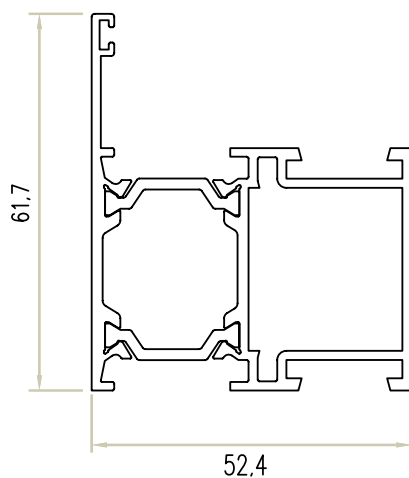


+C2641

Perfil Central
Perímetro: 0,34m







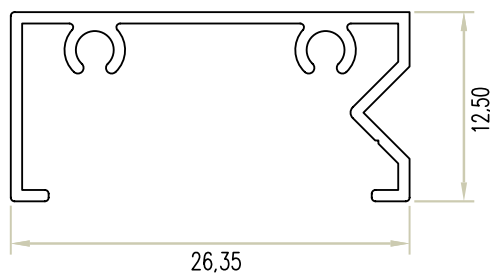
Acessórios



ES.0444

+C2642

Aro Fixo
Perímetro: 0,40m



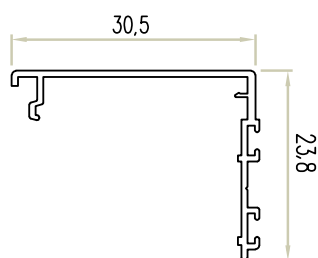
+C2659

Perfil Exterior
Perímetro: 0,28m

Acessórios

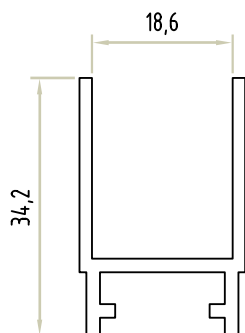


GF.3046.5 GF.3069.6 PL.7055



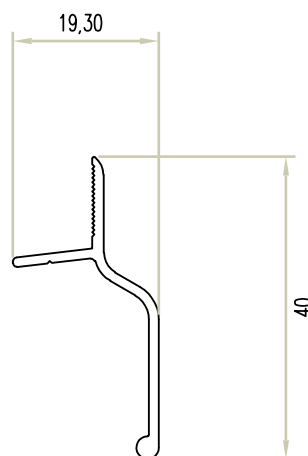
+C2622

Engate Central
Perímetro: 0,29m



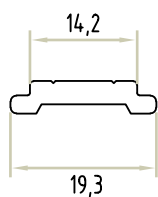
+C2608

Perfil Complementar
Perímetro: 0,19m



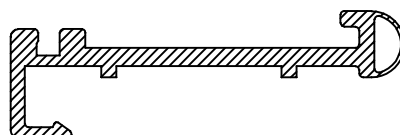
+C3412

Pingadeira
Perímetro: 0,12m



+C2814

Vareta
Perímetro: 0,12m



+C2697

Gatilho Central Pvc



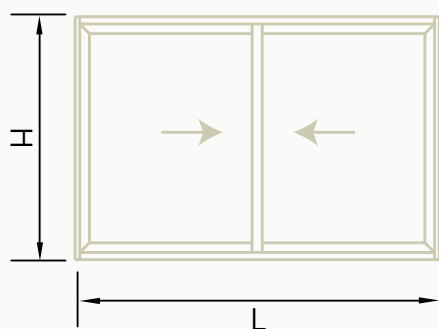
+C2699

Calha em U

Medidas de Corte

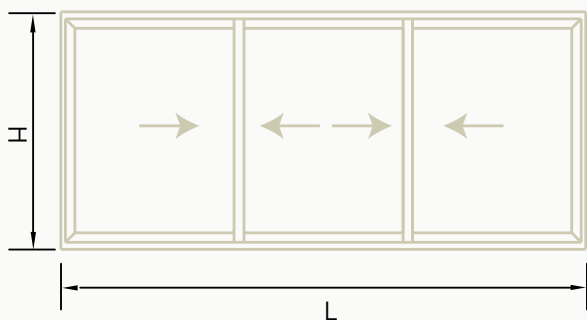
+C2600

Janela de Correr de 2 Folhas



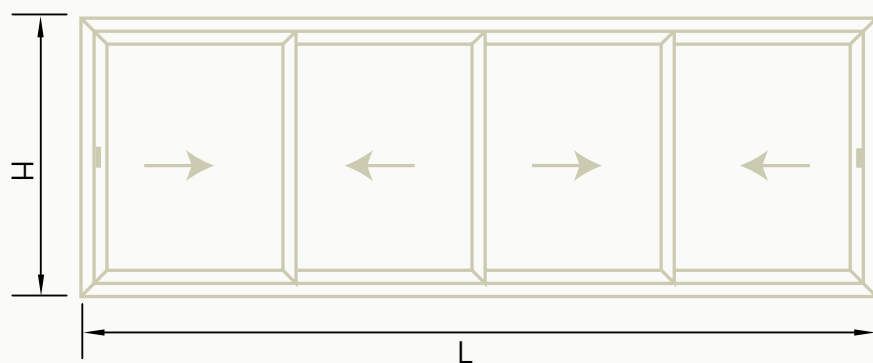
Perfil	Descrição	Corte	Quantidade	Medidas
+C2620	Aro Fixo		2 + 2	H ; L
+C2621	Aro Móvel		4 4	H - 87 L 12 + 5
+C2622	Engate Central		2	H - 87
+C2697			2	H - 87
+C2699	Calha U		2 + 2	H ; L
+C2627	Carril		2	2

Janela de 3 Folhas Tri-Rail



Perfil	Descrição	Corte	Quantidade	Medidas
+C2645	Aro Fixo		2 + 2	H ; L
+C2621	Aro Móvel		6 + 6 6 + 6	H - 87 L / 3 + 36
+C2622	Engate Central		4	H - 87
+C2697			4	H - 87
+C2699	Calha U		4 + 4	H ; L
+C2627	Carril		3	L

Janela de Correr de 4 Folhas



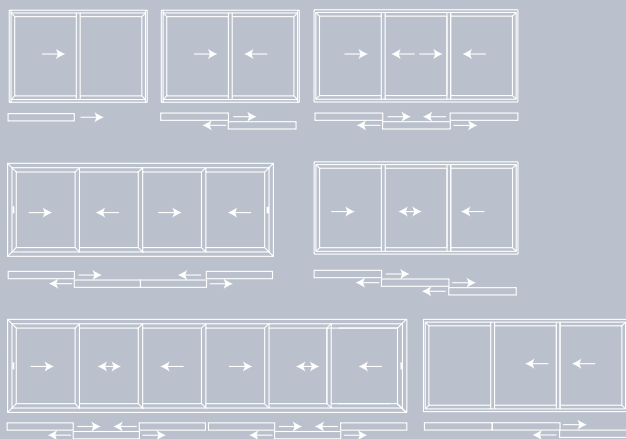
Perfil	Descrição	Corte	Quantidade	Medidas
+C2620	Aro Fixo		2 + 2	H ; L
+C2621	Aro Móvel		8 + 8 8 + 8	H - 87 L / 4 + 26
+C2622	Engate Central		4	H - 87
+C2697			4	H - 87
+C2699	Calha U		2 + 2	L + H
+C2627	Carril		2	L
+C2650	Perfil 4 Folhas		1	H - 87



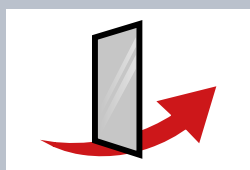
+C5600

(Elevatória Ligeira Perimetral Corte Térmico 105mm)

Tipologias

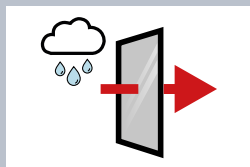


Desempenho Do Sistema +C5600
com vidro Ug= 0.700 W/m²K



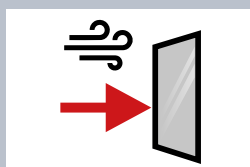
Permeabilidade ao Ar

4
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

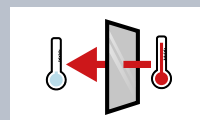
7A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)

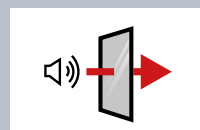
Coeficiente de Transmissão Térmica



Transmissão Térmica Uw:

1.19 W/m²K

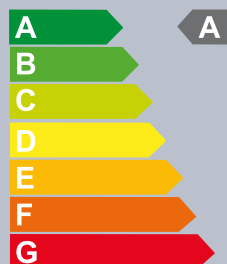
Coeficiente de Atenuação Acústica



Atenuação Acústica Rw (C,Ctr):

35 (-1,-4)

Sistema de Etiquetagem Energética de Produtos



Acessórios



ES.2712



ES.A016



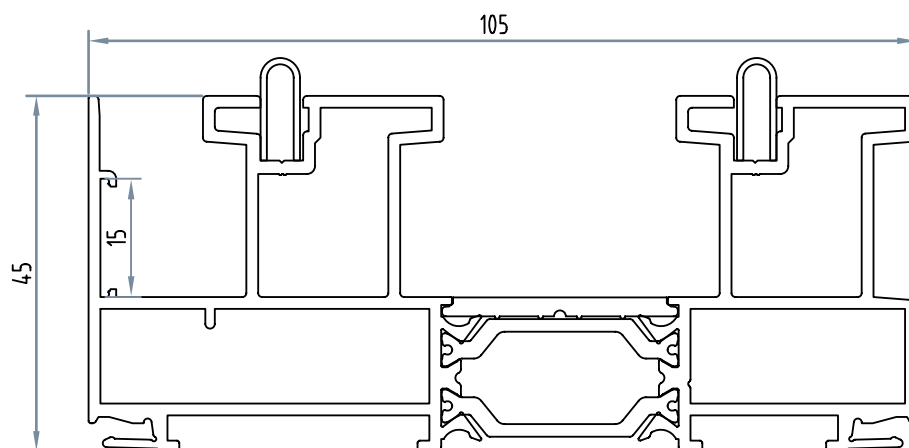
VD.6001.ANIC



VD.3095.6002



CV.3095.6014

**+C5605**

Aro Fixo Perimetral
Perímetro: 0,61m

Acessórios



ES.2712



ES.A016



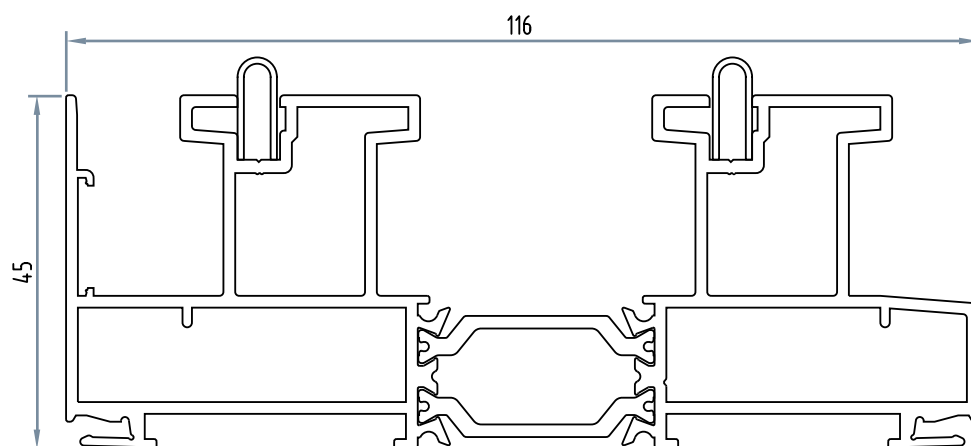
VD.6001.ANIC



VD.3095.6002



CV.3095.6014

**+C5620**

Aro Fixo Perimetral
Perímetro: 0,63m

Acessórios



ES.2712



ES.A016



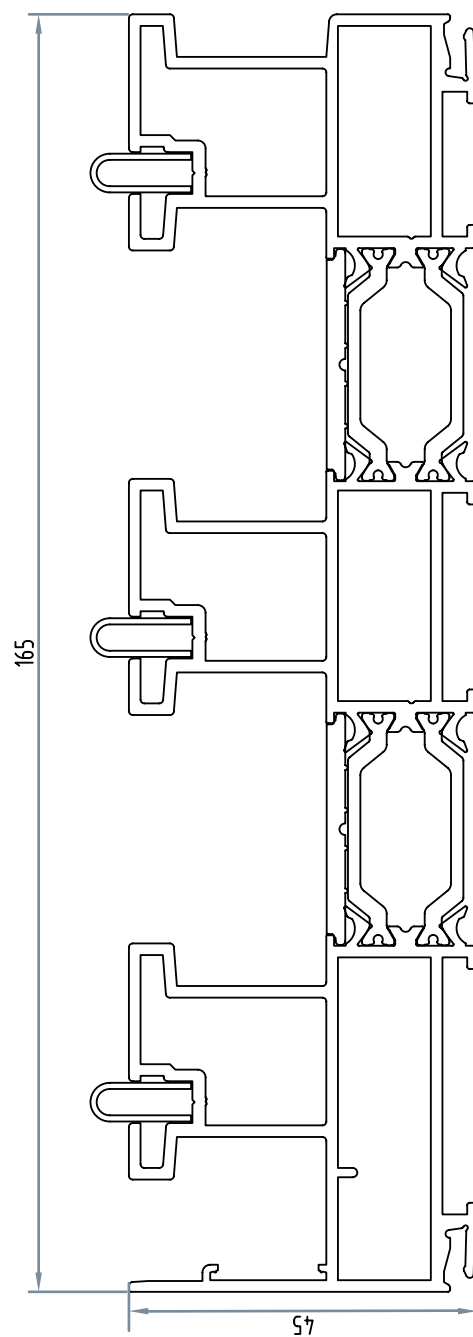
VD.6001.ANIC



VD.3095.6002



CV.3095.6014



+C5609

Aro Fixo Perimentral Tri-rail
Perímetro: 0,89m

Acessórios



ES.2712



ES.A016



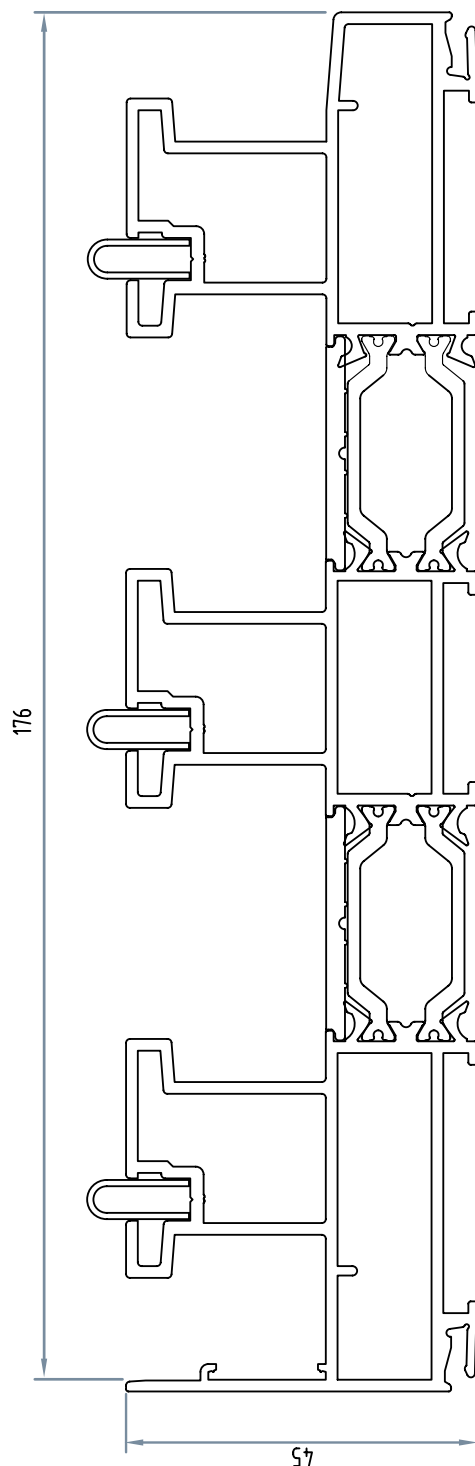
VD.6001.ANIC



VD.3095.6002



CV.3095.6014



+C5622

Aro Fixo Perimentral Tri-rail
Perímetro: 0,92m





Acessórios



ES.2712



ES.A016



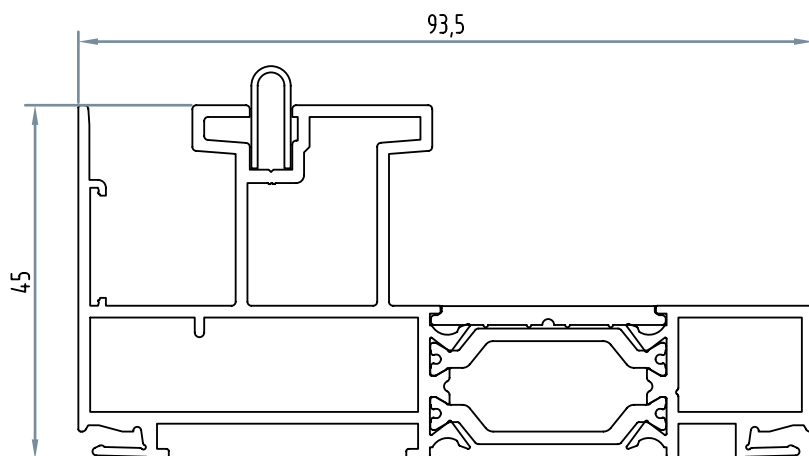
VD.6001.ANIC



VD.3095.6002



CV.3095.6014



+C5607

Aro Fixo Mono-Rail
Perímetro: 0,48m

Acessórios



ES.2712



ES.A016



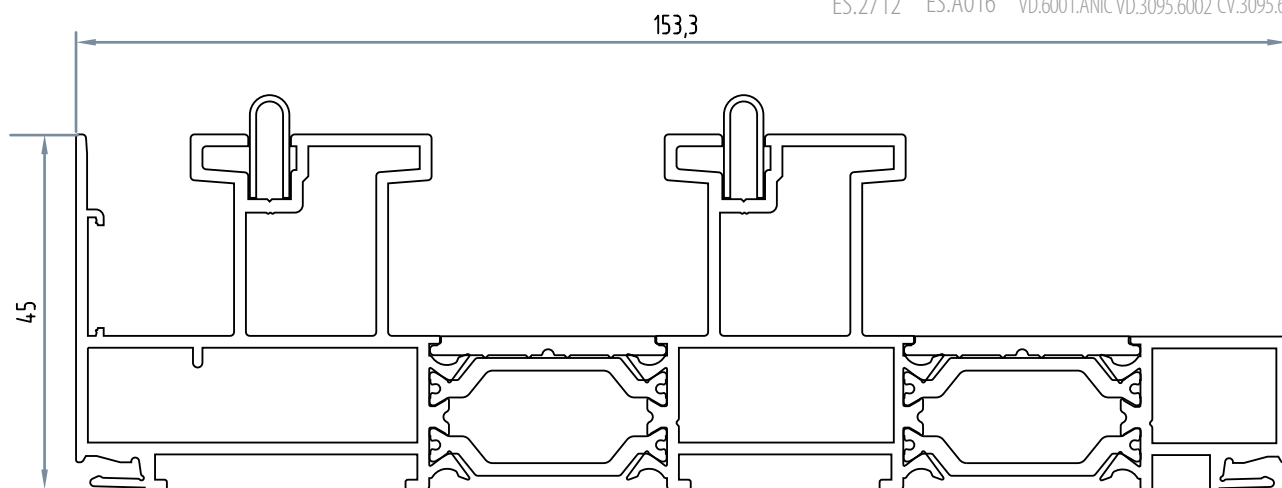
VD.6001.ANIC



VD.3095.6002



CV.3095.6014



+C5610

Aro Fixo Bi-rail galandage
Perímetro: 0,77m



Acessórios



ES.3010.805



ES.A016



PL.7055



KT.ELEVAVEL



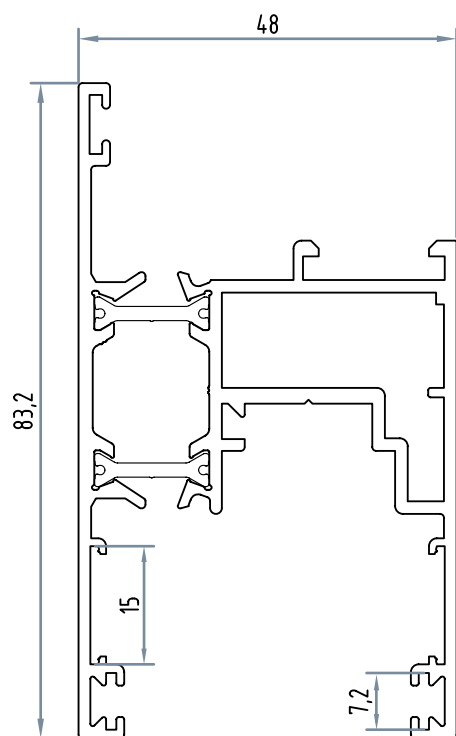
VD.3095.6003



RO.9546.C+200



RO.9546.C+120



+C5602

Aro Móvel Perimetral
Perímetro: 0,56m

Acessórios



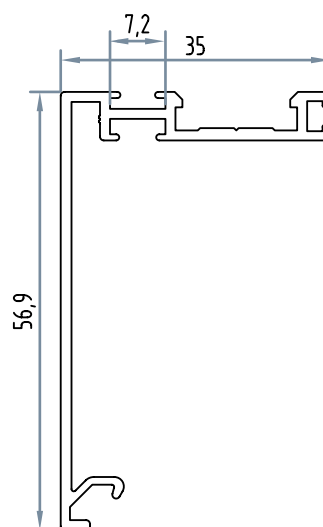
PL.7055



VD.3095.6004

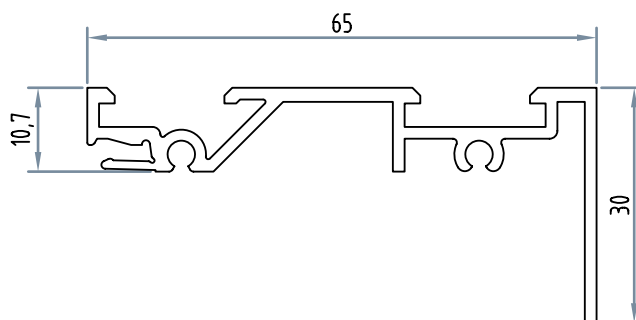


GF.3094.5035

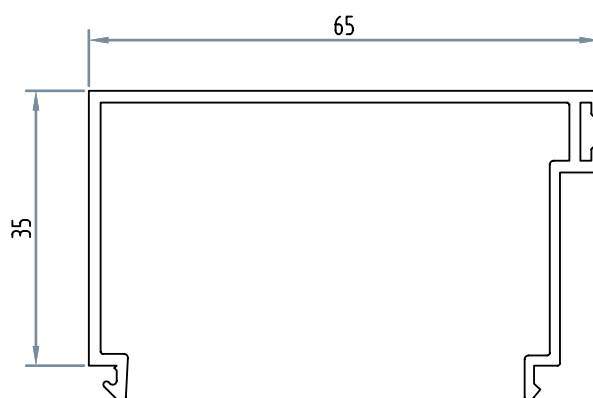


+C5606

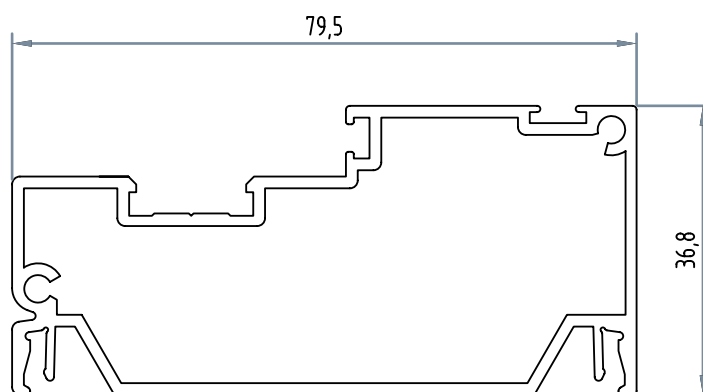
Engate Central
Perímetro: 0,26m

**+C5611**

Perfil para Isolamento
Perímetro: 0,30m

**+C5612**

Remate de Isolamento
Perímetro: 0,31m

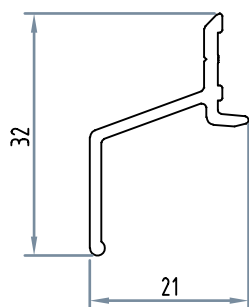
**+C5613**

Prumo de Cruzamento
Perímetro: 0,33m

Acessórios

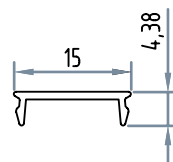


PL.7055



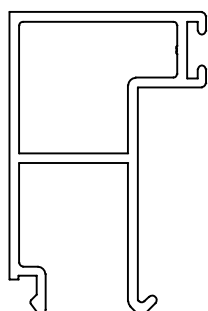
+C9029

Pingadeira Superior
Perímetro: 0,11m



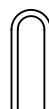
+K8004

Perfil Complementar
Perímetro: 0,10m



+A6048

Bite
Perímetro: 0,20m



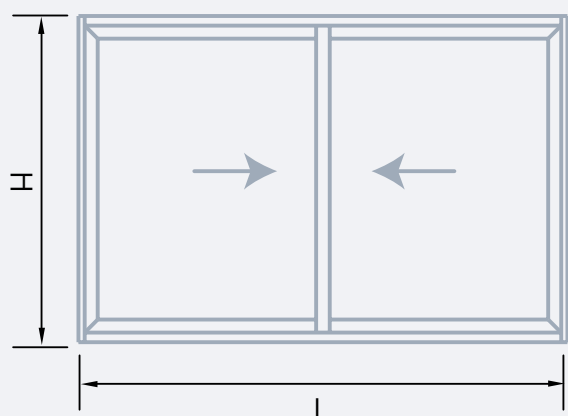
+C5693

Perfil Guia Inox

Medidas de Corte

+C5600

Porta de Correr de 2 Folhas Elevável



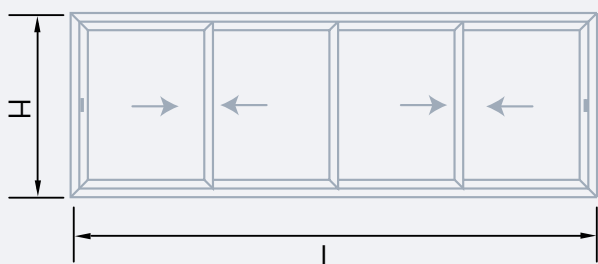
Perfil	Descrição	Corte	Quantidade	Medidas
+C5620	Aro Fixo		2 + 2	L ; H
+C5602	Aro Móvel		4 + 4	$L/2 + 2 H - 75$
+C5606	Engate		2	H-75
+C9029	Pingadeira		1	L

