



CATÁLOGO TÉCNICO

Esquadrias Convencionais

Sistema





UNION



ATENÇÃO

Observe as Instruções e Recomendações do Catálogo Técnico

Este Catálogo é parte integrante do Sistema Construtivo em Alumínio Unnion desenvolvido pela Perfil Alumínio do Brasil S.A. e contém as informações para o correto procedimento de fabricação e montagem das peças de Esquadrias.

-  A fabricação e instalação de Esquadrias em alumínio devem ser conduzidas por profissionais com reconhecida experiência no mercado.
-  A composição das peças de Esquadrias e ou Fachadas devem obedecer rigorosamente as orientações e recomendações constantes neste Catálogo Técnico. Eventuais dúvidas ou necessidade de informações adicionais devem ser solicitadas por escrito ao corpo técnico da Perfil Alumínio do Brasil S.A.
-  A Legislação Brasileira estabelece que elementos aplicados à Construção Civil requer ciência, acompanhamento e responsabilidade técnica de Engenheiro Civil Pleno, devidamente graduado.
-  A Perfil Alumínio do Brasil S.A. não se responsabiliza pelos desdobramentos do uso indevido dos perfis, montagem, instalação e ou quaisquer outras formas de aplicação das peças, que não obedeçam rigorosamente as recomendações deste Catálogo Técnico.

SUMÁRIO GERAL

A EMPRESA	7
GRÁFICOS DE DESEMPENHO	11
TIPOLOGIAS	34
PERFIS	36
COMPONENTES	66
USINAGENS.....	92
DETALHES 3D.....	114
PROJETOS ORIENTATIVOS	120

PERFIL ALUMÍNIO DO BRASIL S/A

Criada em 1995, a Perfil Alumínio tem conquistado ao longo dos anos destaque reconhecido entre as melhores empresas do setor de alumínio. No início, focada na distribuição de perfis de alumínio, e a partir de 2010 ampliou a participação do mercado com atuação setorizada.

Em uma área de 250 mil m², todo o complexo industrial de Viana-ES acomoda duas Unidades de Produção: A unidade de Extrusão automática de 7" e o processo de Pintura Eletrostática, traduzindo assim, o conceito de empresa completa e verticalizada.

Atualmente, com toda infraestrutura de atendimento e suporte técnico, incluindo uma área de estoque a pronta entrega e uma operação logística eficaz, a Perfil Alumínio atua nos mais variados segmentos e atende todas as regiões do Brasil.

NOSSOS PROCESSOS

EXTRUSÃO



Processo industrial com linha de extrusão automática de 7", gerida por especialistas multidisciplinares.



PINTURA

Pintura eletrostática a pó que promove proteção ao alumínio, além de gerar o acabamento perfeito.



DISTRIBUIÇÃO

Planejamento e eficiência logística para atender com excelência todo território nacional



POLÍTICA DA QUALIDADE

A Perfil Alumínio do Brasil tem como compromisso:

- ✓ Atender as necessidades dos clientes através de soluções e produtos em alumínio, desenvolvendo parcerias duradouras e relações de confiança resultantes de um atendimento de qualidade ao cliente.
- ✓ Valorizar o capital humano e o respeito às pessoas.
- ✓ Estabelecer uma gestão por resultados que atenda aos requisitos aplicáveis, incluindo os sociais e ambientais, buscando a melhoria contínua e eficácia de seu sistema de gestão da qualidade, tornando-se sustentável e próspera.



IDENTIDADE CORPORATIVA

Perfil Alumínio do Brasil



MISSÃO

Atender as necessidades dos clientes através de soluções e produtos em alumínio extrudados, desenvolvendo parcerias duradouras.



VISÃO

Ser a referência no Brasil no segmento de Extrudados de Alumínio e Tratamento de Superfície.



VALORES

Conceitos que cremos e defendemos. A base da nossa identidade.



EVENTOS TÉCNICOS

A Perfil Alumínio do Brasil foi pioneira na assinatura do termo de adesão ao PSQ (Programa Setorial da Qualidade) de Portas e Janelas de Correr em Alumínio e possui o maior número de produtos homologados.

Para mostrar a importância de se utilizar produtos certificados, a Perfil, em parceria com a AFEAL, ABAL e TESIS, realiza eventos técnicos em todas as regiões do país levando conteúdo para fabricantes de esquadrias, construtoras e arquitetos. Estes eventos já alcançaram 2.000 pessoas.

O conhecimento e o PSQ estão em nosso DNA. Investimos sempre na melhoria e certificação de nossos sistemas.



SISTEMAS HOMOLOGADOS NO

PSQ

Portas e Janelas de Correr de
Alumínio

Um dos principais objetivos do Programa Setorial de Qualidade de Portas e Janelas de Correr de Alumínio é promover a organização setorial, além combater a não-conformidade das esquadrias em todo o País.

Em apoio ao programa, a Perfil Alumínio investe para possuir o maior número de produtos homologados para atender as mais altas exigências das normas e oferecer qualidade e segurança ao usuário final.

Estes são
os sistemas
homologados:

UNION

UNION
Slim

ecoline 2.5

chroma

SLIDINGGLASS

SOPHIA
silence



CURSOS E TREINAMENTOS

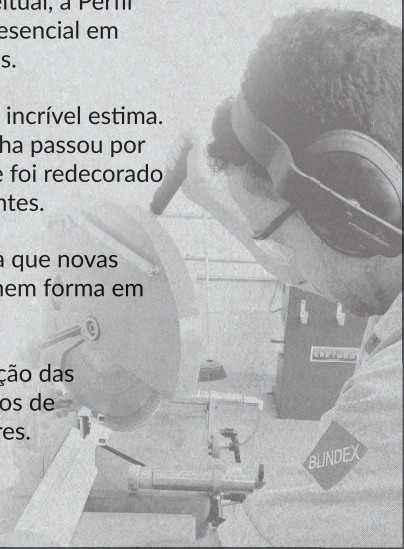


Além de cuidar da inteligência conceitual, a Perfil adotou uma postura de interação presencial em relação aos fabricantes de esquadrias.

O tratamento com esse público é de incrível estima. O Centro de Distribuição de Vila Velha passou por uma remodelação total e o ambiente foi redecorado para oferecer mais conforto aos clientes.

Em outra esfera, o CTP é a base para que novas tecnologias, produtos e serviços tomem forma em caráter oficial.

A formação profissional e a cooperação das parcerias são formalizadas em eventos de atualização e cursos técnicos regulares.



Joint Venture



DISTRIBUIÇÃO DE METAIS

Para reduzir o impacto da falta de abastecimentos de matérias primas e insumos no mercado nacional de alumínio, firmamos a Joint Venture com CVT International da Holanda para a importação de lingotes e tarugos dos melhores players do mundo para o Brasil.

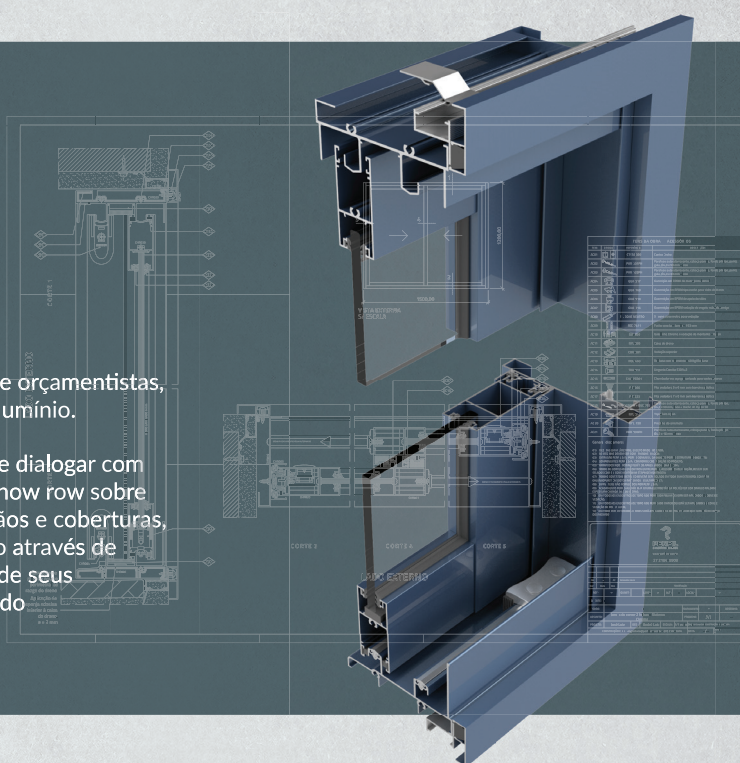
Acesse o QR Code abaixo e assista o vídeo da distribuição de metais



SUPORTE TÉCNICO

Com toda uma estrutura de engenheiros, projetistas e orçamentistas, o Departamento Técnico é um dos pilares da Perfil Alumínio.

Um corpo técnico com amplo conhecimento capaz de dialogar com grandes construtoras e empreiteiras, dispõe de um know row sobre sistemas construtivos destinados a fechamento de vãos e coberturas, proporcionando respostas rápidas aos clientes, sendo através de consultorias de projetos de esquadrias e a aplicação de seus componentes, ministrando treinamentos ou orientando especificadores de obras.



SHOWROOM

Em nosso showroom, localizado em Vila Velha-ES, apresentamos nossas principais soluções em sistemas de esquadrias, guarda-corpos e fachadas e oferecemos aos nossos clientes a experiência de conhecer, manusear e apresentar para os seus consumidores o que há de melhor em perfis de alumínio.

Contamos também com uma câmara de teste de desempenho de estanqueidade à água.



SISTEMAS CONSTRUTIVOS EXCLUSIVOS

Atendem as normas ABNT
NBR 10.821, NBR 15.575 e NBR 14.718
Sistemas para: Caixilhos, Fachadas e Guarda-Corpos



Testados nas empresas:



DESEMPENHO ACÚSTICO



DESEMPENHO DE ESTANQUEIDADE À ÁGUA



DESEMPENHO DE PERMEABILIDADE AO AR



DESEMPENHO ESTRUTURAL



PERFIS EM ESTOQUE

Entre em contato com nossa equipe comercial e saiba quais perfis dos produtos abaixo estão disponíveis em nosso estoque para pronta entrega:

Linha **TEMPERADO**

Linha **BOX**

Linha **TABELADOS**

Linha **DIVERSOS**

Linha **25**

PORTÕES, LAMBRIS E VENEZIANAS

OLÁ EU SOU A PERLA,

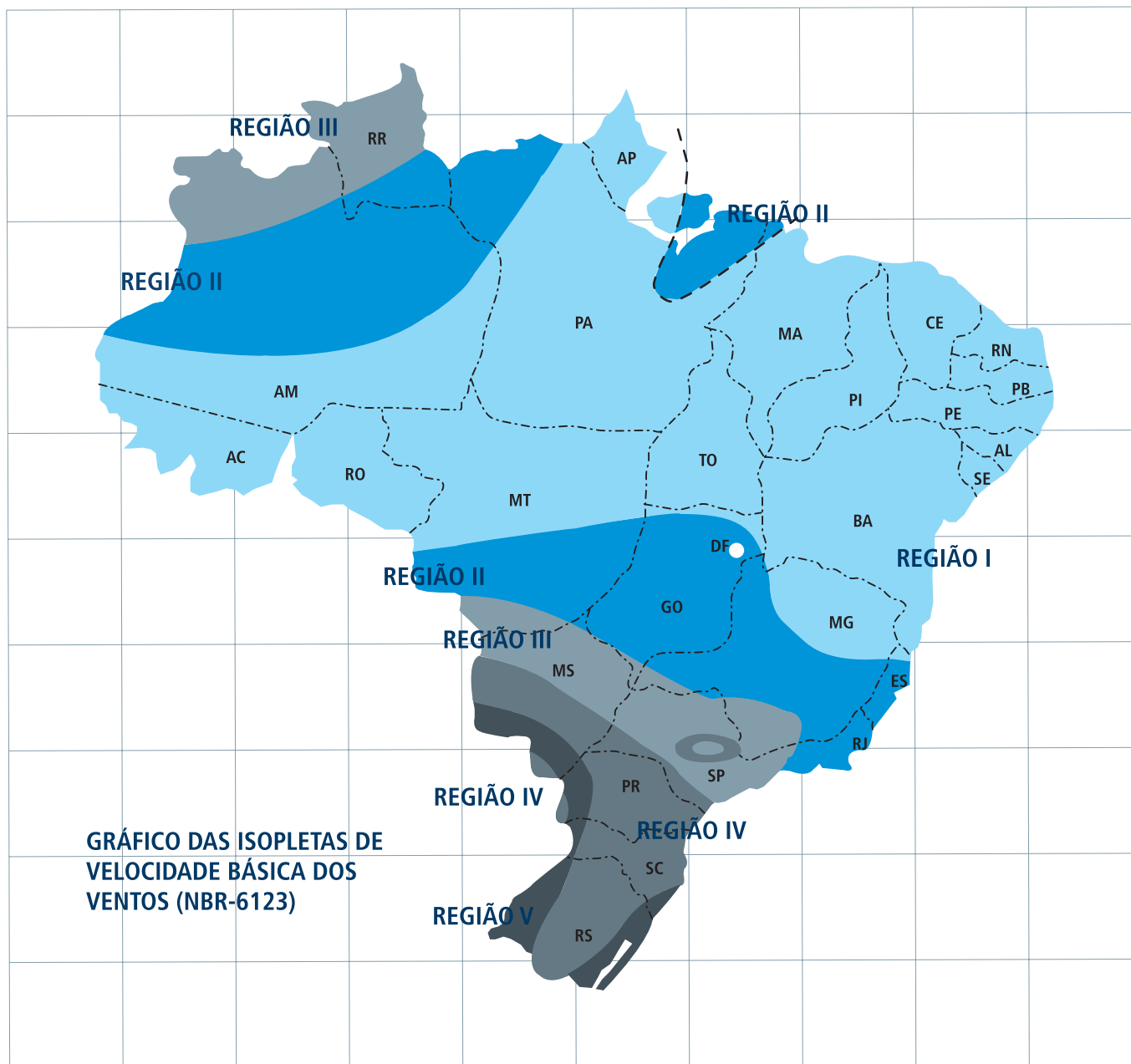
Temos a solução ideal para o seu projeto!

Escaneie o QR Code ao lado e saiba mais sobre nossos sistemas exclusivos para diversos segmentos do mercado.



Determinação da pressão de ventos que deve ser aplicada na esquadria conforme o local da edificação

1. Identifique no Mapa das Isopletas, a velocidade dos ventos característica da região da edificação.



Região		velocidade		pressão	
		m/s	km/h	kg/m ²	PA
	I	30	108	77	756
	II	35	126	105	1030
	III	40	144	137	1345
	IV	45	162	173	1698
	V	50	180	214	2100

Nota: adotado para cálculo escala internacional de **BEAUFORT**

2. Com a Região encontrada no gráfico das isopletas, verifique na tabela abaixo a Pressão de Ensaio compatível com a Altura ou Quantidade de pavimentos de sua edificação (Atenção: ver nota ``A`` abaixo);

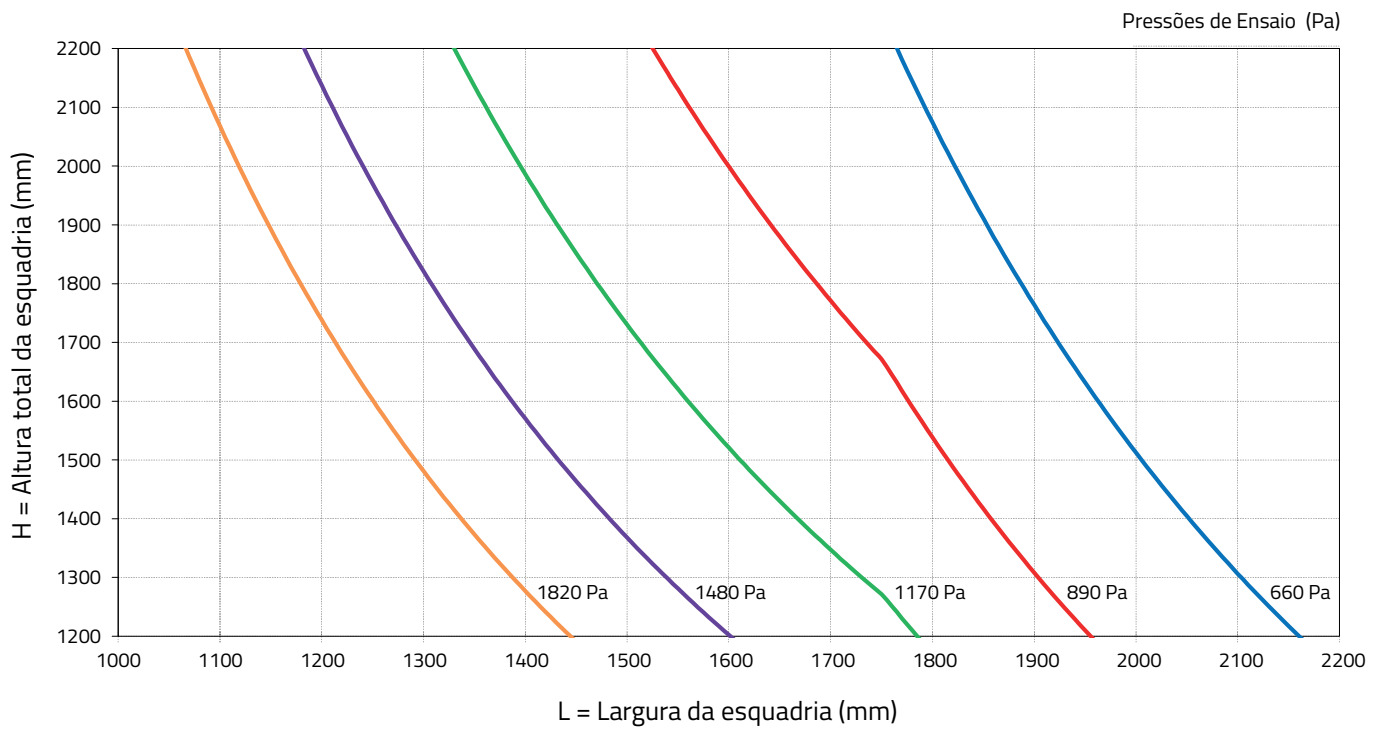
Tabela de pressão de ensaio para cargas uniformemente distribuídas					
Quantidade de pavimentos	Altura máxima	Região do País	Pressão de ensaio P_e , em (Pa) Positiva e negativa $P_e = P_p \times 1,2$	Pressão de segurança P_s , em (Pa) Positiva e negativa $P_s = P_e \times 1,5$	Pressão de água P_a , em (Pa) $P_a = P_p \times 0,20$
02	6 m	I	350	520	60
		II	470	700	80
		III	610	920	100
		IV	770	1160	130
		V	950	1430	160
05	15 m	I	420	640	70
		II	580	860	100
		III	750	1130	130
		IV	950	1430	160
		V	1180	1760	200
10	30 m	I	500	750	80
		II	680	1030	110
		III	890	1340	150
		IV	1130	1700	190
		V	1400	2090	230
20	60 m	I	600	900	100
		II	815	1220	140
		III	1060	1600	180
		IV	1350	2020	220
		V	1660	2500	280
30	90 m	I	660	980	110
		II	890	1340	150
		III	1170	1750	200
		IV	1480	2210	250
		V	1820	2730	300

3. Com a ``Pressão de Ensaio`` encontrada, é possível verificar nas páginas dos ``Gráficos de Desempenho``, as medidas máximas de largura e altura para as tipologias existentes em sua edificação. Para isso, ligue o eixo de largura ou de altura na curva referente à pressão de ensaio requerida e verifique a dimensão máxima correspondente (Atenção: ver nota ``B`` abaixo).

NOTAS:

- a) Para os edifícios com especificações, localização, necessidades e exigências especiais de utilização, deve ser consultada a norma **ABNT NBR- 6123** para a determinação da ``Pressão de Ensaio`` (P_e) a ser adotada, prevalecendo como mínimos os valores da tabela acima. Fachadas cortinas e coberturas também devem ser projetadas e especificadas, quanto às pressões de vento, conforme a **ABNT NBR-6123**. Os projetos e cálculos estruturais pertinentes a estas tipologias devem ser assumidos por profissional técnico habilitado;
- b) Nos gráficos de desempenho a seguir, foram considerados os valores de ``Pressão de Ensaio`` e ``Pressão de Segurança``, de acordo com a norma **ABNT NBR-10821**, para fachadas entre vãos;
- c) A espessura mínima do vidro deve ser calculada utilizando-se o valor da ``Pressão de Segurança`` requerida para a esquadria (para maiores informações consultar a **ABNT NBR-10821** - Partes 2 e 3).

COMPORTAMENTO ESTRUTURAL



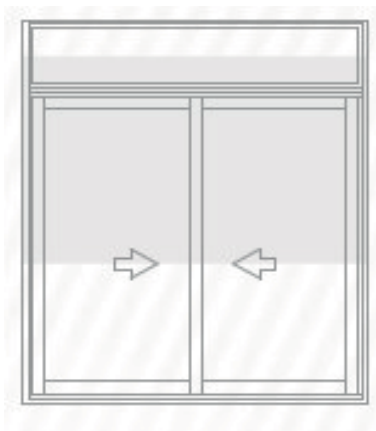
Região I

Região II

Região III

Região IV

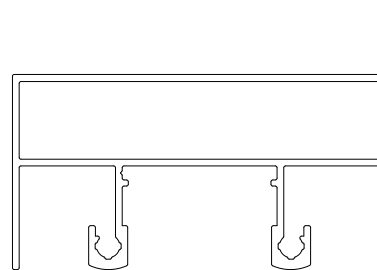
Região V



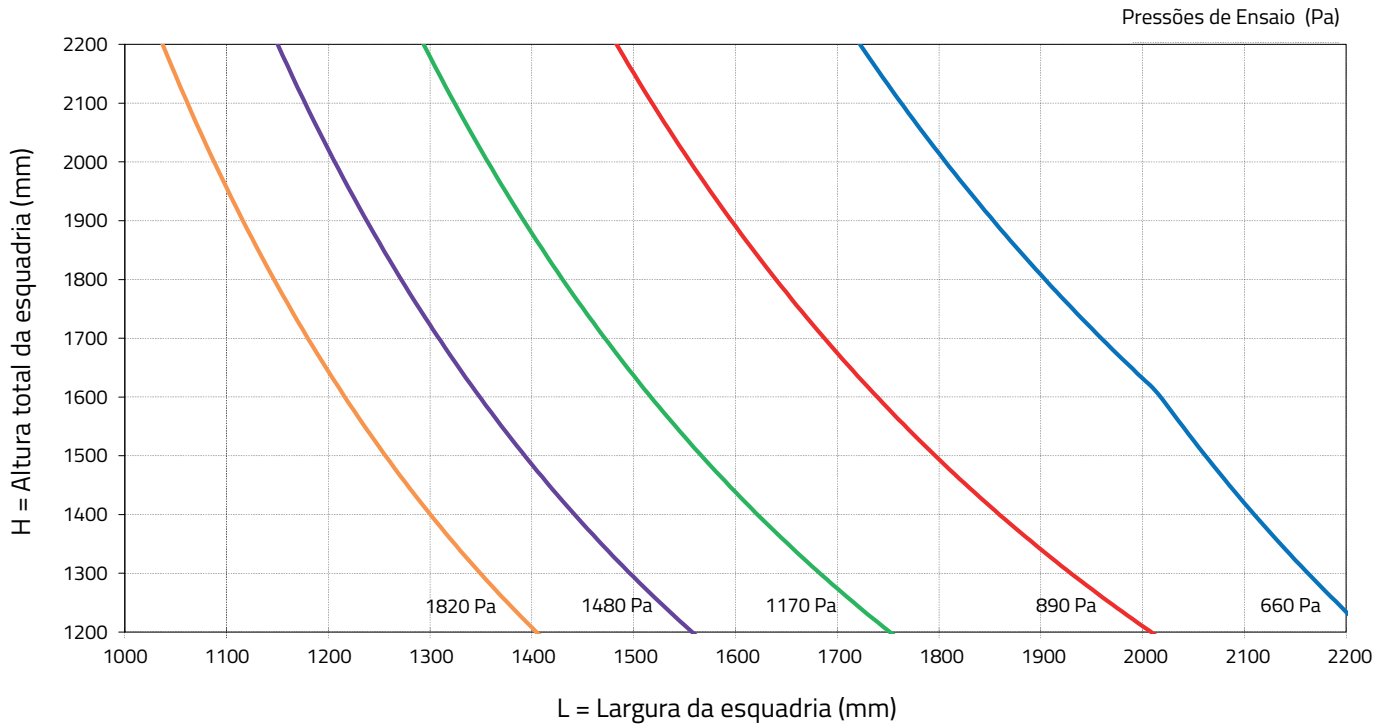
ECO-705

Jx: 3,6485cm⁴

Wx: 1,469cm³



COMPORTAMENTO ESTRUTURAL



Região I

Região II

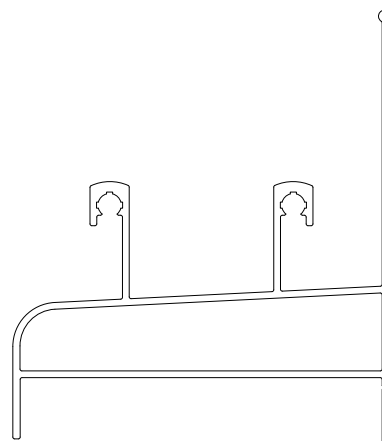
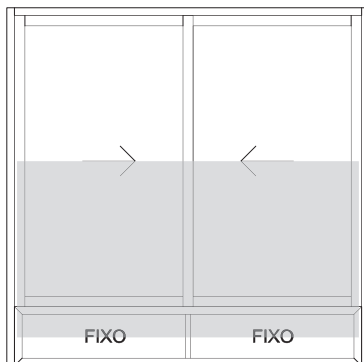
Região III

Região IV

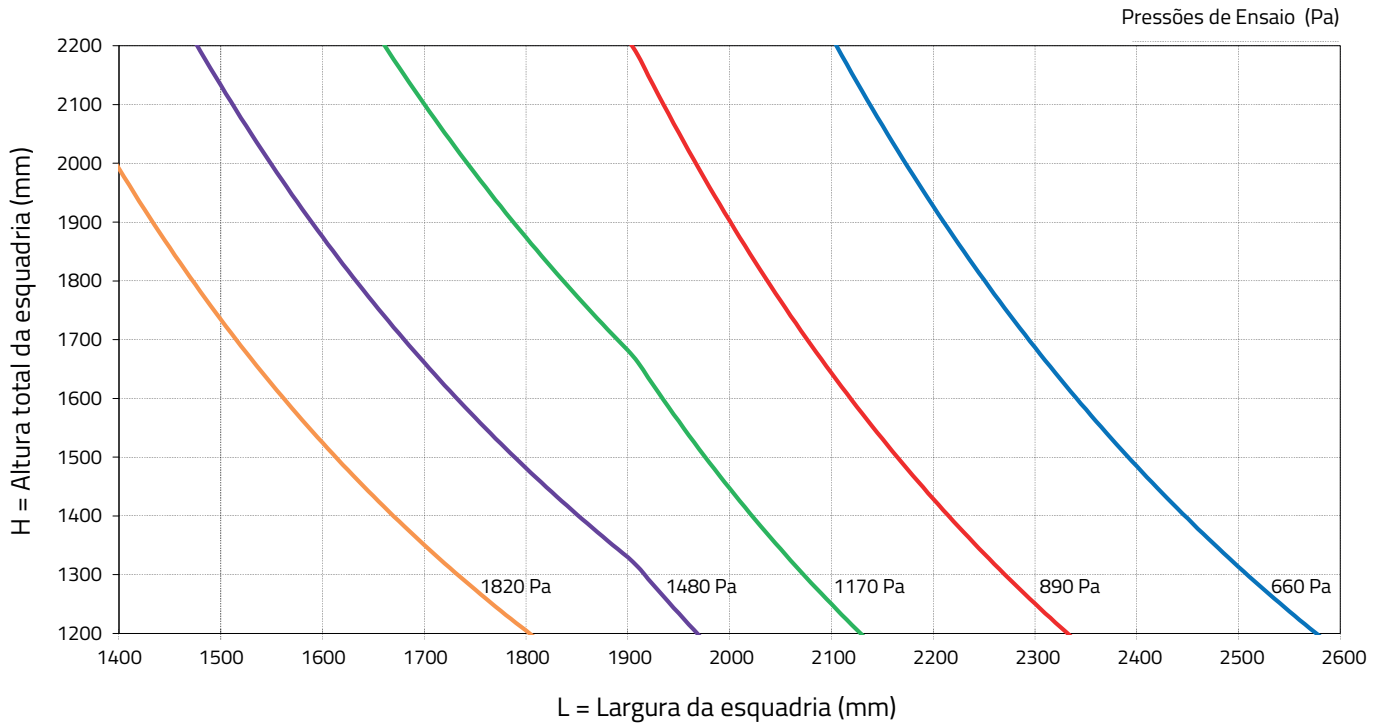
Região V

ECO-706

Jx: 7,5973cm⁴
Wx: 1,719cm³



COMPORTAMENTO ESTRUTURAL



Região I

Região II

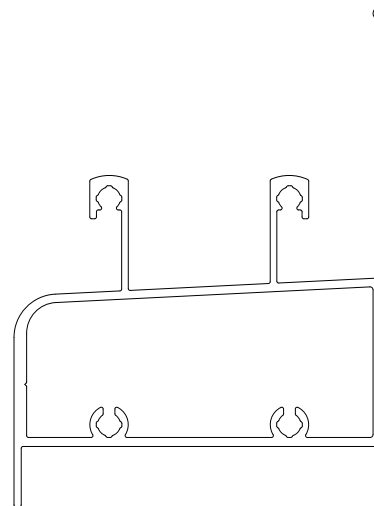
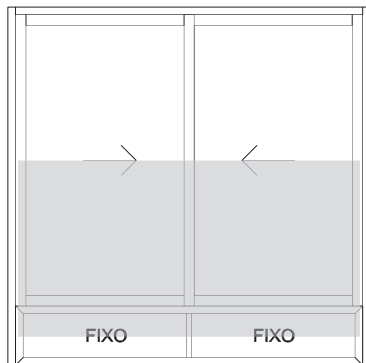
Região III