Porta de Correr de 3 Folhas Tri-Rail

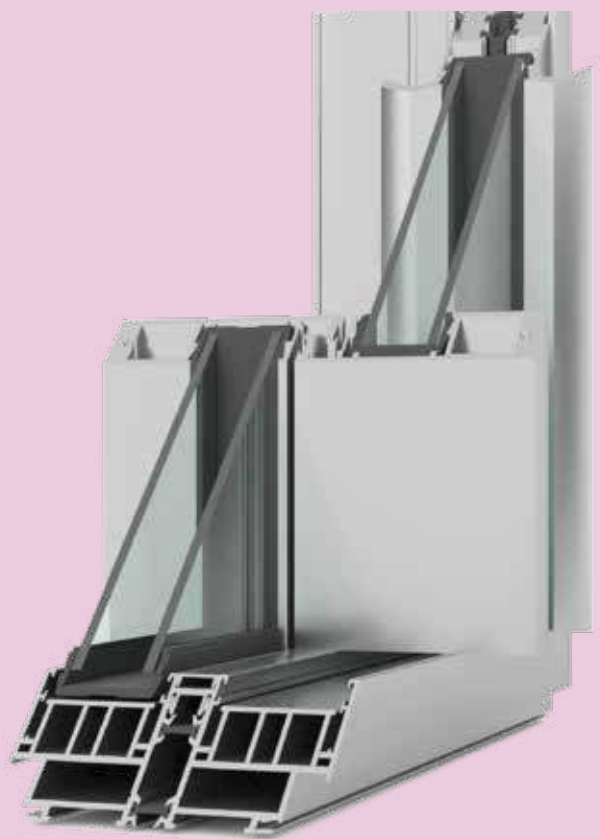


Perfil	Descrição	Corte	Quantidade	Medidas
+C5620	Aro Fixo		2 + 2	L ; H
+C5602	Aro Móvel		6	$L/3 + 28 ; H - 75$
+C5606	Engate		4	H-75
+C9029	Pingadeira		1	L

Janela de Correr de 4 Folhas



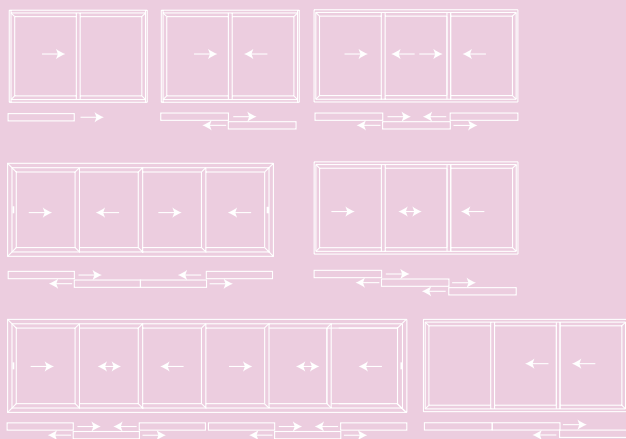
Perfil	Descrição	Corte	Quantidade	Medidas
+C5620	Aro Fixo		2 + 2	L ; H
+C5602	Aro Móvel		8	$L/4 + 20 ; H - 75$
+C5606	Engate		4	H-75
+C9029	Pingadeira		1	L



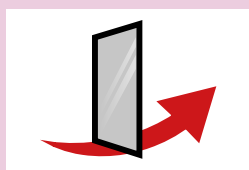
+K8000

(Minimalista Corte Térmico 120mm)

Tipologias

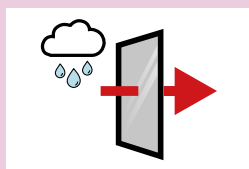


Desempenho Do Sistema +K8000
com vidro $U_g = 0.900 \text{ W/m}^2\text{K}$



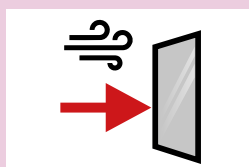
Permeabilidade ao Ar

3
Classe
(norma de ensaio EN 1026)



Estanquidade à Água

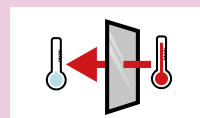
7A
Classe
(norma de ensaio EN 1027)



Resistência ao Vento

C5
Classe
(norma de ensaio EN 12211)

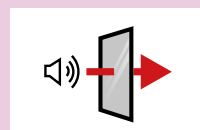
Coeficiente de Transmissão Térmica



Transmissão Térmica U_w :

1.09 $\text{W/m}^2\text{K}$

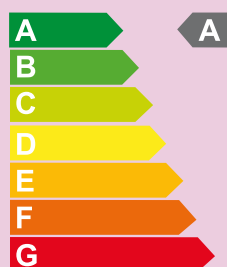
Coeficiente de Atenuação Acústica



Atenuação Acústica R_w (C,Ctr):

37 (-2,-4)

Sistema de Etiquetagem Energética de Produtos



Acessórios



ES.9600.48



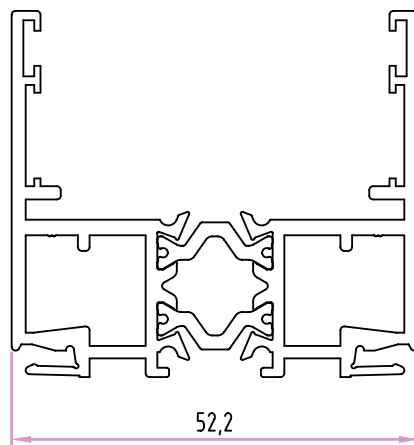
ES.A003



PL.7055.3L



CV.8000



+K8010

Aro Fixo

Perímetro: 0,41m

Acessórios



ES.A003



ES.3612.C



PL.7055.3L



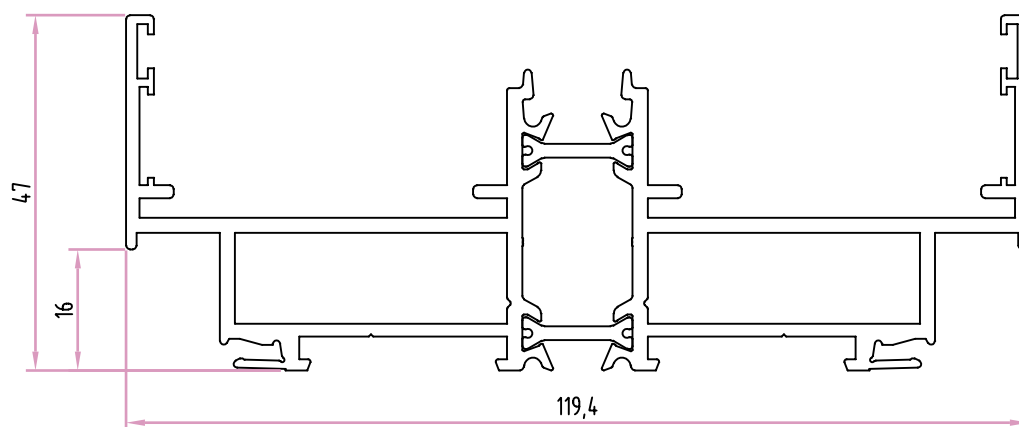
BA.0302



CV.8000



FE.6014

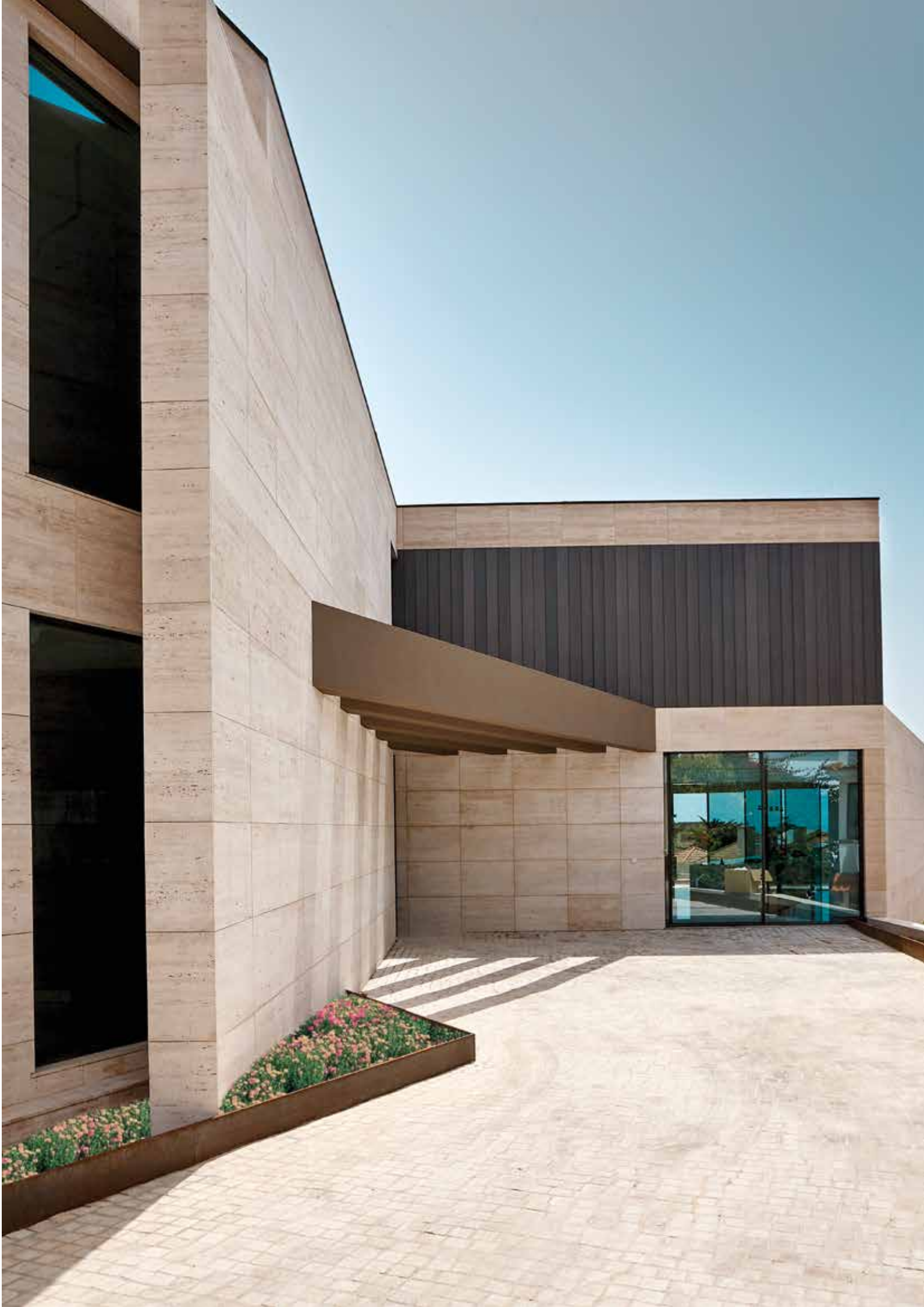


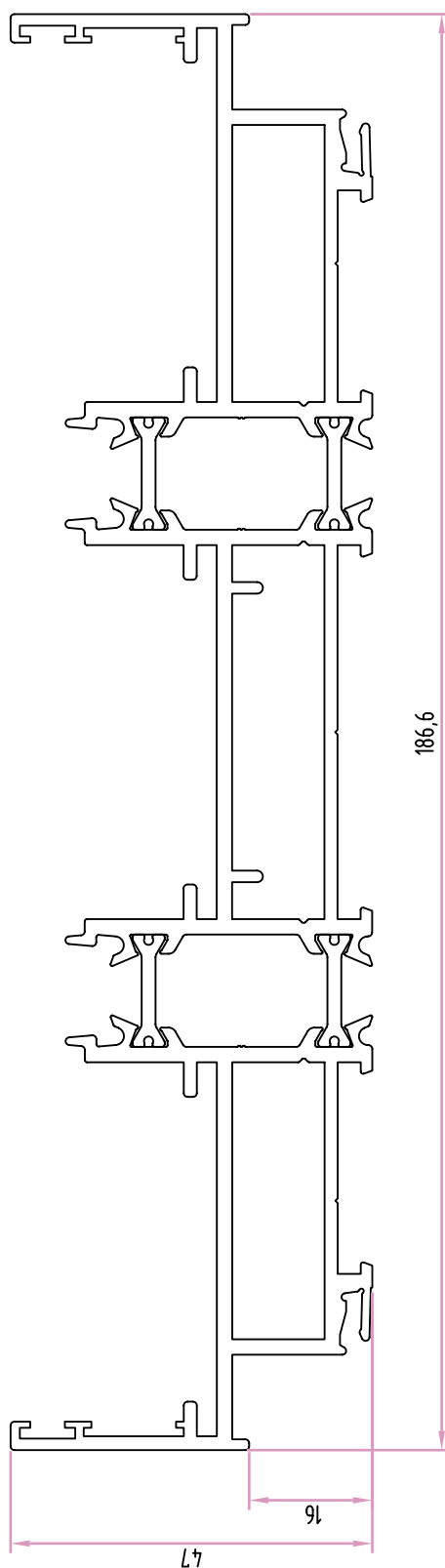
+K8001

Aro Fixo Perimetral

Perímetro: 0,66m







Acessórios



ES.A003



ES.3612.C



PL.7055.3L



BA.0302



CV.8000

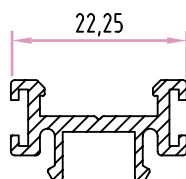


FE.6014

+K8025

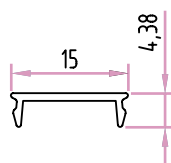
Perfil tri-rail
Perímetro: 1,07m

Acessórios



+K8006

Perfil Poliamida Central

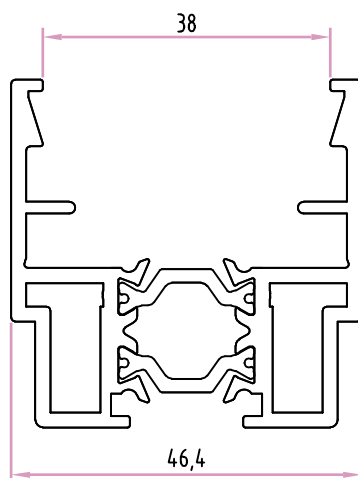


+K8004

Perfil Complementar de Aro Fixo
Perímetro: 0,10m

+K8003

Aro Móvel Lateral
Perímetro: 0,34m



Acessórios



UN.6002



BA.8003.9



TP.6017



FE.8000



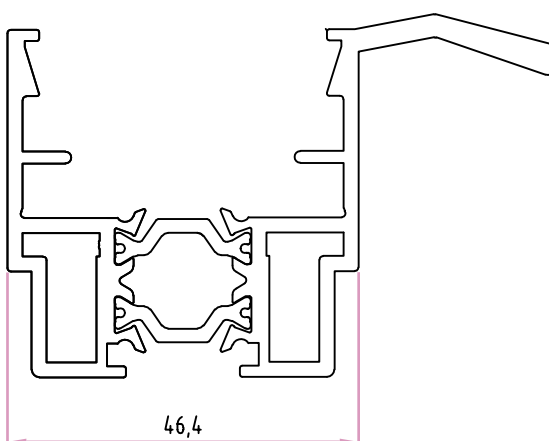
FE.6014



FE.8000.TR

+K8203

Aro Móvel Lateral c/ Aba
Perímetro: 0,40m



Acessórios



UN.6002



BA.8003.9



TP.6017



FE.8000



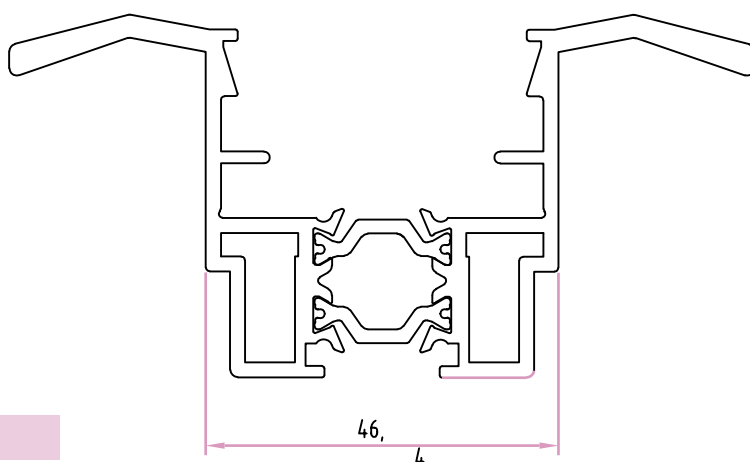
FE.6014



FE.8000.TR

+K8103

Aro Móvel Lateral c/ Aba
Perímetro: 0,48m



Acessórios



UN.6002



BA.8003.9



TP.6017



FE.8000

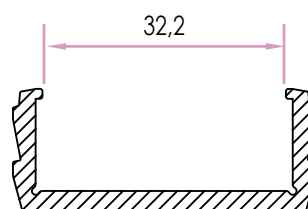


FE.8000.TR

Acessórios

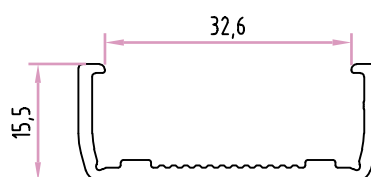


Fl.6056



+K8007

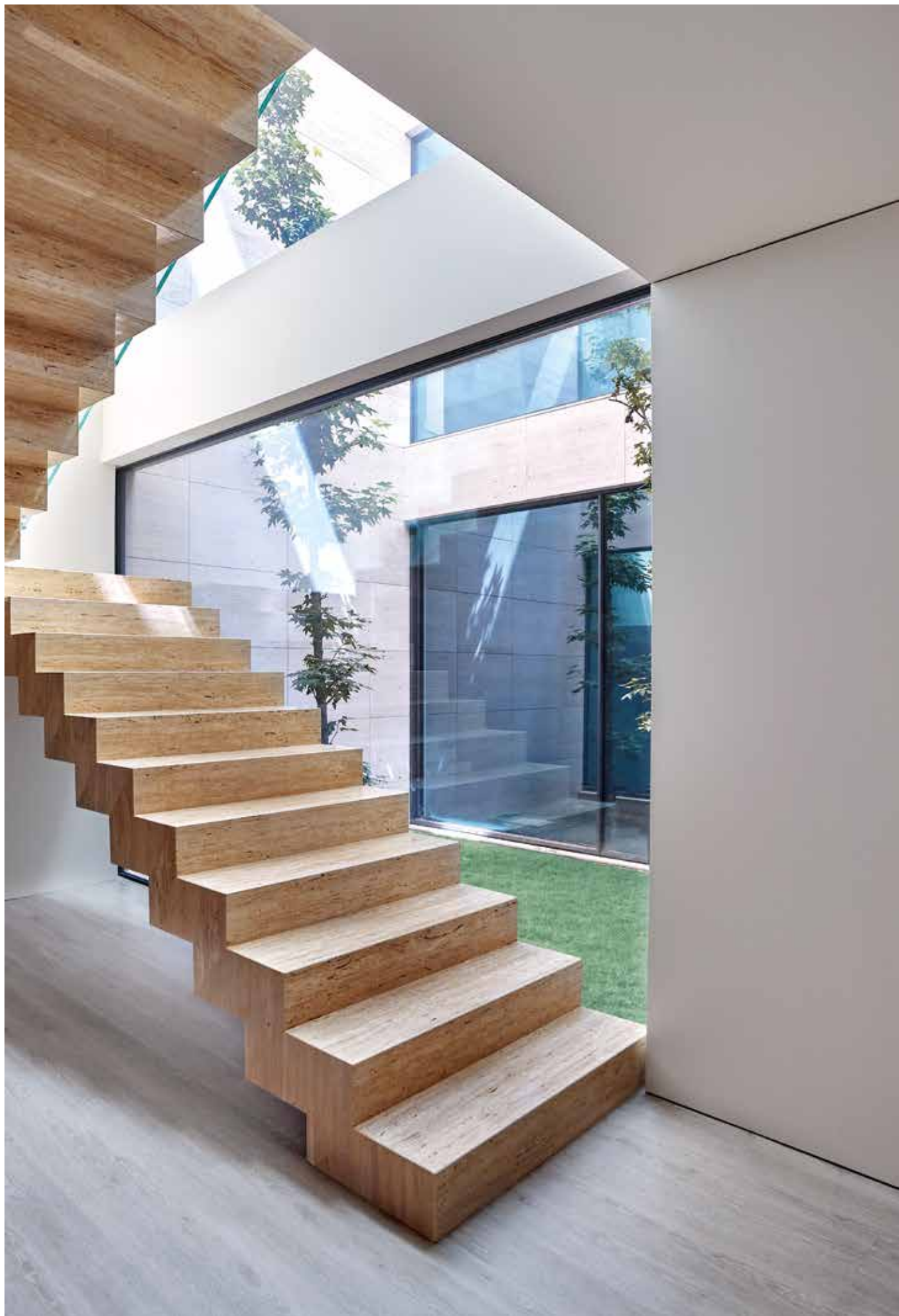
Perfil Poliamida p/Vidro

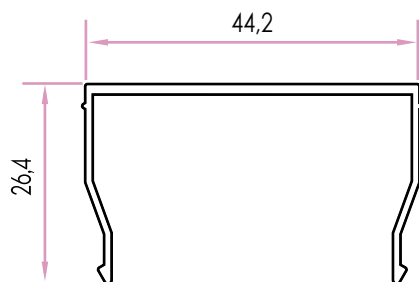


+K8018

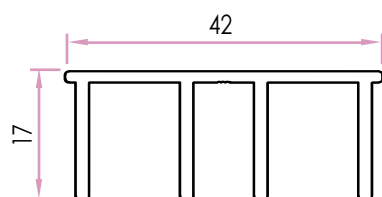
Aro Móvel Lateral Minimalista
Perímetro: 0,15m



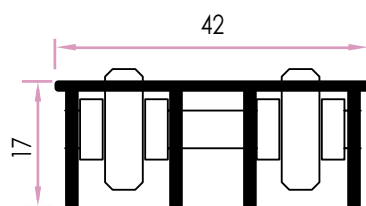


**+K8013**

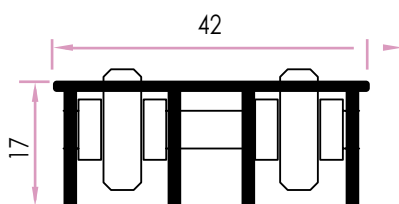
Perfil Tampa
Perímetro: 0,19m

**+K8008**

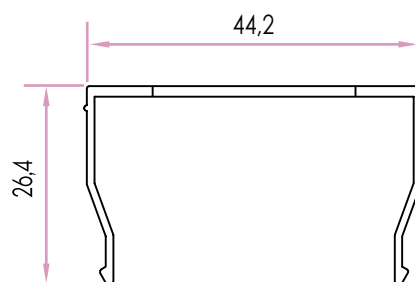
Vareta

**+K8005**

Perfil Inferior Folha Fixa
Perímetro: 0,21m

**+K8005.R**

Guia Inferior peso <200kg
Perímetro: 0,21m

**+K8014.R**

Guia Inferior Peso $\geq 200\text{Kg}$
Perímetro: 0,21m

+K8013.R

Perfil Tampa c/Rasgos
Perímetro: 0,19m

Acessórios



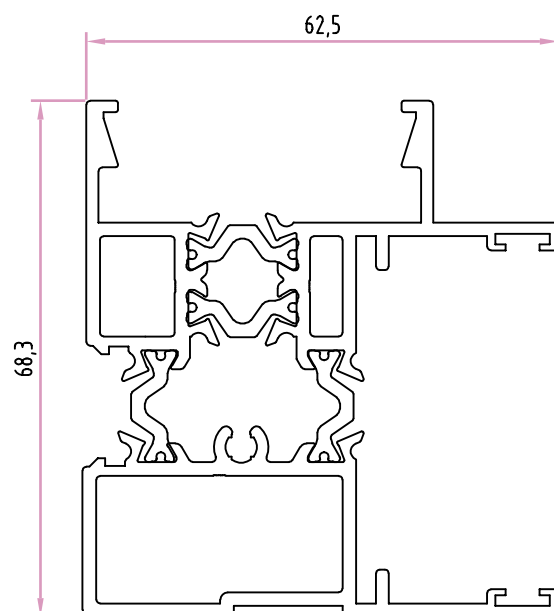
ES.6033



TP.6018



PL.7055.3L



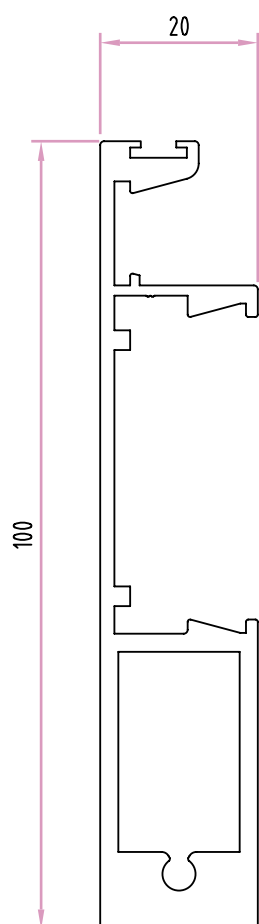
+K8011

Perfil Canto
Perímetro: 0,60m

Acessórios

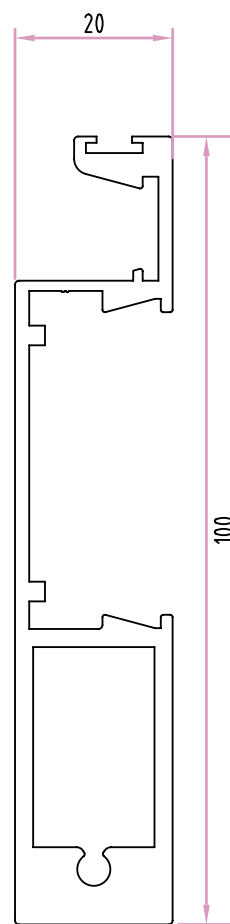


Acessórios



+K8002

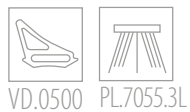
Aro Móvel Central Reforçado
Perímetro: 0,33m