Região IV

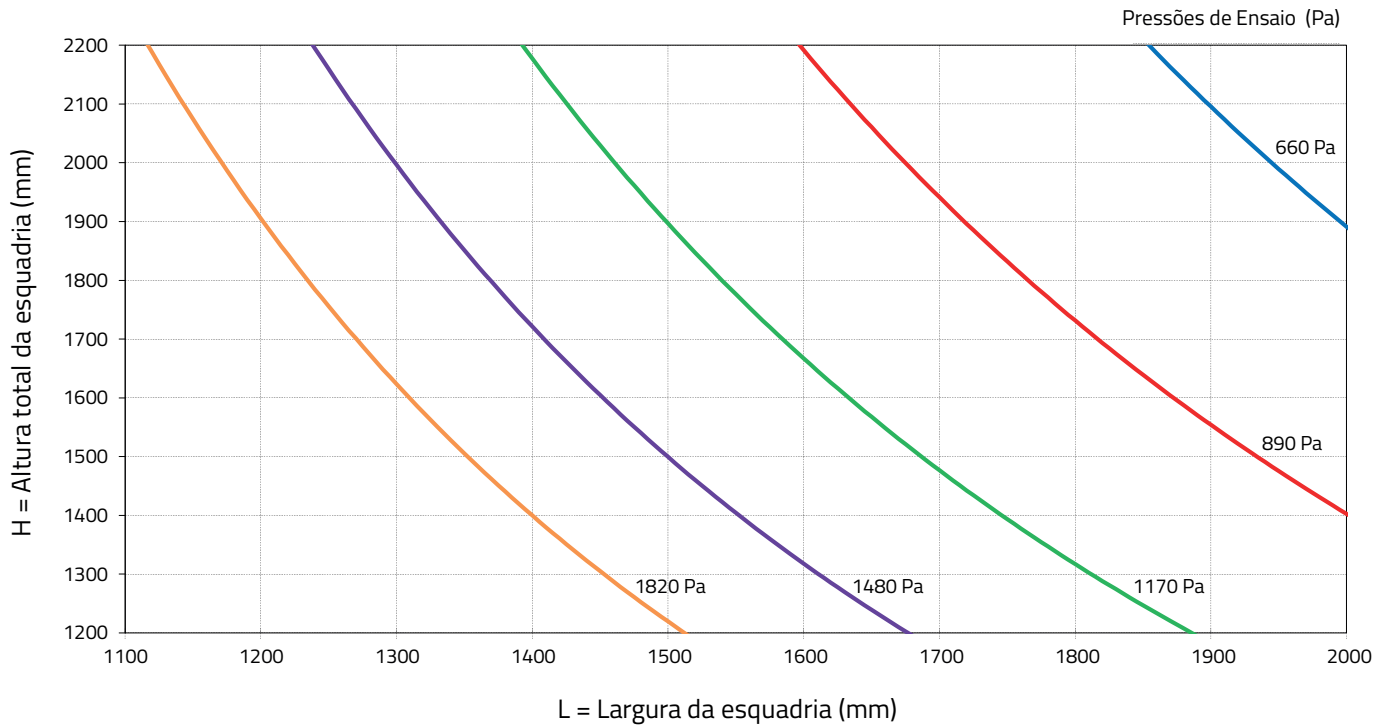
Região V

ECO-714

Jx: 16,0005cm⁴
Wx: 3,036cm³



COMPORTAMENTO ESTRUTURAL



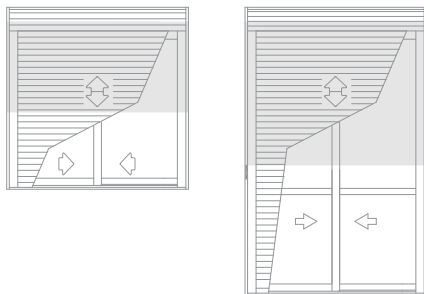
Região I

Região II

Região III

Região IV

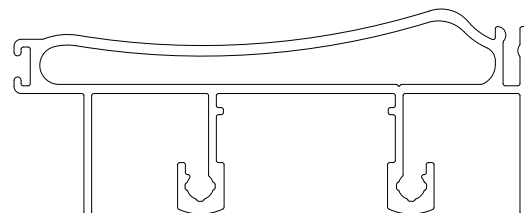
Região V



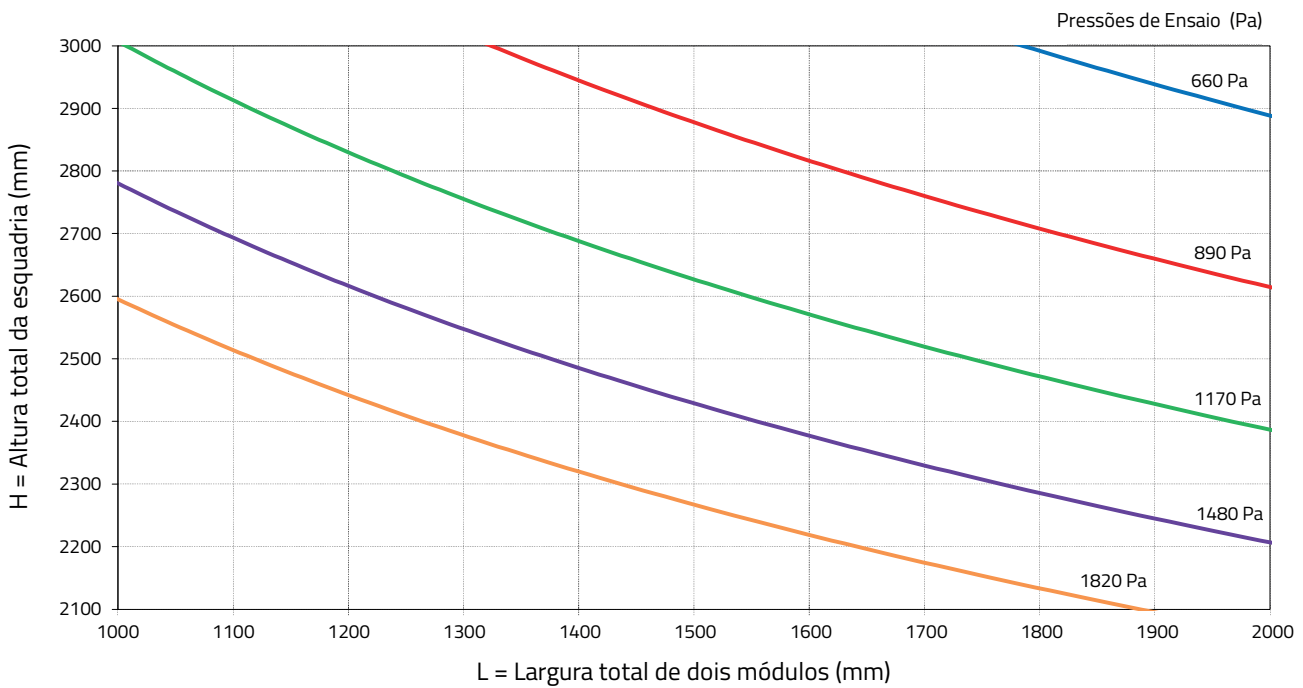
SEM ESCALA

ECO-715

Jx: 2,2936cm⁴
Wx: 1,394cm³



COMPORTAMENTO ESTRUTURAL



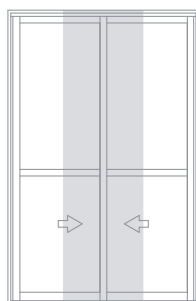
Região I

Região II

Região III

Região IV

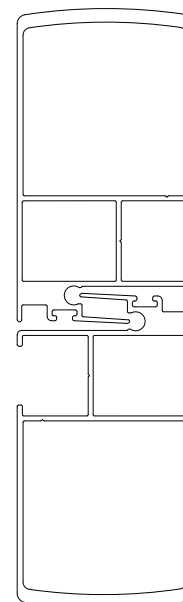
Região V



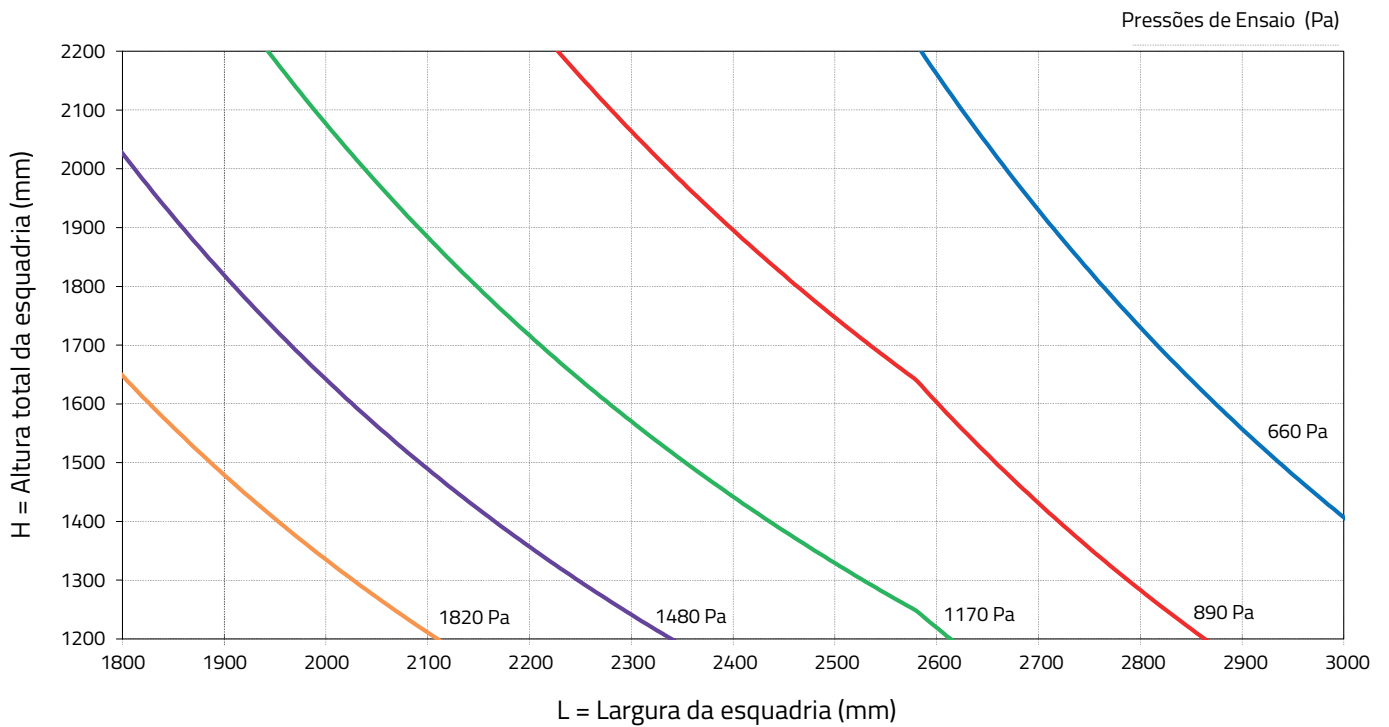
SEM ESCALA

ECO-720

Jx: 51,7800cm⁴
Wx: 14,272cm³



COMPORTAMENTO ESTRUTURAL



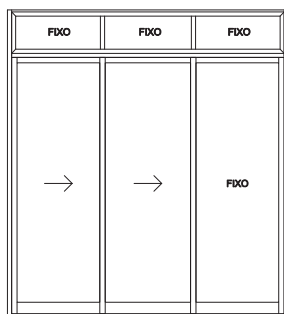
Região I

Região II

Região III

Região IV

Região V

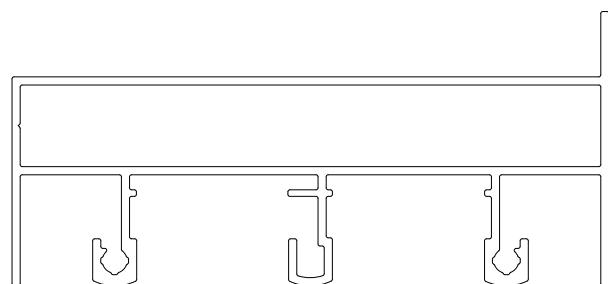


SEM ESCALA

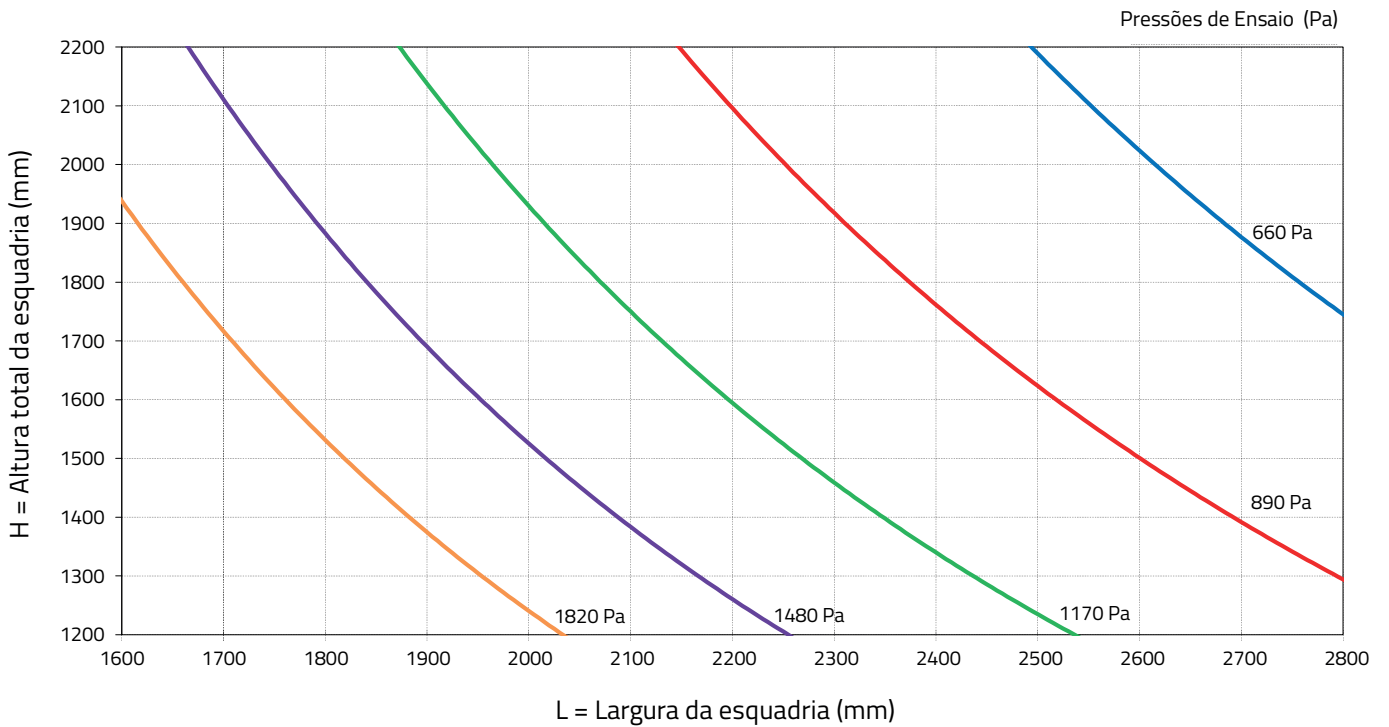
ECO-722

Jx: 5,1592cm⁴

Wx: 2,162cm³



COMPORTAMENTO ESTRUTURAL



Região I

Região II

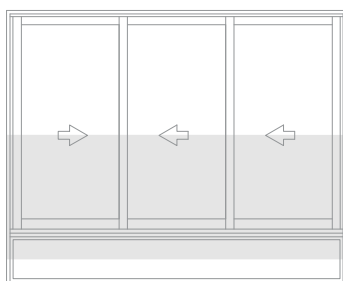
Região III

Região IV

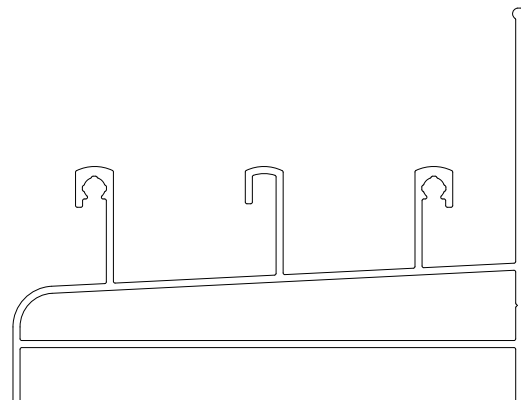
Região V

ECO-723

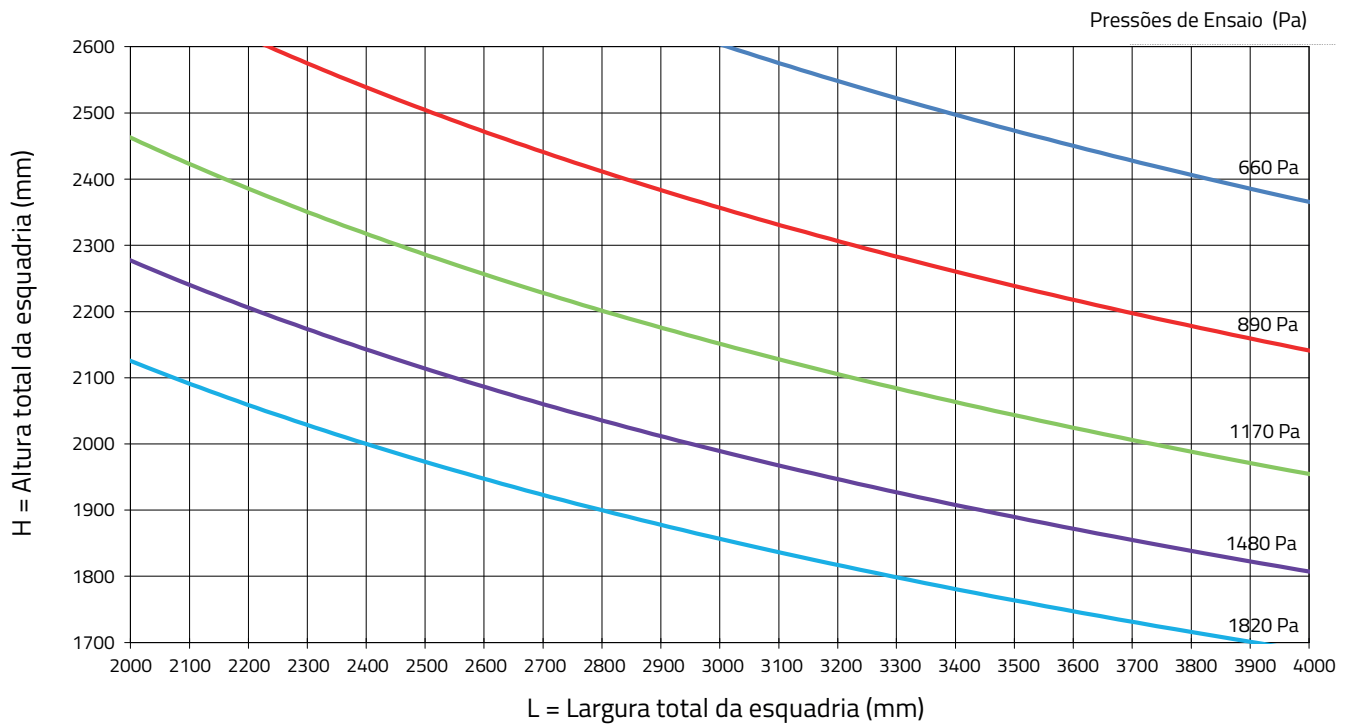
Jx: 9,2158cm⁴
Wx: 2,038cm³



SEM ESCALA



COMPORTAMENTO ESTRUTURAL



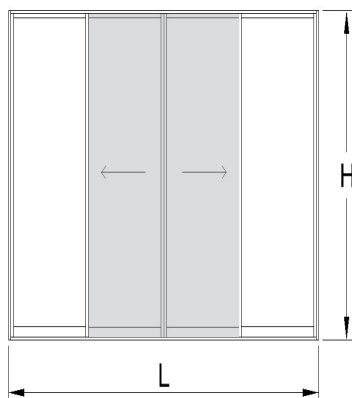
Região I

Região II

Região III

Região IV

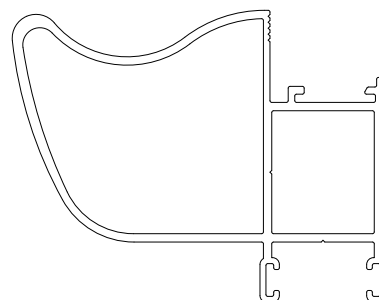
Região V



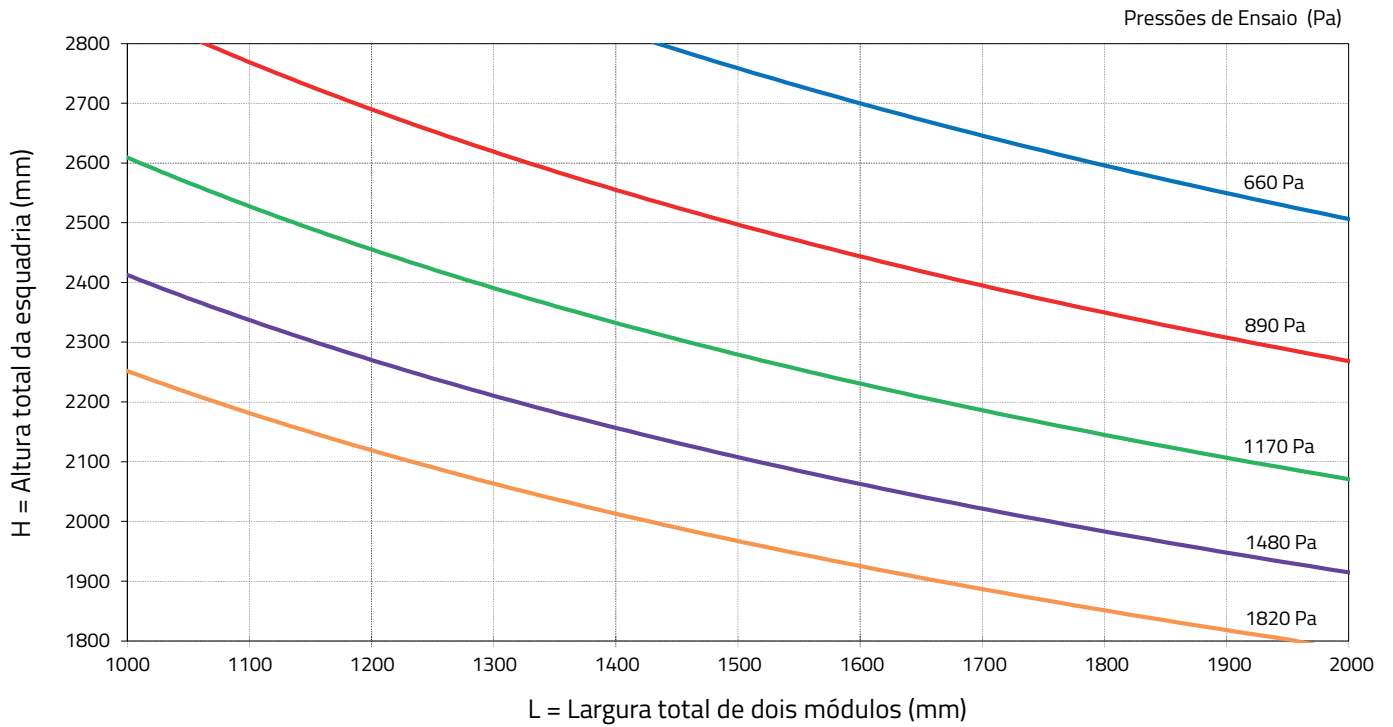
ECO-734

Jx: 14,2212cm⁴

Wx: 4,116cm³



COMPORTAMENTO ESTRUTURAL



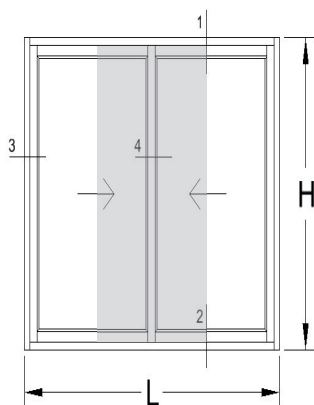
Região I

Região II

Região III

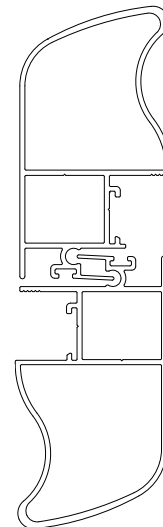
Região IV

Região V

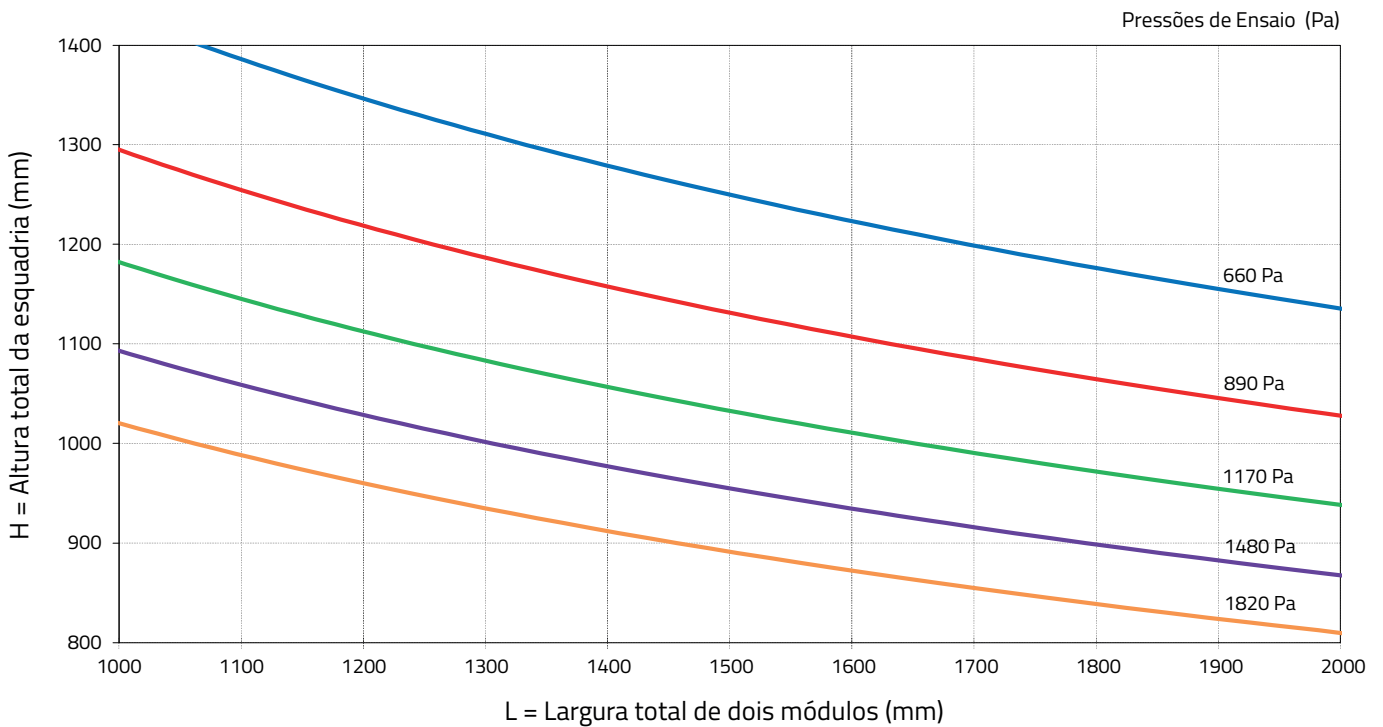


ECO-735/ECO-736

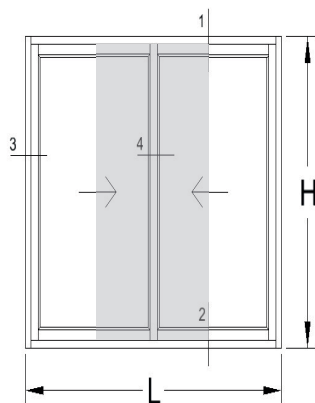
Jx: 33,8249cm⁴
Wx: 9,125cm³



COMPORTAMENTO ESTRUTURAL

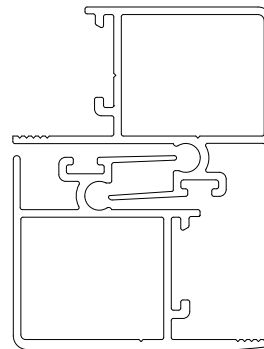


- Região I
- Região II
- Região III
- Região IV
- Região V



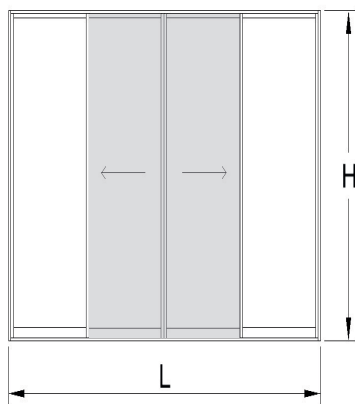
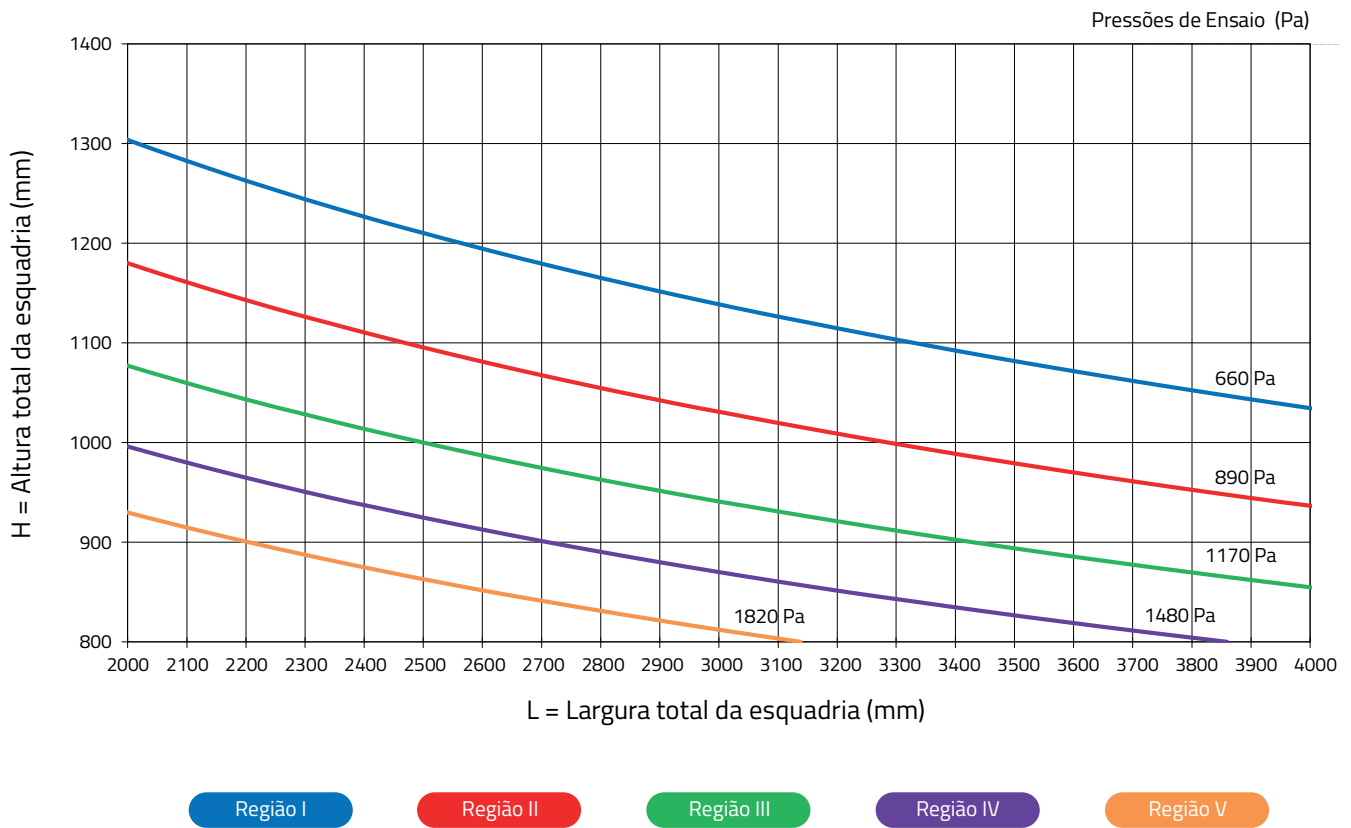
ECO-737/ECO-719

Jx: 3,1465cm⁴
Wx: 2,002cm³



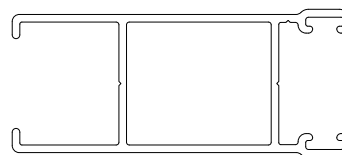
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

COMPORTAMENTO ESTRUTURAL

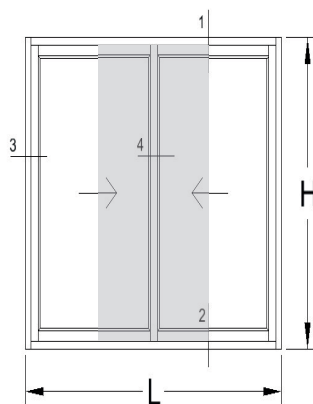
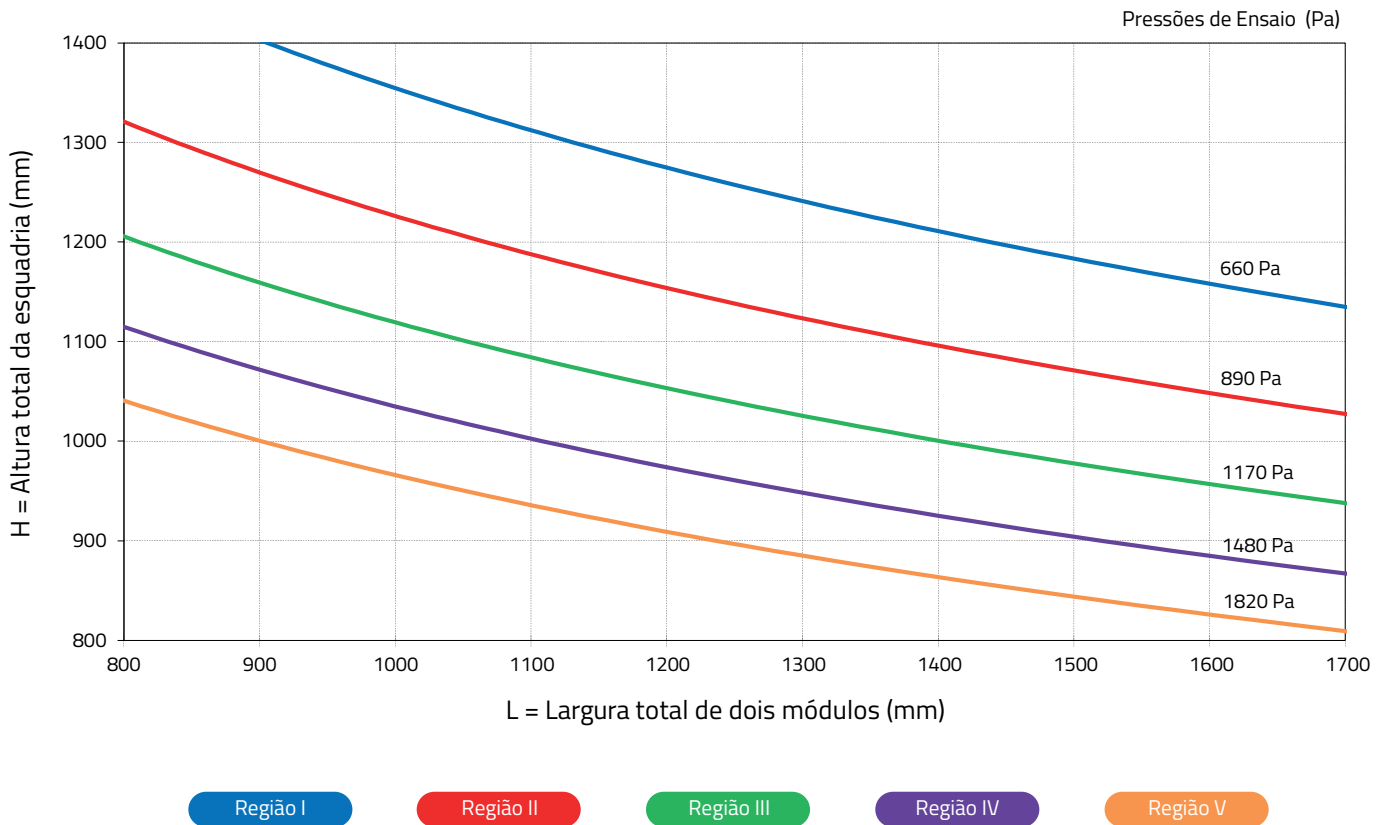


ECO-739

Jx: 1,9000cm⁴
Wx: 1,108cm³

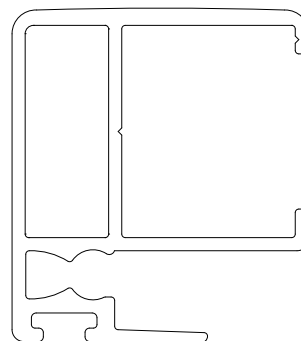


COMPORTAMENTO ESTRUTURAL

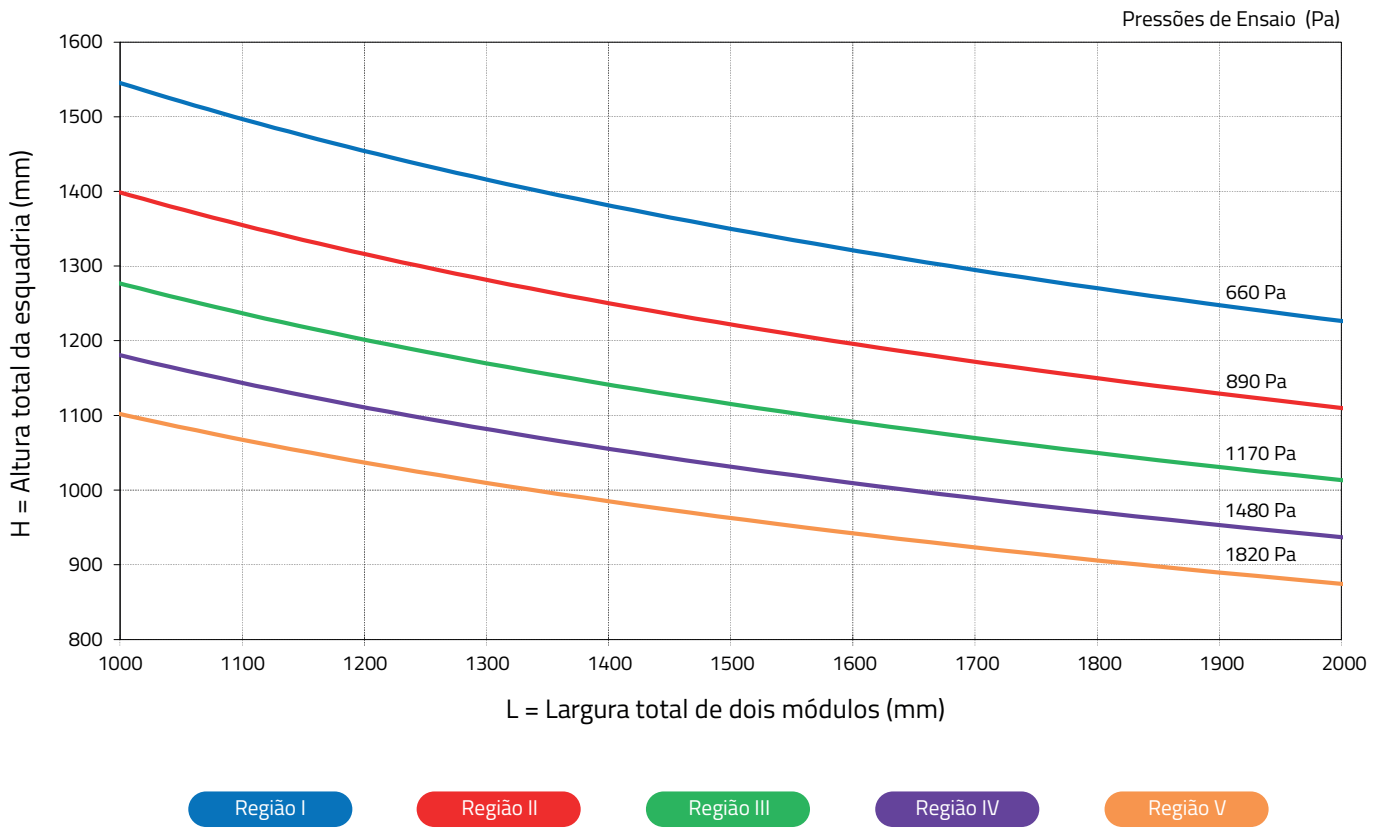


ECO-743

Jx: 1,3351cm⁴
Wx: 0,909cm³

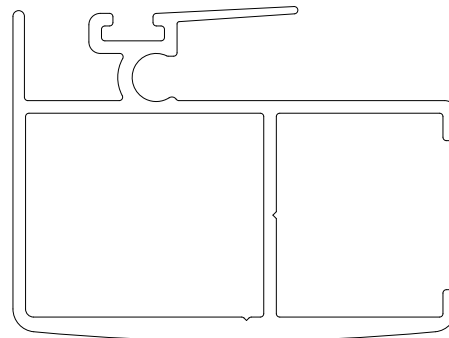
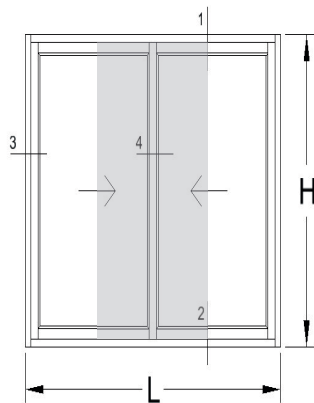


COMPORTAMENTO ESTRUTURAL

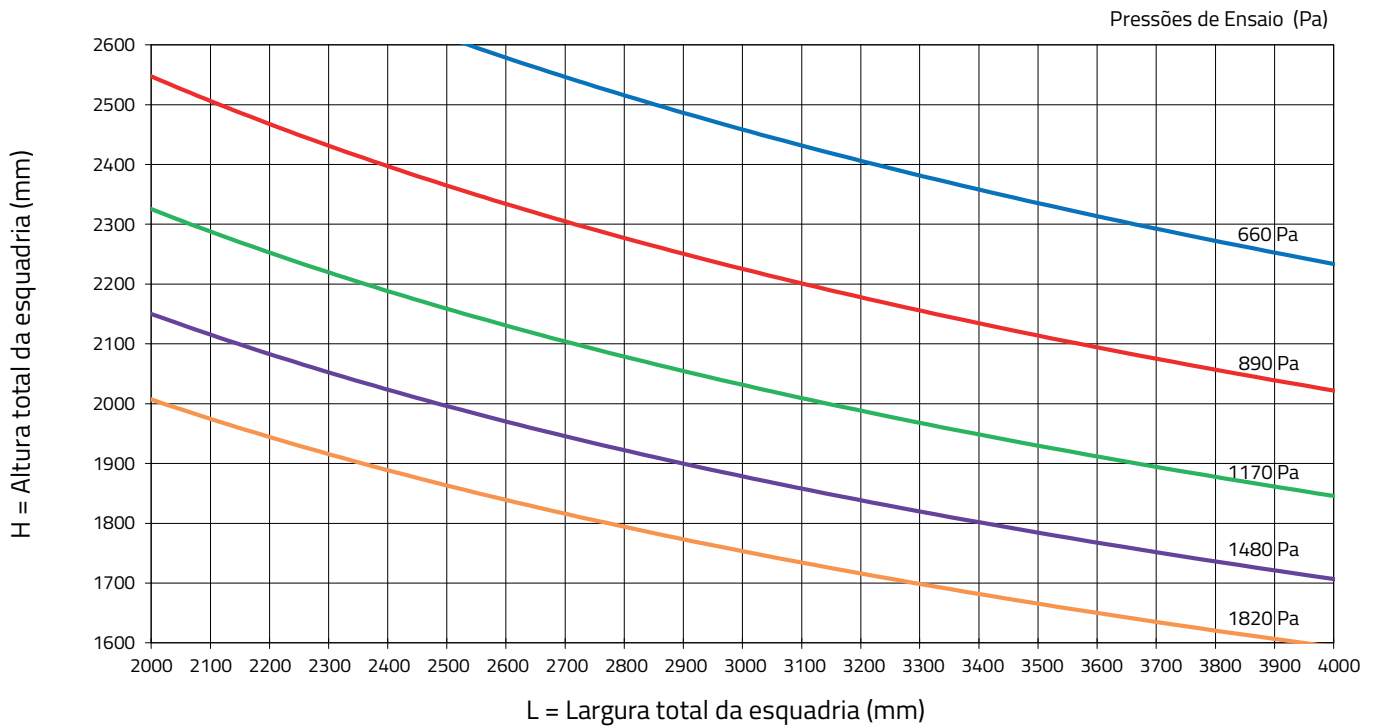


ECO-756

$Jx: 1,9820\text{cm}^4$
 $Wx: 1,193\text{cm}^3$



COMPORTAMENTO ESTRUTURAL



Região I

Região II

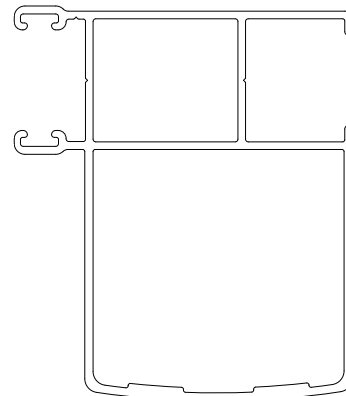
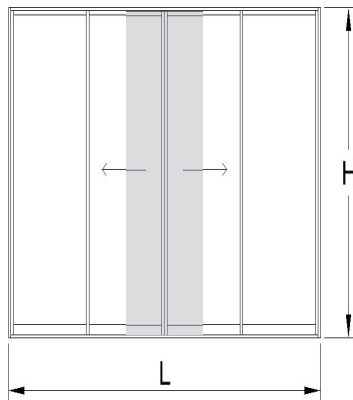
Região III