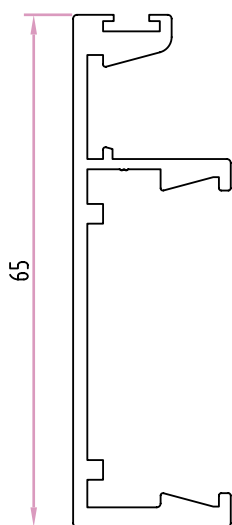
+K8012

Aro Móvel Central Reforçado de 3/4folhas
Perímetro: 0,33m

Acessórios

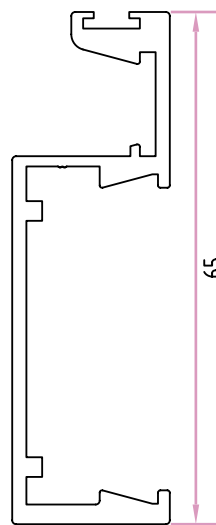


Acessórios



+K8009

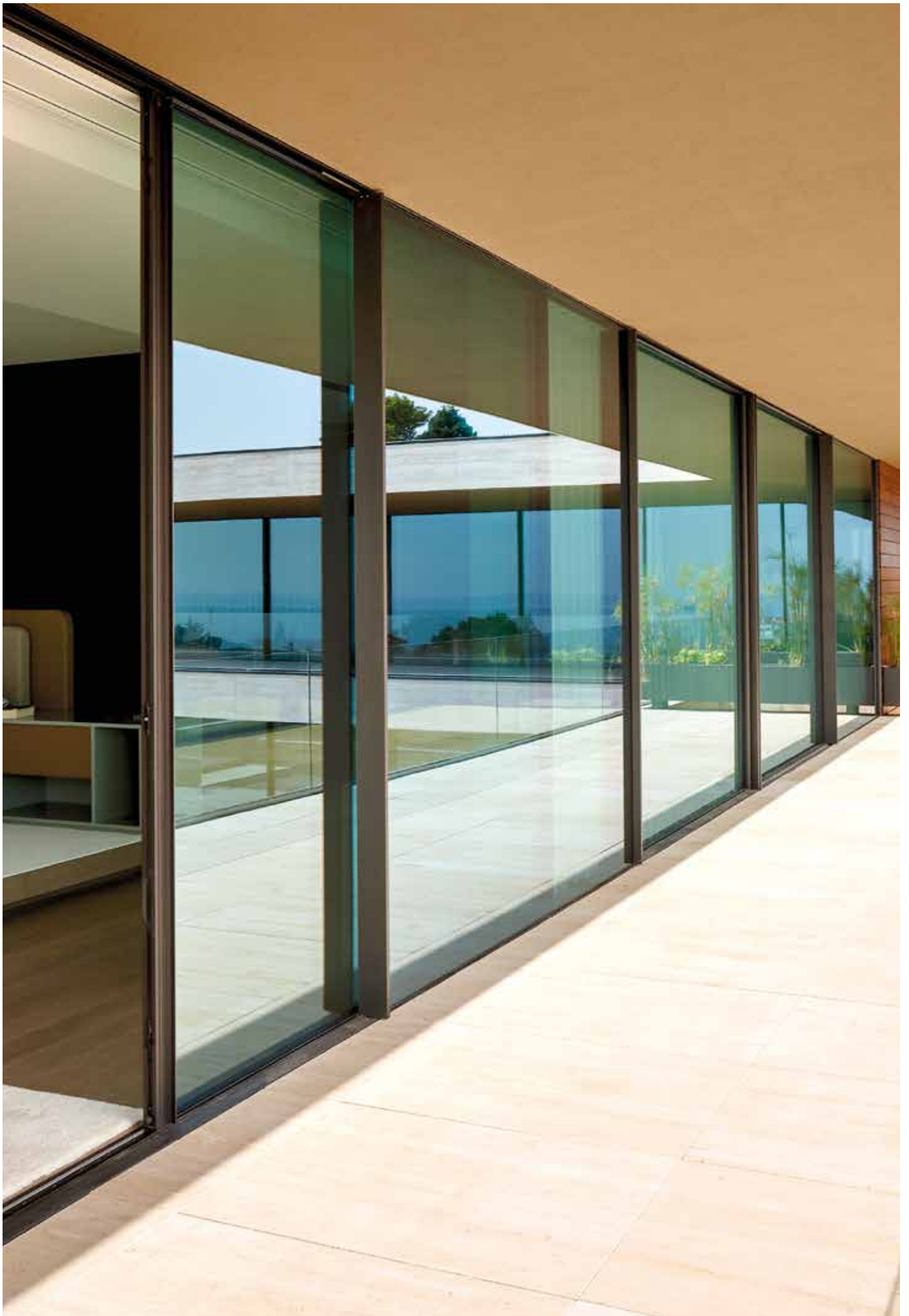
Aro Móvel Central
Perímetro: 0,26m

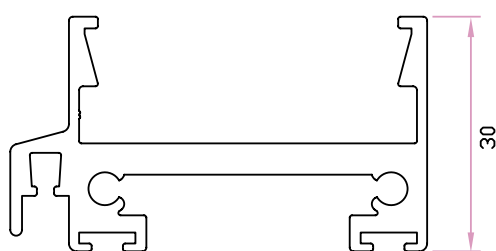


+K8017

Aro Móvel Central de 3/4 Folhas
Perímetro: 0,26m

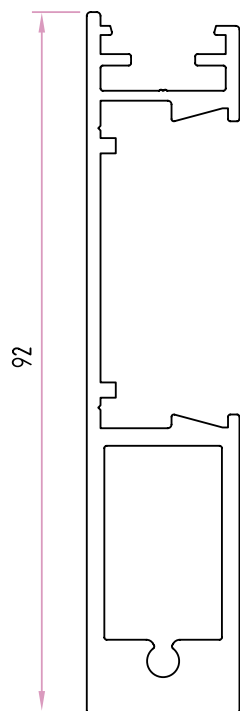






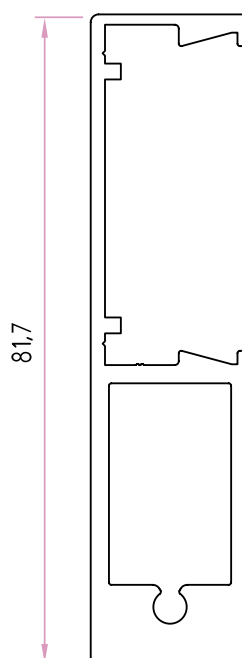
+K8019

Aro Móvel Pivotante
Perímetro: 0,30m



+K8020

Aro Móvel Vertical
Perímetro: 0,33m



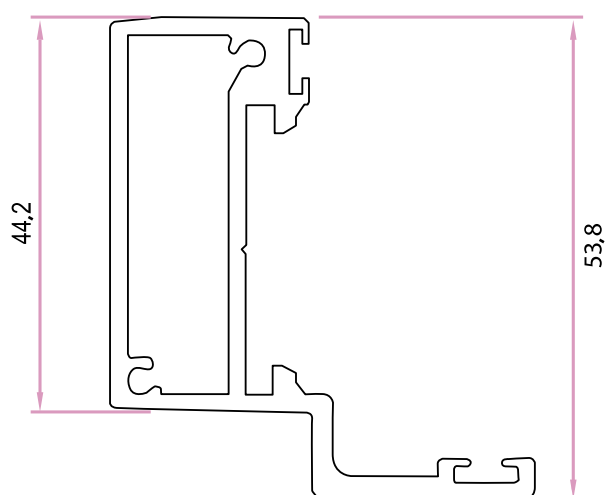
+K8021

Aro Móvel Vertical
Perímetro: 0,28m



+K8016

Perfil Complemetar de Aro Fixo
Perímetro: 0,20m



+K8022

Perfil Batente
Perímetro: 0,35m



Acessórios



VD.8002



PL.7090



VD.3094.6063



PL.3060.0014

Acessórios



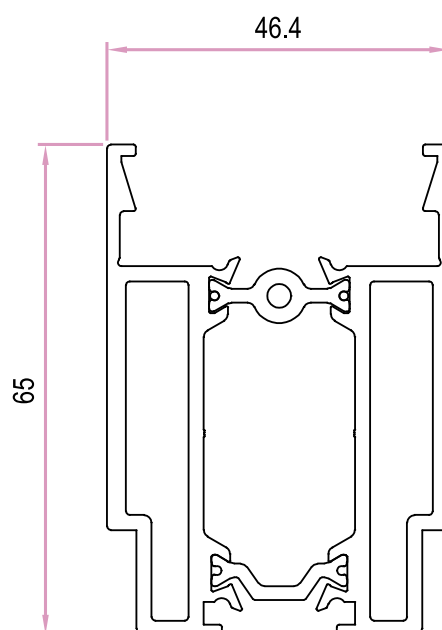
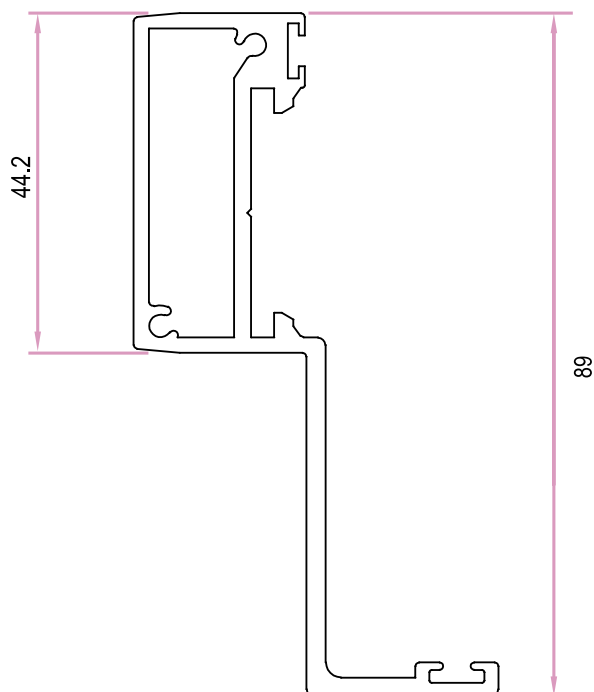
PX.5082



FE.3094.6091



FE.3094.6065 FE.3094.6093



+K8023

Perfil Batente
Perímetro: 0,40m

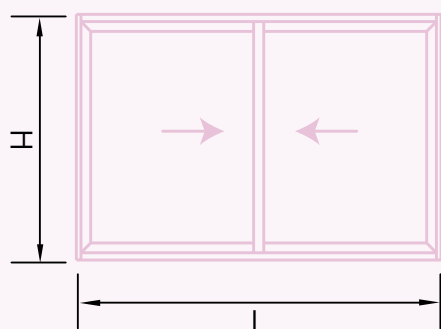
+K8024

Aro Móvel p/fechadura
Perímetro: 0,45m

Medidas de Corte

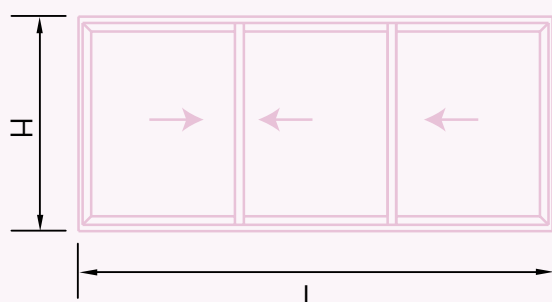
+K8000

Janela de Correr de 2 Folhas



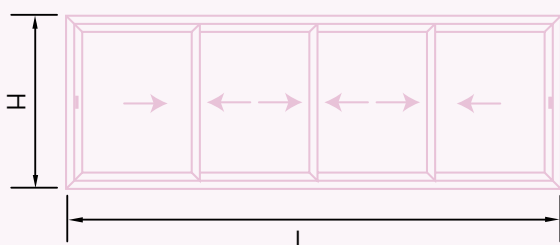
Perfil	Descrição	Corte	Quantidade	Medidas
+K8001	Aro Fixo		2	H ou L
+K8002	Aro Móvel		2	H-105
+K8003	Aro Móvel		2	H-106
+K8004	Perfil		4	H- 94 (L/2) - 60
+K8005	Perfil		2	L
+K8006	Perfil		2	H e L -68
+K8007	Perfil		4	H- 77 (L/2) - 62
+K8013	Perfil Tampa		1	H-49

Janela de Correr de 3 Folhas

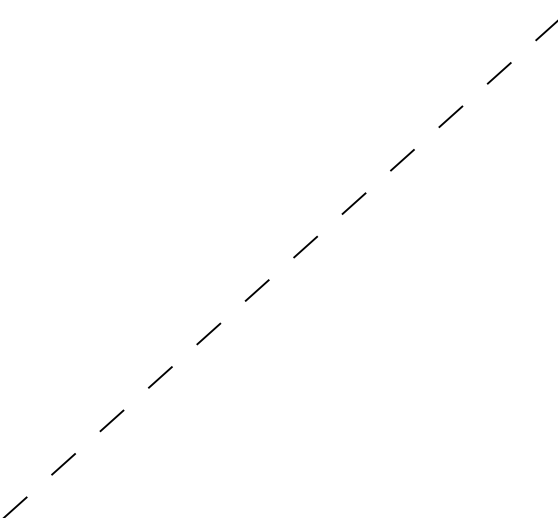


Perfil	Descrição	Corte	Quantidade	Medidas
+K8001	Aro Fixo		2	H ou L
+K8002	Aro Móvel		4	H-105
+K8003	Aro Móvel		2	H-106
+K8004	Perfil		4	H- 94 (L/2) - 60
+K8005	Perfil		2	L
+K8006	Perfil		2	H e L -68
+K8007	Perfil		6	H- 77 (L/3) - 37,5
+K80013	Perfil Tampa		2	H-49

Janela de Correr de 4 Folhas

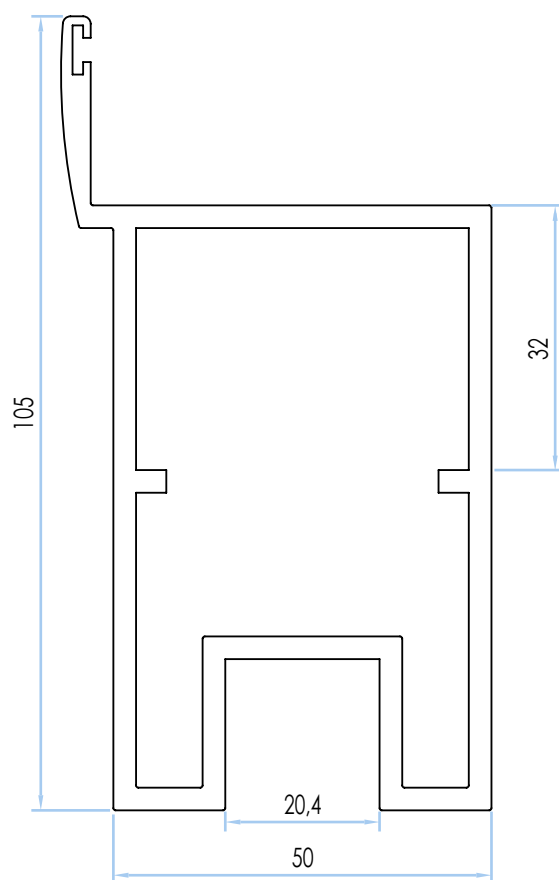


Perfil	Descrição	Corte	Quantidade	Medidas
+K8001	Aro Fixo		2	H ou L
+K8002	Aro Móvel		2	H-105
+K8012	Aro Móvel		2	H-105
+K8003	Aro Móvel		2	H-106
+K8004	Perfil		4	H- 94 (L/2) - 60
+K8005	Perfil		2	L
+K8006	Perfil		2	H e L - 68
+K8007	Perfil		8	H- 77 (L/4) - 25
+K8013	Perfil Tampa		2	H-49



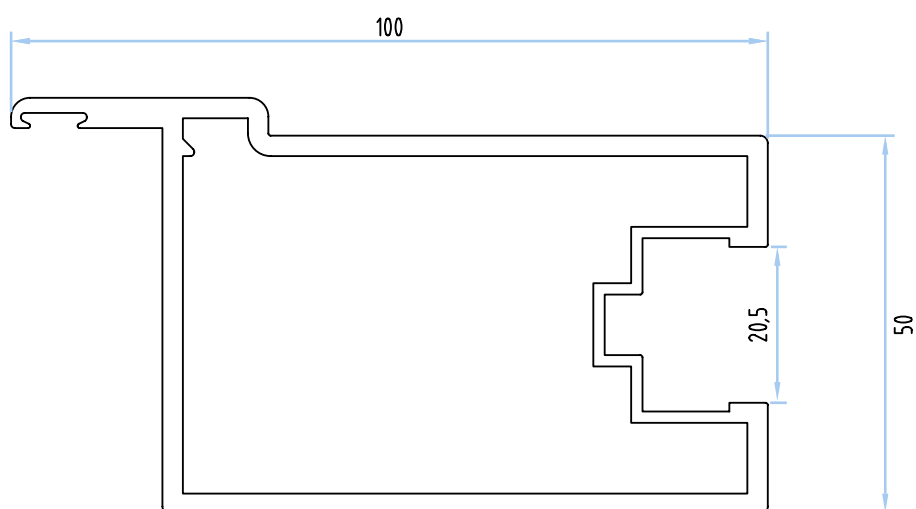
Série de Portões





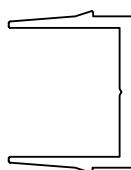
+TO1

Prumo Grande
Perímetro: 0,37m



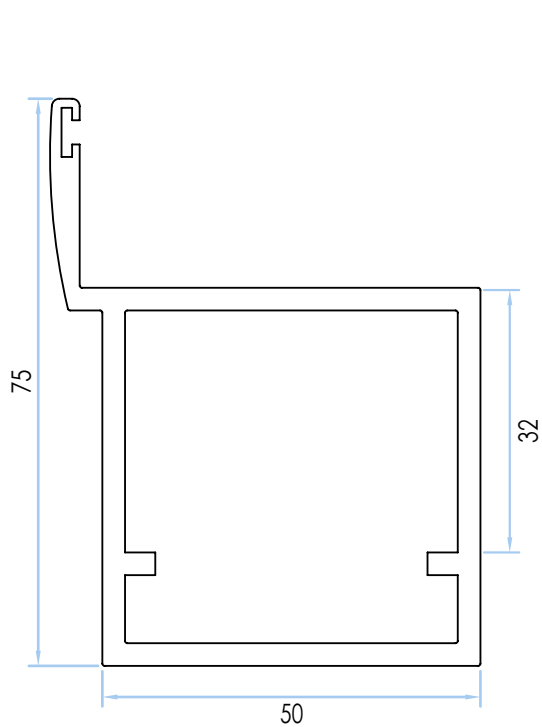
+T61

Prumo Grande
Perímetro: 0,35m



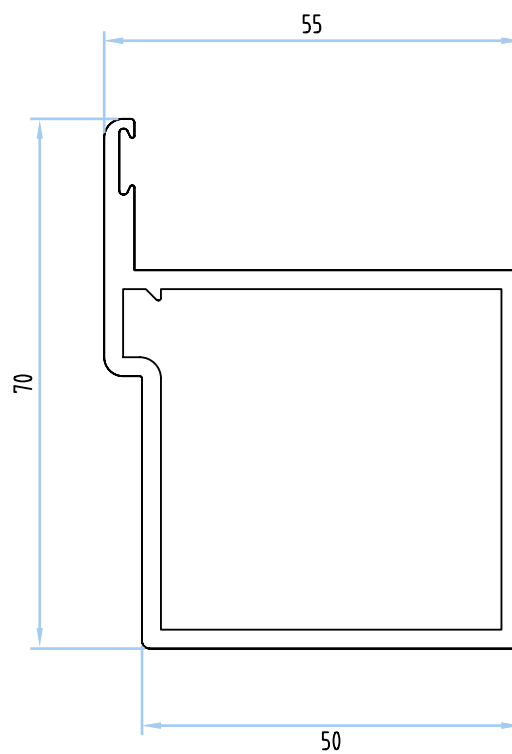
+T55

Tapa Canal
Perímetro: 0,10m



+TO2

Prumo Pequeno
Perímetro: 0,27m

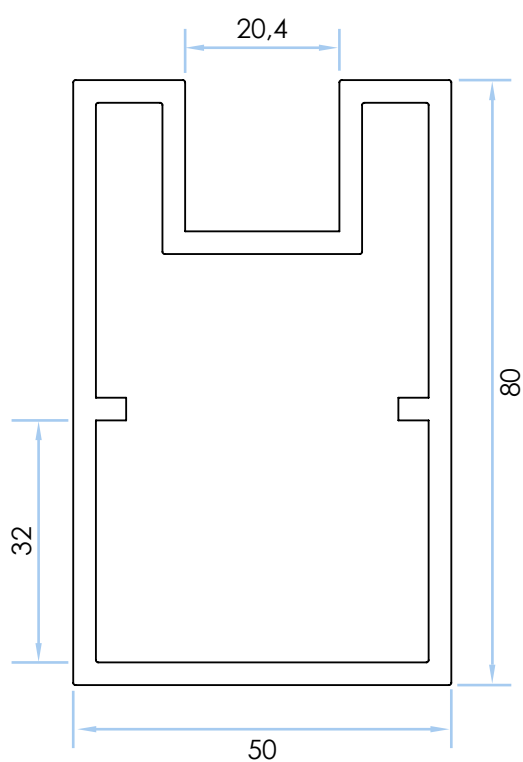


+T12

Prumo Pequeno
Perímetro: 0,25m

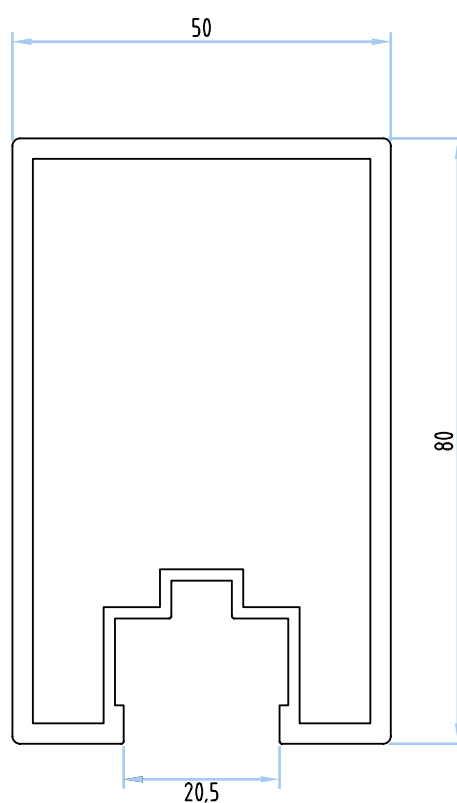


Série de Portões



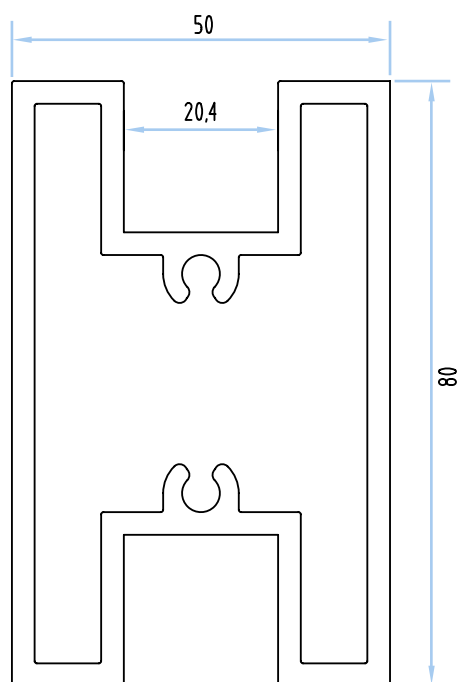
+T03

Travessa s/Furos
Perímetro: 0,30m



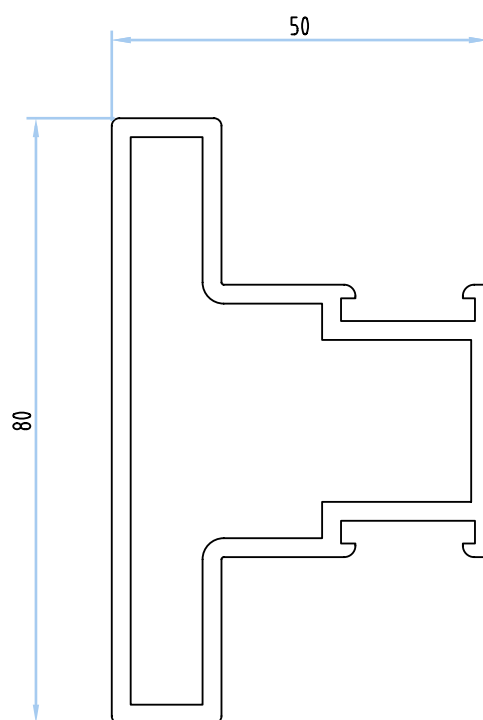
+T62

Travessa s/Furos
Perímetro: 0,30m



+TO4

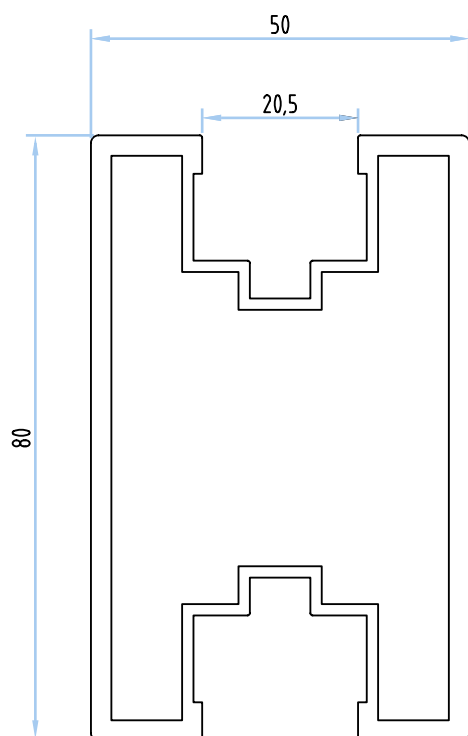
Travessa c/ Furos
Perímetro: 0,34m



+T14

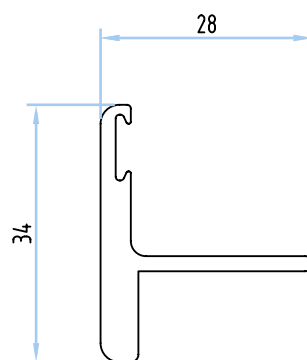
Travessa
Perímetro: 0,29m

Série de Portões



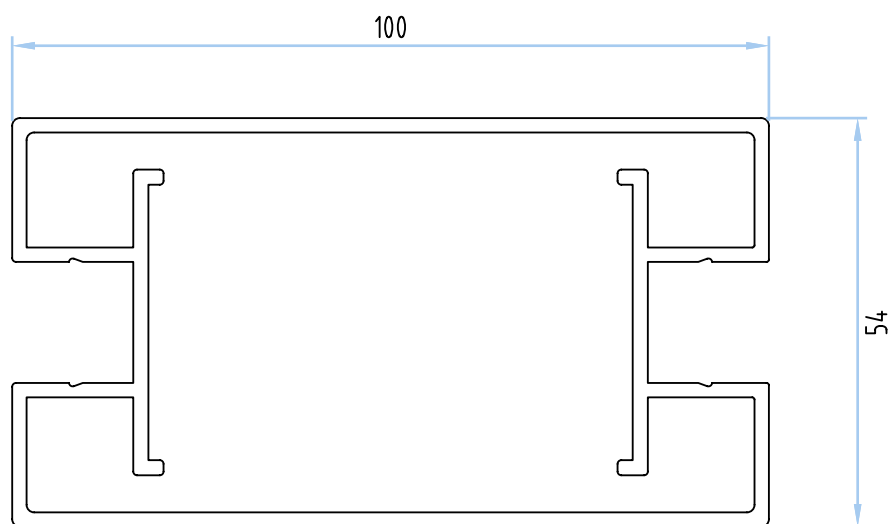
+T63

Travessa Central
Perímetro: 0,38m



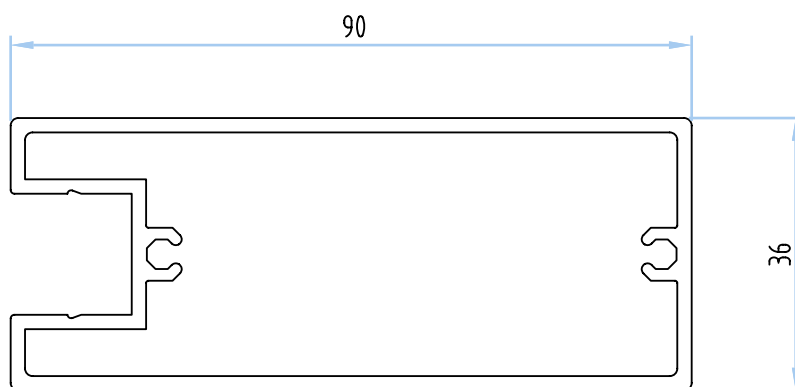
+T15

Batente
Perímetro: 0,13m



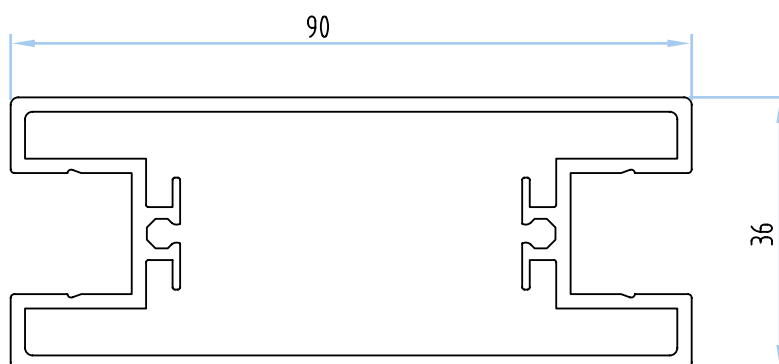
+T31

Prumo Vertical
Perímetro: 0,36m



+T32

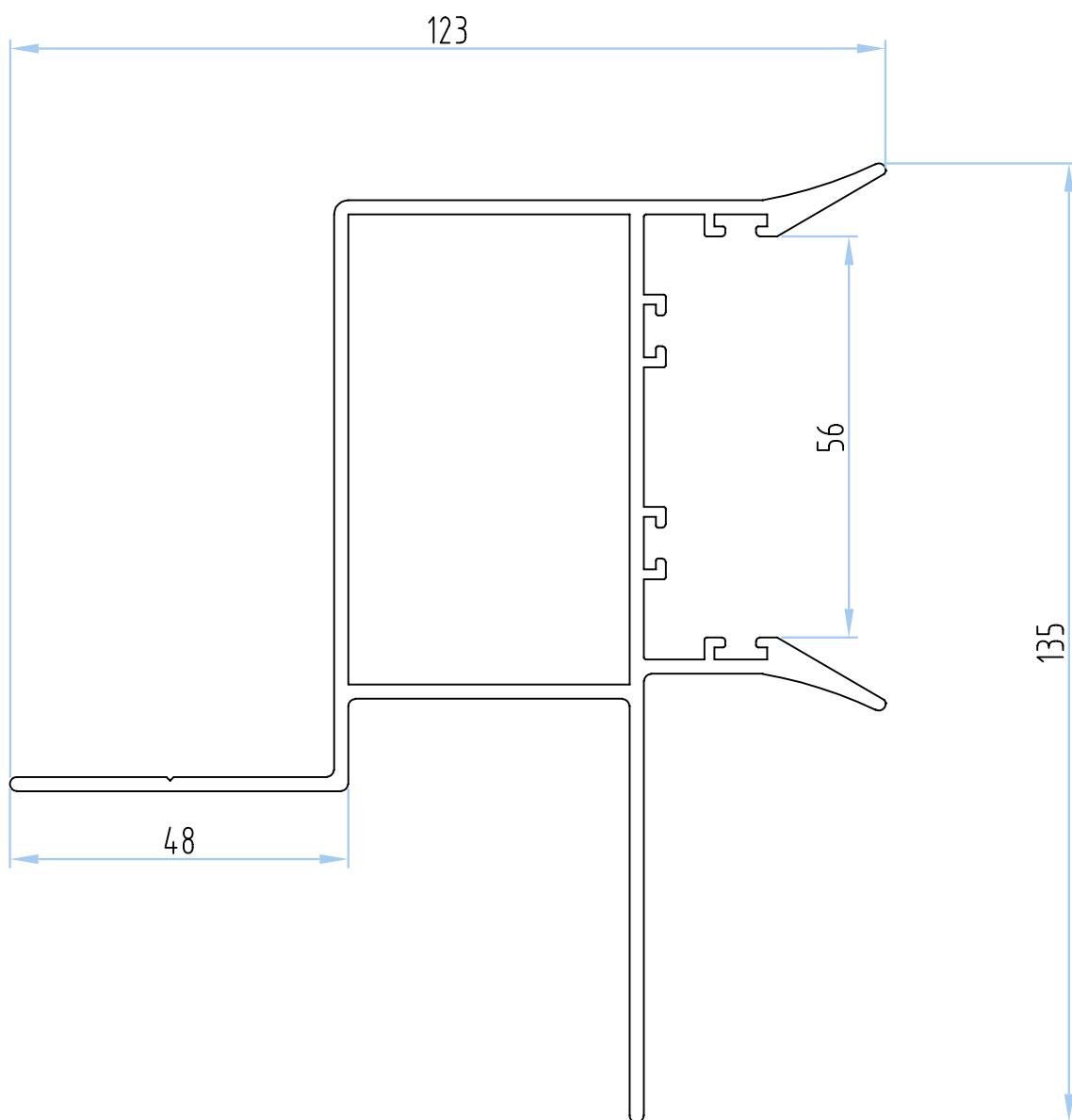
Travessa
Perímetro: 0,27m



+T33

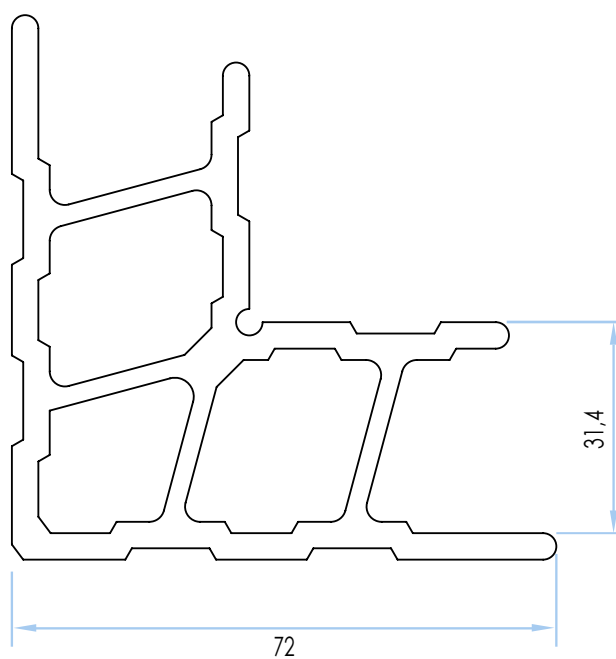
Travessa Central
Perímetro: 0,31m

Série de Portões



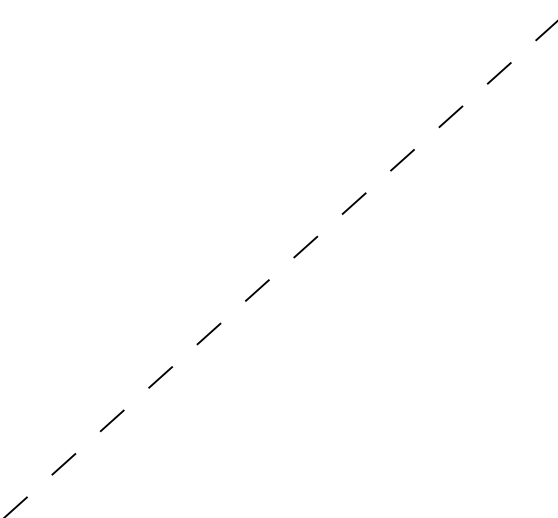
+T10

Guia Batente
Perímetro: 0,63m



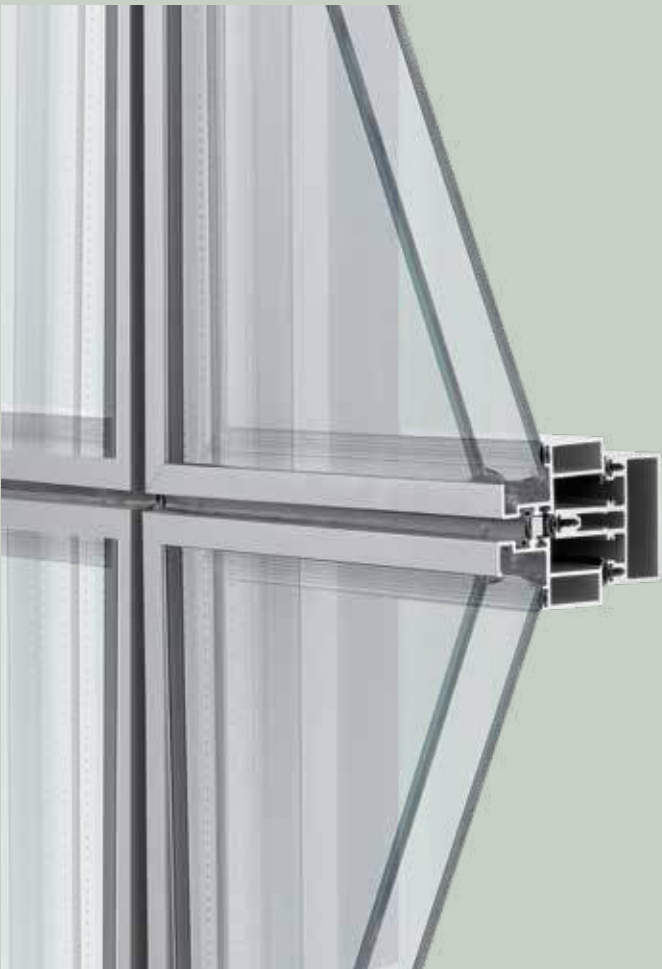
+A1026

Esquadro
Perímetro: 0,36m



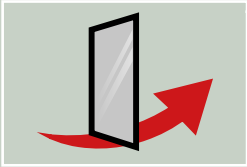
Série Fachada





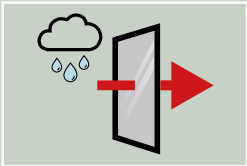
Fachada

Categorias alcançadas na avaliação do sistema FL-Semi Estrutural numa fachada de 2840mm x 6230mm com projectante:



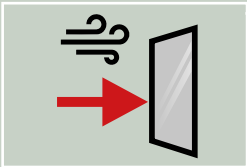
Permeabilidade ao Ar

R4
Classe
(norma de ensaio EN 12153:2000); EN 12152:2000)



Estanquidade à Água

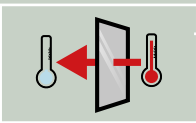
R6
Classe
(norma de ensaio EN 12155:2000); EN 12154:2000)



Resistência ao Vento

1500Pa
Classe
(norma de ensaio EN 12179:2000); EN 13116:2001)

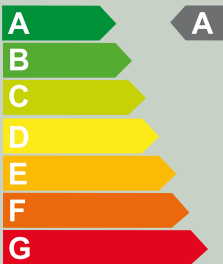
Coeficiente de Transmissão Térmica



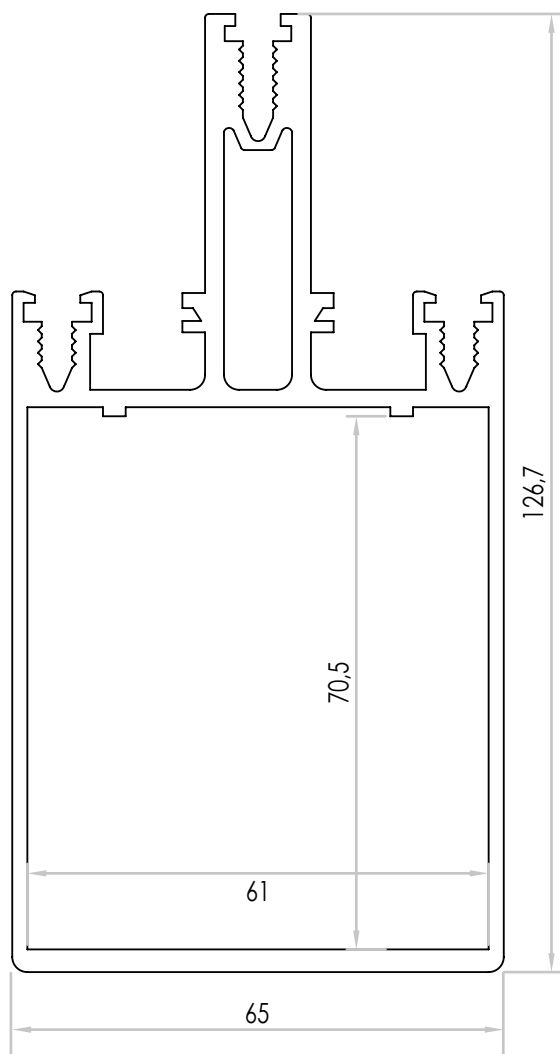
Transmissão Térmica Uw:

1.0 W/m²K

Sistema de Etiquetagem Energética de Produtos

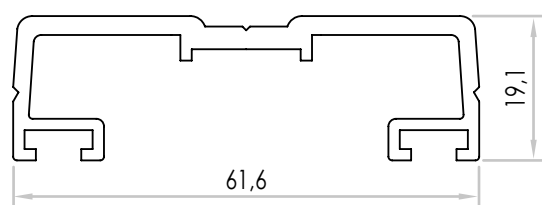


Acessórios



+FO1

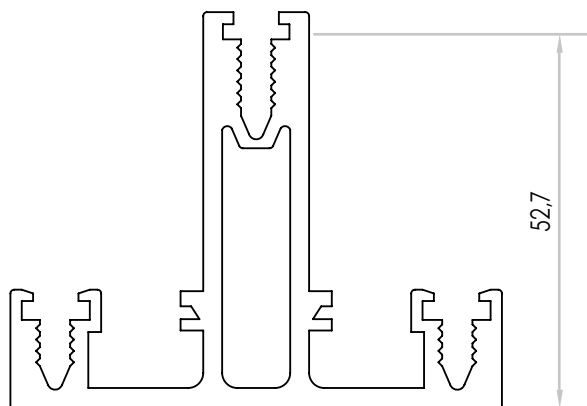
Prumo
Perímetro: 0,56m



+FO3

Perfil de Fixação
Perímetro: 0,27m

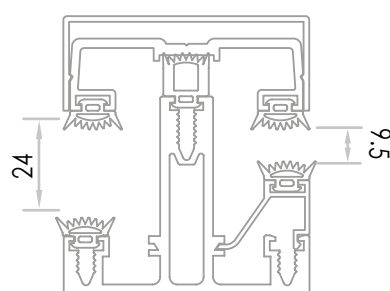
Série Fachada



Acessórios

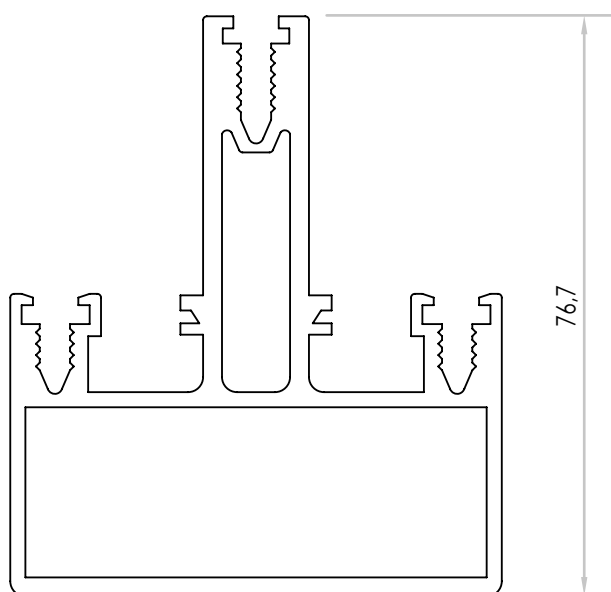


VD.P966 VD.P965

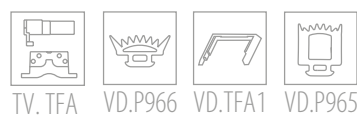


+F11

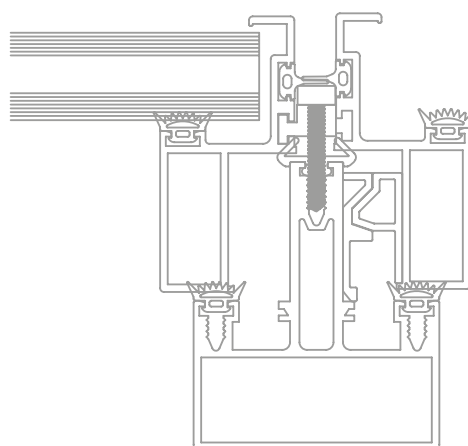
Travessa Baixa
Perímetro: 0,42m



Acessórios

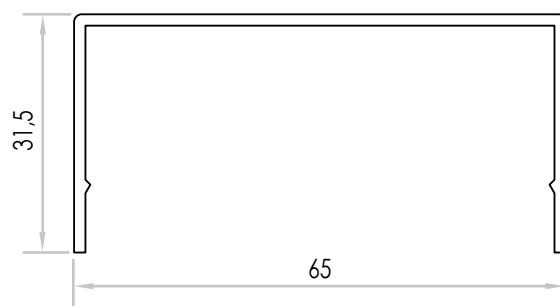


TV.TFA VD.P966 VD.TFA1 VD.P965



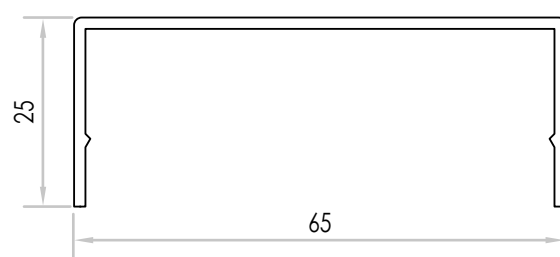
+FO2

Travessa
Perímetro: 0,46m



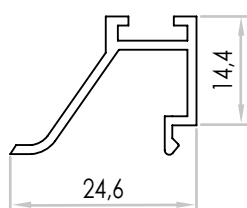
+FO4

Capa de Prumo
Perímetro: 0,23m



+FO5

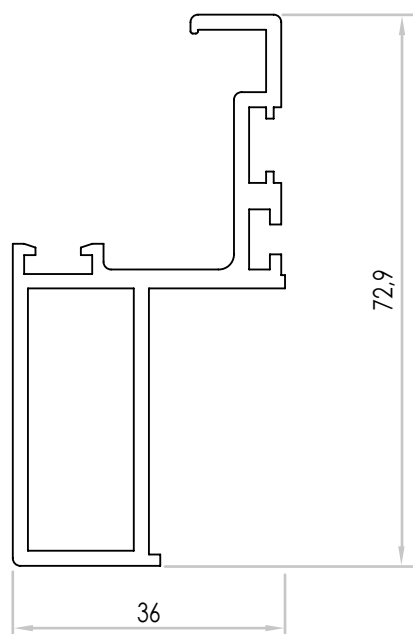
Capa De Travessa
Perímetro: 0,25m



+FO6

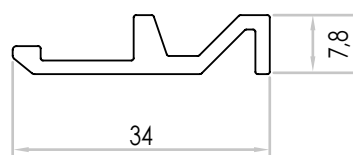
Bite
Perímetro: 0,12m

Série Fachada



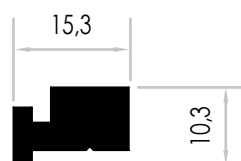
+FO7

Semi-Estrutura
Perímetro: 0,29m



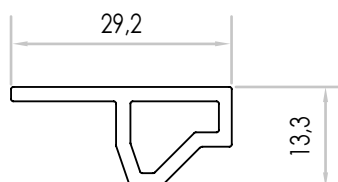
+FO8/A

Complementar de Fixação
Perímetro: 0,10m



+FO8

Complementar de Fixação
Perímetro: 0,06m

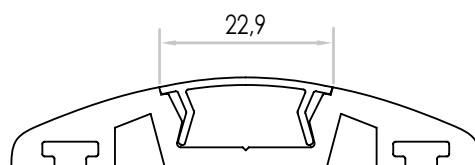


+FO8/B

Complementar de Fixação
Perímetro: 0,08m

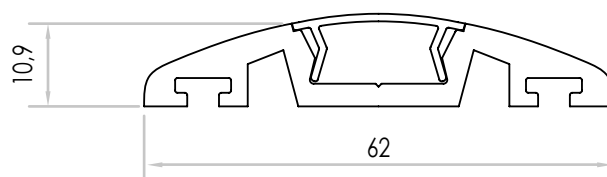


Série Fachada



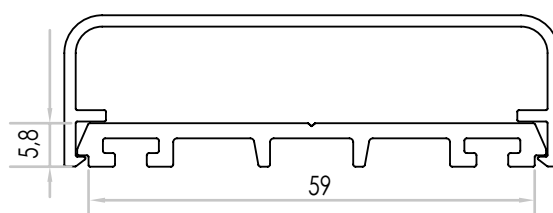
+S2053

Perfil de Fixação
Perímetro: 0,10m



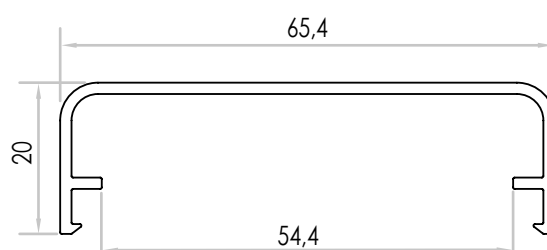
+S2052

Perfil de Fixação
Perímetro: 0,20m



+S2054

Perfil de Fixação
Perímetro: 0,18m



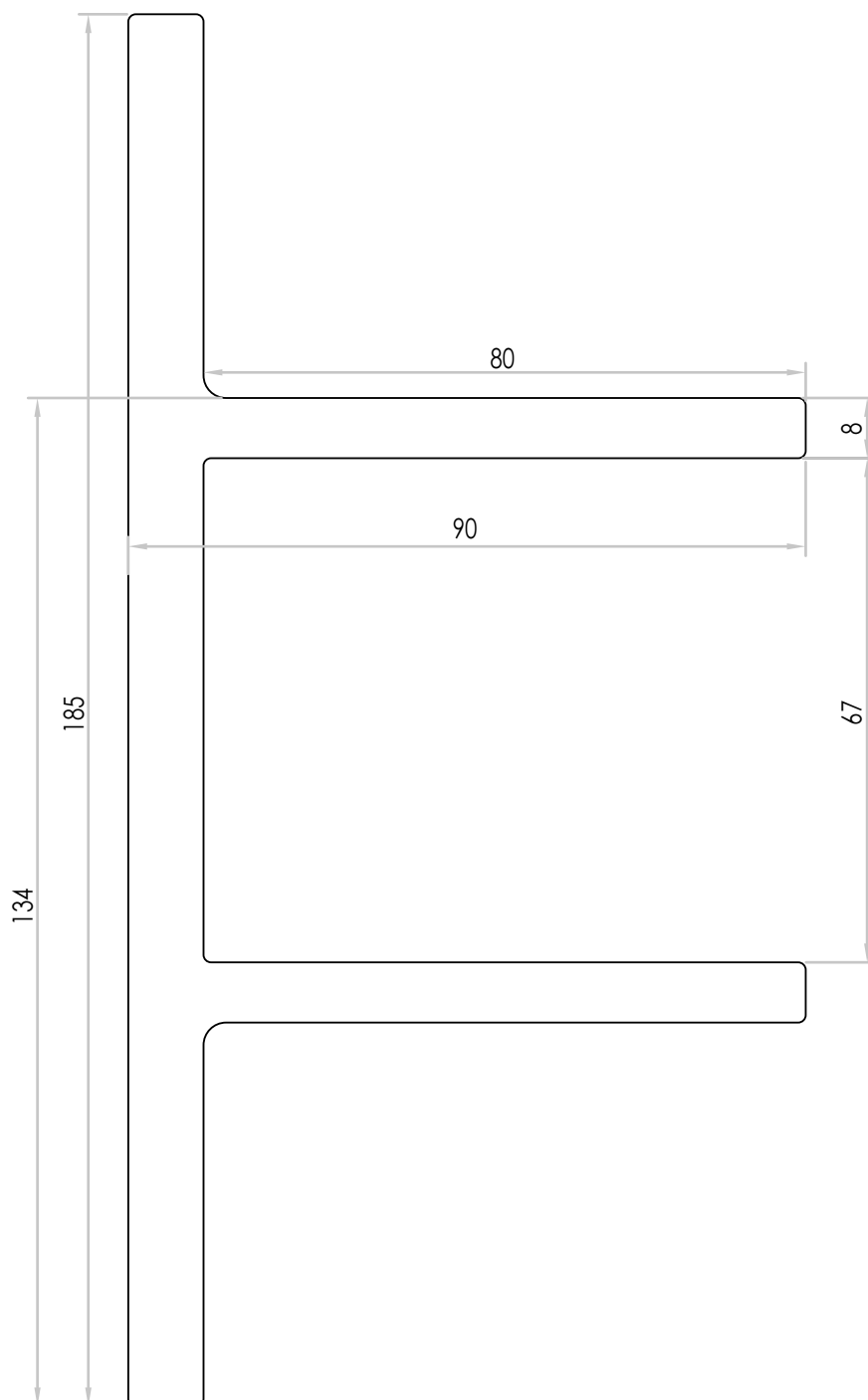
+S2051

Capa
Perímetro: 0,22m



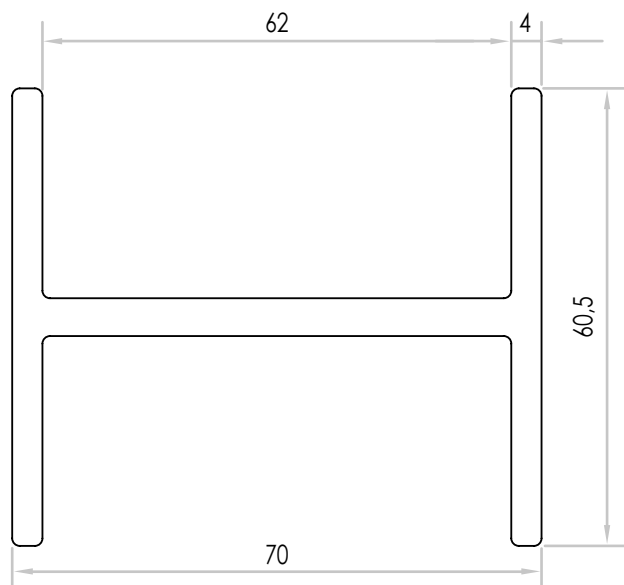


Série Fachada



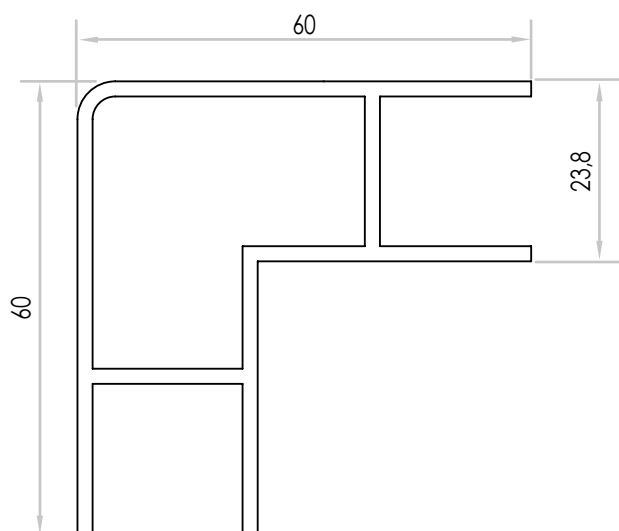
+FO9

Fixação de Prumo
Perímetro: 0,70m



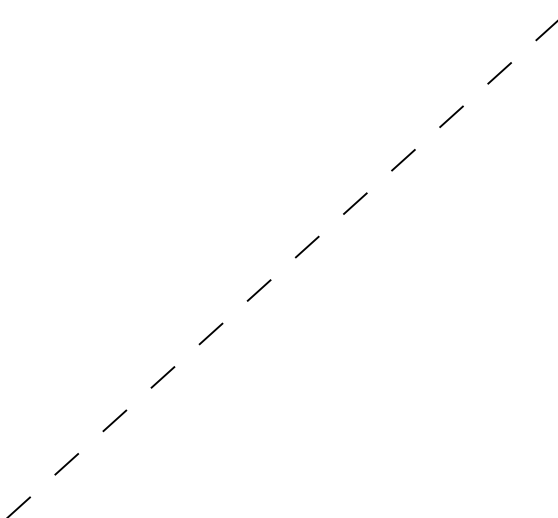
+S4004

União de Prumos
Perímetro: 0,18m



+F10

Canto
Perímetro: 0,32m

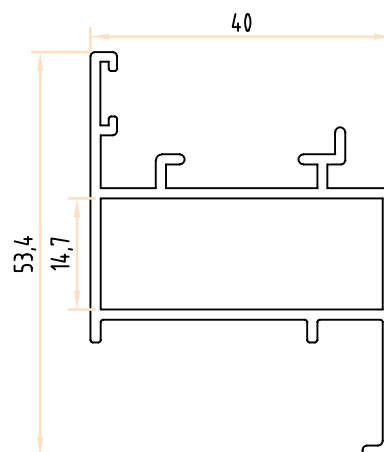
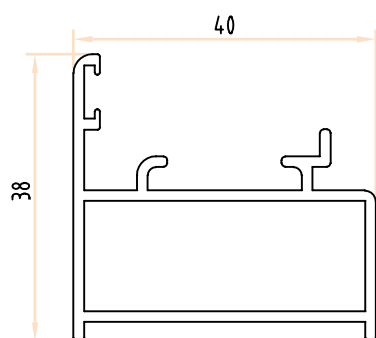
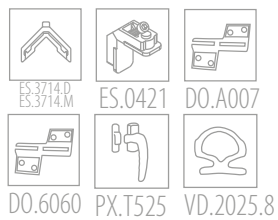