Região IV

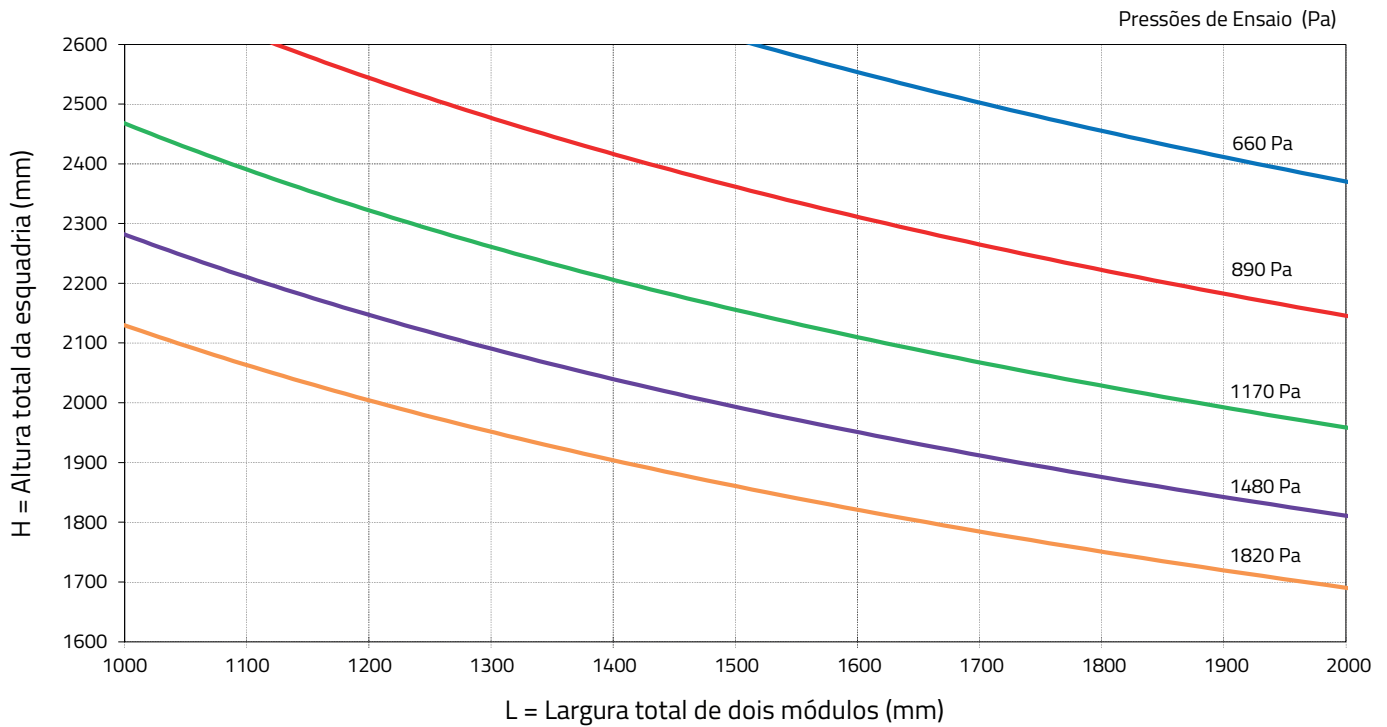
Região V

ECO-760

Jx: 11,9730cm⁴
Wx: 3,921cm³



COMPORTAMENTO ESTRUTURAL



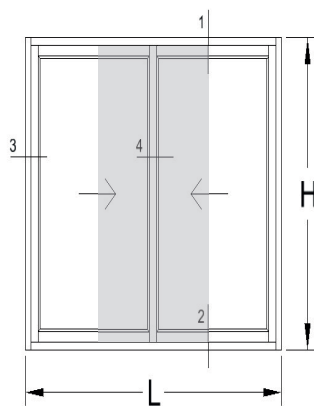
Região I

Região II

Região III

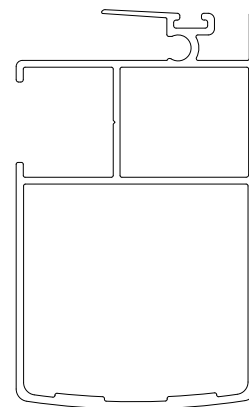
Região IV

Região V

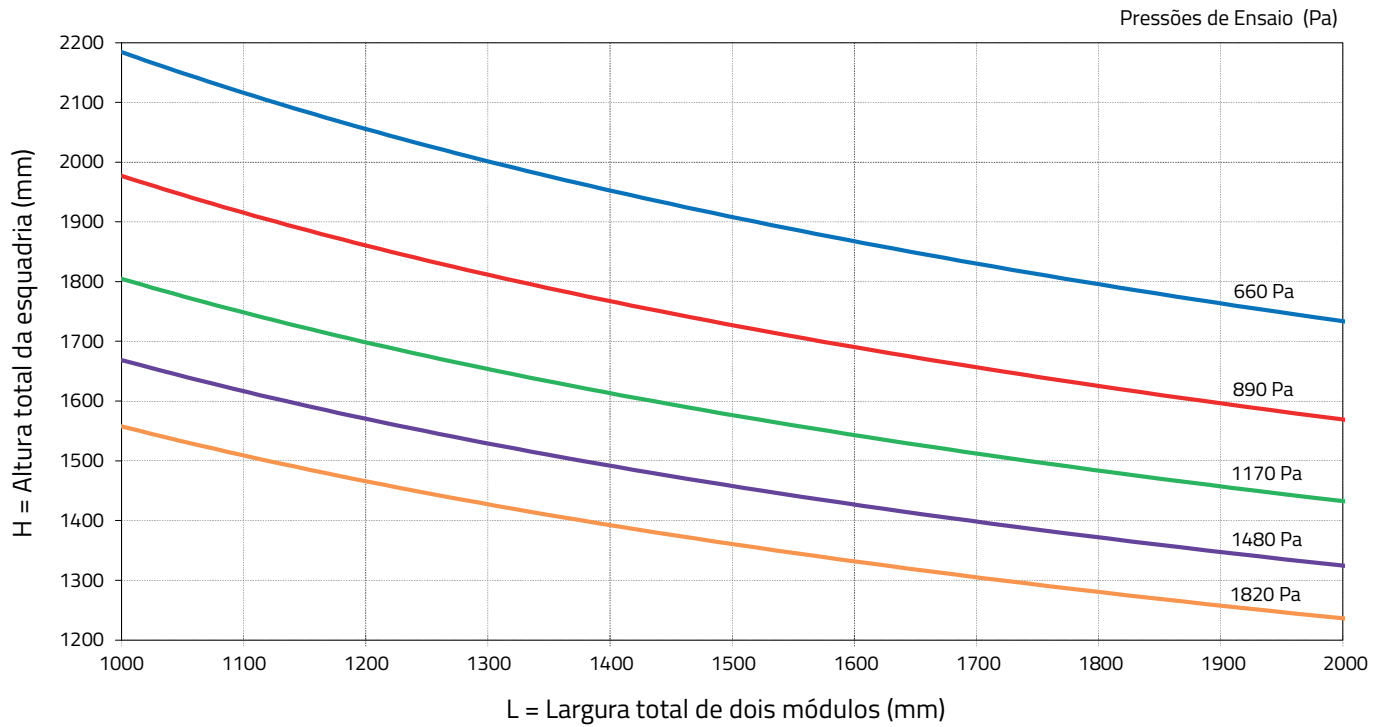


ECO-761

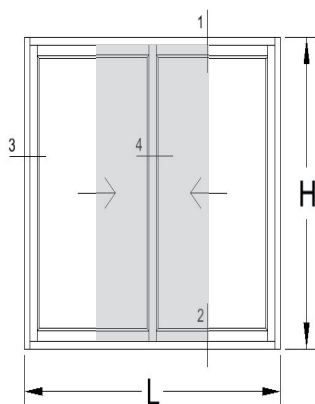
Jx: 14,3087cm⁴
Wx: 4,388cm³



COMPORTAMENTO ESTRUTURAL

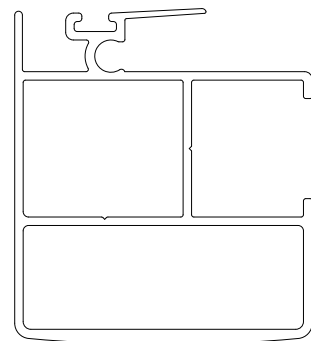


- Região I
- Região II
- Região III
- Região IV
- Região V



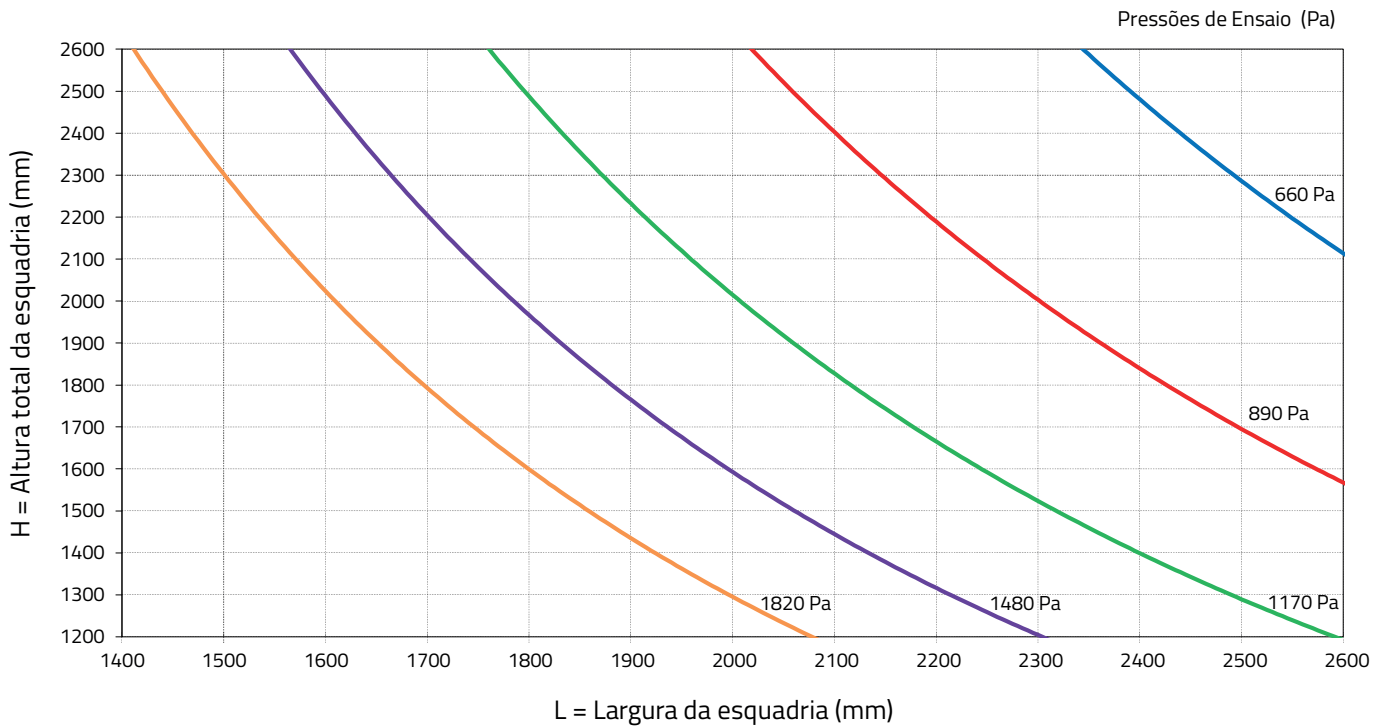
ECO-780

Jx: 5,5976cm⁴
Wx: 2,335cm³

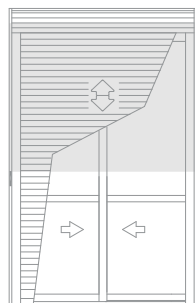
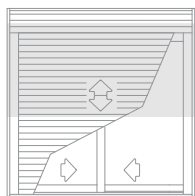


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

COMPORTAMENTO ESTRUTURAL



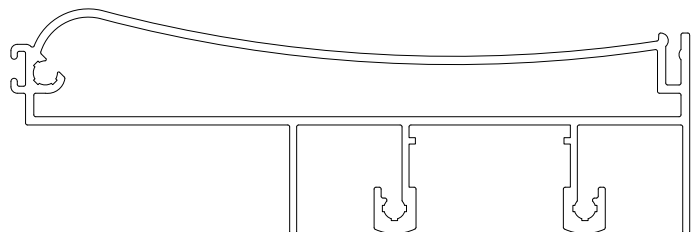
Região I Região II Região III Região IV Região V



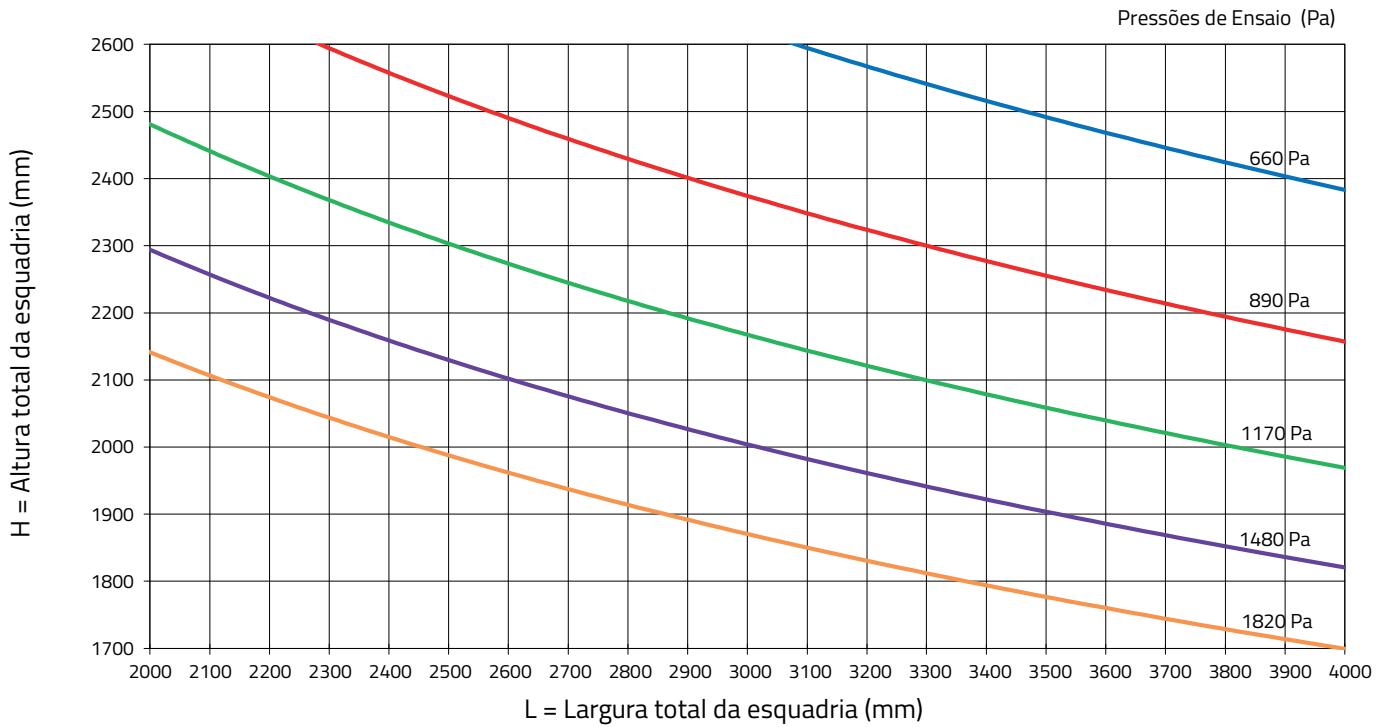
SEM ESCALA

ECO-790

Jx: 4,0701cm⁴
Wx: 2,117cm³



COMPORTAMENTO ESTRUTURAL



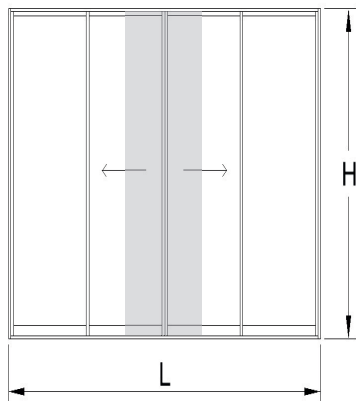
Região I

Região II

Região III

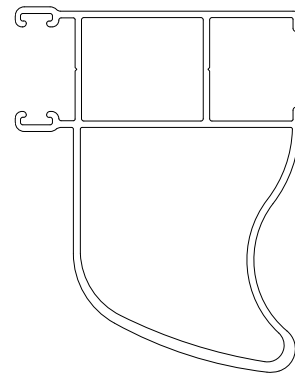
Região IV

Região V

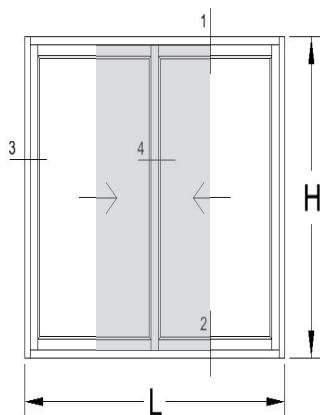
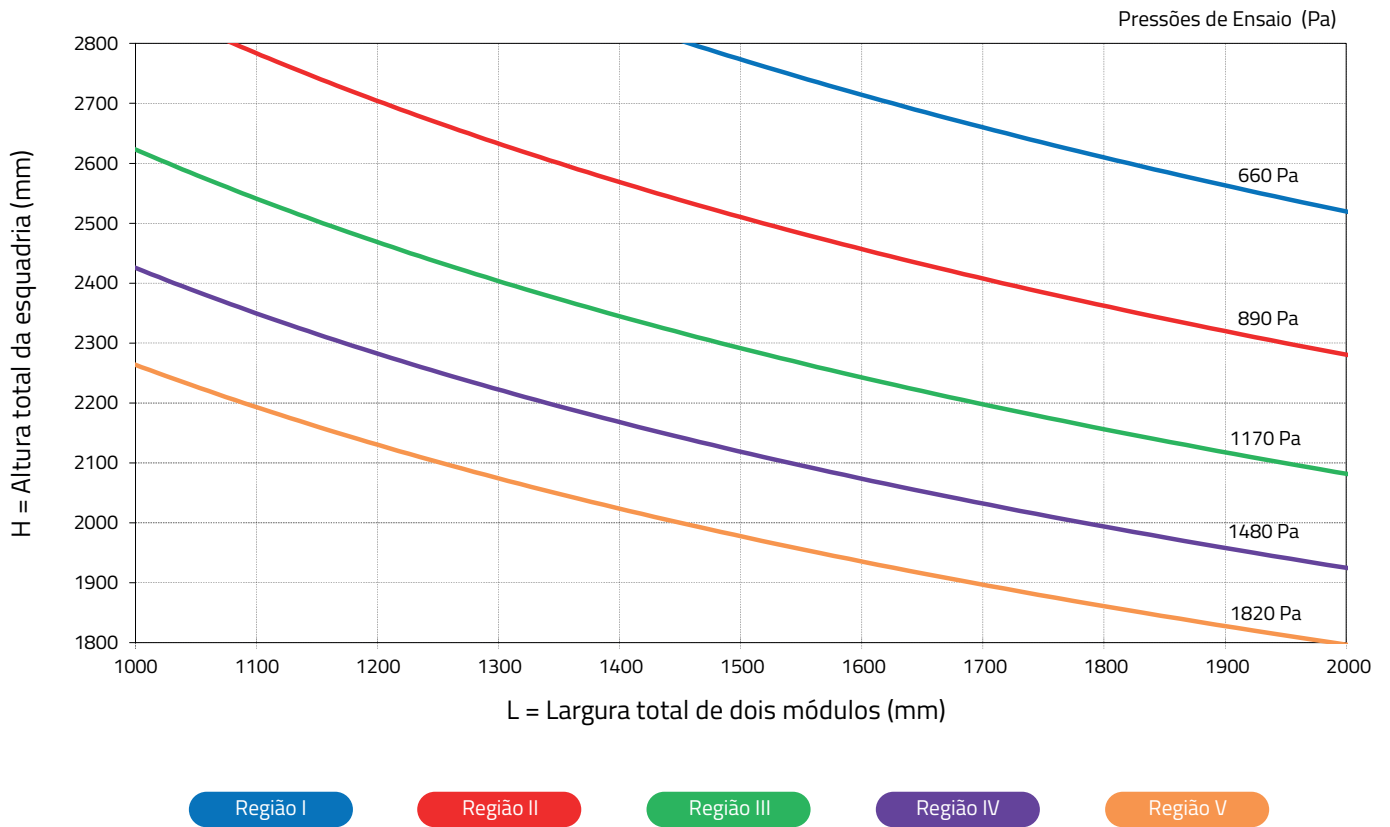


ECO-795

Jx: 14,5408cm⁴
Wx: 4,274cm³

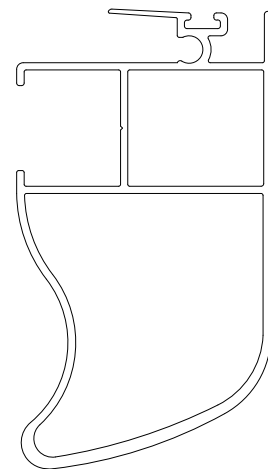


COMPORTAMENTO ESTRUTURAL

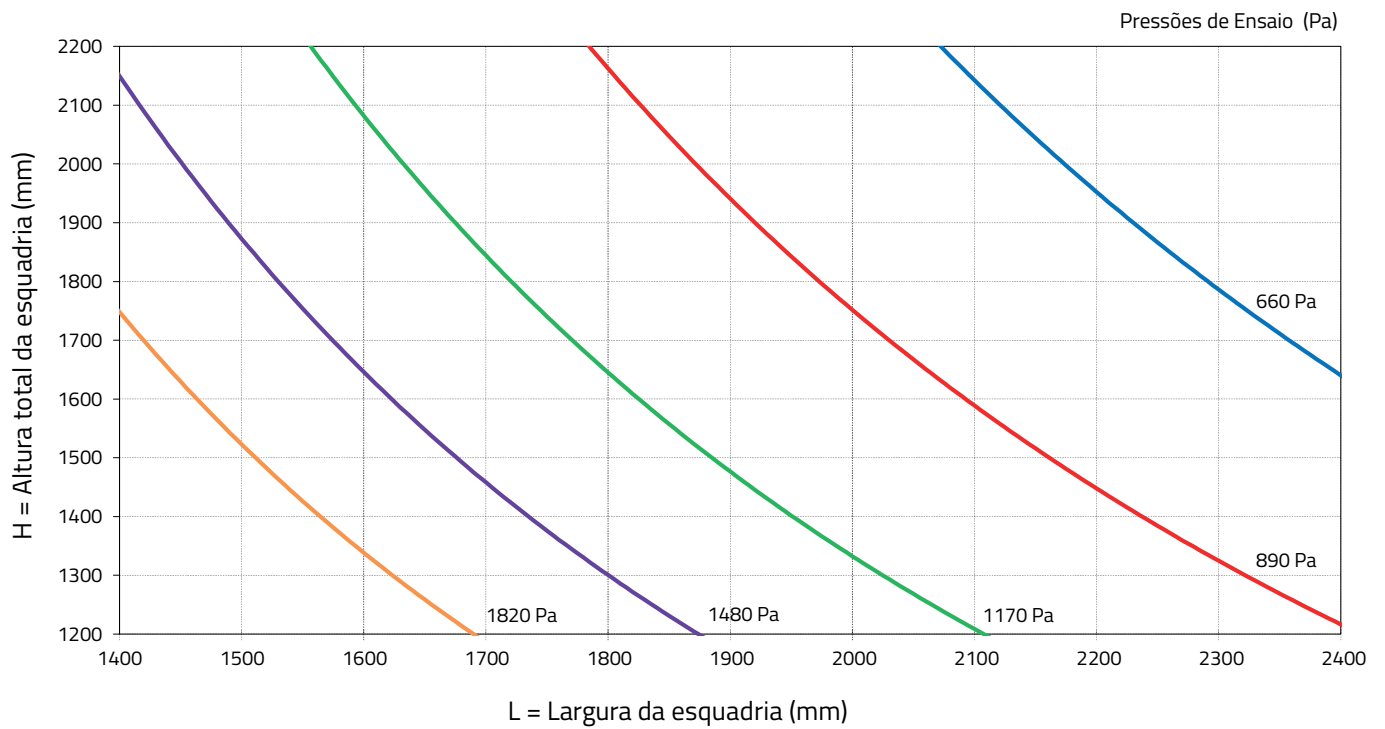


ECO-796

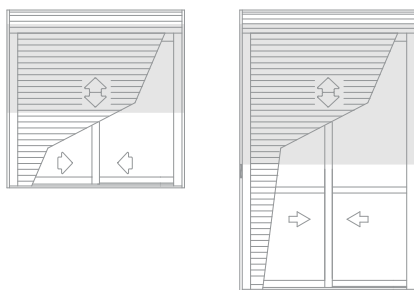
Jx: 17,1826cm⁴
Wx: 4,774cm³



COMPORTAMENTO ESTRUTURAL



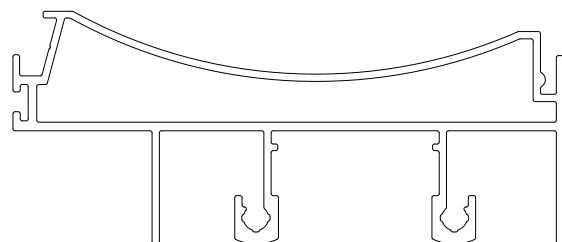
- Região I
- Região II
- Região III
- Região IV
- Região V



SEM ESCALA

ECO-801

Jx: 3,1397cm⁴
Wx: 1,770cm³



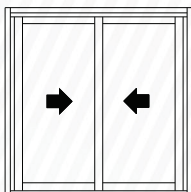
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



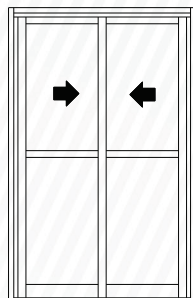
UNILALION

TIPOLOGIAS

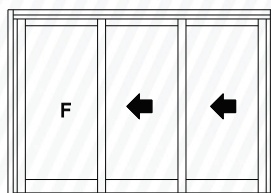
JANELA DE CORRER
2 FOLHAS



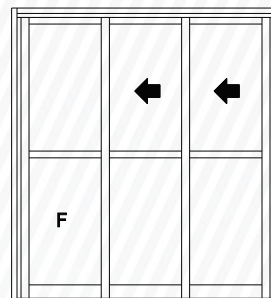
PORTA DE CORRER
2 FOLHAS



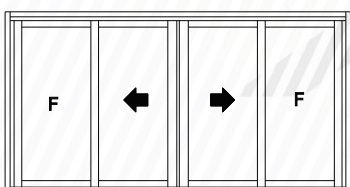
JANELA DE CORRER
3 FOLHAS



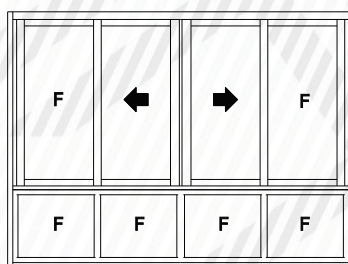
PORTA DE CORRER
3 FOLHAS



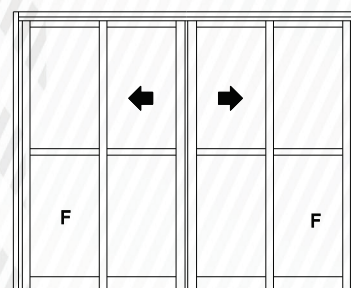
JANELA DE CORRER
4 FOLHAS



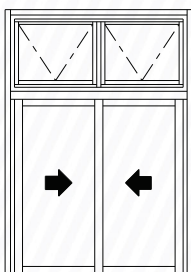
JANELA DE CORRER
4 FOLHAS COM PEITORIL FIXO



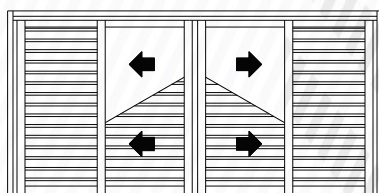
PORTA DE CORRER
4 FOLHAS



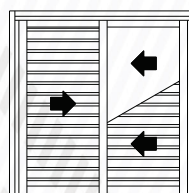
JANELA DE CORRER
2 FOLHAS COM
BANDEIRA MÓVEL



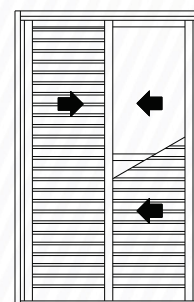
JANELA DE CORRER
6 FOLHAS VENEZIANA



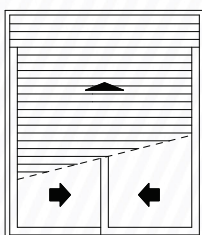
JANELA DE CORRER
3 FOLHAS VENEZIANA



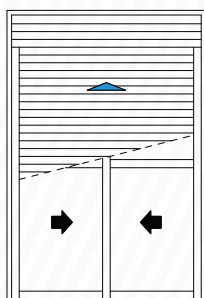
PORTA DE CORRER
3 FOLHAS VENEZIANA



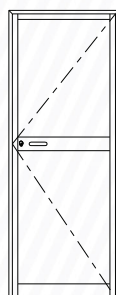
JANELA DE CORRER
2 FOLHAS COM PERSIANA



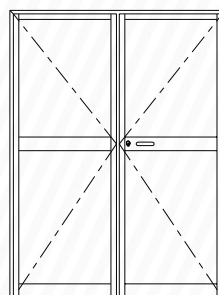
PORTA DE CORRER
2 FOLHAS COM PERSIANA



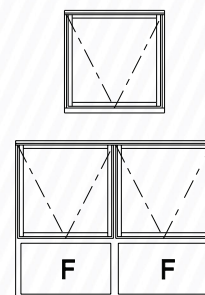
PORTA DE GIRO
1 FOLHA



PORTA DE GIRO
2 FOLHAS



JANELAS MAXIM-ARES



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

UNION

PERFIS



CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
25-548	Montante e Travessa da Folha		0,29	64
AL-013	Tampa do Marco		0,117	65
BG-202	Baguete		0,116	63
CL-006	Conexão		1,100	41
CL-011	Cunha		0,333	41
CM-060	Contramarco		0,283	41
CM-174	Contramarco		0,417	41
CM-200	Contramarco		0,200	41
CM-210	Contramarco		0,246	41
CM-211	Contramarco		0,475	41
CM-802	Contramarco Especial		0,573	42
CM-803	Contramarco		0,761	42
CM-804	Chumbador		0,645	42
CM-805	Contramarco		0,570	42
CM-809	Contramarco Soleira de Porta		0,290	41
CM-811	Contramarco Soleira de Porta		0,523	41
ECO-103	Baguete		0,150	63
ECO-701	Marco Superior 2 Planos		0,610	43
ECO-702	Marco Inferior 2 Planos		0,640	43
ECO-703	Marco Lateral 2 Planos		0,422	44
ECO-704	Marco Superior (Band.) e Inferior (Peit.)		0,372	43
ECO-705	Travessa Intermediária (Band.) 2 Planos		0,820	44
ECO-706	Travessa Intermediária (Peit.) 2 Planos		0,880	44
ECO-707	Marco Lateral 2 Planos		0,300	44
ECO-708	Eixo Octogonal - 40 mm	-	0,537	57
ECO-709	Travessa Superior / Inferior		0,390	62
ECO-710	Marco Superior 3 Planos		0,803	45
ECO-711	Marco Inferior 3 Planos		0,820	45
ECO-712	Marco Lateral 3 Planos		0,513	46
ECO-713	Marco Lateral 3 Planos		0,605	46
ECO-714	Travessa Intermediária (Peit.) 2 Planos		1,256	44
ECO-715	Travessa Intermediária Persiana - Reforçado	Unnion - A (Parafusado) 120	0,975	51
ECO-716	Travessa Inferior da Porta		0,959	62
ECO-717	Travessa Intermediária		0,449	62
ECO-718	Montante Lateral / Central		0,423	61
ECO-719	Montante Central com Engate		0,497	62
ECO-720	Montante Central com Engate e Reforço		1,160	59
ECO-721	Montante Lateral / Central com Reforço		1,045	58
ECO-722	Travessa Intermediária (Band.) 3 Planos		1,232	46
ECO-723	Travessa Intermediária (Peit.) 3 Planos		1,260	46

CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
ECO-724	Travessa Superior / Inferior		0,407	60
ECO-726	Travessa Intermediária		0,420	60
ECO-727	Marco Superior (Band.) e Inferior (Peit.)		0,550	45
ECO-728	Travessa Inferior da Porta		0,820	61
ECO-729	Marco Inferior 3 Planos		0,760	45
ECO-730	Montante e Travessa da Folha		0,590	64
ECO-731	Marco Inferior 2 Planos		0,560	43
ECO-732	Marco Porta de Giro		0,430	64
ECO-733	Mata-junta		0,170	47
ECO-734	Montante Lateral / Central com Reforço		0,948	61
ECO-735	Montante Central com Engate e Reforço		0,939	62
ECO-736	Montante Central com Engate e Reforço		0,964	62
ECO-737	Montante Central com Engate		0,426	61
ECO-738	Montante Lateral / Central com Reforço		0,593	61
ECO-739	Montante Lateral / Central		0,453	58
ECO-740	Marco Inferior 2 Planos		0,533	43
ECO-741	Marco Inferior 2 Planos		0,589	43
ECO-742	Baguete		0,094	63
ECO-743	Montante Central com Engate		0,387	60
ECO-744	Montante Lateral / Central		0,370	59
ECO-745	Coluna com Olhal		0,618	63
ECO-746	Marco Superior 4 Planos		1,038	47
ECO-747	Marco Inferior 4 Planos		0,916	47
ECO-748	Marco Lateral 4 Planos		0,516	47
ECO-751	Marco Inferior 4 Planos		1,068	47
ECO-753	Montante lateral para Cremona		0,496	58
ECO-754	Mata-Junta para Cremona		0,348	47
ECO-755	Travessa Superior da Folha		0,528	64
ECO-756	Montante Central com Engate		0,535	59
ECO-757	Montante Central com Engate Duplo		0,602	60
ECO-758	Travessa Intermediária		0,498	60
ECO-760	Montante Lateral / Central com Reforço		0,840	58
ECO-761	Montante Central com Engate e Reforço		0,853	59
ECO-762	Inversor para Baguete		0,238	63
ECO-763	Montante e Travessa Inferior da Folha		0,480	63
ECO-764	Travessa Superior da Folha		0,366	63
ECO-765	Marco Maxim-Ar		0,340	63
ECO-766	Marco Maxim-Ar		0,304	63
ECO-767	Marco Maxim-Ar		0,412	63
ECO-768	Marco Superior Persiana	Union - A (Parafusado) 120	0,670	48

CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
ECO-770	Marco Inferior Persiana	Unnion - A (Parafusado) 120	0,802	52
ECO-771	Marco Lateral da Persiana	Unnion - A (Parafusado) 120	0,468	54
ECO-772	Tampa Externa da Persiana	Unnion - A (Parafusado) 120	0,820	49
ECO-774	Arremate Lateral do Recolhedor	Unnion - A (Parafusado) 120	0,795	55
ECO-775	Montante Lateral para Guiagem Persiana	Unnion - A (Parafusado)	0,620	56
ECO-776	Terminal da Persiana	-	0,273	56
ECO-780	Montante Central com Engate e Reforço		0,726	60
ECO-781	Montante		0,920	44
ECO-782	Perfil "U"		0,090	65
ECO-783	Marco Montante		0,412	65
ECO-784	Marco Travessa		0,455	65
ECO-785	Marco Inferior Persiana	140	0,842	53
ECO-786	Marco Superior Persiana	Unnion - A (Parafusado) 140	1,292	48
ECO-787	Tampa Externa da Persiana	Unnion - A (Parafusado) 140	0,520	49
ECO-788	Marco Lateral Persiana	140	0,625	54
ECO-789	Arremate Lateral de Recolhedor	Unnion - A (Parafusado) 140	1,045	55
ECO-790	Travessa Intermediária Persiana	Unnion - A (Parafusado) 140	1,275	51
ECO-792	Trilho Duplo		0,345	43
ECO-793	Trilho Triplo		0,560	45
ECO-794	Travessa Intermediária		0,458	61
ECO-795	Montante Lateral / Central com Reforço		0,898	59
ECO-796	Montante Central com Engate e Reforço		0,913	59
ECO-797	Marco Inferior 2 Planos		0,500	43
ECO-798	Montante Lateral / Central com Reforço		0,627	58
ECO-799	Montante Lateral / Central com Reforço		0,578	58
ECO-801	Travessa Intermediária Persiana	Ecoline 2.5 - B (Click)	1,028	52
ECO-802	Marco Inferior Persiana	Ecoline 2.5 - B (Click)	1,070	52
ECO-805	Marco Inferior 3 Planos		0,867	45
ECO-806	Eixo Octogonal - 60mm	-	0,808	57
ECO-869	Tampa Interna da Persiana		2,031	51
ECO-969	Tampa Interna da Persiana		1,835	51
ME-014	Arremate para Piso		0,235	42
MP-347	Arremate		0,200	42
MP-348	Arremate		0,213	42
MP-349	Arremate		0,308	42
US-725	Veneziana Ventilada		0,242	64
VT-1901	Travessa Intermediária Persiana	Ecoline 2.5 - B (Click) 190	1,690	52
VT-1902	Marco Inferior Persiana	Ecoline 2.5 - B (Click) 190	1,285	53
VT-1903	Marco Lateral Persiana	Ecoline 2.5 - B (Click) 190	1,165	54
VT-1904	Arremate Lateral de Recolhedor	Ecoline 2.5 - B (Click) 190	1,762	56

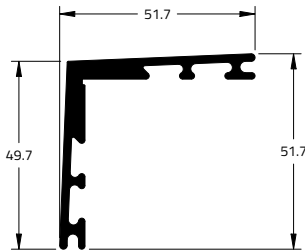
CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
VT-1905	Marco Superior Persiana	Ecoline 2.5 - B (Click) 190	1,884	48
VT-819	Tampa Interna da Persiana	Ecoline 2.5 - B (Click)	1,029	50
VT-842	Montante Lateral para Guiagem Persiana	Ecoline 2.5 - B (Click)	0,590	56
VT-848	Montante Central para Guiagem Persiana	Ecoline 2.5 - B (Click)	1,008	56
VT-851	Marco Lateral da Persiana	Ecoline 2.5 - B (Click) 120	0,461	54
VT-852	Arremate Lateral do Recolhedor	Ecoline 2.5 - B (Click) 120	0,976	55
VT-856	Tampa Externa da Persiana	Ecoline 2.5 - B (Click)	0,930	49
VT-857	Tampa Externa da Persiana	Ecoline 2.5 - B (Click)	0,510	49
VT-860	Marco Inferior Persiana	Ecoline 2.5 - B (Click) 120	0,653	53
VT-870	Marco Superior Persiana	Ecoline 2.5 - B (Click) 120	1,332	48
VT-919	Tampa Interna da Persiana	Ecoline 2.5 - B (Click) 120	1,075	50
VT-952	Arremate Lateral de Recolhedor	Ecoline 2.5 - B (Click) 140	1,110	55
VZ-725	Veneziana		0,242	64

CL-006
1,100 Kg/m

Conexão

ESCALA 1:2

Encaixe: CL-011



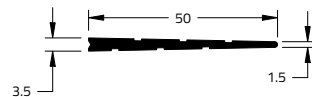
Perfil para componente:
Utilizado em montagens a 45°.
Tamanho conforme o tipo de perfil.

CL-011
0,333 Kg/m

Cunha

ESCALA 1:2

Encaixe: CL-006

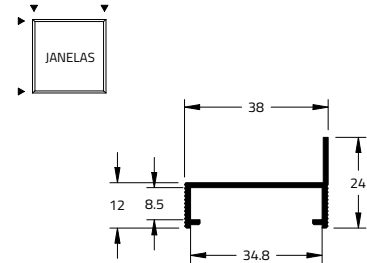


Perfil para componente:
Utilizado em montagens a 45°.
Tamanho conforme o tipo de perfil.

CM-060
0,283 Kg/m

Contramarco

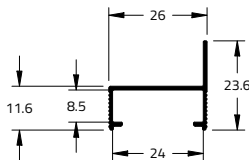
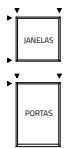
ESCALA 1:2



CM-200
0,200 Kg/m

Contramarco

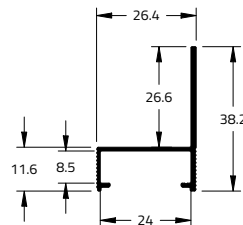
ESCALA 1:2



CM-210
0,246 Kg/m

Contramarco

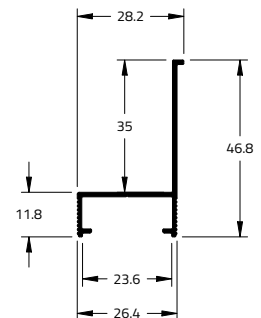
ESCALA 1:2



CM-809
0,290 Kg/m

**Contramarco
Soleira de Porta**

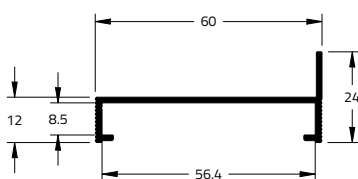
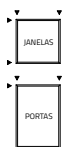
ESCALA 1:2



CM-174
0,417 Kg/m

Contramarco

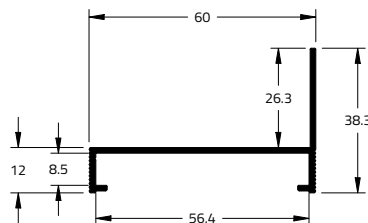
ESCALA 1:2



CM-211
0,475 Kg/m

Contramarco

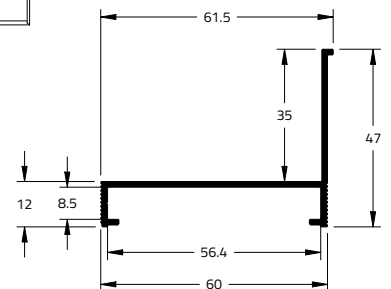
ESCALA 1:2



CM-811
0,523 Kg/m

**Contramarco
Soleira de Porta**

ESCALA 1:2

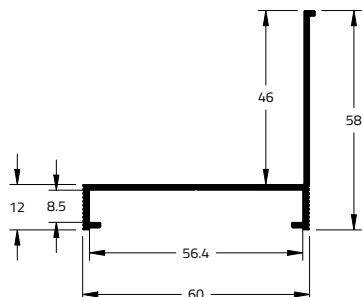


CM-805

Contramarco

0,570 Kg/m

ESCALA 1:2

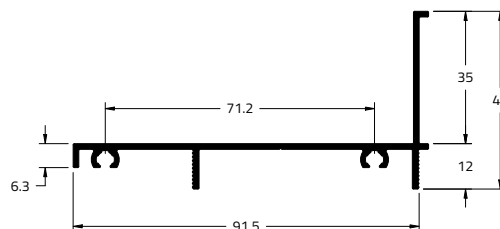


CM-803

Contramarco Especial

0,761 Kg/m

ESCALA 1:2



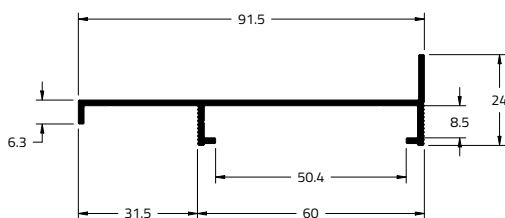
JANELAS

CM-802

Contramarco Especial

0,573 Kg/m

ESCALA 1:2



JANELAS

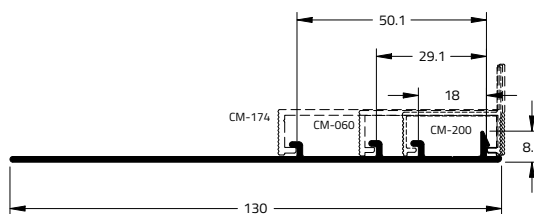
CM-804

Chumbador

0,645 Kg/m

ESCALA 1:2

Fornecido em barra

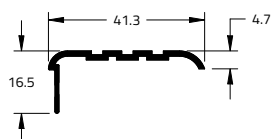


ME-014

Arremate para Piso

0,235 Kg/m

ESCALA 1:2

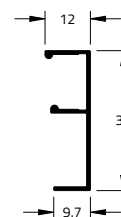


MP-347

Arremate

0,200 Kg/m

ESCALA 1:2



MP-348

Arremate

0,213 Kg/m

ESCALA 1:2

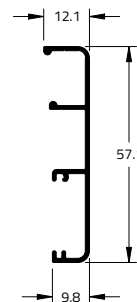


MP-349

Arremate

0,308 Kg/m

ESCALA 1:2



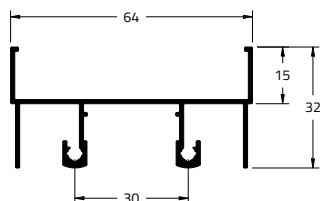
ECO-701

0,610 Kg/m

**Marco Superior
2 Planos**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



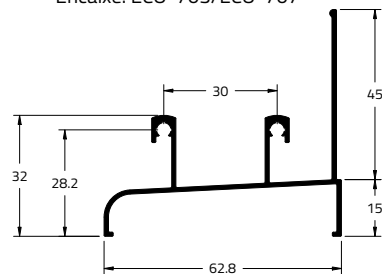
ECO-702

0,640 Kg/m

**Marco Inferior
2 Planos - Janela**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



Pressão máxima no ensaio de água: **400 Pa**

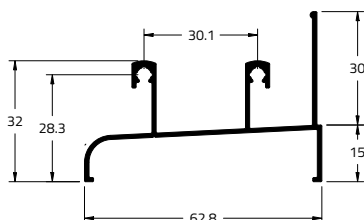
ECO-741

0,589 Kg/m

**Marco Inferior
2 Planos - Janela**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



Pressão máxima no ensaio de água: **250 Pa**

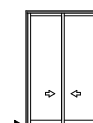
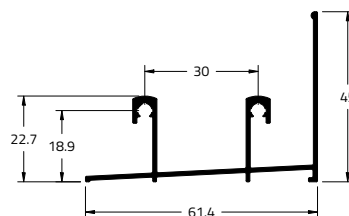
ECO-731

0,560 Kg/m

**Marco Inferior
2 Planos - Porta**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



Pressão máxima no ensaio de água: **350 Pa**

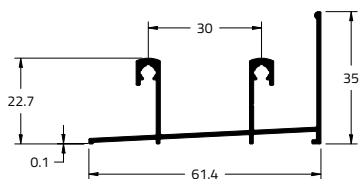
ECO-740

0,533 Kg/m

**Marco Inferior
2 Planos - Porta**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



Pressão máxima no ensaio de água: **250 Pa**

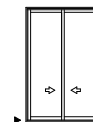
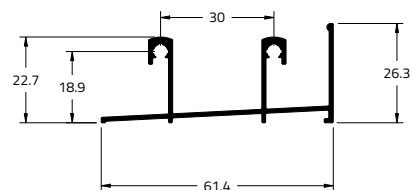
ECO-797

0,500 Kg/m

**Marco Inferior
2 Planos - Porta**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



Pressão máxima no ensaio de água: **160 Pa**

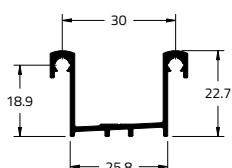
ECO-792

0,345 Kg/m

**Marco Inferior
2 Planos - Porta**

ESCALA 1:2

Encaixe: ECO-703/ECO-707



*Trilho ideal para divisões de ambientes ou para desnível no piso

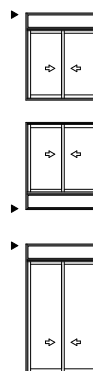
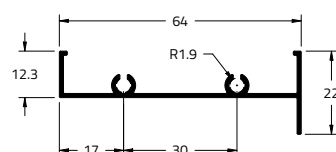
ECO-704

0,372 Kg/m

**Marco liso para bandeira e
peitoril - 2 Planos**

ESCALA 1:2

Encaixe: ECO-707



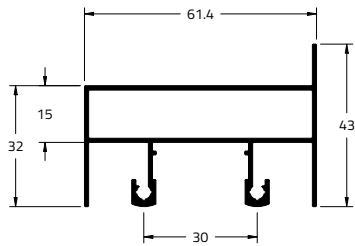
ECO-705

0,820 Kg/m

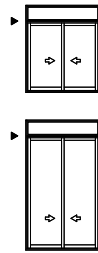
**Travessa Intermediária
para Bandeira 2 Planos**

ESCALA 1:2

Encaixe: ECO-707



JX: 3,6486 cm⁴
JY: 12,9957 cm⁴
WX: 1,4702 cm³
WY: 4,0680 cm³



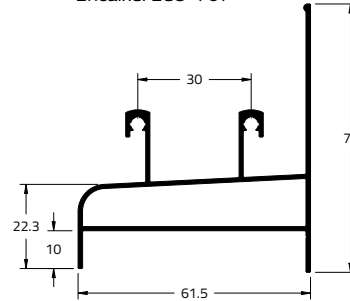
ECO-706

0,880 Kg/m

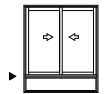
**Travessa Intermediária
para Peitoril 2 Planos**

ESCALA 1:2

Encaixe: ECO-707



JX: 7,5815 cm⁴
JY: 14,0926 cm⁴
WX: 1,7126 cm³
WY: 3,8368 cm³



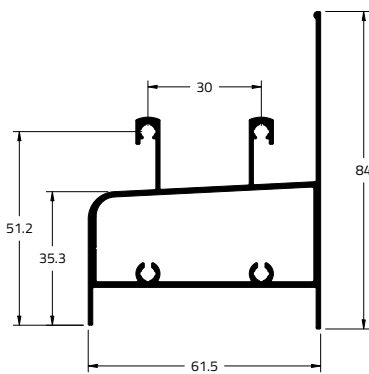
ECO-714

1,256 Kg/m

**Travessa Intermediária
para Peitoril 2 Planos**

ESCALA 1:2

Encaixe: ECO-707



JX: 16,0005 cm⁴
JY: 22,0414 cm⁴
WX: 3,0370 cm³
WY: 6,3428 cm³



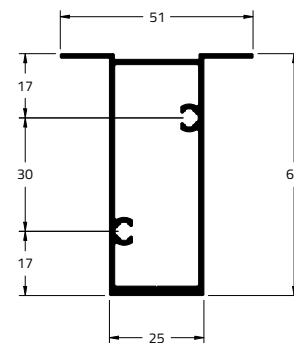
ECO-781

0,920 Kg/m

**Travessa Intermediária
para Peitoril 2 Planos**

ESCALA 1:2

Encaixe: ECO-704/ECO-705/
ECO-706/ECO-714



JX: 17,9218 cm⁴
JY: 4,2833 cm⁴
WX: 5,5003 cm³
WY: 1,6796 cm³



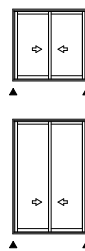
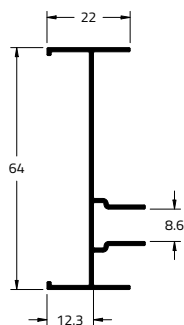
ECO-703

0,422 Kg/m

**Marco Lateral
2 Planos**

ESCALA 1:2

Encaixe: Marcos Superior e Inferior
2 planos



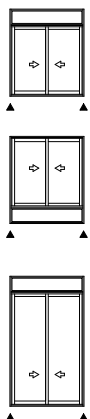
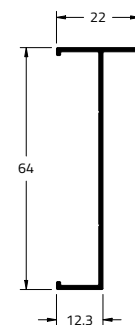
ECO-707

0,300 Kg/m

**Marco Lateral Liso
2 Planos**

ESCALA 1:2

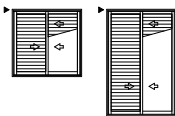
Encaixe: Marcos Superior, Inferior e
Travessas intermediárias - 2 planos



ECO-710

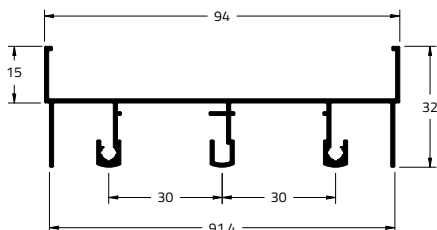
0,803 Kg/m

**Marco Superior
3 Planos**



ESCALA 1:2

Encaixe: ECOO-712/
ECO-713/ECO-725



ECO-711

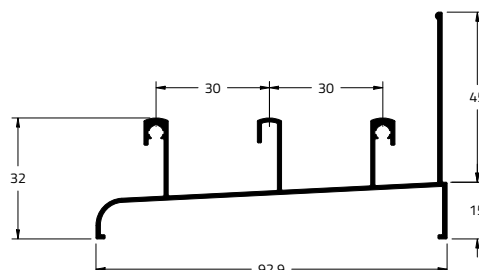
0,820 Kg/m

**Marco Inferior
3 Planos - Janela**



ESCALA 1:2

Encaixe: ECOO-712/
ECO-713/ECO-725

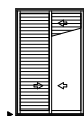


Pressão máxima no ensaio de água: **400 Pa**

ECO-729

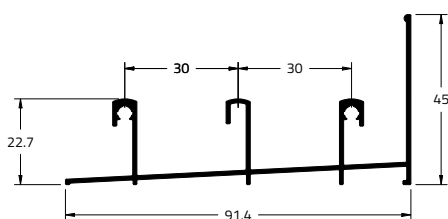
0,760 Kg/m

**Marco Inferior
3 Planos - Porta**



ESCALA 1:2

Encaixe: ECOO-712/
ECO-713/ECO-725

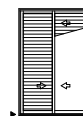


Pressão máxima no ensaio de água: **350 Pa**

ECO-805

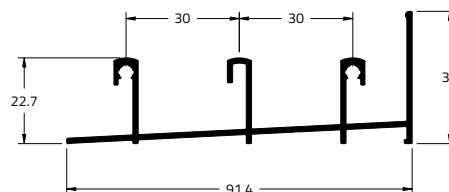
0,820 Kg/m

**Marco Inferior
3 Planos - Porta**



ESCALA 1:2

Encaixe: ECOO-712/
ECO-713/ECO-725

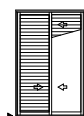


Pressão máxima no ensaio de água: **250 Pa**

ECO-793

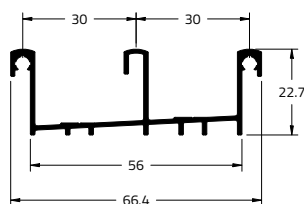
0,560 Kg/m

**Marco Inferior
3 Planos - Porta**



ESCALA 1:2

Encaixe: ECOO-712/
ECO-713/ECO-725



*Trilho ideal para divisões de ambientes ou para desnível no piso

ECO-727

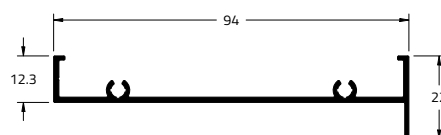
0,550 Kg/m

**Travessa Intermediária
para Bandeira 2 Planos**



ESCALA 1:2

Encaixe: ECO-725



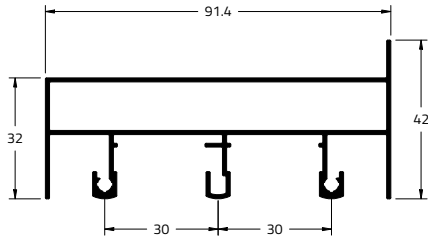
ECO-722

1,232 Kg/m

**Travessa Intermediária
para Bandeira 3 Planos**

ESCALA 1:2

Encaixe: ECO-725



JX: 5,1592 cm⁴
JY: 40,8013 cm⁴
WX: 2,1621 cm³
WY: 8,6776 cm³



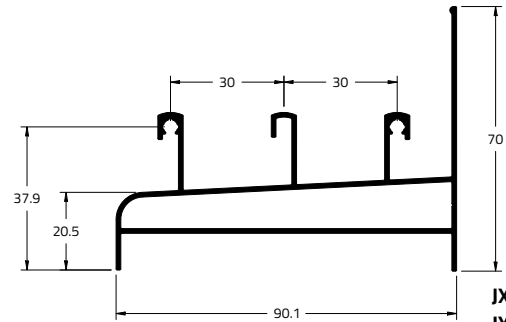
ECO-723

1,260 Kg/m

**Travessa Intermediária
para Peitoril 3 Planos**

ESCALA 1:2

Encaixe: ECO-725



JX: 9,2158 cm⁴
JY: 41,3173 cm⁴
WX: 2,0380 cm³
WY: 8,0616 cm³



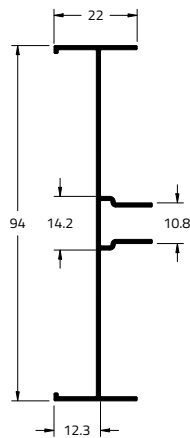
ECO-712

0,513 Kg/m

**Marco Lateral
3 Planos**

ESCALA 1:2

Encaixe: Marcos Superior e Inferior
2 planos



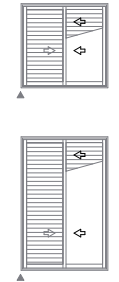
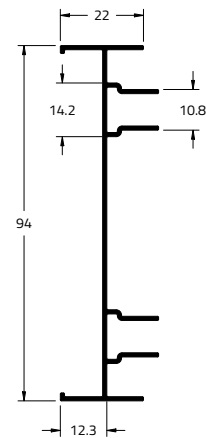
ECO-713