Série Portada



Série Portada

Acessórios

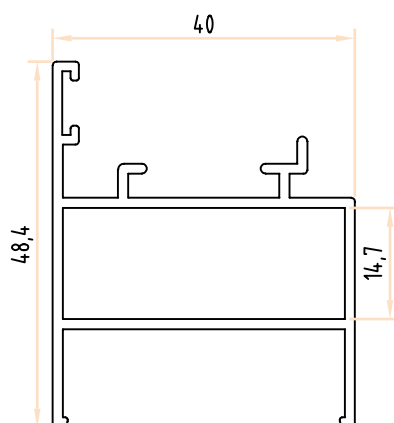


+PO1

Aro Pequeno
Perímetro: 0,21m

+P16

Aro Pequeno c/Remate
Perímetro: 0,25m



+P11

Aro Médio
Perímetro: 0,25m

Acessórios



ES.3714.D



ES.0421



DO.A007



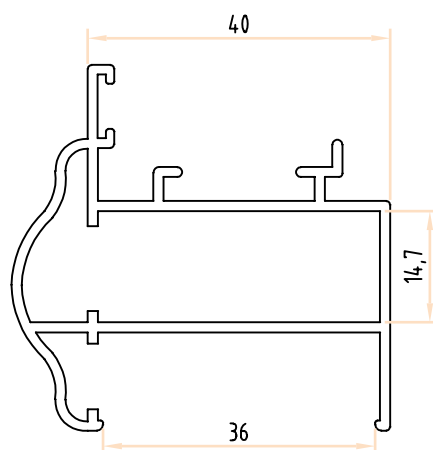
DO.6060



PX.T525



VD.2025.8



+P15

Aro Rústico
Perímetro: 0,28m

Acessórios



ES.3714.D



ES.0421



DO.A007



DO.6060



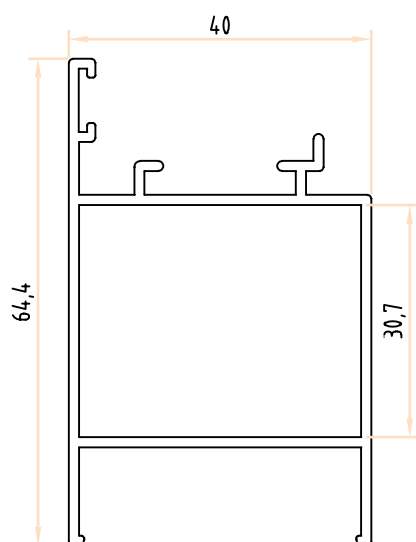
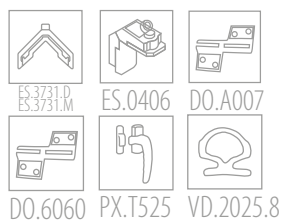
PX.T525



VD.2025.8

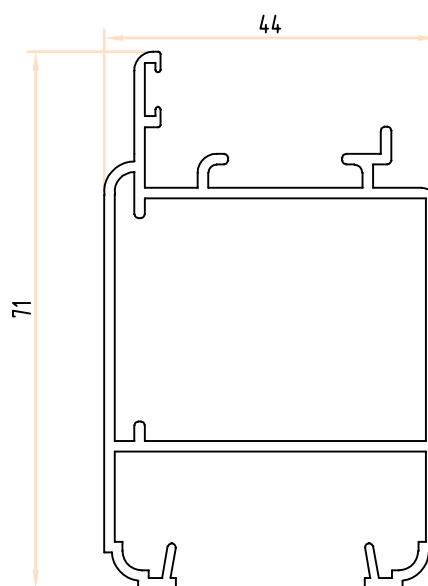
Série Portada

Acessórios



+P22

Aro Grande
Perímetro: 0,29m



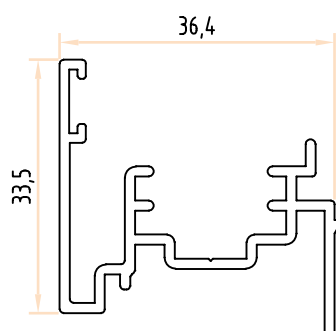
+P25

Aro Grande
Perímetro: 0,36m

Acessórios

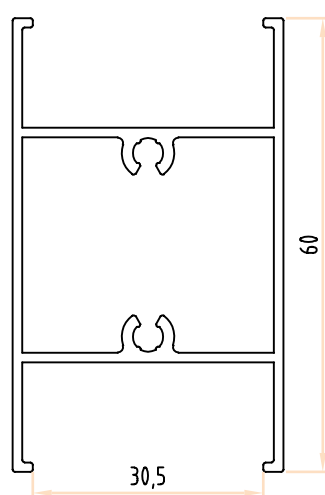


TP.0676



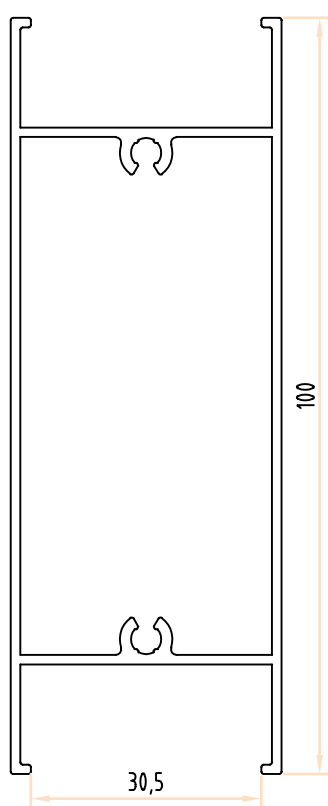
+P10

Inversor
Perímetro: 0,28m



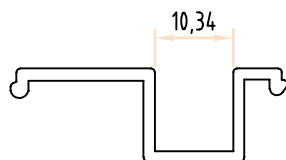
+P13

Travessa Pequena
Perímetro: 0,26m



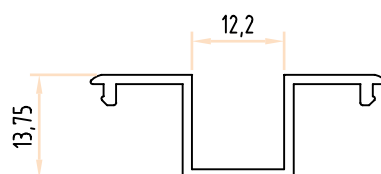
+P23

Travessa Grande
Perímetro: 0,34m



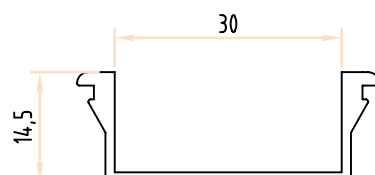
+A1086

Redutor
Perímetro: 0,13m



+P14

Redutor
Perímetro: 0,14m

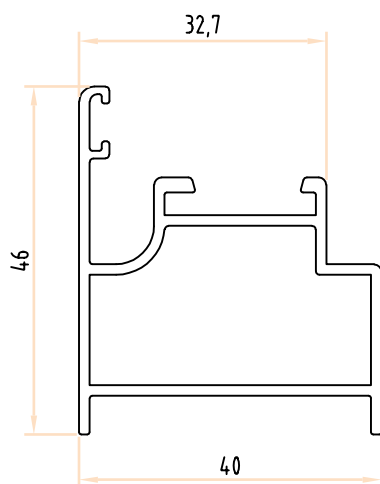
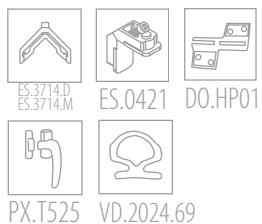


+P12

Redutor
Perímetro: 0,13m

Série Portada

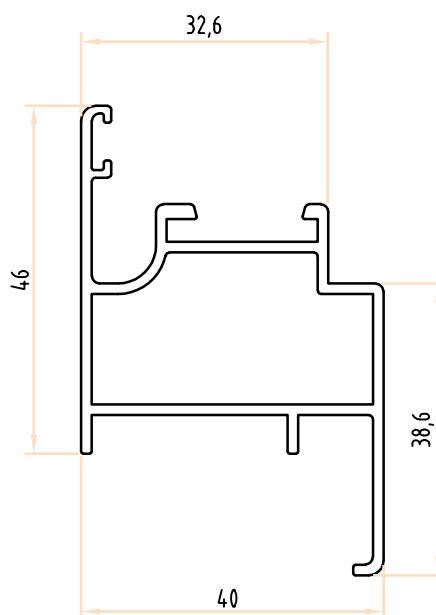
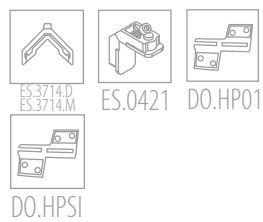
Acessórios



+P3992

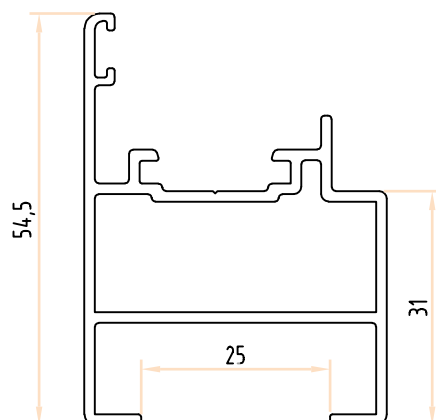
Aro Pequeno
Perímetro: 0,23m

Acessórios

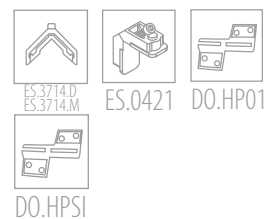


+P6448

Aro Pequeno c/ Remate
Perímetro: 0,26m

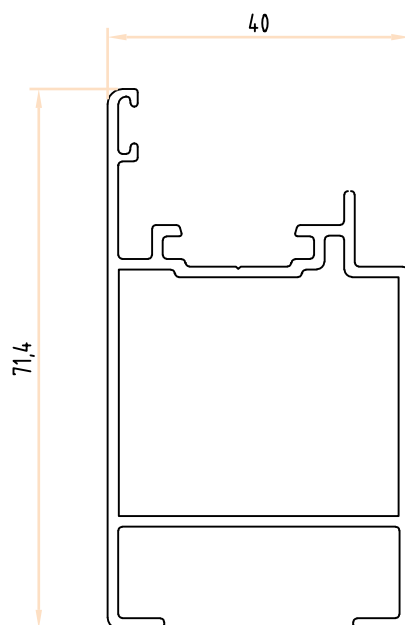


Acessórios

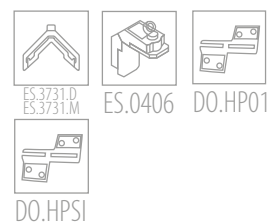


+P4114

Aro Pequeno
Perímetro: 0,29m



Acessórios



+P6926

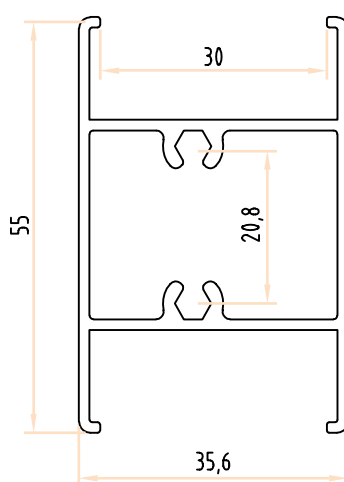
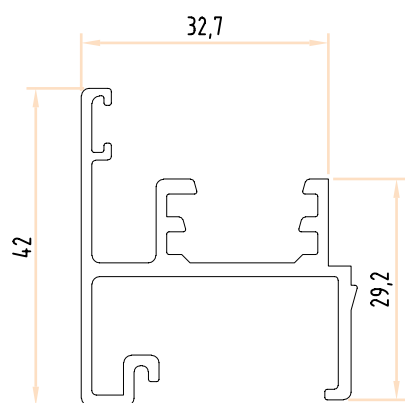
Aro Grande
Perímetro: 0,32m

Série Portada

Acessórios



TP.0894.P

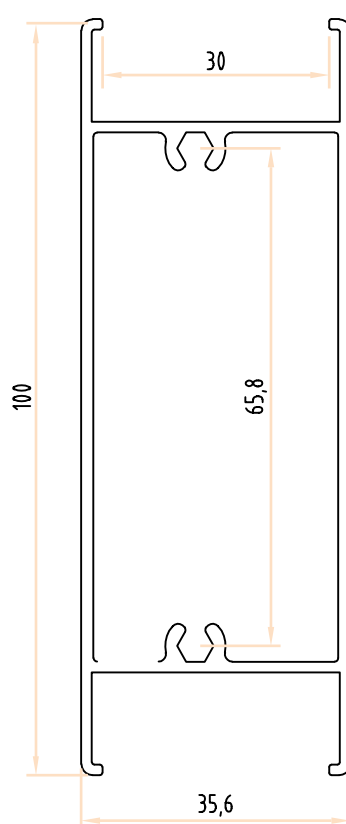


+P3995

Inversor
Perímetro: 0,29m

+P3996

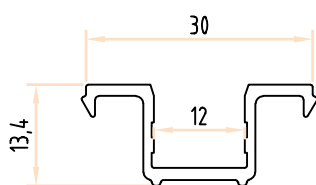
Travessa Pequena
Perímetro: 0,25m



+P4000

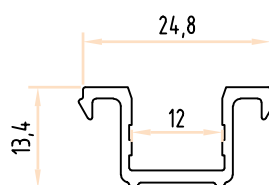
Travessa Grande
Perímetro: 0,34m

Série Portada



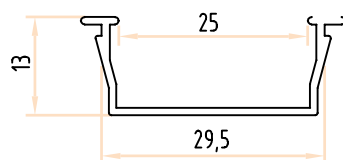
+P4426

Redutor
Perímetro: 0,12m



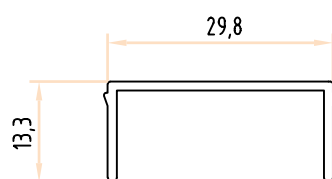
+P4236

Redutor
Perímetro: 0,11m



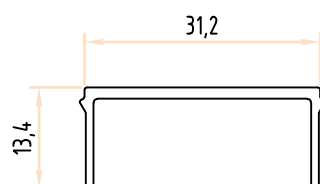
+PO823

Redutor
Perímetro: 0,12m



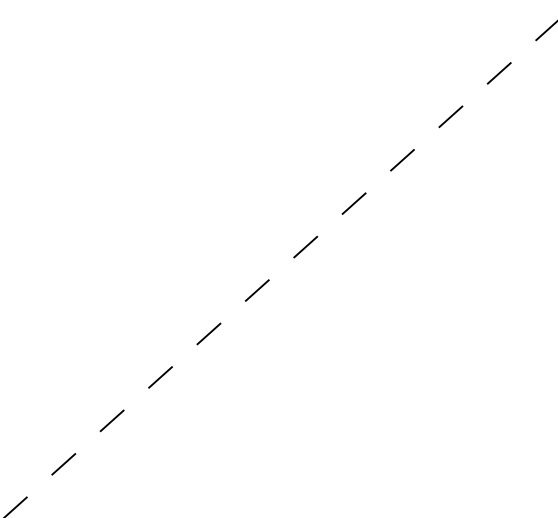
+PO834

Tampa
Perímetro: 0,11m

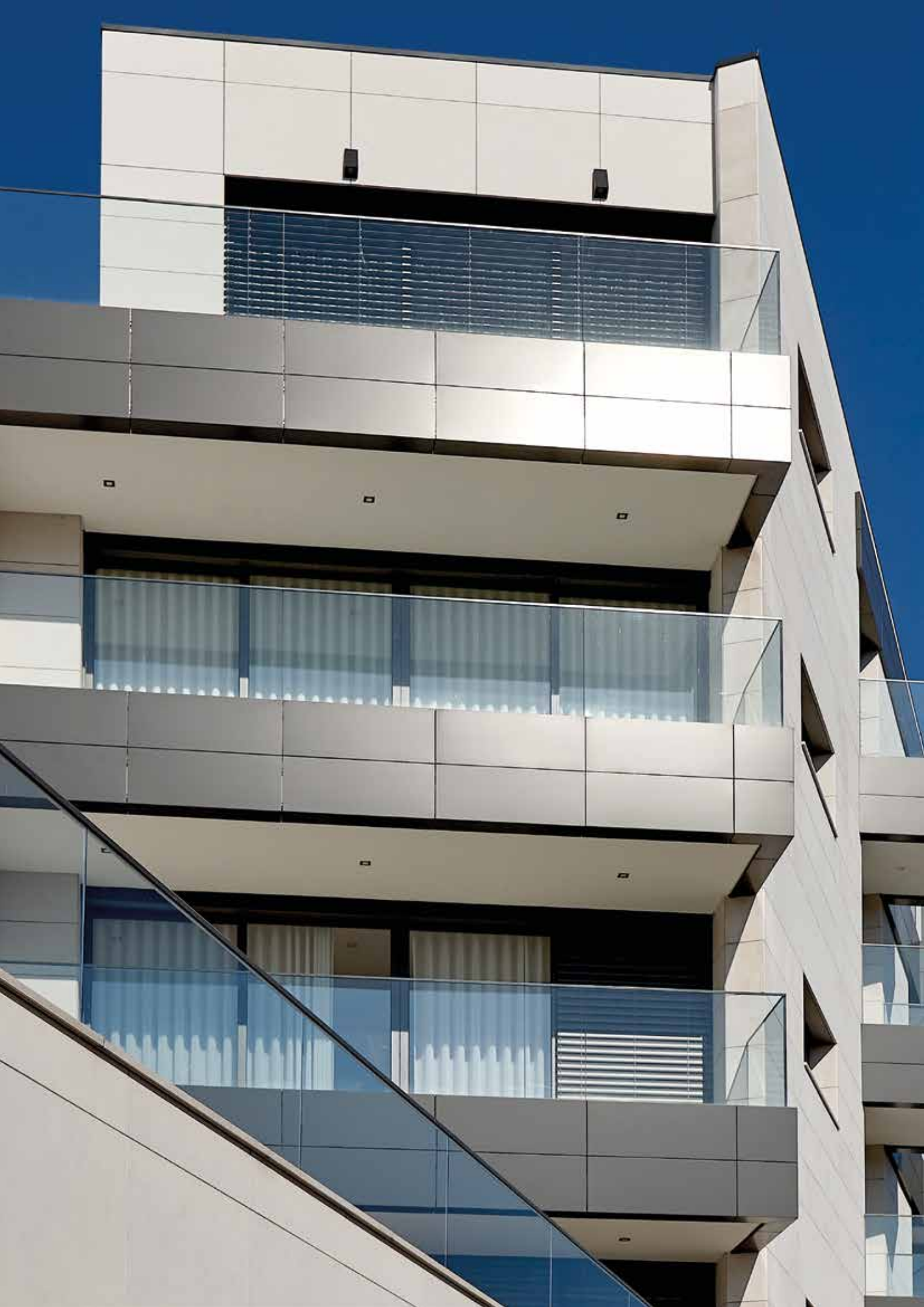


+P4065

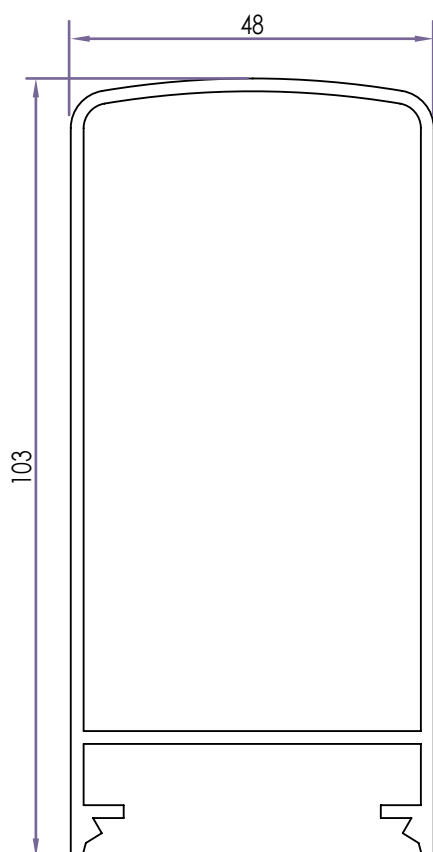
Tampa
Perímetro: 0,12m



Série Corrimões

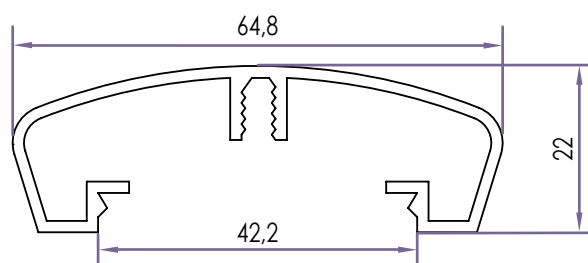


Série Corrimões



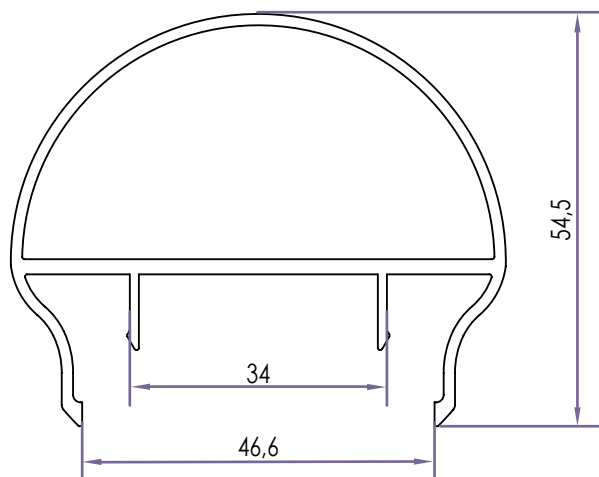
+V1002

Corrimão
Perímetro: 0,35m



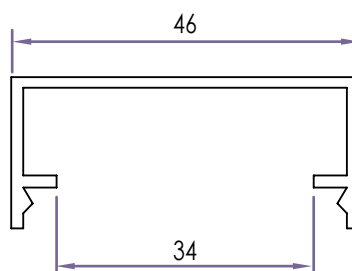
+V1001

Corrimão
Perímetro: 0,29m



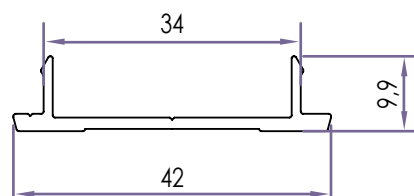
+V1012

Corrimão
Perímetro: 0,30m



+V1006

Corrimão
Perímetro: 0,19m



+V1007

Tampa de Corrimão
Perímetro: 0,12m

Série Corrimões

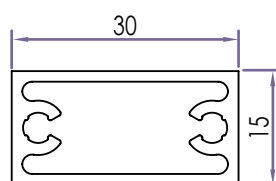
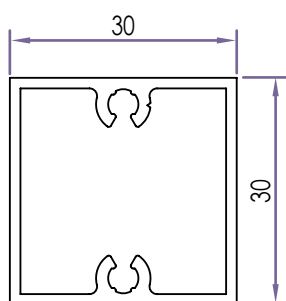
Acessórios



PT.3030



SA.3030

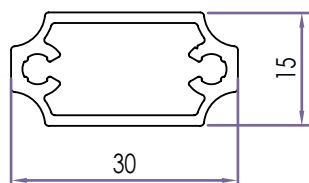


+V1005

Prumo
Perímetro: 0,12m

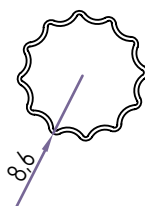
+V1004

Prumo
Perímetro: 0,09m



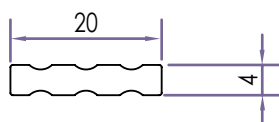
+V1008

Prumo
Perímetro: 0,08m



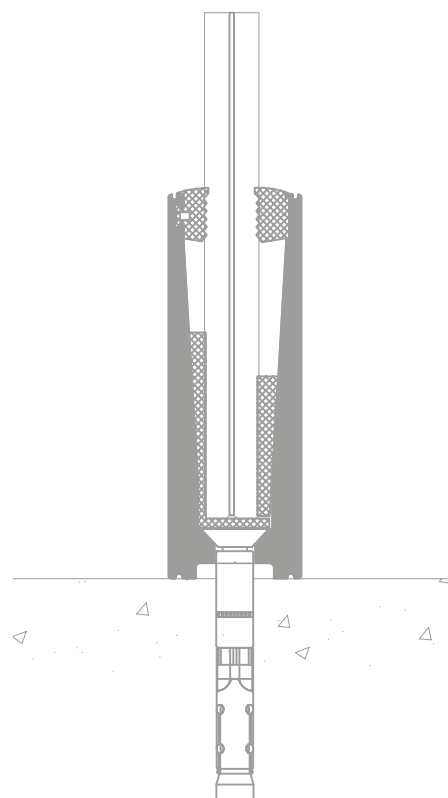
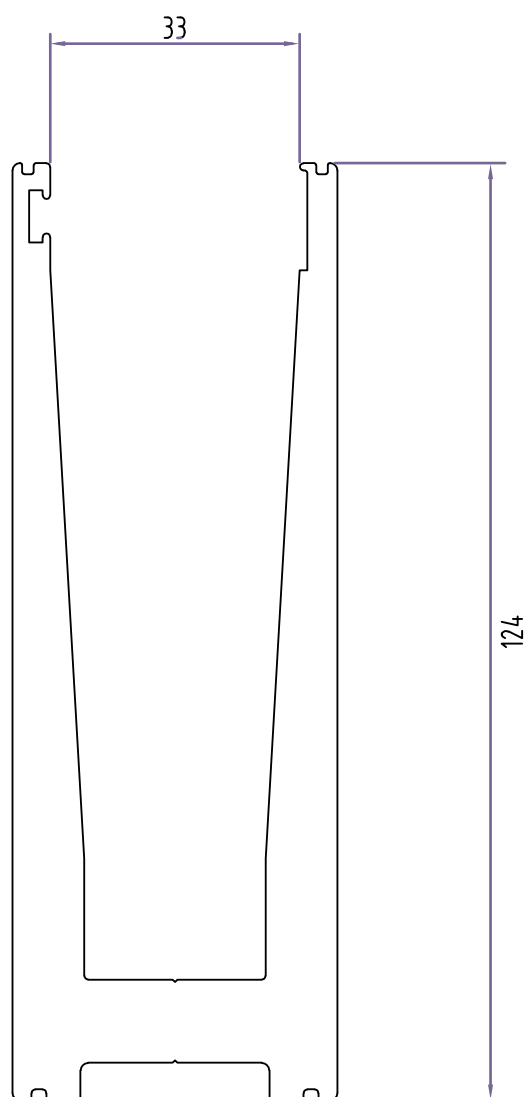
+V1003