0,605 Kg/m

**Marco Lateral
3 Planos**

ESCALA 1:2

Encaixe: Marcos Superior e Inferior
2 planos



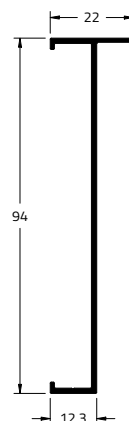
ECO-725

0,429 Kg/m

**Marco Lateral
3 Planos**

ESCALA 1:2

Encaixe: Marcos Superior, Inferior e
Travessas intermediárias - 3 planos



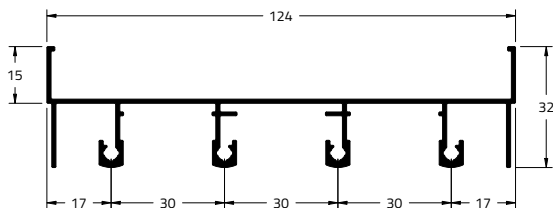
ECO-746

1,038 Kg/m

**Marco superior
4 Planos**

ESCALA 1:2

Encaixe: ECO-748



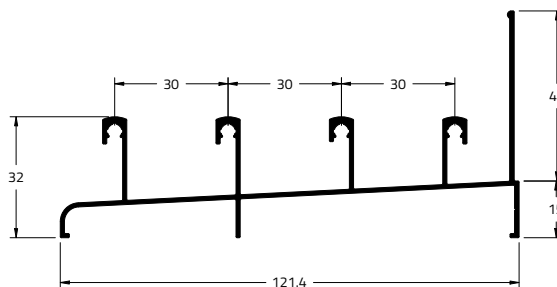
ECO-751

1,068 Kg/m

**Marco Inferior
4 Planos - Janela**

ESCALA 1:2

Encaixe: ECO-748



Pressão máxima no ensaio de água: **400 Pa**

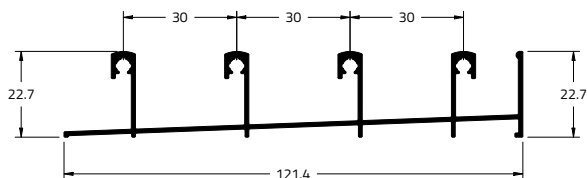
ECO-747

0,916 Kg/m

**Marco Inferior
4 Planos - Porta**

ESCALA 1:2

Encaixe: ECO-748



Pressão máxima no ensaio de água: **120 Pa**

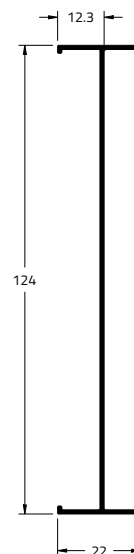
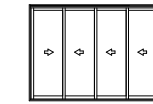
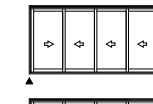
ECO-748

0,516 Kg/m

**Marco Lateral
4 Planos**

ESCALA 1:2

Encaixe: ECO-746/
ECO-751/ECO-747



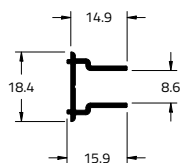
ECO-733

0,170 Kg/m

Mata-Junta

ESCALA 1:2

Encaixe: Marcos de altura lisos e
folhas centrais



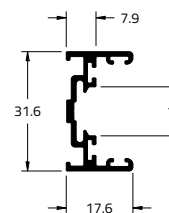
ECO-754

0,348 Kg/m

**Mata-Junta
para Cremona**

ESCALA 1:2

Encaixe: Marcos de altura lisos



*Utilizar apenas nos marcos com a folha ECO-753

ECO-768

0,670 Kg/m

Marco Superior Persiana - Janela

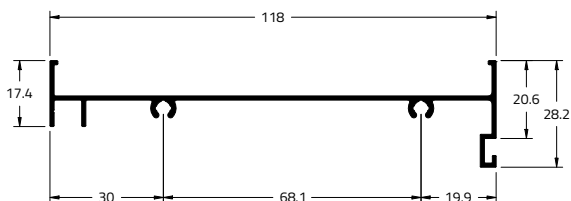


ESCALA 1:2

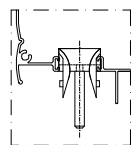
Opção 120mm

A

Encaixe: ECO-771



GUIA: PARAFUSO (A)



ECO-786

1,292 Kg/m

Marco Superior Persiana - Porta

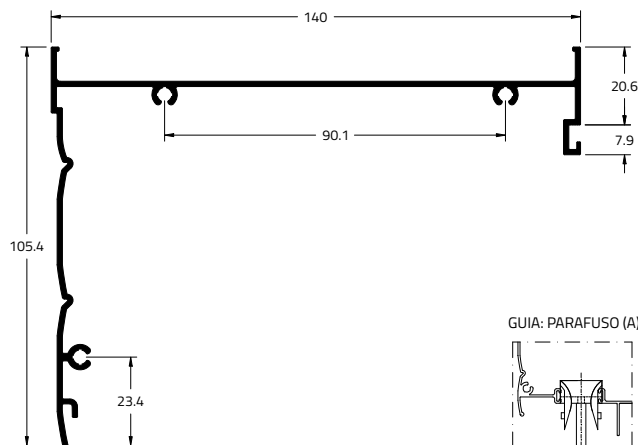


ESCALA 1:2

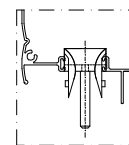
Opção 140mm

A

Encaixe: ECO-788



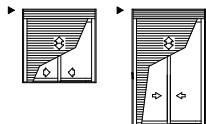
GUIA: PARAFUSO (A)



VT-870

1,332 Kg/m

Marco Superior Persiana

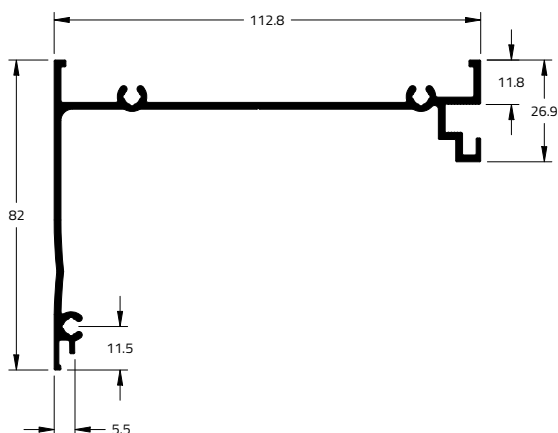


ESCALA 1:2

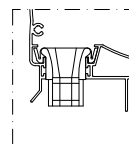
Opção 120mm

B

Encaixe: ECO-788



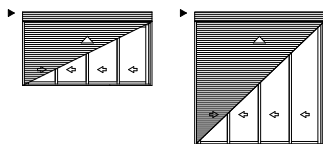
GUIA: CLICK (B)



VT-1905

1,884 Kg/m

Marco Superior Persiana

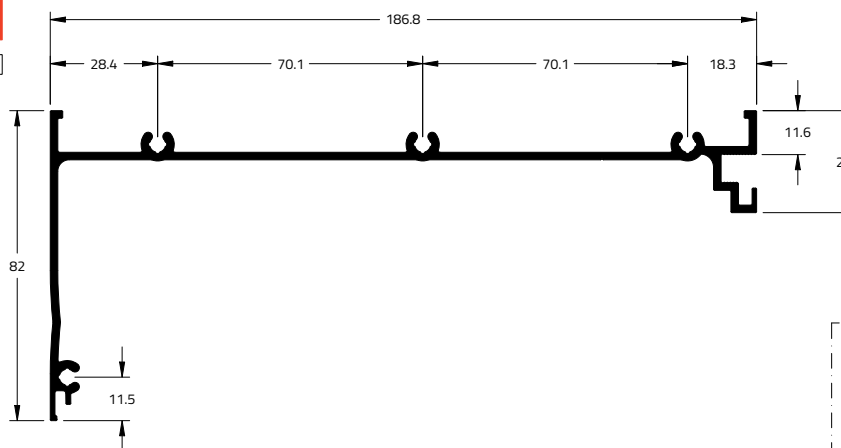


ESCALA 1:2

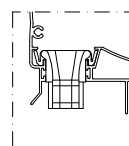
Opção 190mm

B

Encaixe: VT-1903



GUIA: CLICK (B)



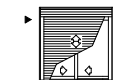
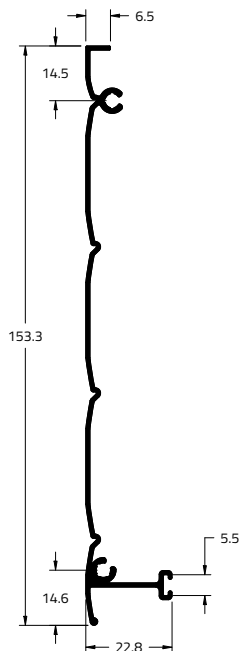
ECO-772

0,830 Kg/m

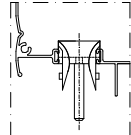
**Tampa Externa
Persiana - Janela**

ESCALA 1:2

Opção 120mm **A**
Encaixe: ECO-768/ECO-771



GUIA: PARAFUSO (A)



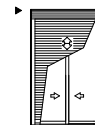
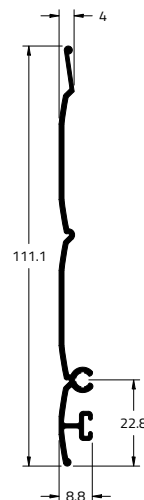
ECO-787

0,520 Kg/m

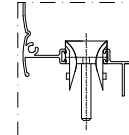
**Tampa Externa
Persiana - Porta**

ESCALA 1:2

Opção 140mm **A**
Encaixe: ECO-786/ECO-778



GUIA: PARAFUSO (A)



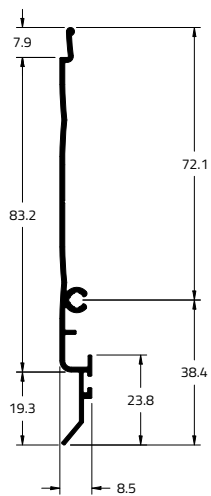
VT-857

0,510 Kg/m

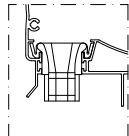
**Tampa Externa
Persiana - Janela**

ESCALA 1:2

Opção 120mm **B**
Encaixe: ECO-788/VT-870/
VT-1900



GUIA: CLICK (B)



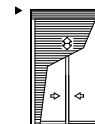
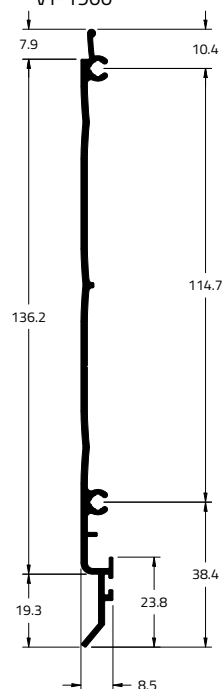
VT-856

0,930 Kg/m

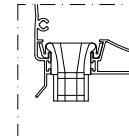
**Tampa Externa
Persiana - Porta**

ESCALA 1:2

Opção 140mm **B**
Encaixe: ECO-788/VT-870/
VT-1900



GUIA: CLICK (B)



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

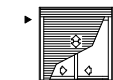
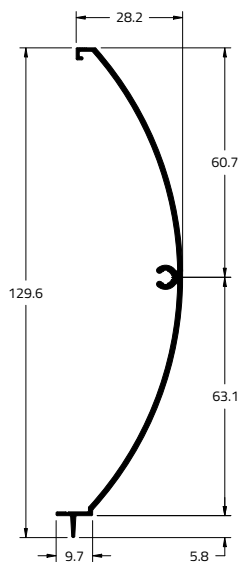
ECO-772

0,600 Kg/m

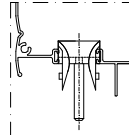
**Tampa Interna
Persiana - Janela**

ESCALA 1:2

Opção 120mm **A**
Encaixe: ECO-768/ECO-715



GUIA: PARAFUSO (A)



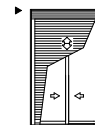
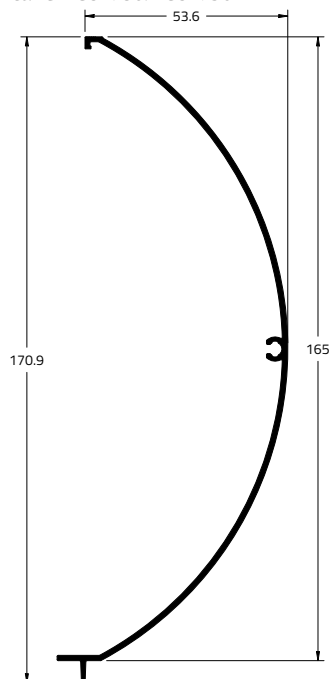
ECO-787

0,900 Kg/m

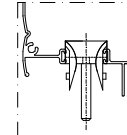
**Tampa Interna
Persiana - Porta**

ESCALA 1:2

Opção 140mm **A**
Encaixe: ECO-786/ECO-790



GUIA: PARAFUSO (A)



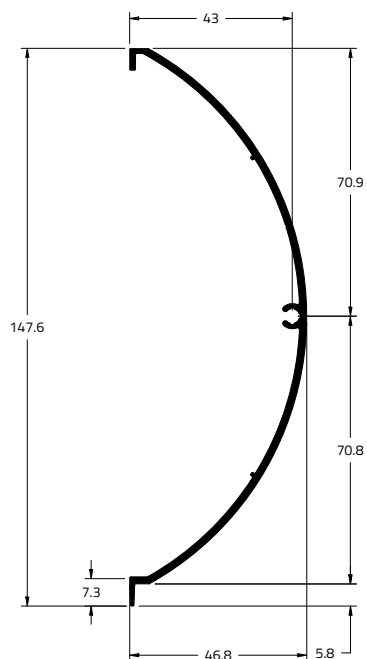
VT-819

1,029 Kg/m

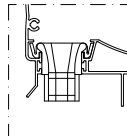
**Tampa Interna
Persiana - Janela**

ESCALA 1:2

Opção 120mm/190mm **B**
Encaixe: ECO-801/VT-870
VT-1901/VT-1905/



GUIA: CLICK (B)



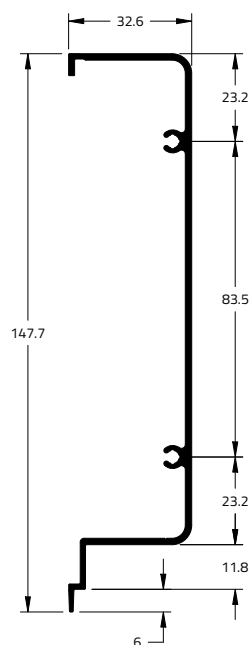
VT-919

1,075 Kg/m

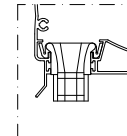
**Tampa Interna
Persiana - Janela**

ESCALA 1:2

Opção 120mm/190mm **B**
Encaixe: ECO-801/VT-870
VT-1901/VT-1905/



GUIA: CLICK (B)



ECO-869

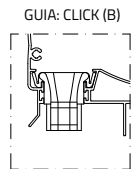
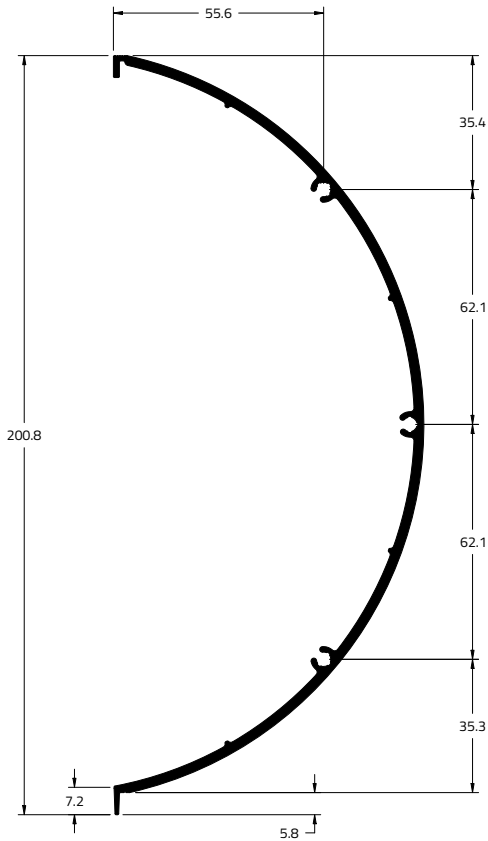
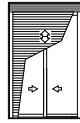
2,031 Kg/m

**Tampa Interna
Persiana - Porta**

ESCALA 1:2

Opção 120mm/190mm
Encaixe: ECO-801/VT-870
VT-1901/VT-1905/

[B]



ECO-969

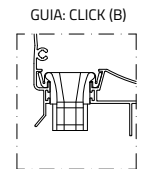
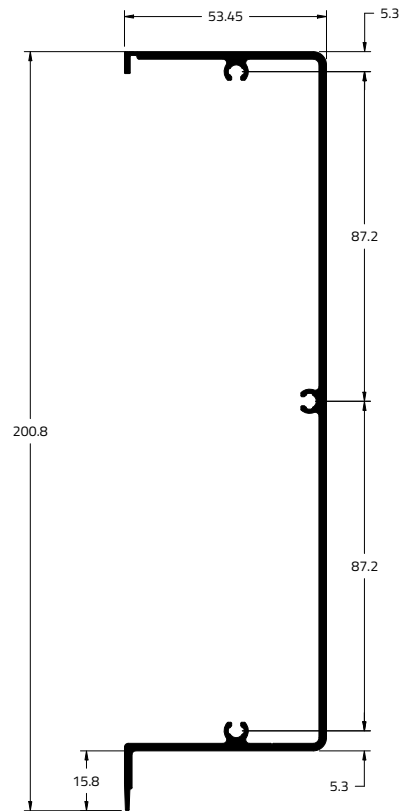
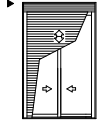
1,835 Kg/m

**Tampa Interna
Persiana - Porta**

ESCALA 1:2

Opção 120mm/190mm
Encaixe: ECO-801/VT-870
VT-1901/VT-1905/

[B]



ECO-715

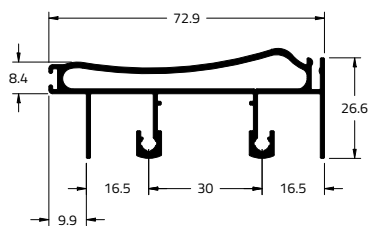
1,075 Kg/m

**Travessa Caixa Integrada -
Janela**

ESCALA 1:2

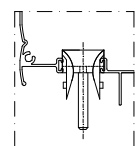
Opção 120mm
Encaixe: ECO-772

[A]



JX: 2,2936 cm⁴
JY: 17,2558 cm⁴
WX: 1,3943 cm³
WY: 4,4590 cm³

GUIA: PARAFUSO (A)



ECO-790

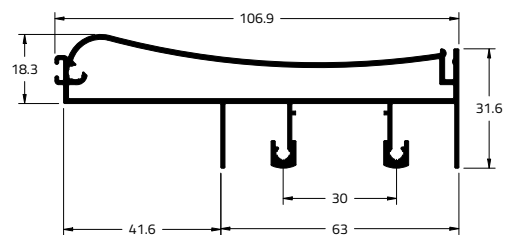
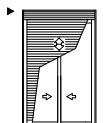
1,275 Kg/m

**Travessa Caixa Integrada -
Porta**

ESCALA 1:2

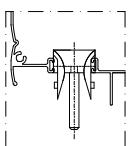
Opção 140mm
Encaixe: ECO-788

[A]



JX: 4,0638 cm⁴
JY: 50,0648 cm⁴
WX: 2,1150 cm³
WY: 8,4164 cm³

GUIA: PARAFUSO (A)



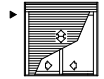
ECO-801 Travessa Caixa Integrada - Porta

1,028 Kg/m

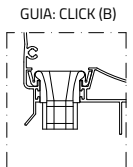
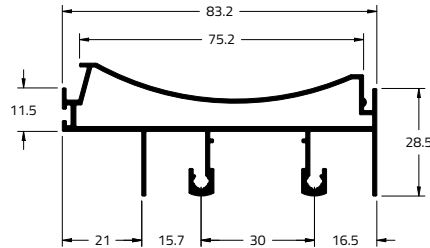
ESCALA 1:2

Opção 120mm
Encaixe: VT-851

B



JX: 3,1403 cm⁴
JY: 24,8243 cm⁴
WX: 1,7714 cm³
WY: 5,5708 cm³



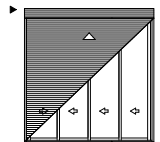
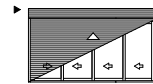
VT-1901 Travessa Caixa Integrada - Porta

1,690 Kg/m

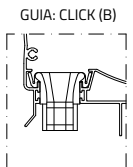
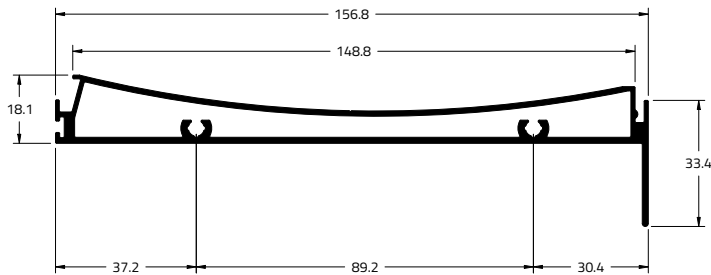
ESCALA 1:2

Opção 190mm
Encaixe: VT-1903

B



JX: 2,4009 cm⁴
JY: 158,0177 cm⁴
WX: 0,9082 cm³
WY: 19,0123 cm³



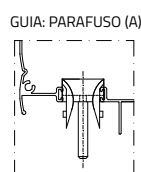
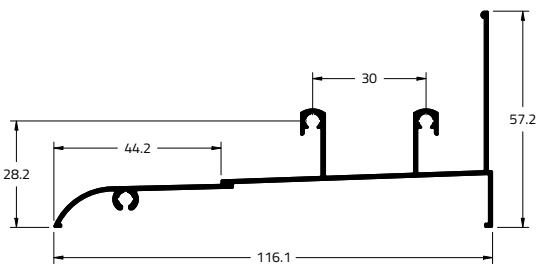
ECO-770 Marco Inferior Persiana - Janela

0,802 Kg/m

ESCALA 1:2

Opção 120mm
Encaixe: ECO-771

A



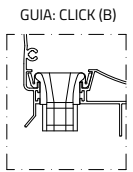
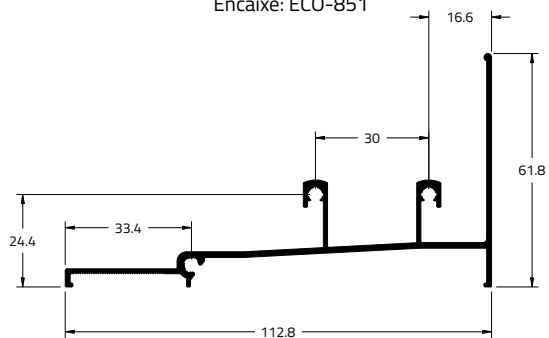
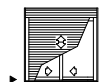
ECO-802 Marco Inferior Persiana - Janela

0,802 Kg/m

ESCALA 1:2

Opção 120mm
Encaixe: ECO-851

B



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-785

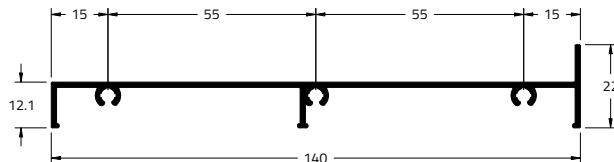
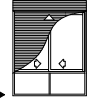
0,842 Kg/m

ESCALA 1:2

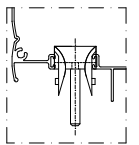
**Marco Inferior
Persiana**

Opção 140mm
Encaixe: ECO-788

A



GUIA: PARAFUSO (A)



VT-860

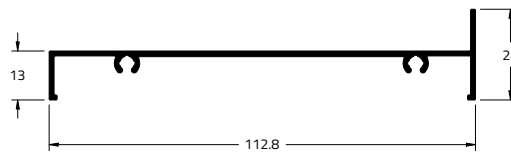
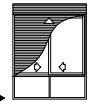
0,653 Kg/m

ESCALA 1:2

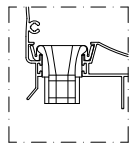
**Marco Inferior
Persiana**

Opção 120mm
Encaixe: VT-851

B



GUIA: CLICK (B)



VT-1902

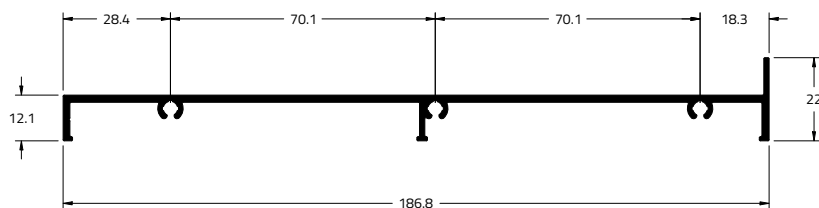
1,285 Kg/m

ESCALA 1:2

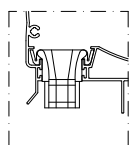
**Marco Inferior
Persiana**

Opção 190mm
Encaixe: VT-1903

B



GUIA: CLICK (B)



VT-851

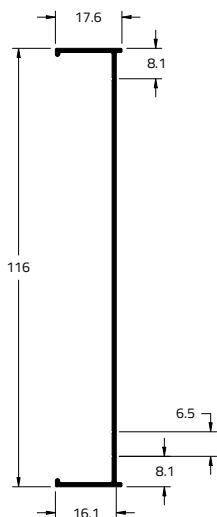
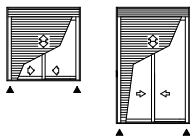
0,461 Kg/m

Marco Lateral Persiana

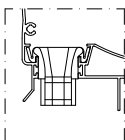
ESCALA 1:2

Opção 120mm

B



GUIA: CLICK (B)



ECO-771

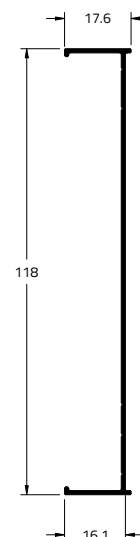
0,468 Kg/m

Marco Lateral Persiana

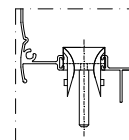
ESCALA 1:2

Opção 120mm

A



GUIA: PARAFUSO (A)



ECO-788

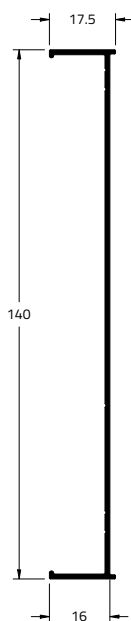
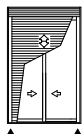
0,625 Kg/m

Marco Lateral Persiana

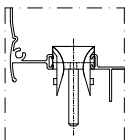
ESCALA 1:2

Opção 140mm

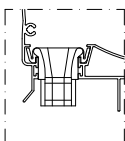
A B



GUIA: PARAFUSO (A)



GUIA: CLICK (B)



VT-1903

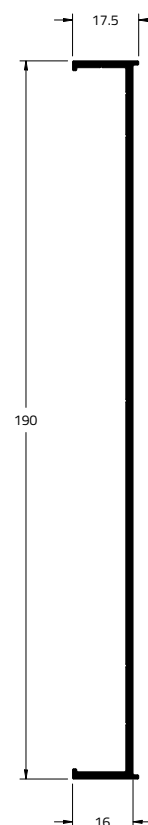
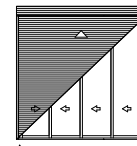
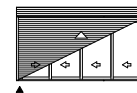
1,165 Kg/m

Marco Lateral Persiana

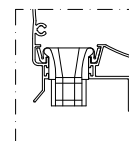
ESCALA 1:2

Opção 190mm

B



GUIA: CLICK (B)