Prumo
Perímetro: 0,12m



+S2103

Perfil de Gradeamentos
Perímetro: 0,05m

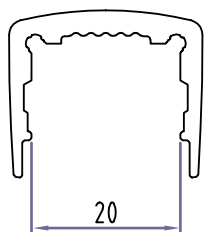


F.100.001

Porta de Vidro
Perímetro: 0,57m

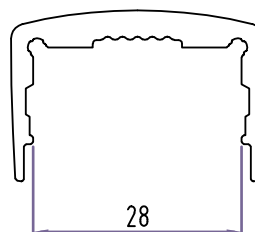


Série Corrimões



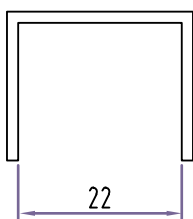
F.100.008

Calha p/Vidro
Perímetro: 0,14m



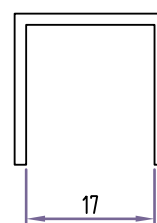
F.100.009

Calha p/Vidro
Perímetro: 0,15m



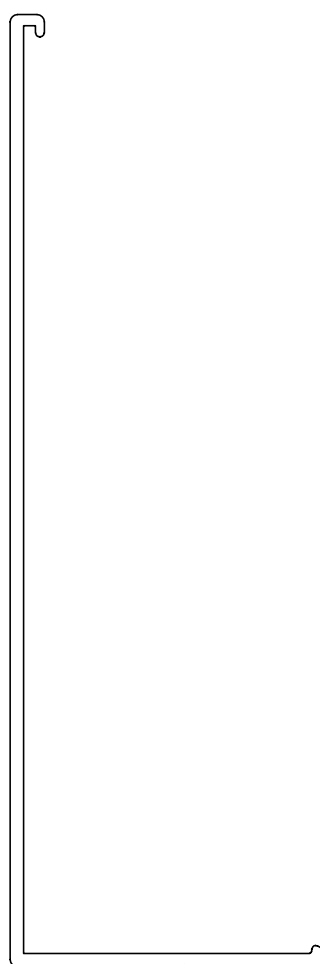
D.008.019

Calha p/Vidro
Perímetro: 0,13m



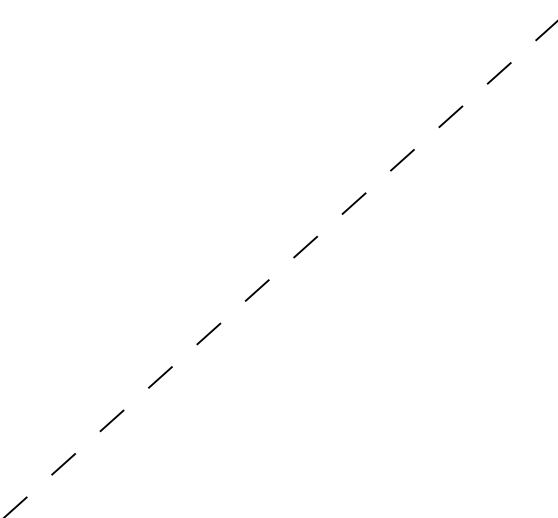
D.008.015

Calha p/Vidro
Perímetro: 0,12m



F.100.002

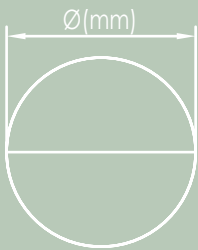
Tampa
Perímetro: 0,35m



Perfis Standards



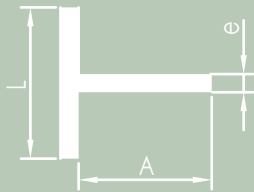
Standard



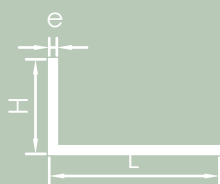
Ø (mm)	Referência
6	+S3000
6,5+	+S3001
8+	+S3005
12	+S3012
25	+S3025
30	+S3030
40	+S3040
45	+S3045



Largura	Espessura	Referência
13	3+	+S2113
20	3	+S2100
20	4	+S2101
20	5	+S2102
25	10	+S2107
30	16	+S2108
40	20	+S2110
80	10	+S2114
100	10	+S2140
150	15	+S2160



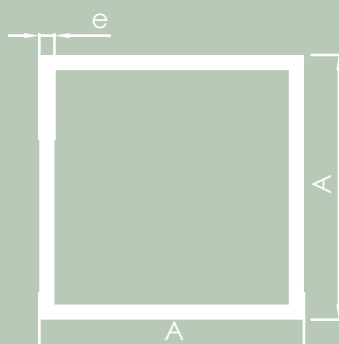
Largura	Altura	Espessura	Referência
25	25	2	+S2400
30	30	2	+S2410



Largura	Altura	Espessura	Referência
30	15	1,5	+S2300
40	20	1,6	+S2303
40	20	2	+S2302
45	25	2	+S2320
120	40	4,5	+S2325

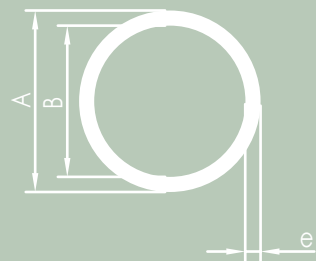


Largura	Espessura	Referência
15	1,5	+S2200
15	1,1	+S2200/A
20	1,1	+S2201/A
25	1,5	+S2205
25	2	+S2206
30	1,5	+S2210
40	3	+S2220
50	3	+S2230
50	4	+S2234



Largura	Espessura	Referência
12	1,5	+S3201
15	1,5	+S3202
19,5	1,5	+S3204
20	2	+S3206
25	1,5	+S3208
25	1,1	+S3208/A
30	1,5	+S3210
30	2	+S3210/A
35	2	+S3212
35	1,1	+S3212/A
40	1,6	+S3215
40	2	+S3215/A
50	2	+S3220
50	3	+S3221
60	2	+S3224
65	1,5	+S3225
75	1,5	+S3230
80	2	+S3235
85	2	+S3240
100	2	+S3250

Standard



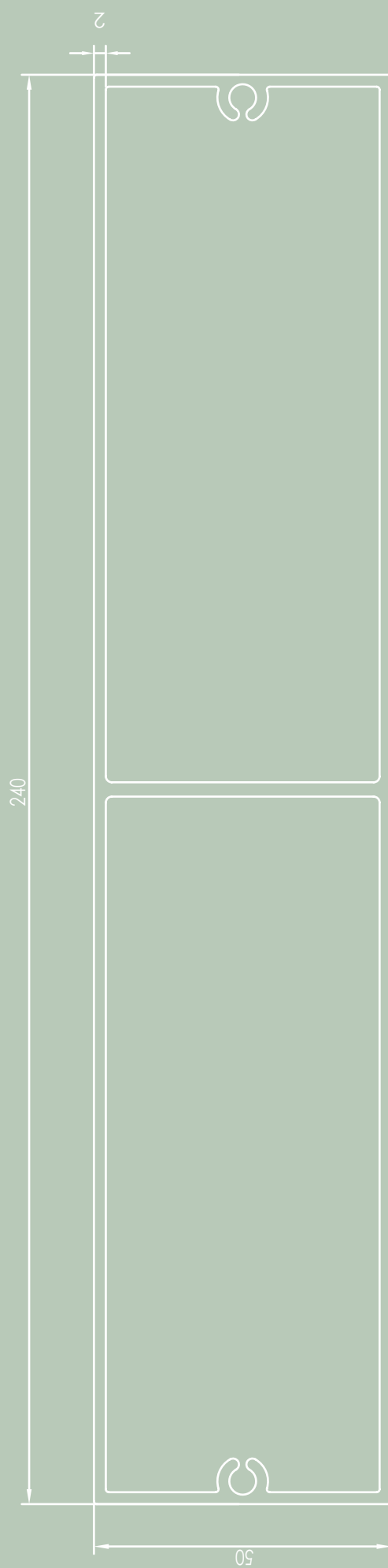
A-Ø ext.	B-Øint	Espessura	Referência
16	14	1	+S3104
16	13	1,5	+S3105
16	12	2+	+S3106
19	17	1	+S3107
19,2	16,2	1,5	+S3108
24	20	2	+S3114
25	21	2	+S3115
30	27,5	1,25	+S3118
30	24	3	+S3118/A
45	39	3+	+S3119
45	35	5+	+S3119/A
50	46	2	+S3120
50	47	1,5+	+S3120/A
60	56	2	+S3125
65	61	2	+S3130
65	57	4	+S3130/A

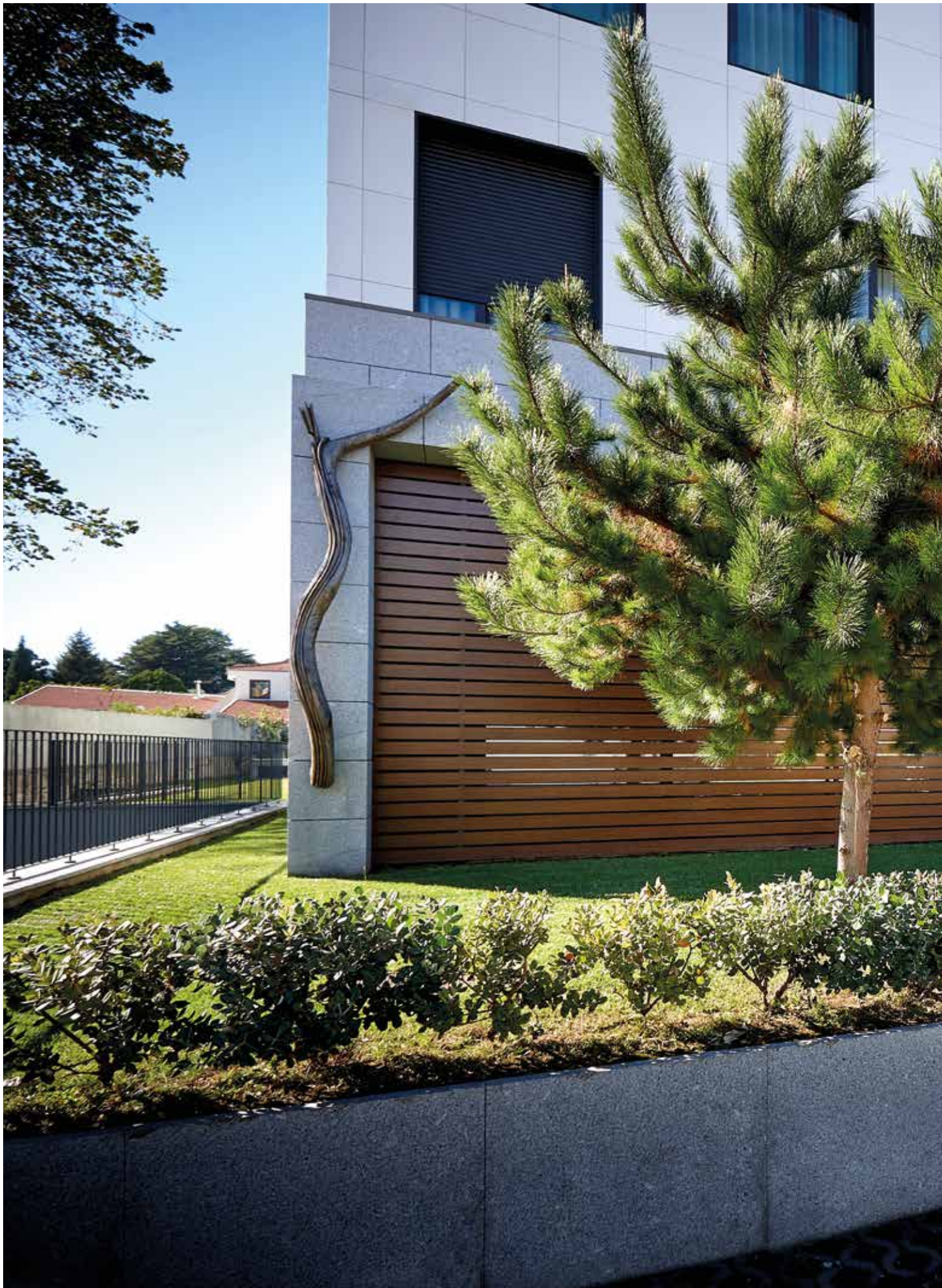


Largura	Altura	Espessura	Referência
15	30	1,5	+S3305
20	40	1,5	+S3310
20	40	2	+S3311
20	50	1,5	+S3314
20	60	2	+S3313
20	70	1,5	+S3315
20	80	1,5	+S3320
25	50	2	+S3316
25	50	1,5	+S3317
25	150	2	+S3340
30	60	2	+S3318
40	75	1,5	+S3325
40	80	1,5	+S3322
40	100	2	+S3329
40	120	2	+S1212
45	100	2	+S3330
50	80	3	+S3327
50	100	3	+S3333
50	170	2,7	+S3350

+S3360

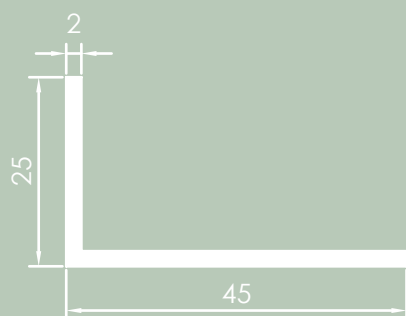
Tubo Rectangular 240x50
Perímetro: 0,58m











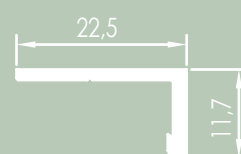
+S2320

Cantomeira
Perímetro: 0,14m



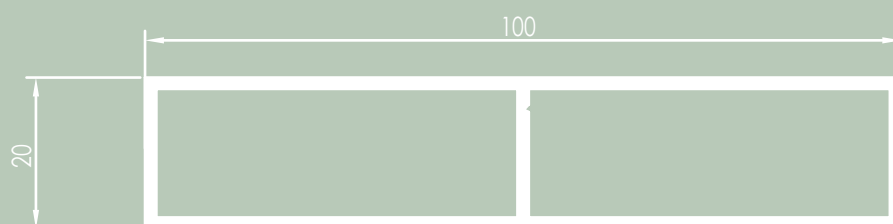
+S2050

Varão Rectangular
Perímetro: 0,05m



+S5020

Cantomeira
Perímetro: 0,07m



+S2011

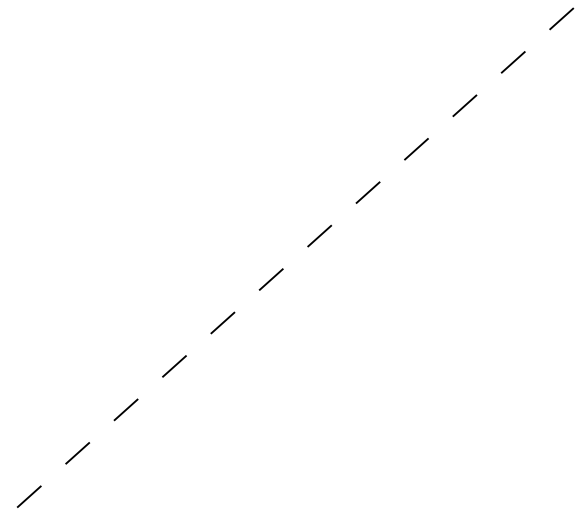
Régua
Perímetro: 0,24m



+S2323

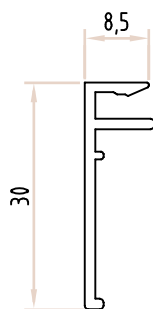
Cantomeira
Perímetro: 0,06m

Suplementos



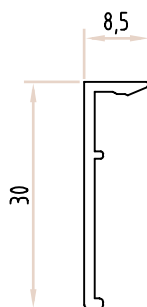


Suplementos



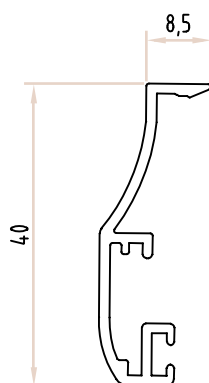
+S2761

Remate
Perímetro: 0,10m



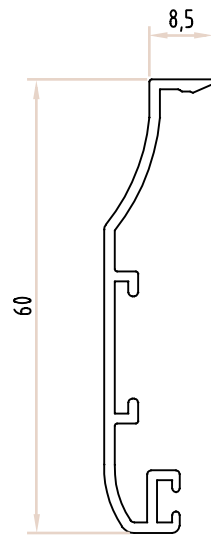
+S2762

Remate
Perímetro: 0,08m



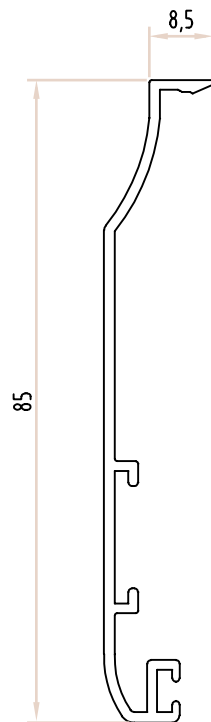
+S2763

Remate
Perímetro: 0,15m



+S2764

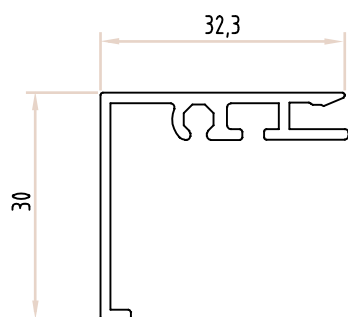
Remate
Perímetro: 0,20m



+S2765

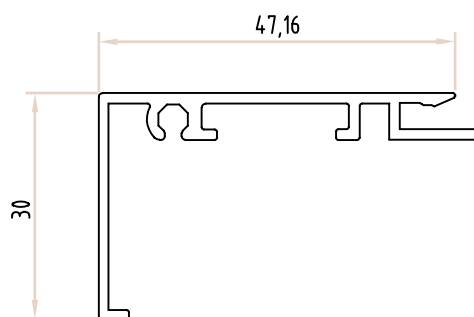
Remate
Perímetro: 0,25m

Suplementos



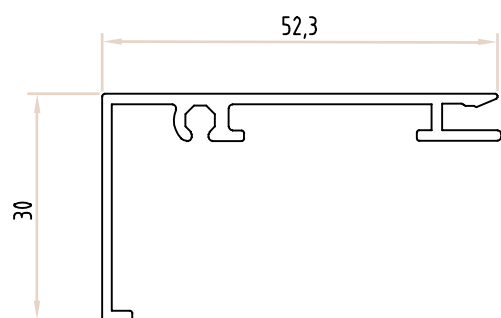
+S2728

Remate
Perímetro: 0,18m



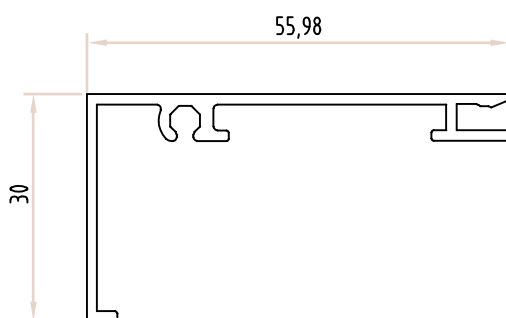
+S2721

Remate
Perímetro: 0,22m



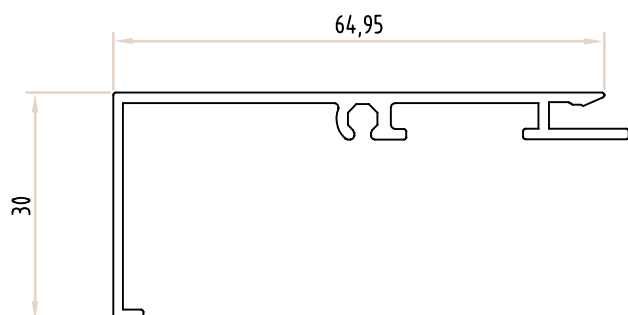
+S2729

Remate
Perímetro: 0,22m



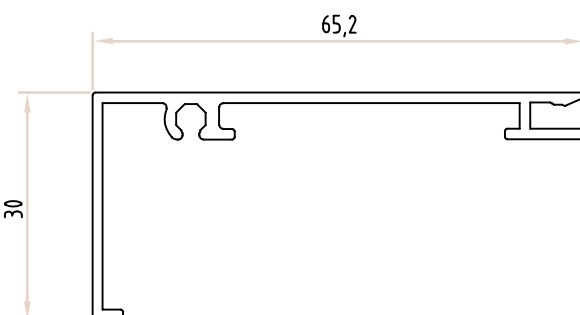
+S2722

Remate
Perímetro: 0,23m



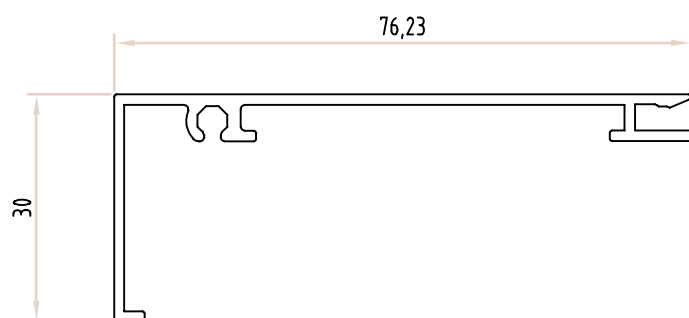
+S2724

Remate
Perímetro: 0,25m



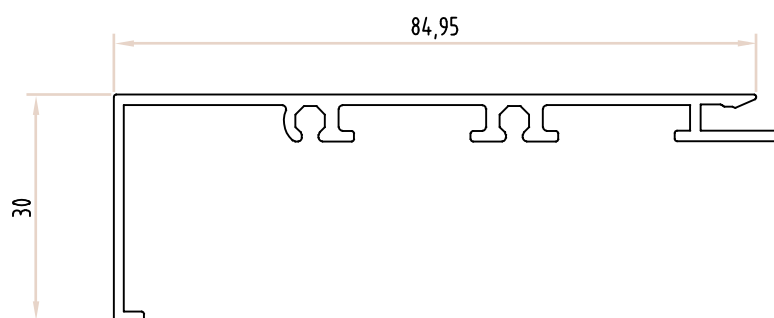
+S2723

Remate
Perímetro: 0,25m



+S2725

Remate
Perímetro: 0,27m



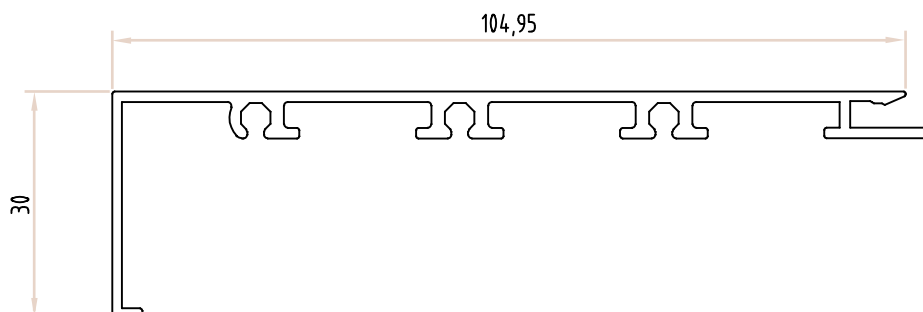
+S2728

Remate
Perímetro: 0,18m



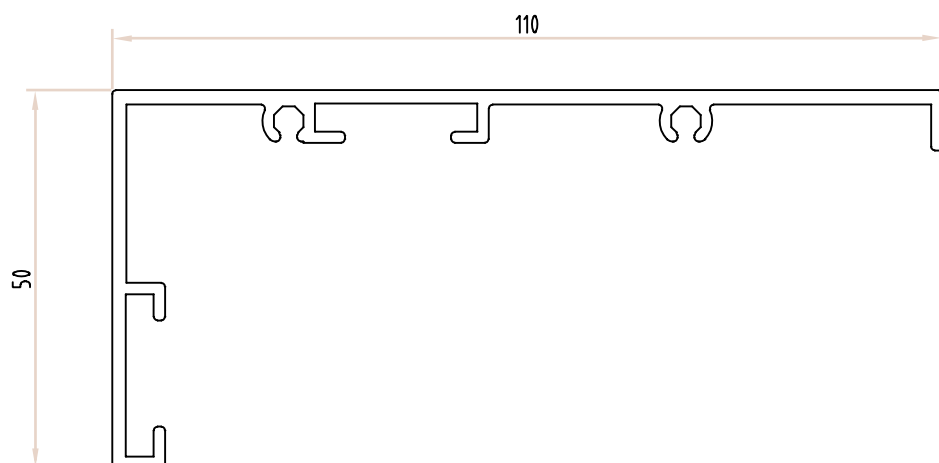


Suplementos



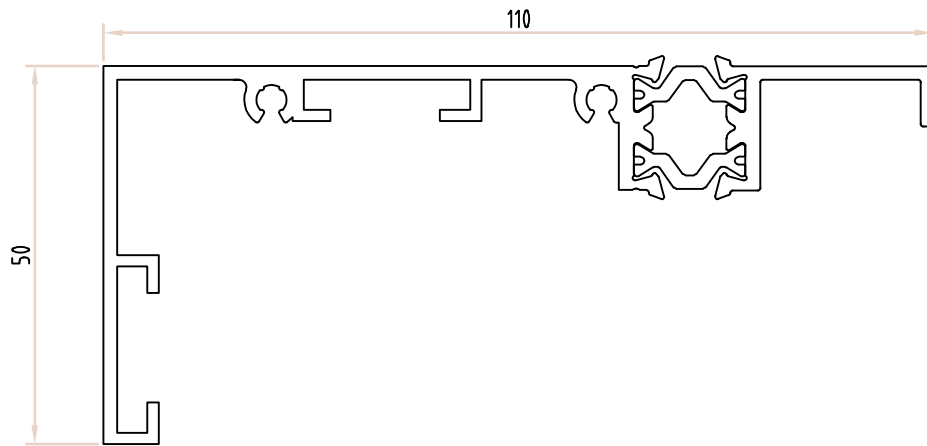
+S2727

Remate
Perímetro: 0,38m



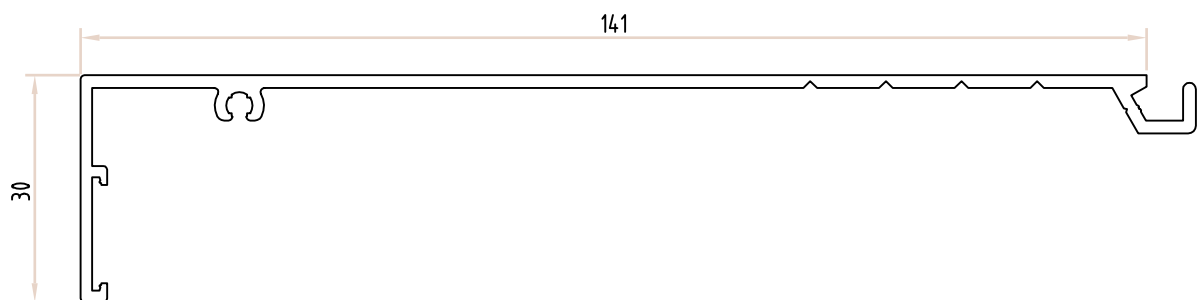
+S2781

Remate
Perímetro: 0,43m



+S5013

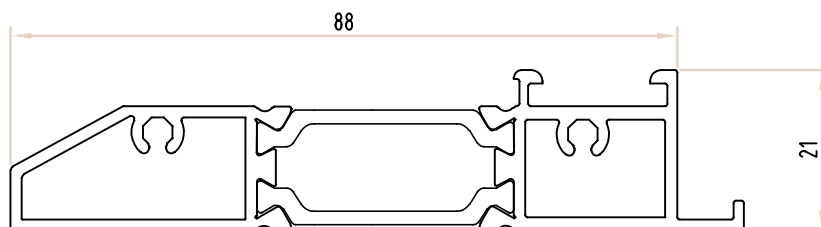
Remate
Perímetro: 0,51m



+S5009

Remate
Perímetro: 0,41m

Suplementos



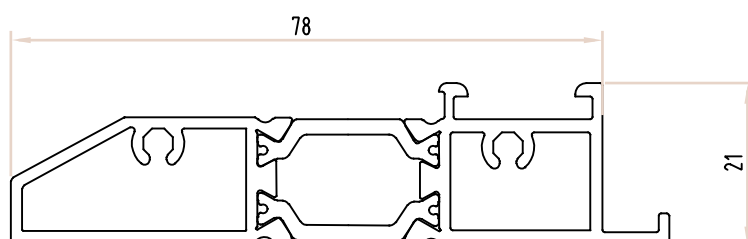
Acessórios



VD.RM81

+S5813.34

Soio
Perímetro: 0,28m



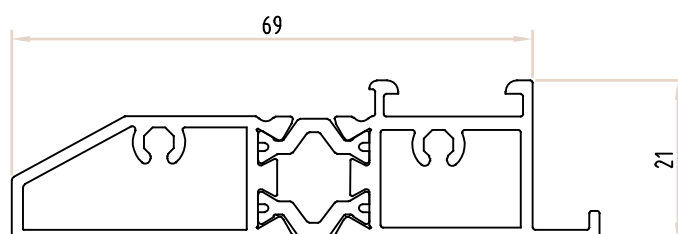
Acessórios



VD.RM81

+S5813.24

Soio
Perímetro: 0,28m



Acessórios



VD.RM81

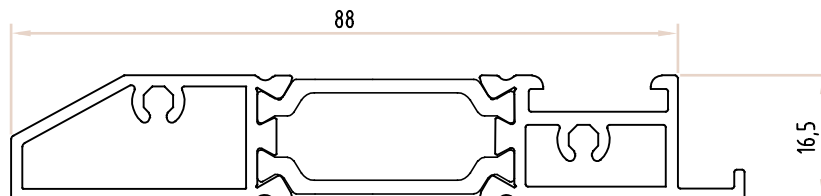
+S5813.14

Soio
Perímetro: 0,28m

Acessórios



VD.RM81



+S5814.34

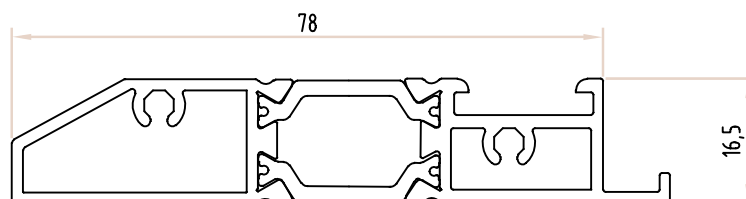
Soio

Perímetro: 0,27m

Acessórios



VD.RM81



+S5814.24

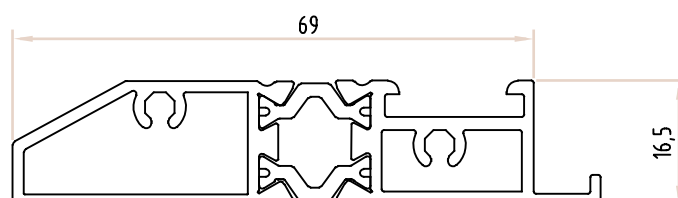
Soio

Perímetro: 0,27m

Acessórios



VD.RM81

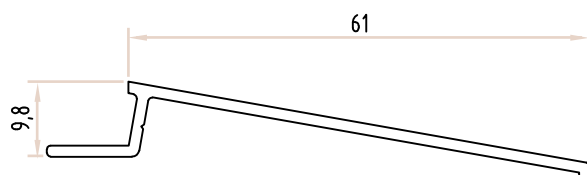


+S5814.14

Soio

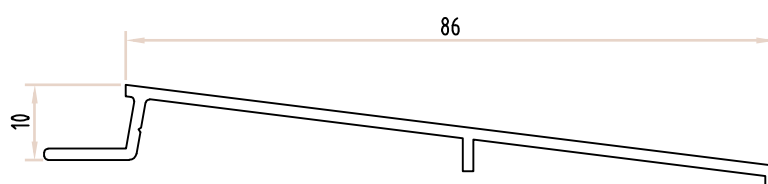
Perímetro: 0,27m

Suplementos



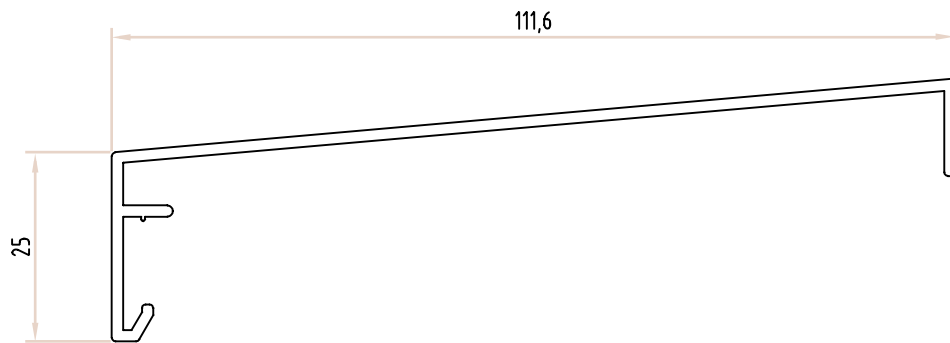
+S3402

Remate
Perímetro: 0,16m



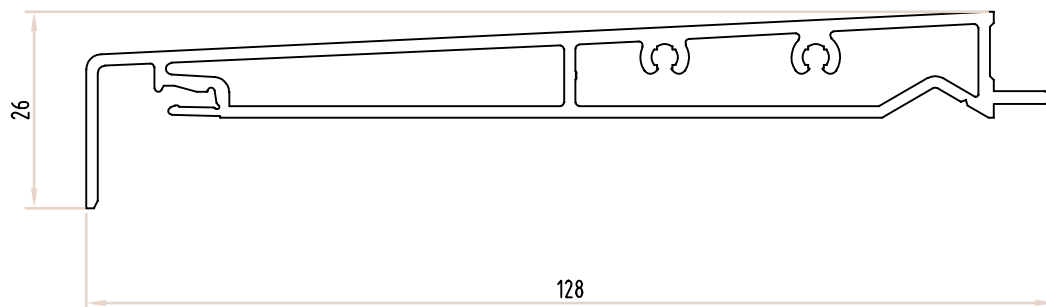
+S3453

Remate
Perímetro: 0,23m



+S2782

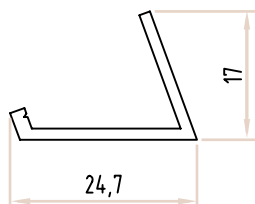
Remate
Perímetro: 0,32m



+S8274

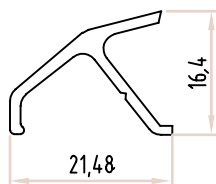
Remate
Perímetro: 0,33m

Suplementos



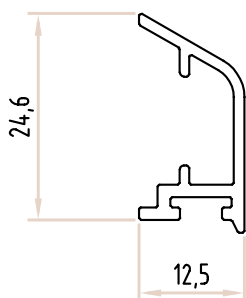
+A1016

Pingadeira
Perímetro: 0,09m



+E2107

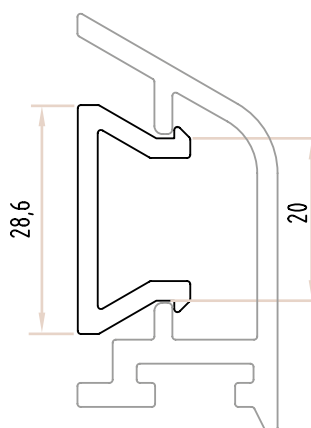
Pingadeira
Perímetro: 0,09m



Acessórios



TP.PING

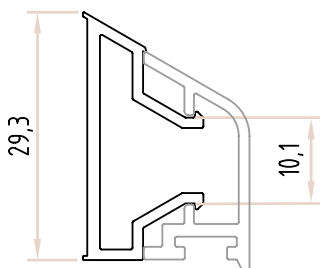


+E2104

Pingadeira
Perímetro: 0,11m

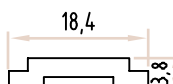
+E2103/C

Clip
Perímetro: 0,06m



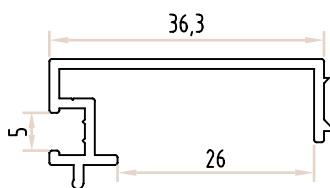
+E2103

Clip
Perímetro: 0,14m



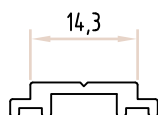
+A1019

Remate
Perímetro: 0,05m



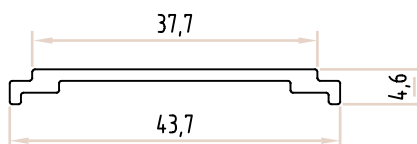
+A1143

Clip | Pingadeira
Perímetro: 0,05m



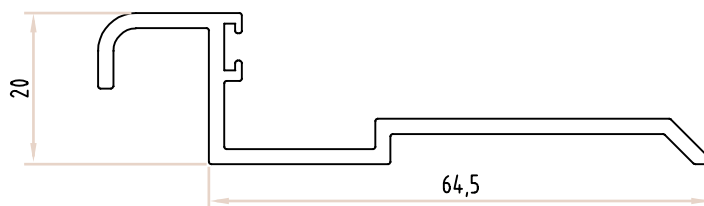
+E2105

Remate
Perímetro: 0,05m



+A1089

Complemento Remate
Perímetro: 0,10m



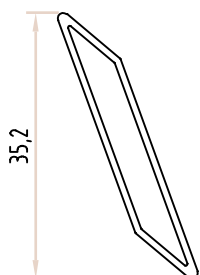
+S5005

Perfil 40
Perímetro: 0,24m





Suplementos



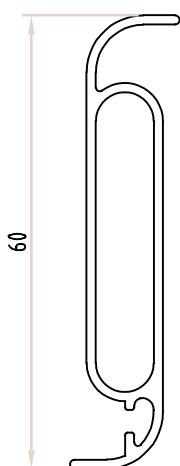
+A1145

Semi-Estrutura
Perímetro: 0,11m

Acessórios

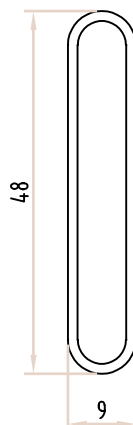


VD.0117



+A1053

Lâmina de Persianas
Perímetro: 0,57m



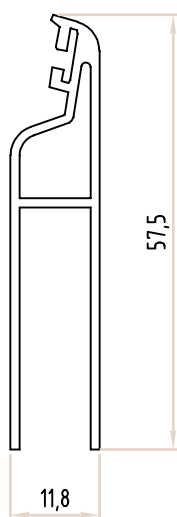
+A1045

Lâmina de Persianas
Perímetro: 0,20m

Acessórios



VD.0118



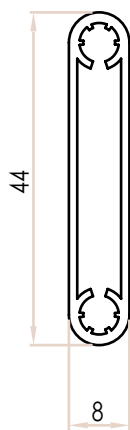
+S2098

Lâmina de Remate
Perímetro: 0,22m

Acessórios

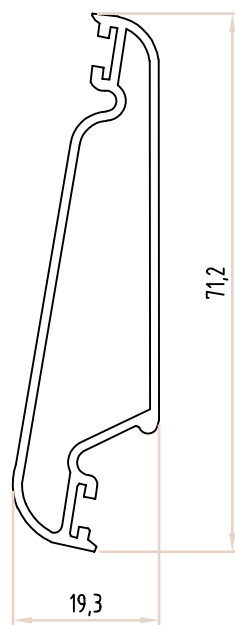


VD.0118



+S2096

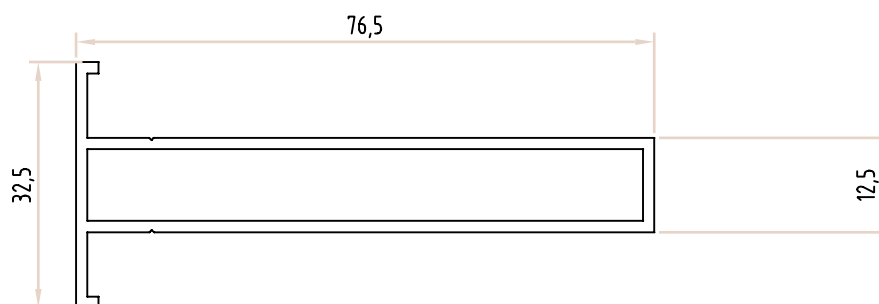
Lâmina Fixa
Perímetro: 0,10m



+S2097

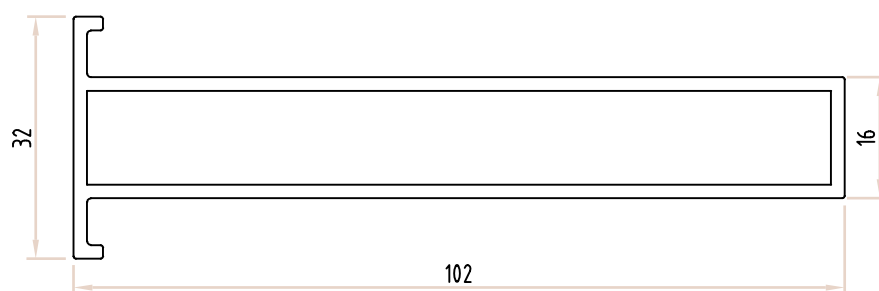
Lâmina Móvel
Perímetro: 0,19m

Suplementos



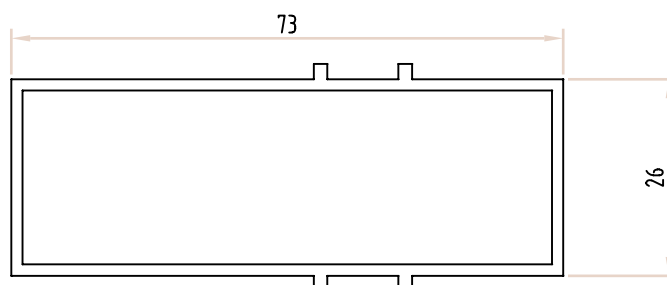
+S2012

Ligação de Séries
Perímetro: O,22m



+S2017

Ligação de Séries
Perímetro: O,28m



+S2018

Ligação de Séries
Perímetro: O,22m

Acessórios



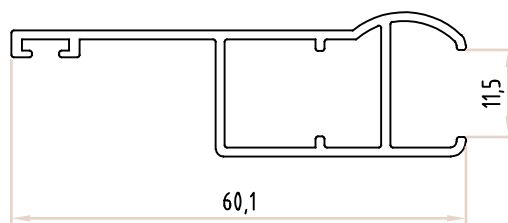
ES.0460



DO.6001

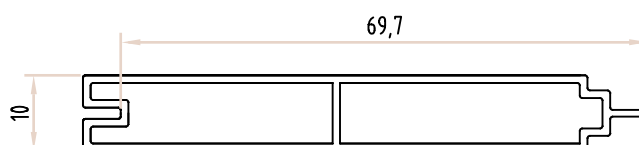


CR. 0519



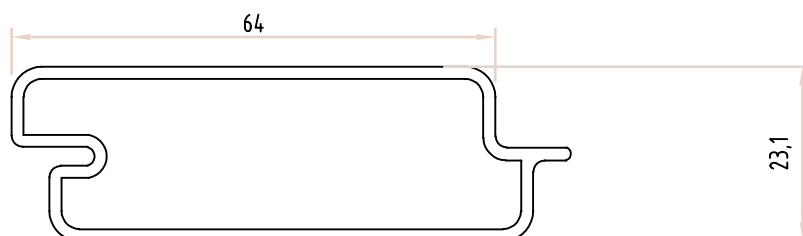
+S537

Almofada
Perímetro: 0,14m



+S535

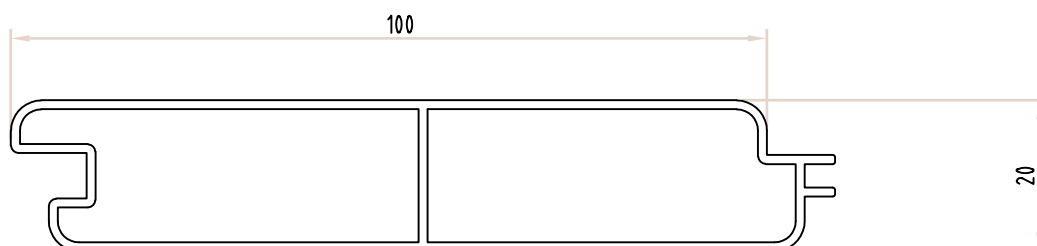
Almofada
Perímetro: 0,18m



+S2024

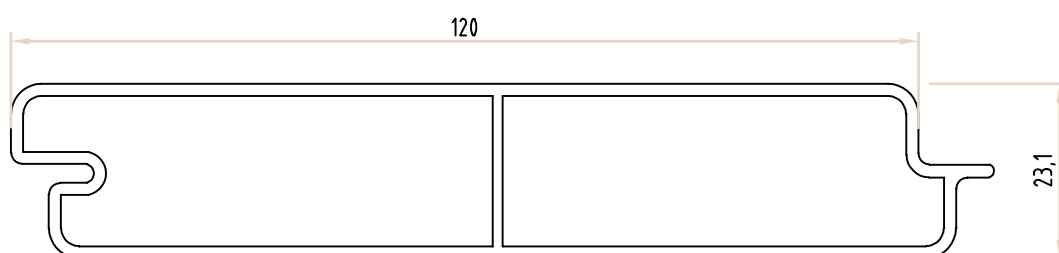
Almofada
Perímetro: 0,20m

Suplementos



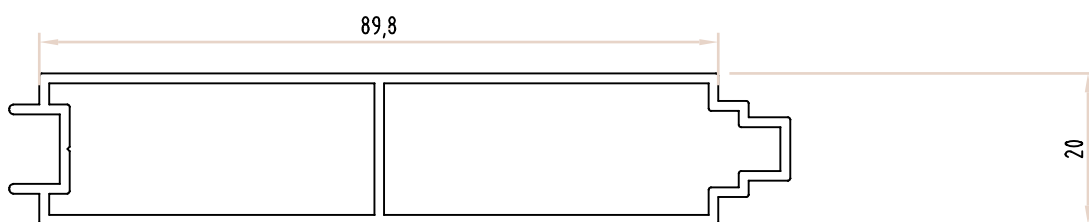
+S2030

Almofada
Perímetro: 0,26m



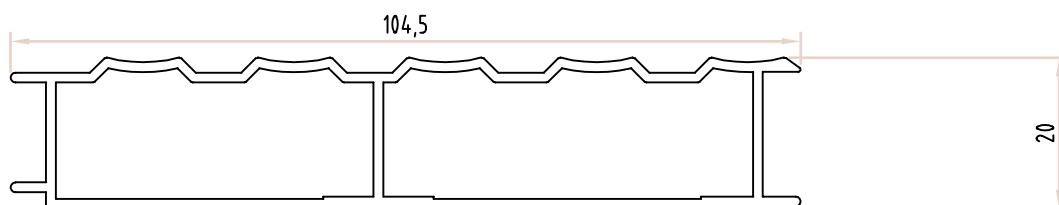
+S2020A

Almofada
Perímetro: 0,31m



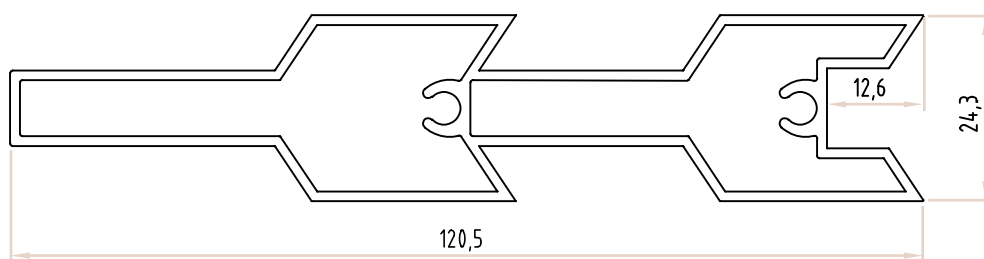
+S2031

Almofada
Perímetro: 0,26m



+S2019

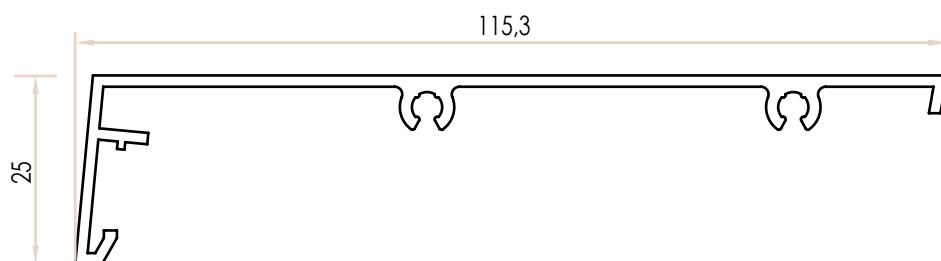
Chapa de Esteira
Perímetro: 0,27m



+S3654

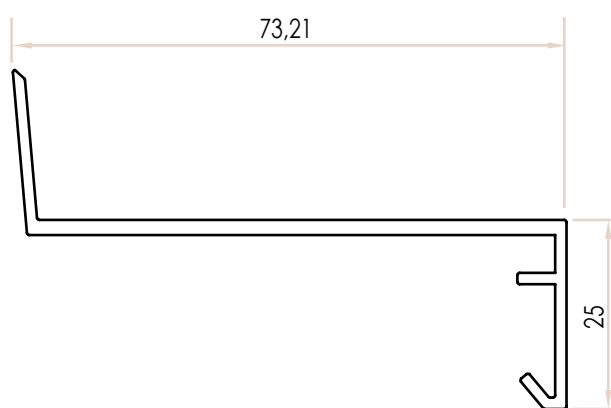
Lâmina Francesa
Perímetro: 0,34m

Suplementos



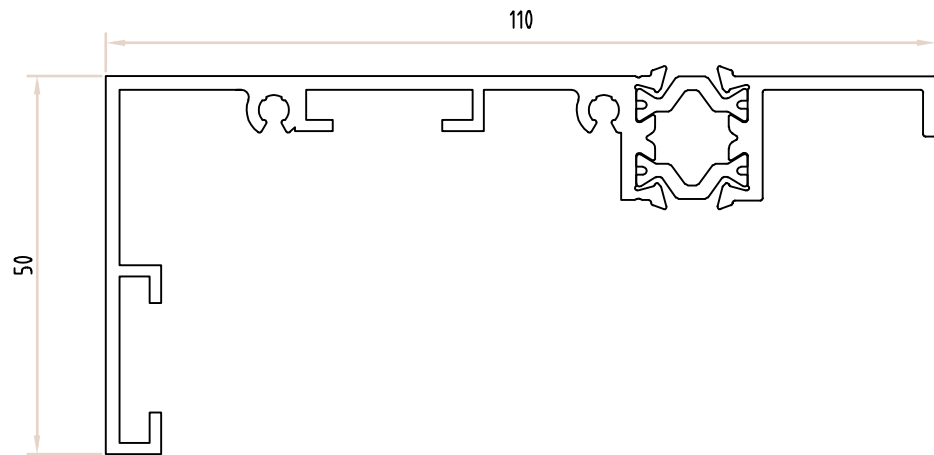
+S5012

Remate
Perímetro: 0,35m



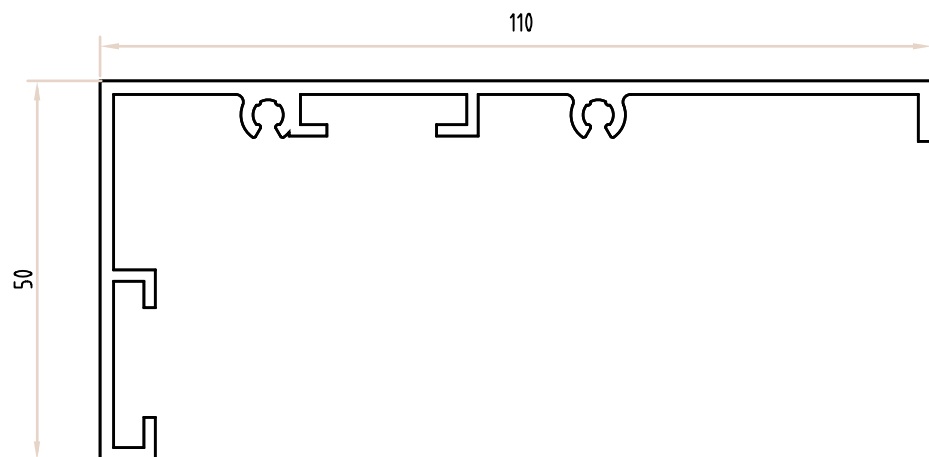
+S5000

Remate de Janela p/ Soleira
Perímetro: 0,18m



+S5013

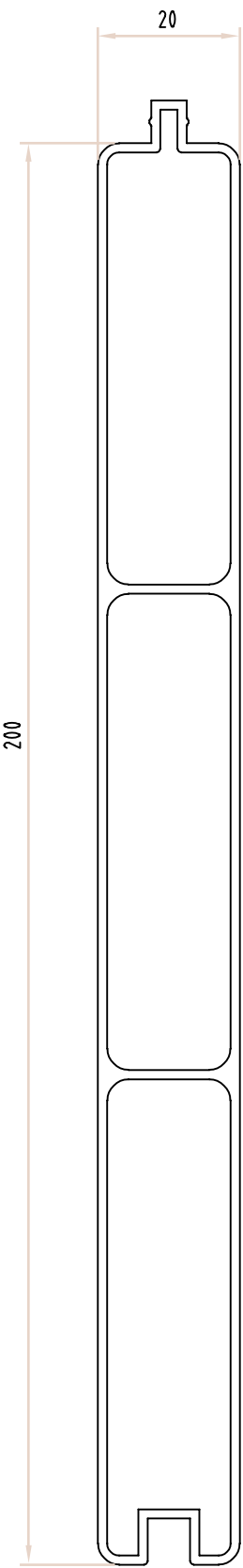
Remate
Perímetro: 0,49m



+S5011

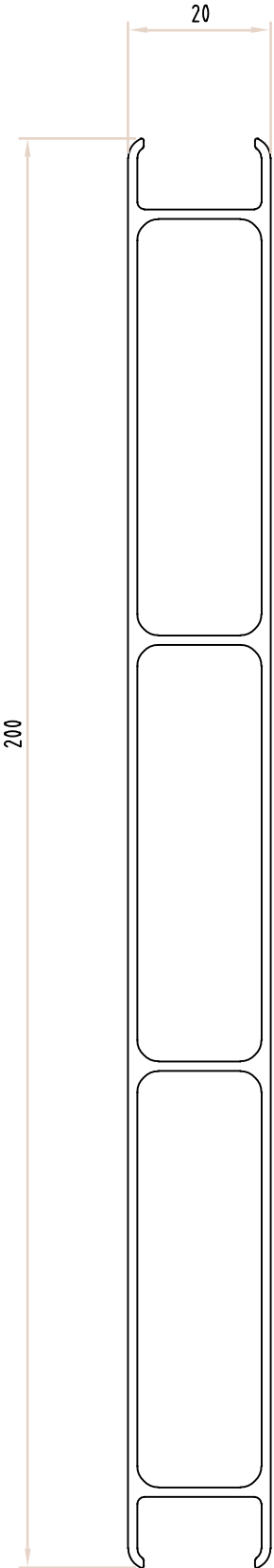
Remate
Perímetro: 0,44m

Suplementos



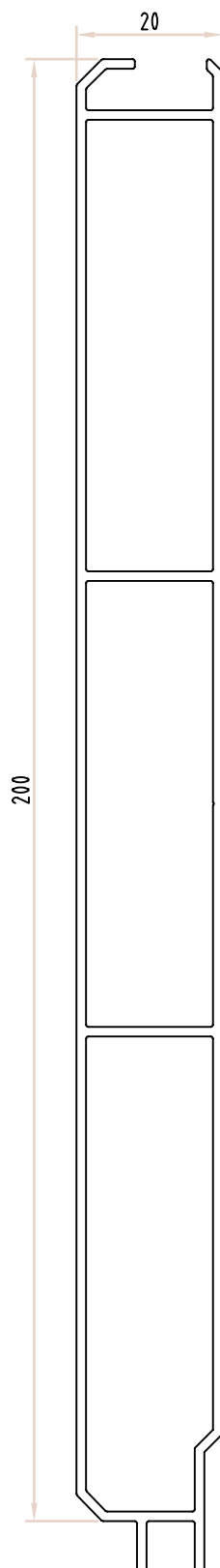
+S4O11

Almofada
Perímetro: 0,46m



+S4O12

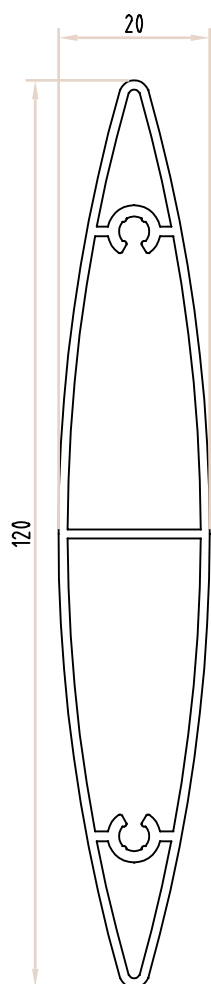
Almofada
Perímetro: 0,48m



+T30

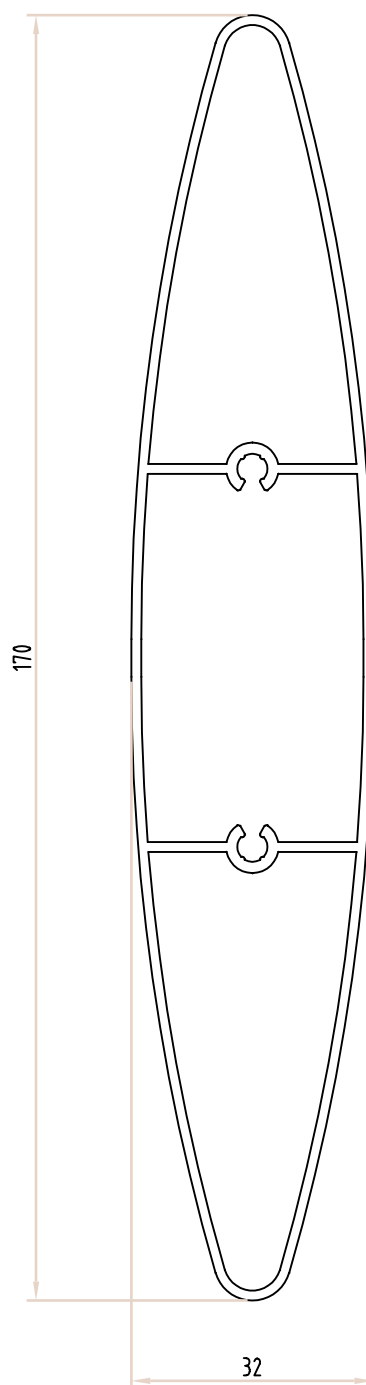
Almofada
Perímetro: 0,49m

Suplementos



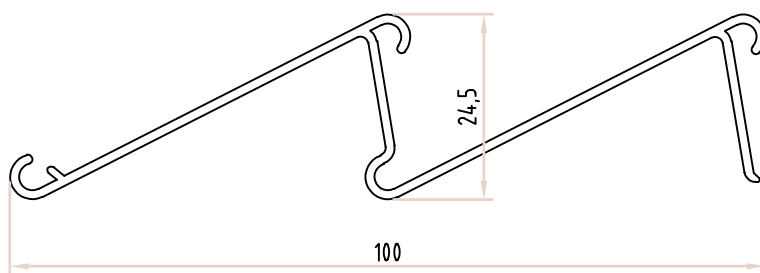
+S2095R

Perfil "Tapa Sol"
Perímetro: 0,25m



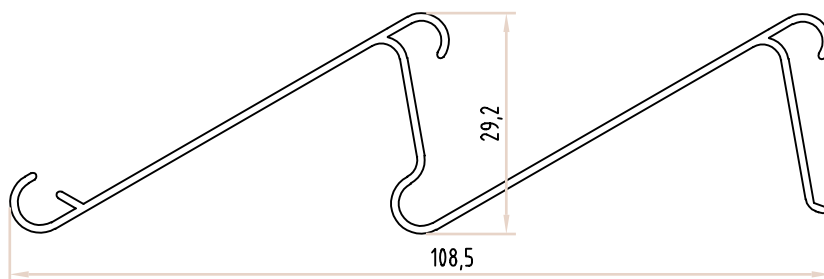
+S3095

Perfil "Tapa Sol"
Perímetro: 0,36m



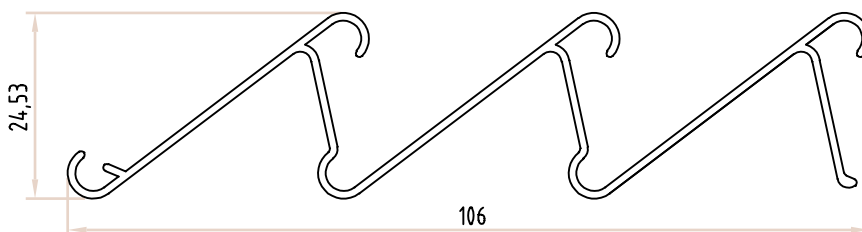
+S319

Lâmina Dupla 24,5mm
Perímetro: 0,32m



+S320

Lâmina Dupla 29,2mm
Perímetro: 0,39m



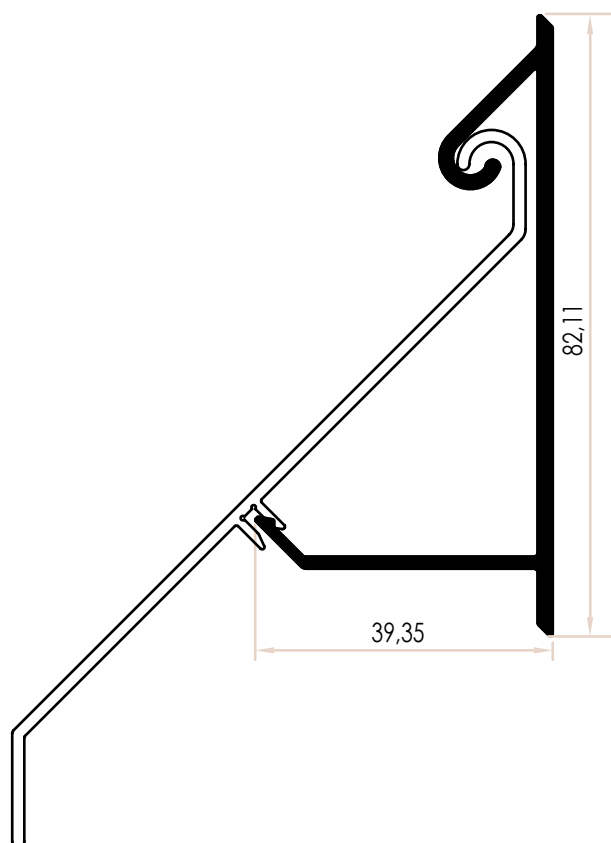
+S954

Lâmina Tripla 25mm c/ ou s/ Furo
Perímetro: 0,45m

Suplementos

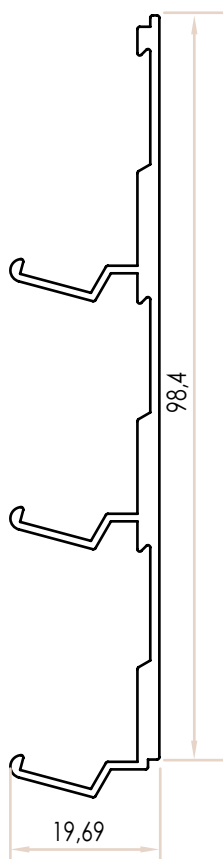
+S450

Suporte
Perímetro: 0,30m



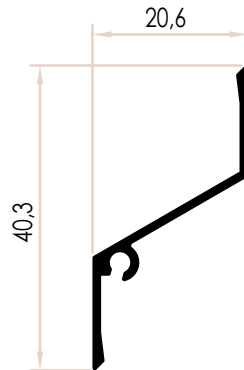
+S451

Lâmina
Perímetro: 0,30m



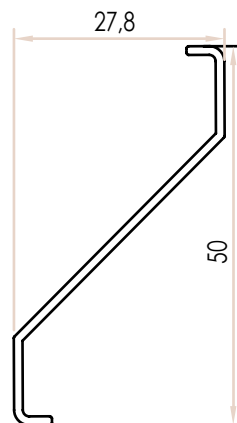
+S1056

Suporte
Perímetro: 0,54m



+S1055

Lâmina
Perímetro: 0,12m



+S1052

Lâmina de Persianas
Perímetro: 0,14m

Legendas

ES.3714.C / ES.3714.D / ES.3714.M

Esquadro 37* Centrado/ Descentrado/ Misto



ES.3714.C
ES.3714.D
ES.3714.M

ES.3731

Esquadro 37* 31



ES.3731.D
ES.3731.M

ES.0421

Esquadro 421



ES.0421

ES.0406

Esquadro 36*30,5 monticelli



ES.0406

GO.9001

Goteira c/ válvula



GO.9001

VD.2028.82

Vedante Base Rígida 8,2



VD.2028.82

DO.6080.A6 / D.6000

Dobradiça 6080/A6/ Dobradiça 6000



DO.6080.A6
D.6000

TP.1148.9

Topo Inversor



TP.1148.9

FE.6014

Fecho +K8000



FE.6014

TP.PING

Topo Pingadeira



TP.PING

UN.1000.PQ

União A1000 Pequena



UN.1000.PQ

UN.1000.GR

União A1000 Grande



UN.1000.GR

VD.2028.57

Vedante Base Rígida 5,7



VD.2028.57

VD.6000

Vedante Central CE



VD.6000

OB.M100

Oscilobatente Batente M100



OB.M100
OS.1118.93
O.0552

VD.2023.55

Vedante Base Rígida 5.5



VD.2023.55

UN.2000.PQ

União Pequena +E2000



UN.2000.PQ

TP.0255

Conjunto Topo Inversor 255



TP.0255

UN.2000.GR

União Grande +E2000



UN.2000.GR

ES.2531.C / ES.2531.D

Esquadro 25*31 Centrado / Esquadro 25*31 Descentrado



ES.2531

ES.A003

Esquadro Alinhamento n°3 12.8



ES.A003

ES.A119

Esquadro Alinhamento n°119



ES.A119

ES.4037

Esquadro Alinhamento c/ Perno Inox 4037



ES.4037

ES.A004

Esquadro Alinhamento n°4



ES.A004

VD.PTP7.7

Vedante Veda Porta / Pingadeira



VD.PTP7.7

TP.2220

Topo Fundo Porta (+E2200)



TP.2220

VD.6097

Vedante E.P.D.M Central



VD.6097

CN.2200.X

Canto Vulcanizado p/ E2200X



CN.2200.X
Canto Vulcanizado

VD.6067

Vedante 6067



VD.6067

TP.2200

Topo De Inversor



TP.2200

TP.2200X

Topo De Inversor



TP.2200X

VD.6026

Vedante E.P.D.M Central



VD.6026

GA.A000

Gache A



GA.A000

GA.0015

Gache n°15



GA.0015

GA.0001

Gache nº1



GA.0001

ES.1414

Esquadro 14* 14 Centrado Redondo 6mm



ES.1414

ES.A005

Esquadro Alinhamento nº5



ES.A005

KT.9163

Kit Guia Série Perimetral 9163



KT.9163

+C4699

Calha "U" em PVC p/ Aro Fixo



+C 4699

+C4698

Perfil 4 Folhas



+C 4698

+C4697

Gatilho



+C 4697

ES.1318

Esq. 13*18 Teton 6



ES.1318

GA.2005

Gache nº2005



GA.2005

VD.6069

Vedante para +C5200



VD.6069

ES.2712

Esquadro 27x12 Centrado



ES.2712

TP.3030

Tampo Tubo 30*30



TP.3030

TP.3015

Tampo Tubo 30*15



TP.3015

SA.3030

Sapata p/ tubo 30*30



SA.3030

PT.3030

Patere p/ tubo quadrado de 30



PT.3030

CV.5200

Corta Vento p/Série +C5200



CV.5200

ES.3010.805

Esquadro 805DX p/ +C5200



ES.3010.805

+C5299

Calha "U" em PVC p/ aro fixo



+C 5299

RO.5200