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-774

0,795 Kg/m

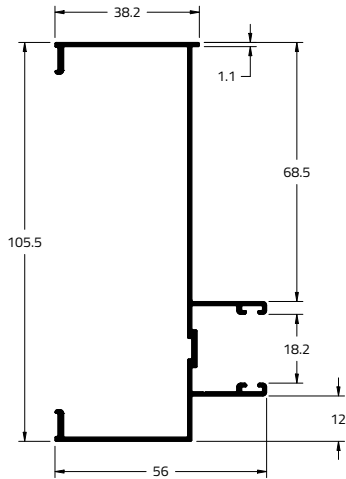
**Arremate Lateral
do Recolhedor**



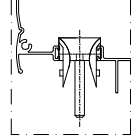
ESCALA 1:2

Opção 120mm

A



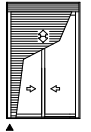
GUIA: PARAFUSO (A)



ECO-789

1,045 Kg/m

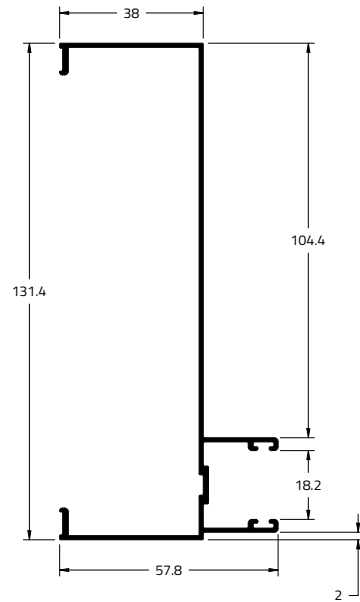
**Arremate Lateral
do Recolhedor**



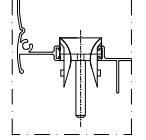
ESCALA 1:2

Opção 140mm

A



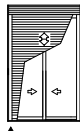
GUIA: PARAFUSO (A)



VT-852

0,976 Kg/m

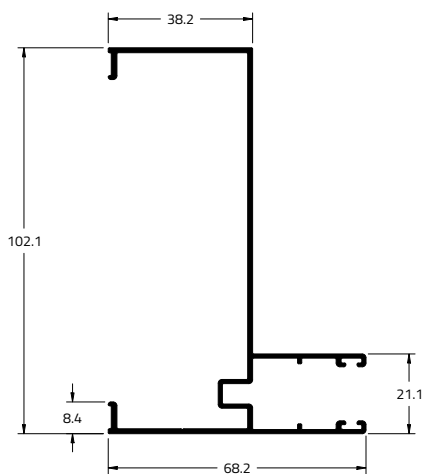
**Arremate Lateral
do Recolhedor**



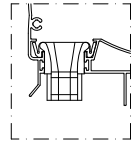
ESCALA 1:2

Opção 120mm

B



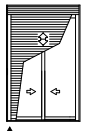
GUIA: CLICK (B)



VT-952

1,110 Kg/m

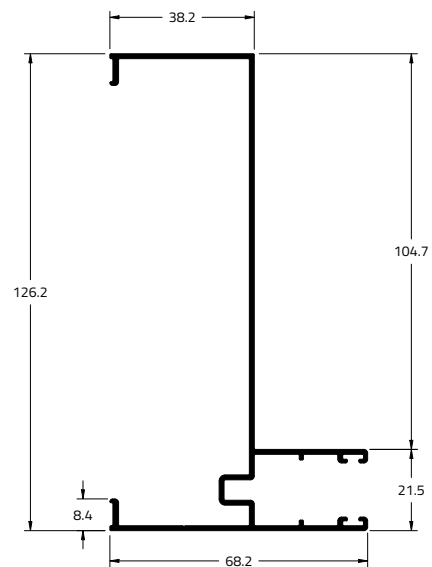
**Arremate Lateral
do Recolhedor**



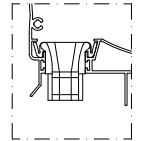
ESCALA 1:2

Opção 140mm

B



GUIA: CLICK (B)



VT-1904

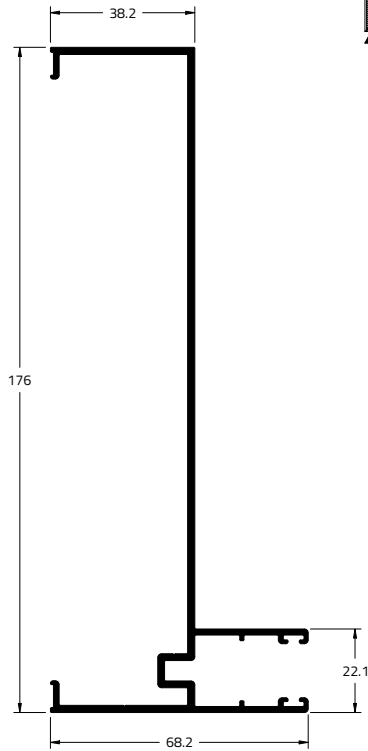
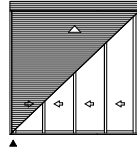
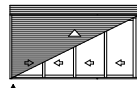
1,762 Kg/m

Arremate Lateral de Recolhedor

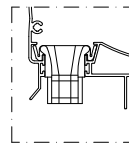
ESCALA 1:2

Opção 190mm

[B]



GUIA: CLICK (B)



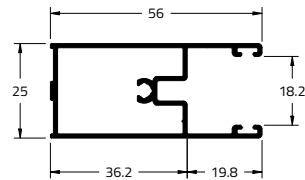
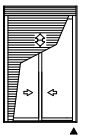
ECO-775

0,620 Kg/m

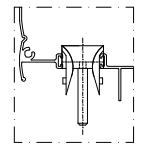
Montante Lateral para Guiagem da Persiana

ESCALA 1:2

[A]



GUIA: PARAFUSO (A)



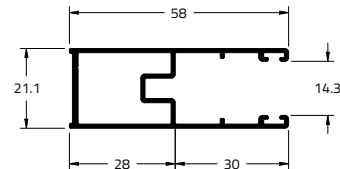
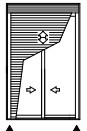
VT-842

0,590 Kg/m

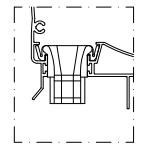
Montante Lateral para Guiagem da Persiana

ESCALA 1:2

[B]



GUIA: CLICK (B)



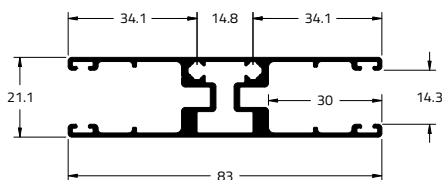
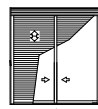
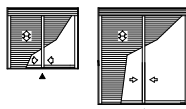
VT-848

1,008 Kg/m

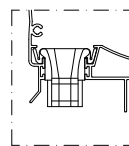
Montante Central para Guiagem da Persiana

ESCALA 1:2

[B]



GUIA: CLICK (B)



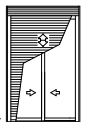
ECO-776

0,267 Kg/m

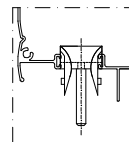
Terminal Persiana

ESCALA 1:2

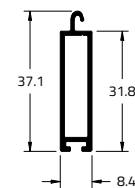
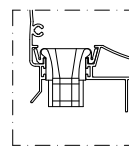
[A] [B]



GUIA: PARAFUSO (A)



GUIA: CLICK (B)



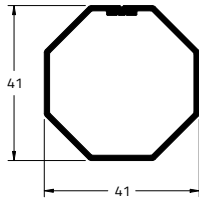
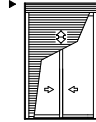
ECO-708

0,537 Kg/m

**Eixo Octogonal
40mm**

ESCALA 1:2

Até 1400 mm de Largura [A] [B]



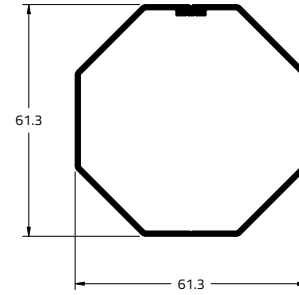
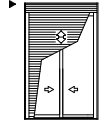
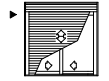
ECO-806

0,808 Kg/m

**Eixo Octogonal
60 mm**

ESCALA 1:2

Até 2100 mm de largura [A] [B]



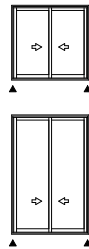
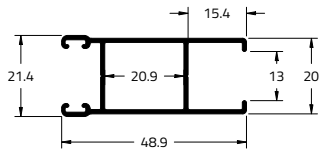
ECO-739

0,453 Kg/m

Montante Lateral / Central

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 1,1888 cm⁴
JY: 3,3450 cm⁴
WX: 1,1058 cm³
WY: 1,2980 cm³

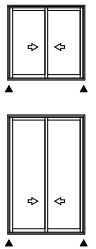
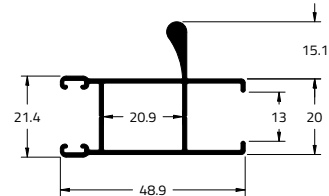
ECO-799

0,578 Kg/m

**Montante Lateral / Central
com Reforço**

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 2,5766 cm⁴
JY: 3,6146 cm⁴
WX: 1,2328 cm³
WY: 1,4518 cm³

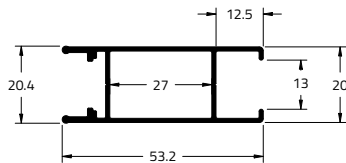
ECO-753

0,496 Kg/m

**Montante lateral
para Cremona**

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 1,2909 cm⁴
JY: 4,5447 cm⁴
WX: 1,2651 cm³
WY: 1,6204 cm³

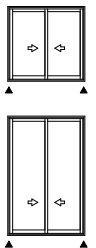
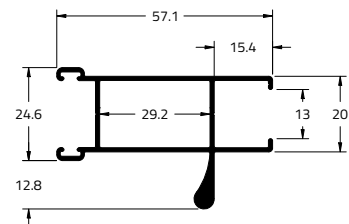
ECO-798

0,627 Kg/m

**Montante lateral/ Central
Reforçado - Fechadura**

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 2,8405 cm⁴
JY: 5,8743 cm⁴
WX: 1,3384 cm³
WY: 1,9748 cm³

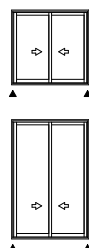
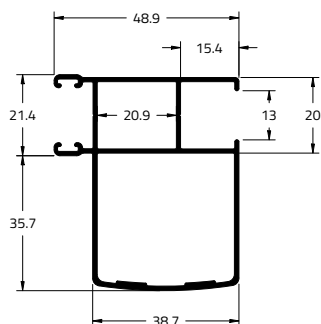
ECO-760

0,840 Kg/m

**Montante Lateral / Central
com Reforço**

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 11,9666 cm⁴
JY: 7,1870 cm⁴
WX: 3,9196 cm³
WY: 2,7541 cm³

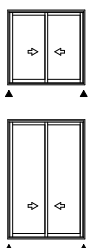
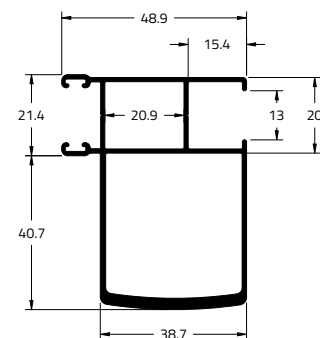
ECO-721

1,045 Kg/m

**Montante Lateral / Central
com Reforço**

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 19,2278 cm⁴
JY: 8,4314 cm⁴
WX: 5,7668 cm³
WY: 2,5287 cm³

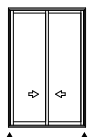
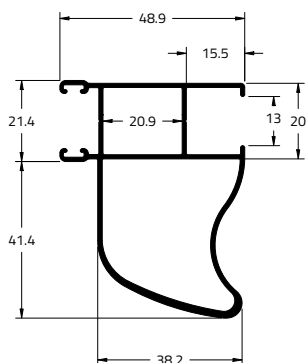
ECO-795

0,898 Kg/m

Montante Lateral / Central com Reforço

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 14,5408 cm⁴
JY: 6,9588 cm⁴
WX: 4,2738 cm³
WY: 2,5995 cm³

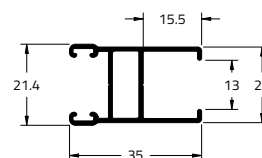
ECO-744

0,370 Kg/m

Montante Lateral / Central Slim

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 0,9158 cm⁴
JY: 1,1879 cm⁴
WX: 0,8492 cm³
WY: 0,6345 cm³

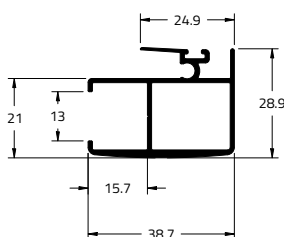
ECO-756

0,535 Kg/m

Montante Central com Engate

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 1,9817 cm⁴
JY: 2,4148 cm⁴
WX: 1,1930 cm³
WY: 1,0860 cm³

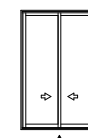
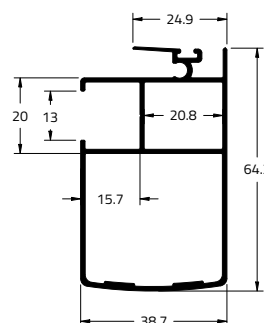
ECO-761

0,853 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 14,3084 cm⁴
JY: 5,8516 cm⁴
WX: 4,3884 cm³
WY: 2,7667 cm³

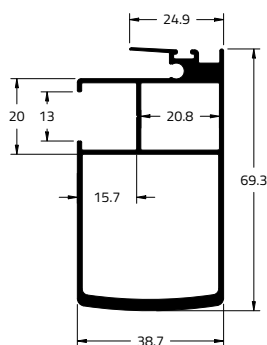
ECO-720

1,130 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 25,8937 cm⁴
JY: 7,6778 cm⁴
WX: 7,1368 cm³
WY: 3,5113 cm³

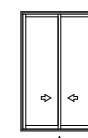
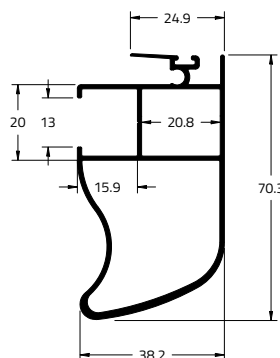
ECO-796

0,902 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 17,1827 cm⁴
JY: 5,5934 cm⁴
WX: 4,7721 cm³
WY: 2,7058 cm³

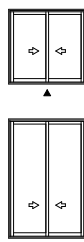
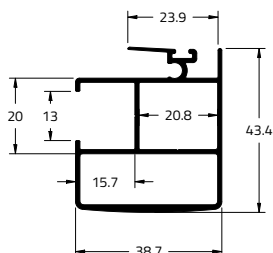
ECO-780

0,726 Kg/m

ESCALA 1:2

**Montante Central
com Engate e Reforço**

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 5,5977 cm⁴
JY: 4,0443 cm⁴
WX: 2,3352 cm³
WY: 1,8886 cm³

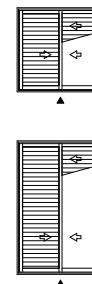
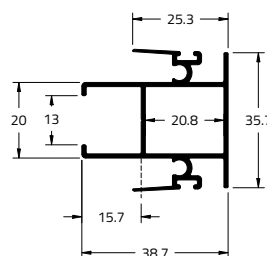
ECO-757

0,602 Kg/m

ESCALA 1:2

**Montante Central
com Engate Duplo**

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 2,8227 cm⁴
JY: 2,5179 cm⁴
WX: 1,5035 cm³
WY: 1,0574 cm³

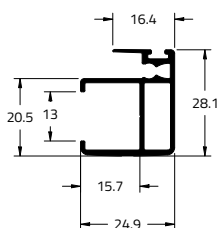
ECO-743

0,387 Kg/m

ESCALA 1:2

**Montante Central
com Engate - Slim**

Encaixe: ECO-724/ECO-726/
ECO-794/ECO-728/ECO-758



JX: 1,3351 cm⁴
JY: 0,7379 cm⁴
WX: 0,9089 cm³
WY: 0,4626 cm³

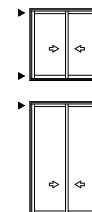
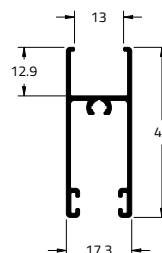
ECO-724

0,407 Kg/m

ESCALA 1:2

Travessa Superior / Inferior

Encaixe: Montantes Laterais e Centrais
sem baguete



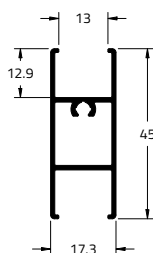
ECO-726

0,420 Kg/m

ESCALA 1:2

Travessa Intermediária

Encaixe: Montantes Laterais e Centrais
sem baguete



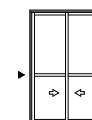
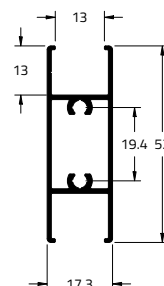
ECO-758

0,498 Kg/m

ESCALA 1:2

Travessa Intermediária

Encaixe: Montantes Laterais e Centrais
sem baguete



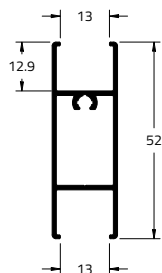
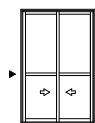
ECO-794

0,458 Kg/m

Travessa Intermediária

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais sem baguete



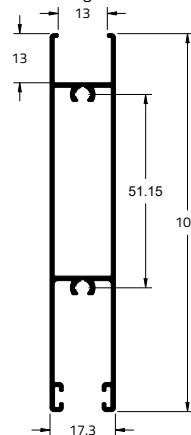
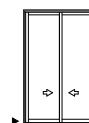
ECO-728

0,820 Kg/m

Travessa Inferior da Porta

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais sem baguete



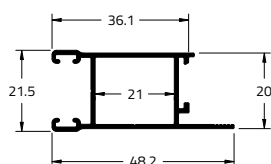
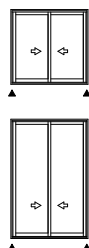
ECO-718

0,423 Kg/m

Montante Lateral / Central

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 1,0626 cm⁴
JY: 2,5269 cm⁴
WX: 0,9267 cm³
WY: 0,9295 cm³

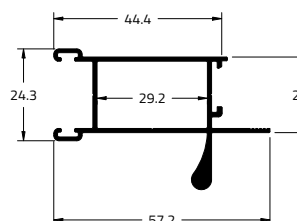
ECO-738

0,593 Kg/m

Montante Lateral / Central com Reforço - Fechadura

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 2,5776 cm⁴
JY: 4,9374 cm⁴
WX: 1,2613 cm³
WY: 1,7237 cm³

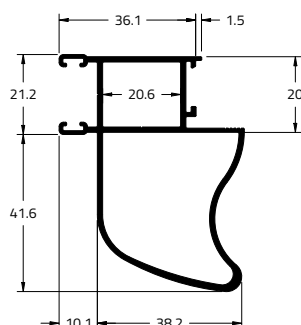
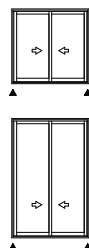
ECO-734

0,948 Kg/m

Montante Lateral / Central com Reforço

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 14,2212 cm⁴
JY: 6,9389 cm⁴
WX: 4,1162 cm³
WY: 2,6625 cm³

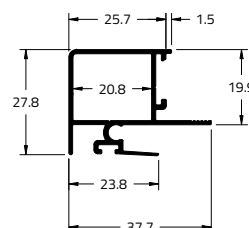
ECO-737

0,426 Kg/m

Montante Central com Engate - Interno

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 1,2955 cm⁴
JY: 1,5113 cm⁴
WX: 0,9036 cm³
WY: 0,6416 cm³

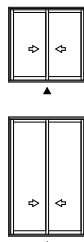
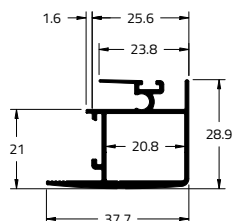
ECO-719

0,497 Kg/m

**Montante Central
com Engate - Externo**

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 1,8510 cm⁴
JY: 1,7201 cm⁴
WX: 1,0988 cm³
WY: 0,7438 cm³

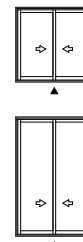
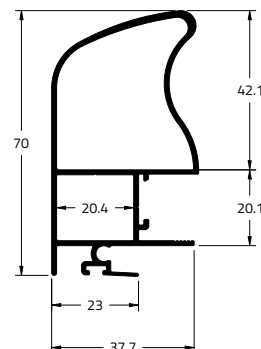
ECO-736

0,964 Kg/m

**Montante Central com
Engate Reforçado - Interno**

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 17,3058 cm⁴
JY: 5,7028 cm⁴
WX: 4,6140 cm³
WY: 2,7195 cm³

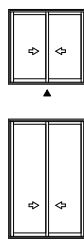
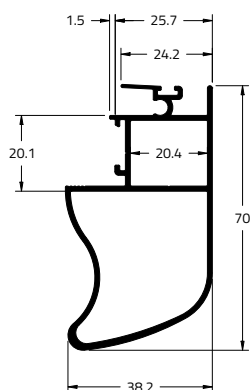
ECO-735

0,939 Kg/m

**Montante Central com
Engate Reforçado - Externo**

ESCALA 1:2

Encaixe: ECO-709/ECO-726/
ECO-717/ECO-716



JX: 16,5191 cm⁴
JY: 5,4708 cm⁴
WX: 4,5115 cm³
WY: 2,5524 cm³

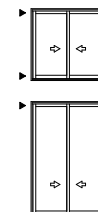
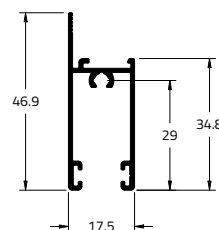
ECO-709

0,390 Kg/m

Travessa Superior / Inferior

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais
com baguete



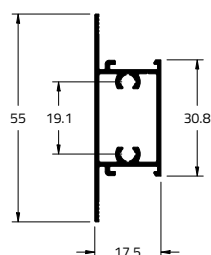
ECO-717

0,449 Kg/m

Travessa Intermediária

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais
com baguete



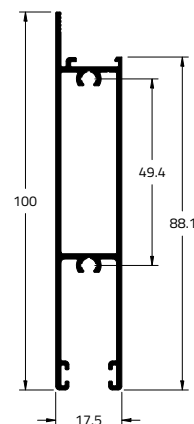
ECO-716

0,959 Kg/m

**Travessa Inferior
da Porta**

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais
com baguete



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

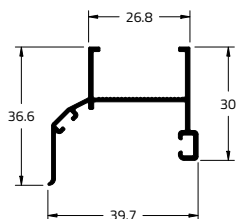
ECO-767

0,412 Kg/m

Marco Superior Maxim-Ar

ESCALA 1:2

Encaixe: ECO-765



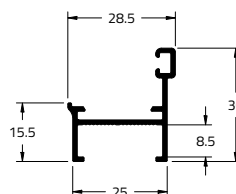
ECO-766

0,304 Kg/m

Marco Inferior Maxim-Ar

ESCALA 1:2

Encaixe: ECO-765



CORTE

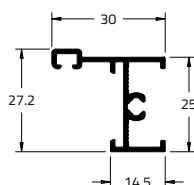
ECO-765

0,340 Kg/m

Marco Altura Maxim-Ar

ESCALA 1:2

Encaixe: ECO-766 / ECO-767



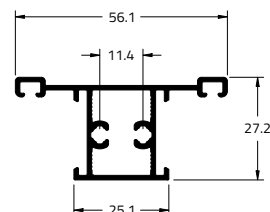
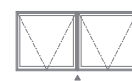
ECO-745

0,618 Kg/m

Coluna com Olhal

ESCALA 1:2

Encaixe: ECO-766 / ECO-767



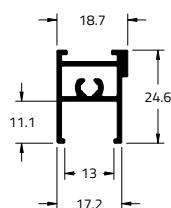
ECO-764

0,366 Kg/m

Travessa Superior da Folha

ESCALA 1:2

Encaixe: ECO-766 / ECO-767



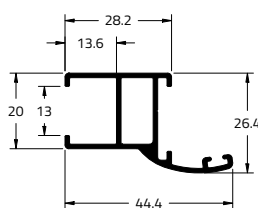
ECO-763

0,480 Kg/m

Montante e Travessa Inferior da Folha

ESCALA 1:2

Encaixe: ECO-766 / ECO-767



JX: 1,4157 cm⁴
JY: 1,9164 cm⁴
WX: 1,0282 cm³
WY: 0,7925 cm³

CORTE

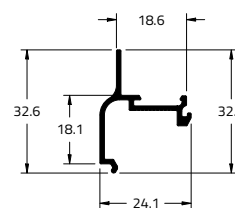
ECO-762

0,238 Kg/m

Inversor de Baguete

ESCALA 1:2

Encaixe: ECO-766 / ECO-767 / ECO-745 / BG-202 / ECO-742



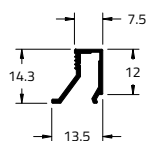
BG-202

0,116 Kg/m

Baguete

ESCALA 1:2

Encaixe: Folhas com baguete / ECO-762



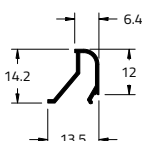
ECO-742

0,094 Kg/m

Baguete

ESCALA 1:2

Encaixe: Folhas com baguete / ECO-762



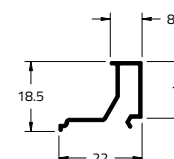
ECO-103

0,150 Kg/m

Baguete

ESCALA 1:2

Encaixe: ECO-766 / ECO-767 / ECO-745



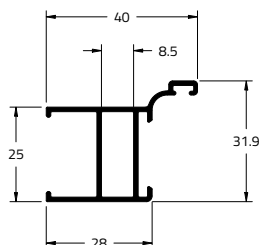
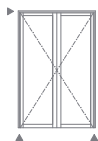
ECO-732

0,430 Kg/m

Marco Porta de Giro

ESCALA 1:2

Encaixe: Montagem 45°



CORTE

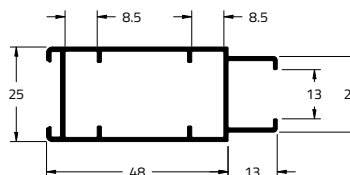
ECO-730

0,590 Kg/m

Montante e Travessa da Folha

ESCALA 1:2

Encaixe: Montagem 45°



CORTE

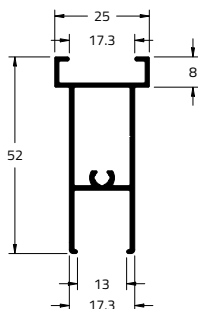
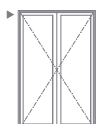
ECO-755

0,528 Kg/m

Travessa Superior da Folha

ESCALA 1:2

Encaixe: ECO-730



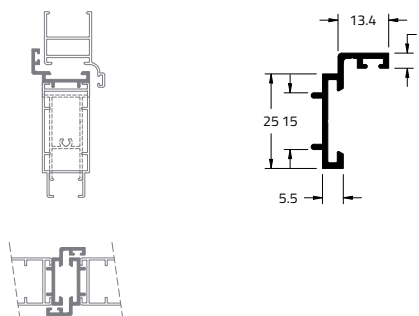
25-548

0,290 Kg/m

Montante e Travessa da Folha

ESCALA 1:2

Encaixe: ECO-730 / ECO-755

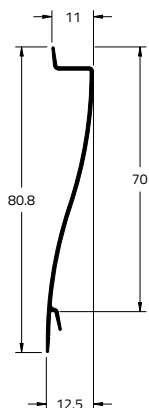


VZ-725

0,242 Kg/m

Veneziana

ESCALA 1:2

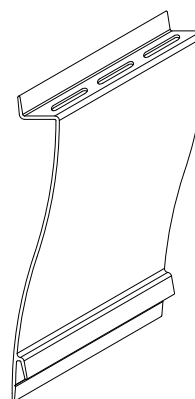


US-725

0,242 Kg/m

Veneziana Ventilada

ESCALA 1:2



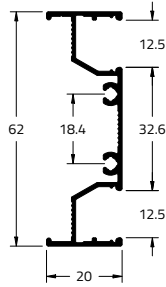
ECO-784

Marco Montante

0.455 Kg/m

ESCALA 1:2

Encaixe: ECO-783



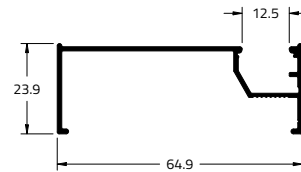
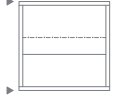
ECO-783

Marco Travessa

0.412 Kg/m

ESCALA 1:2

Encaixe: ECO-784



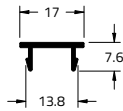
AL-13

Tampa do Marco Altura

0.117 Kg/m

ESCALA 1:2

Encaixe: ECO-783 / ECO-784



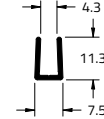
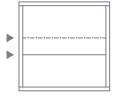
ECO-782

Acabamento do vidro

0.090 Kg/m

ESCALA 1:2

Encaixe: Vidro 4 mm



The image is a full-page architectural rendering of a modern high-rise building. The entire scene is overlaid with a semi-transparent red color. The building features a complex facade with vertical panels, large glass windows, and balconies. In the foreground, there are palm trees, other greenery, and a few stylized human figures walking on a sidewalk. The overall aesthetic is clean and contemporary.