Rolamento série +C5200



RO.5200

TP.1149.9

Topo de inversor 1149



TP.1149.9

TP.279P

Topo de inversor 279



TP.0279

GF.3069.6

Guia de Folha (Horquilla) +C2600



GF.3069.6

TP.1008.AKI

Topo de inversor +A8000



TP.1008.A

ES.9600.44

Esquadro Exterior FO 5.3* 10.7



ES.9600.44

ES.9600.55

Perno Fixação Esquadro



ES.9600.55

ES.9610.15

Esquadro FO



ES.9610.15

VD.9610.05

Junta de vedação +A8000 Folha Oculta



VD.9610.05

SK.9488.PI

Corta Vento +C4000



SK.9488.PI

SK.9488.PII

Kit Guias Batente 9488 PII



SK.9488.PII

ES.A006

Esquadro Alinhamento nº6



ES.A006

MP.0306

Calço Universal Apoio Fecho Multiponto 306



MP.0306

RO. 9159.D

Rolamento Duplo 9159 Série +C4200

RO.9159.D
RO.9514.D**RO.4008.D30**

Rolamento p/ +C4008 30Kg



RO.4008.D30

ES.3114.C / ES.3114.D

Esquadro 31*14 Teton Centrado/ Descentrado

ES.3114.D
ES.3114.M

GF.395P

Guia Folha +C4000 395P

SK.9487.PII

Corta Vento c/ 4200

SK.9491.PI

Conjunto Placa Vedante + Pelúcia

MP.1721.P

Calço Multiponto +C4600

KT.9491

Kit Guia Batente 9491

RO.9541.D150

Rolamento Duplo 9541 JB +C4600 150Kg

RO.9541.D200

Rolamento Duplo 9541 JB +C4600 200Kg

GC.1414

Guia Central 1414 Preto

KT.ELEVAVEL

Kit Elevável de Correr

VD.D125

Vedante +C2600

CV.8000

Corta Vento Série Minimalista +K8000

FE.8000

Fecho série +K8000

FE.8000.TR

Transmissão para fecho 8000

FI.6065

Barra Latão com 3.0 MTS

TP.6018

Conjunto Topo 6018 (+K8011)

VD.3094.6063

Junta de Vedação +K8000 Ultra-Minimalista

PL.3060.0014

Perfil Pelúcia Metálica 18mm Preto



GF.395P



SK.9487.PII



SK.9491.PI



MP.1721.P



KT.9491



RO.9541.D150



RO.9541.D200



GC.1414



KT.ELEVAVEL



VD.D125



CV.8000



FE.8000



FE.8000.TR



FI.6065



TP.6018



VD.3094.6063



PL.3060.0014

PL.7090

Pelúcia 70*90 c/lâmina

FE.3094.6091

Fechadura Kristal Pivotante s/Canhão

FE.3094.6065

Kit +K8000 Pivotante

FE.3094.6093

Ponto de Fecho Superior p/Fechadura

PX.5082

Puxador de Muleta Sirius

VD.P965

Vedante Fachada 965

VD.P966

Vedante Fachada 966

VD.TFA

Junta de Fachada

VD.2025.8

Vedante Base Rígida 8.0

DO.A007

Dobradiça Balanço A007

PX.T525

Trinqueta 525

VD.0118.55

Vedante Base Rígida 118 c/5.5

VD.2024.69

Vedante Base Rígida 6.9

DO.HP01

Dob. HPI/3 Simples

DO.HPS1

Dob. HP Simples Inox

TP.0894.P

Topo Inversor HP

TV.TFA

União de Fachada



PL.7090



FE.3094.6091



FE.3094.6065



FE.3094.6093



PX.5082



VD.P965



VD.P966



VD.TFA1



VD.2025.8



DO.A007



PX.T525



VD.0118.55



VD.2024.69



DO.HP01



DO.HPS1



TP.0894.P



TV.TFA

DO.6060*Dobradiça A7 c/Avanço***TP.0676***Conjunto Topo 676 Preto***DO.6050***Dobradiça 6050 2F***DO.5070***Dobradiça 5070 Inox c/AF***ES.3736***Esquadro 37*36 quad 8***ES.A001***Esquadro Alinhamento n°1***ES.9600.04***Esquadro Janela +A6000***ES.9600.05***Esquadro Aro Porta +A6000***VD.6026***Vedante e.p.d.m central***VD.9600.02***Junta Exterior +A6000***ES.9600.48***Esquadro de Alinhamento 7X14***CN.9600.35***Canto Vulcanizado +A6000***ES.9600.25***Esquadro Exterior Aro***ES.9204.25***Esquadro AZ 22***ES.9600.49***Esquadro alinhamento 7x31 com parafusos***ES.9600.45***Esquadro alinhamento +A6000***VD.8002***Vedante Tubular*

DO.6060



TP.0676



DO.6050



DO.5070



ES.3736



ES.A001



ES.9600.04



ES.9600.05



VD.6026



VD.9600.02



ES.9600.48

CN.9600.35
Canto Vulcanizado

ES.9600.25



ES.9604.25



ES.9600.49



ES.9600.45



VD.8002

ES.9600.46*Esquadro de Alinhamento 5.2x36***ES.9600.36***Esquadro Móvel Porta +A6000***ES.A003***Esquadro Alinhamento n°3 12.8***TP.0008.ARI***Topo Inversor +A6000***TP.ARI2.3***Topo Perfil +A6000 23***ES.0914.C***Esquadro 9*14 Centrado***ES.0410***Esquadro 25*14***VD.C060.RT***Vedante Central +E3600***VD.8000***Vedante***ES.0444***Esquadro 444 Monticelli***ES.A034***Esquadro de Alinhamento n°34***ES. 9203.90***Esquadro Porta +A8000***CN.65RT***Canto Vulcanizado +E3600***ES.0914***Esquadro 9*14 Centrado***GO. 9000.9***Goteira c/ Válvula Preto***ES.2525***Esquadro Enchimento 25*25***ES.5015***Esquadro Alinhamento 50x15 Monticelli*

ES.9600.46



ES.9600.36



ES.A003



TP.0008.ARI



TP.ARI2.3



ES.0914



ES.0410



VD.C060.RT



VD.8000



ES.0444



ES.A034



ES.9203.90



CN.65RT



ES.0914



GO.9000.9



ES.2525



ES.5015

ES.A013

Esquadro Alinhamento nº13

ES.0444

Esquadro 444 Monticelli

TP.65RT.INV

Topo Inversor +E3600

UN.3063.5

União Travessa +E3600/7500

VD.9610.06

Junta Central Termo Isolante +A8000

CN.9610.07

Canto Vulcanizado Termo Isolante +A8000

GF.5200

Guia Folha C5200 (9684) Preto

AP.6013.9

Cantoneira Apoio Preto

PL.7055.3L

Pelúcia Tri Fin 70 55

TP.9201.14

Topo Inversor Oculta +A8000

ES.3612.C

Esquadro 36*12 Centrado

UN.6002

União Varetas Zamak Preto

BA.8003.9

Batente +K8000 Preto

TP.6017

Conjunto Topo 6017

ES.6033

Esquadro de Canto +K8000 11.7x36

TP.77RT

Topo Inversor +E7500

TP.3021

Topo para Canal da Água



ES.A013



ES.0444



TP.65RT.INV



UN.3063.5



VD.9610.06



CN.9610.07



GF.5200



AP.6013.9



PL.7055.3L



TP.9201.14



ES.3612.C



UN.6002



BA.8003.9



TP.6017



ES.6033



TP.77RT



TP.3021.1

VD.77RT.ECO

Vedante Central +E7500

CN.77RT

Canto Vulcanizado Série +E7500

PX.TICT.4009

Puxador Tic Tac 4009

FL.247I

Fecho Lateral 247 i

GA.C000

Gache C

RO.9515.D120

Rolamento Zamask +C3000 120 Kg

RO.0919

Rolamento B03 c/ Eixo Inox

RO.0978

Rolamento 978 B3 Duplo

ES.A016

Esquadro Alinhamento 14.2x1

GF.3094.5035

Guia Folha +C5600

PL.7055

Pelúcia 70x55 s/ Lâmina

VD.3095.6002

Vedante Tapa Canal +C5600

VD.3095.6003

Vedante Aro Móvel +C5600

VD.3095.6004

Vedante Central Para +C5602

VD.6001.ANIC

Vedante 6001

CV.3095.6014

Corta Vento +C5600

CV.3095.6035

Corta Vento Inf/Sup Mono Rail +C5600



VD.77RT.ECO



CN.77RT



PX.TICT.4009



FL.247i



GA.C000



RO.9515.D120



RO.0919



RO.0978



ES.A016



GF.3094.5035



PL.7055



VD.3095.6002



VD.3095.6003



VD.3095.6004



VD.6001.ANIC



CV.3095.6014



CV.3095.6035

VD.0500

Vedante Central +K8002



VD.0500

TP.KL02.12

Topo Perfil Kl 12 / 02



TP.KL02.12

CV.3012.6

Corta Ventos +C2600



CV.3012.6

GF.3046.5

Guia de Folha +C2600 s/Rutura



GF.3046.5

BA.0302

Batente Janelas de Correr Multimponto



BA.0302

VD.2028.82

Vedante Base Rígida 8,2



VD.2028.82
VD.2010.82

VD.2010.82

Vedante Batente Base Rígida 8,2



VD.2028.82
VD.2010.82

ES.A118

Esquadro Alinhamento 118



ES.A118

VD.RM81

Vedante Inserção Soleira



VD.RM81

VD.0117

Vedante de Base Rígida 117x5.5mm



VD.0117

VD.0118

Vedante de Base Rígida 118x5.5mm



VD.0118

ES.0460

Esquadro de alinhamento N°6



ES.0460

DO.6001

Dobradiça Tripla de Portada Interior



DO.6001

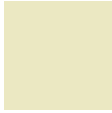
CM.0519

Cremone de Portada Interior



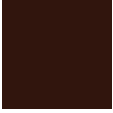
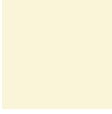
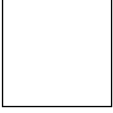
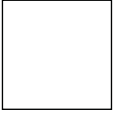
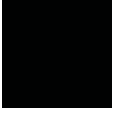
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Cores RAL

RAL 1000		RAL 1001		RAL 1002		RAL 1003		RAL 1004		RAL 1005	
RAL 1006		RAL 1007		RAL 1011		RAL 1012		RAL 1013		RAL 1014	
RAL 1015		RAL 1016		RAL 1017		RAL 1018		RAL 1019		RAL 1020	
RAL 1021		RAL 1023		RAL 1024		RAL 1027		RAL 1028		RAL 1032	
RAL 1033		RAL 1034		RAL 2000		RAL 2001		RAL 2002		RAL 2003	
RAL 2004		RAL 2008		RAL 2009		RAL 2010		RAL 2011		RAL 2012	
RAL 3000		RAL 3001		RAL 3002		RAL 3003		RAL 3004		RAL 3005	
RAL		RAL		RAL		3007		3009		3011	
RAL 3012		RAL 3013		RAL 3014		RAL 3015		RAL 3016		RAL 3017	
RAL 3018		RAL 3020		RAL 3022		RAL 3027		RAL 3031		RAL 4001	
RAL 4002		RAL 4003		RAL 4004		RAL 4005		RAL 4006		RAL 4007	
RAL 4008		RAL 4009		RAL 5000		RAL 4005		RAL 4006		RAL 4007	

RAL 5001		RAL 5002		RAL 5003		RAL 5004		RAL 5005		RAL 5007	
RAL 5008		RAL 5009		RAL 5010		RAL 5011		RAL 5012		RAL 5013	
RAL 5014		RAL 5015		RAL 5017		RAL 5018		RAL 5019		RAL 5020	
RAL 5021		RAL 5022		RAL 5024		RAL 6000		RAL 6001		RAL 6002	
RAL 6003		RAL 6004		RAL 6005		RAL 6006		RAL 6007		RAL 6008	
RAL 6009		RAL 6010		RAL 6011		RAL 6012		RAL 6013		RAL 6014	
RAL 6015		RAL 6016		RAL 6017		RAL 6018		RAL 6019		RAL 6020	
RAL 6021		RAL 6022		RAL 6024		RAL 6025		RAL 6026		RAL 6027	
RAL 6028		RAL 6029		RAL 6032		RAL 7000		RAL 7001		RAL 7002	
RAL 7003		RAL 7004		RAL 7005		RAL 7006		RAL 7008		RAL 7009	
RAL 7010		RAL 7011		RAL 7012		RAL		RAL 7015		RAL 7016	
RAL 7021		RAL 7022		RAL 7023		RAL 7024		RAL 7026		RAL 7030	

Cores RAL

RAL 7031		RAL 7032		RAL 7033		RAL 7034		RAL 7035		RAL 7036	
RAL 7037		RAL 7038		RAL 7039		RAL 7040		RAL 7042		RAL 7043	
RAL 7044		RAL 8000		RAL 8001		RAL 8002		RAL 8003		RAL 8004	
RAL 8007		RAL 8008		RAL 8011		RAL 8012		RAL 8014		RAL 8015	
RAL 8016		RAL 8017		RAL 8019		RAL 8022		RAL 8023		RAL 8024	
RAL 8025		RAL 8028		RAL 9001		RAL 9002		RAL 9003		RAL 9004	
RAL		RAL		RAL		9005		9010		9011	
RAL 9016		RAL 9017		RAL 9018							

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