UNION

COMPONENTES

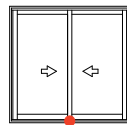
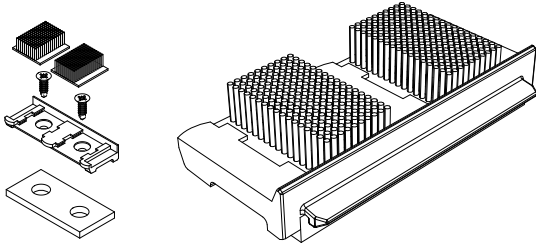
CÓDIGO	DESCRIÇÃO	PÁGINA
2001002	Kit Fecho Central	77
ADP-806	Adaptador para tubo 60mm	84
BRAÇOS	Braço para Folha Maxim-ar	78
BUC-753	Bucha de Nylon	87
CHU-838	Chumbador para Contramarco	81
CHU-PER01	Chumbador para Contramarco	81
CON-1013	Concha Cega para Porta	74
CON-295	Contra Testa para Porta de Giro	79
CON-370	Contra Fecho	72
CON-409	Contra Fecho para Fechadura	72
CON-7311	Concha Cega para Janela	73
CTF-7611	Contra Fecho para CON-7611	75
DOB-840	Dobradiça para Porta de Giro	79
ESP-1104	Espuma Adesiva PVC 11x4mm	89
FEC-009	Fecho para Maxim-ar com Baguete	78
FEC-010	Fecho para Maxim-ar sem Baguete	78
FEC-012	Fecho Concha para Porta	74
FEC-338	Fecho Unha de Sobrepor	80
FEC-7411	Fecho Concha para Janela	73
FEC-7511	Concha Cega Leve Toque	75
FEC-7611	Concha Cega Leve Toque	75
FEC-8611	Fecho Concha Lete Toque - Porta	76
FEC-8511	Fecho Concha Lete Toque - Porta	76
FIT-205	Escova de Vedação com Barreira Plastica 5 x 6mm	88
FIT-206	Escova de Vedação sem Barreira Plastica 5 x 6mm	88
FIT-211	Escova de Vedação com Barreira Plastica 5 x 8mm	88
FIT-212	Escova de Vedação sem Barreira Plastica 5 x 8mm	88
FIT-214	Escova de Vedação com Barreira Plastica 5 x 10mm	88
FRA-822	Fechadura para Porta de Giro	79
FRA-815	Fechadura para Porta de Correr	77
GUA-006	Guarnição em EPDM	89
GUA-007	Guarnição em EPDM	88
GUA-038	Espuma Adesiva PVC 11x4mm	89
GUA-157	Espuma Adesiva PVC 11x6mm	89
GUA-172	Espuma Adesiva PVC 11x2mm	89
GUA-239	Guarnição em EPDM	89
GUA-259	Guarnição Tipo Cunha	89
GUA-283	Guarnição em EPDM	88
GUA-284	Guarnição em EPDM	88
GUA-290	Guarnição Tampa Integrada em EPDM	90
GUI-001	Guia Deslizante 20mm	69
GUI-002	Guia Deslizante 26mm	70
GUI-003	Guia Deslizante 28mm	70

CÓDIGO	DESCRIÇÃO	PÁGINA
GUI-045	Guia da Persiana	84
GUI-046	Guia da Fita	84
GUI-047	Guia da Fita	85
LIN-7611	Lingueta para CON-7611	75
MAC-927	Maçaneta para Porta de Giro	80
NYL-042	Tampa Furo 3/8"	71
NYL-190	Presilha do Arremate	81
NYL-369	Guia Limitadora da Esteira	85
NYL-370	Guia da Persiana	82
NYL-413	Vedação Superior	69
NYL-414	Batedeira	69
NYL-443	Calço da Folha Fixa	69
NYL-450	Guia Deslizante - Slim	70
PAR-437PH	Parafuso Auto Atarraxante 3,5 x 9,5mm	87
PAR-693PH	Parafuso Auto Atarraxante 4,2 x 25mm	87
PAR-694PH	Parafuso Auto Atarraxante 4,2 x 32mm	87
PAR-936PH	Parafuso Auto Atarraxante 4,2 x 16mm	87
PAR-4250PH	Parafuso Auto Atarraxante 4,2 x 50mm	87
PSC-006	Guarnição Tampa Integrada em EPDM	90
REB-440	Rebite de Repuxo em Alumínio	87
REC-004	Kit Recolhedor Motor Bolt UDM35R	82
REC-007	Kit Recolhedor Motor Bolt UDM35S	82
REC-8118	Recolhedor	82
REC-8155	Recolhedor	82
ROL-464NJ	Roldana para Janela	71
ROL-464NP	Roldana para Porta	71
SCA-118	Guia da Persiana	82
SIL-706	Silicone cura neutra para vedação	87
TAM-041	Tampa Persiana 41mm	85
TAM-720	Tampa Superior e Inferior para Montantes	71
TAM-761	Lingueta para CON-7611	72
TAM-773	Tampa da Persiana	84
TAM-780	Tampa Montante	72
TAM-791	Tampa da Persiana	84
TAM-796	Tampa Superior e Inferior para Montantes	72
TAM-804	Tampa Janela Integrada	83
TAM-813	Tampa Porta Integrada	83
TAM-854	Tampa Porta Integrada	83
TAM-815	Tampa Janela Integrada	83
TRA-007	Trava para fecho 32mm	72
TRI-7520	Fecho Central	77
VZC-041	Palheta Cega 41mm	85
VZP-041	Palheta Perfurada 41mm	85
VED-020	Caixa de Dreno	69

VED-020

Caixa de Dreno

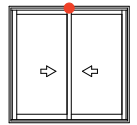
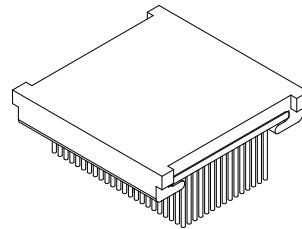
Aplicável nos Perfis:
Trilhos Inferiores e
travessas intermediárias



NYL-413

Vedação Superior

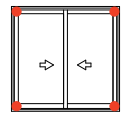
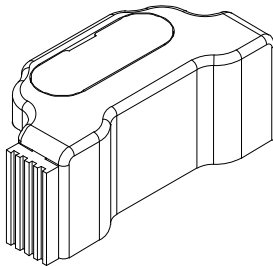
Aplicável nos Perfis:
Trilhos Superiores



NYL-414

Batedeira

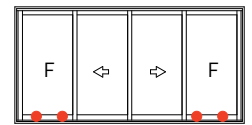
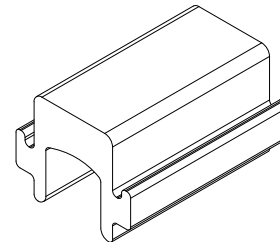
Aplicável nos Perfis:
Trilhos Inferiores e Superiores



NYL-443

Calço da Folha Fixa

Aplicável nos Perfis:
Travessas inferiores de janela
e porta



GUI-001

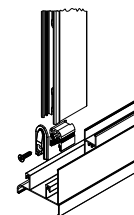
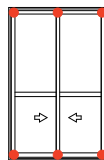
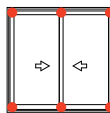
Guia Deslizante - 21 mm

Aplicável nos Perfis:
Montantes Laterais
e Centrais

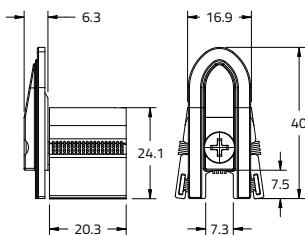
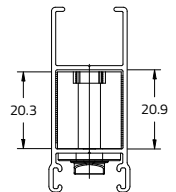
Acabamento:
cor preta ou branca

Material

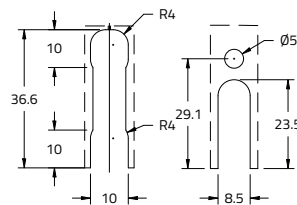
- Vedação / Guia: Polímero
- Escova de Vedação: Polipropileno
- Parafusos: Aço Inox



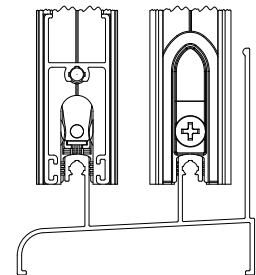
PERSPECTIVA
S/ ESCALA



VISTAS
ESCALA 1:2



USINAGENS
ESCALA 1:2



APLICAÇÃO
ESCALA 1:2

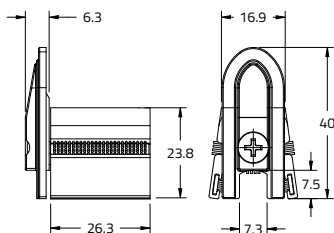
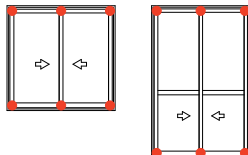
GUI-002

Guia Deslizante - 26 mm

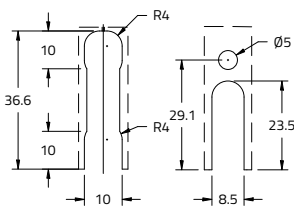
Aplicável nos Perfis:
Montantes Laterais
e Centrais

Acabamento:
cor preta ou branca

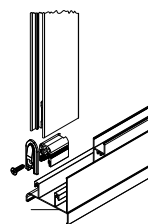
Material
- Vedação / Guia: Polímero
- Escova de Vedação: Polipropileno
- Parafusos: Aço Inox



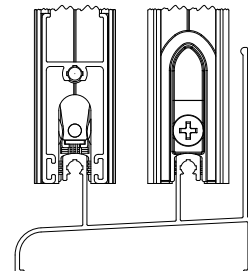
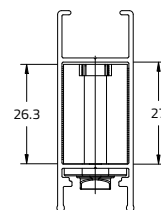
VISTAS
ESCALA 1:2



USINAGENS
ESCALA 1:2



PERSPECTIVA
S/ ESCALA



APLICAÇÃO
ESCALA 1:2

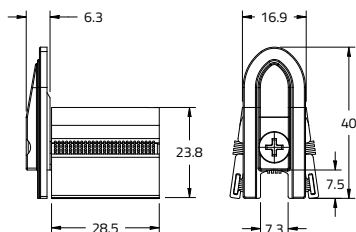
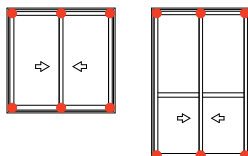
GUI-003

Guia Deslizante - 28 mm

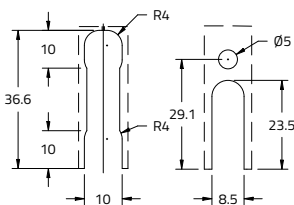
Aplicável nos Perfis:
Montantes Laterais
e Centrais

Acabamento:
cor preta ou branca

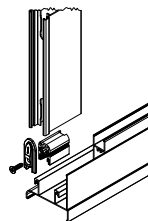
Material
- Vedação / Guia: Polímero
- Escova de Vedação: Polipropileno
- Parafusos: Aço Inox



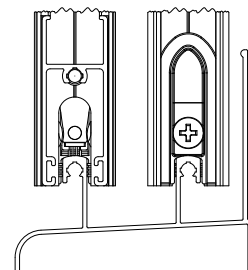
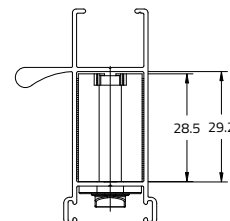
VISTAS
ESCALA 1:2



USINAGENS
ESCALA 1:2



PERSPECTIVA
S/ ESCALA



APLICAÇÃO
ESCALA 1:2

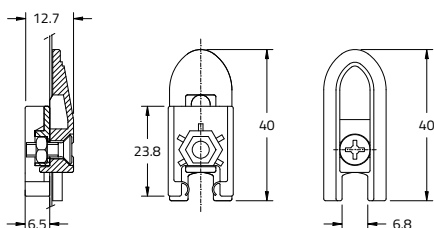
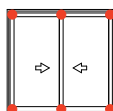
NYL-450

Guia Deslizante - Slim

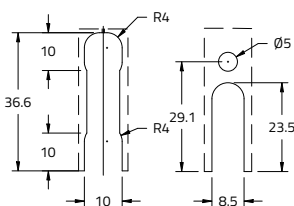
Aplicável nos Perfis:
Montantes Laterais
e Centrais Slim

Acabamento:
cor preta ou branca

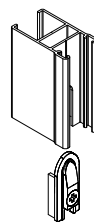
Material
- Vedação / Guia: Polímero
- Escova de Vedação: Polipropileno
- Parafusos: Aço Inox



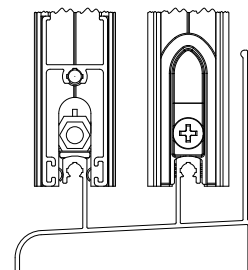
VISTAS
ESCALA 1:2



USINAGENS
ESCALA 1:2



PERSPECTIVA
S/ ESCALA

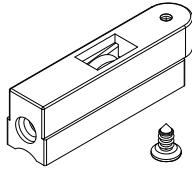
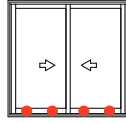


APLICAÇÃO
ESCALA 1:2

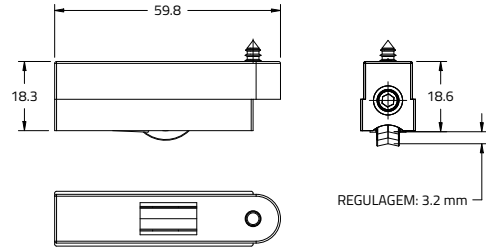
ROL-464NJ

Roldana c/ Rolamento para Janela
Capacidade: 15 kg/roldana

Aplicável nos Perfis:
Travessas inferiores de janela



PERSPECTIVA
5/ ESCALA

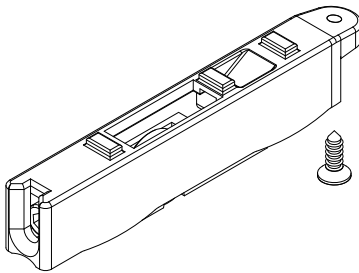
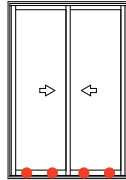


VISTAS
ESCALA 1:2

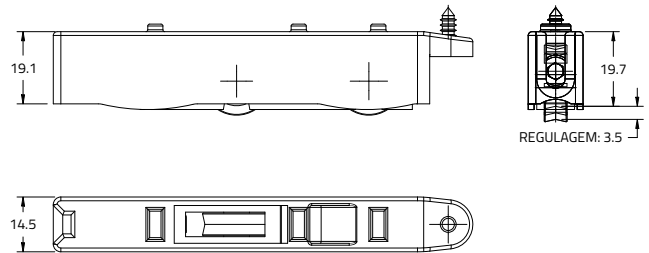
ROL-464NP

Roldana c/ Rolamento para Porta
Capacidade: 30 kg/roldana

Aplicável nos Perfis:
Travessas inferiores de porta



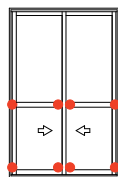
PERSPECTIVA
5/ ESCALA



VISTAS
ESCALA 1:2

NYL-042

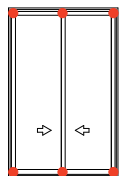
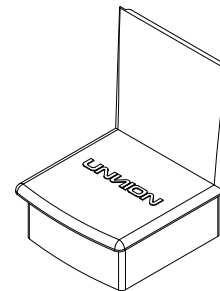
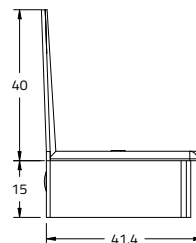
Tampa Furo 3/8"



TAM-720

Tampa do tubular para Montantes

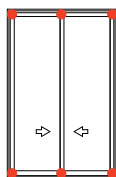
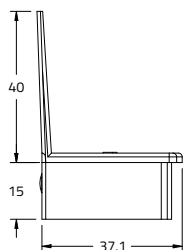
Aplicável nos Perfis:
ECO-720 / ECO-721



TAM-761

Tampa do tubular para Montantes

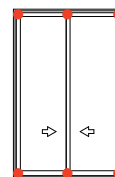
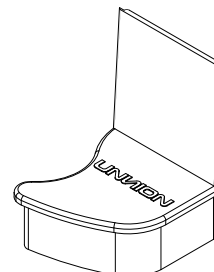
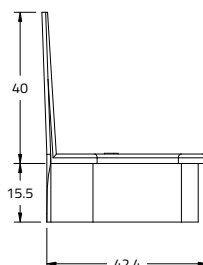
Aplicável nos Perfis:
ECO-760 / ECO-761



TAM-796

Tampa do tubular para Montantes

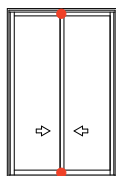
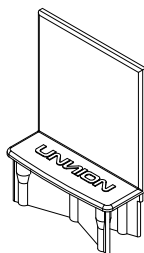
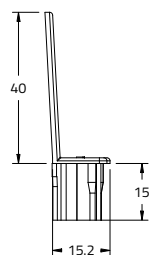
Aplicável nos Perfis:
ECO-795 / ECO-796



TAM-780

Tampa do tubular para Montantes

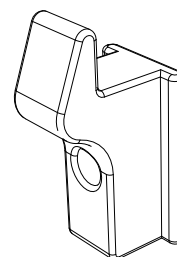
Aplicável nos Perfis:
ECO-780



CON-370

Contra Fecho

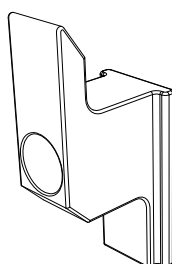
Aplicável:
FEC-7411 / FEC-012



CON-409

Contra Fecho para Fechadura

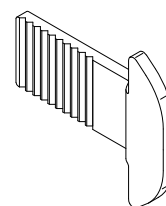
Aplicável:
FRA-815



TRA-007

Trava para fecho 32mm

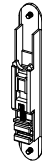
Aplicável:
FEC-7411 / FEC-012



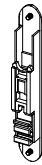
FEC-7411

Fecho Concha para Janela

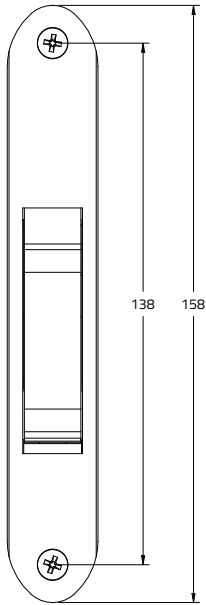
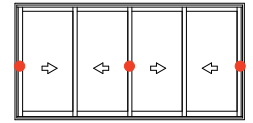
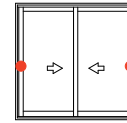
Aplicável nos Perfis:
Montantes Laterais e
Centrais



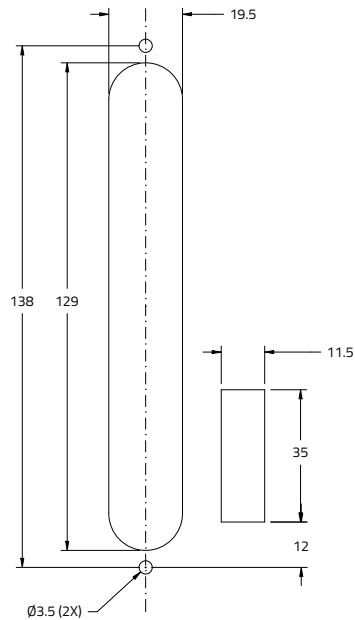
OPÇÃO
COM MOLLA



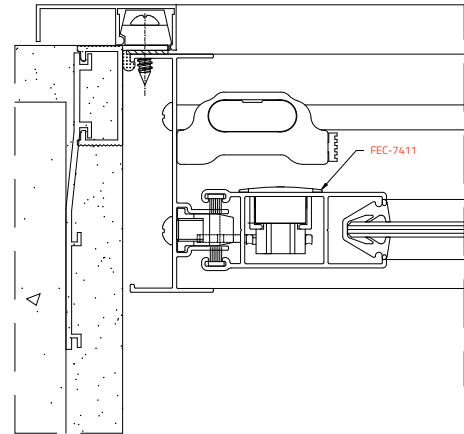
OPÇÃO
SEM MOLLA



VISTAS
ESCALA 1:2



VISTAS
ESCALA 1:2

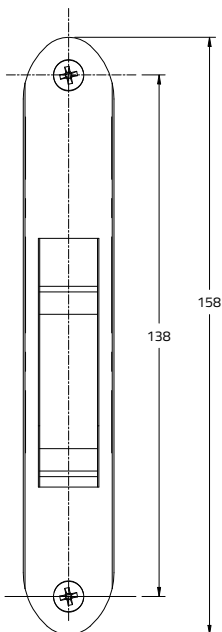
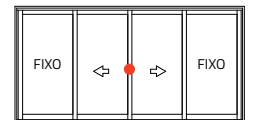


APLICAÇÃO
ESCALA 1:2

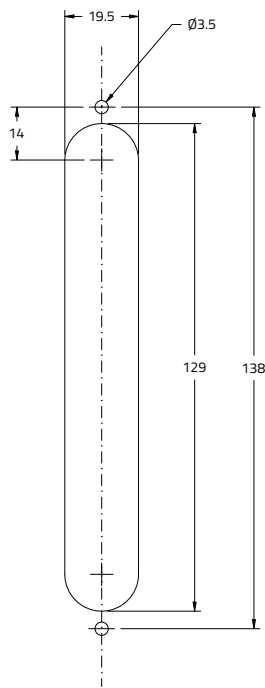
CON-7311

Concha Cega para Janela

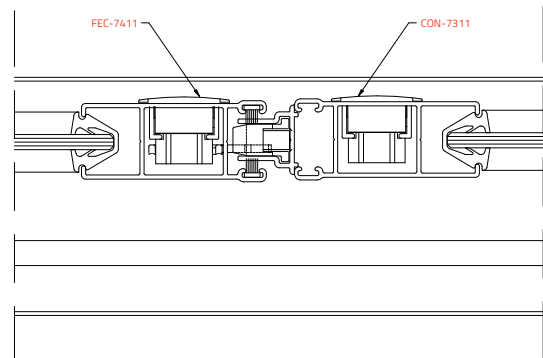
Aplicável nos Perfis:
Montantes Centrais



VISTAS
ESCALA 1:2



VISTAS
ESCALA 1:2

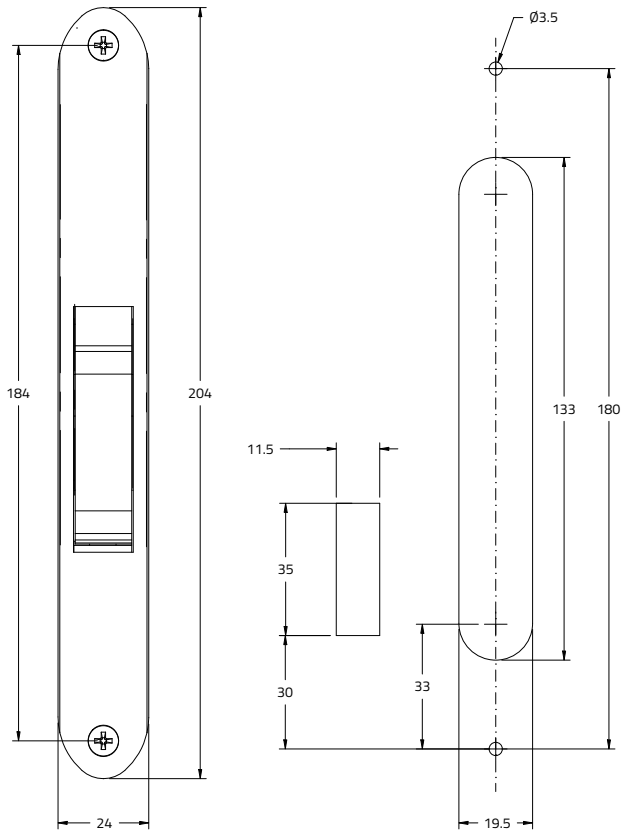
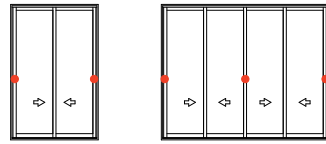


APLICAÇÃO
ESCALA 1:2

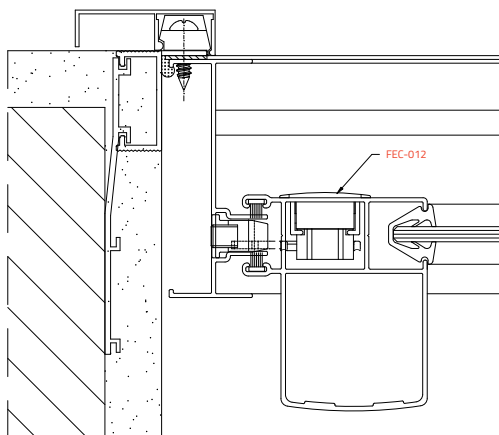
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

FEC-012

Fecho Concha para Porta



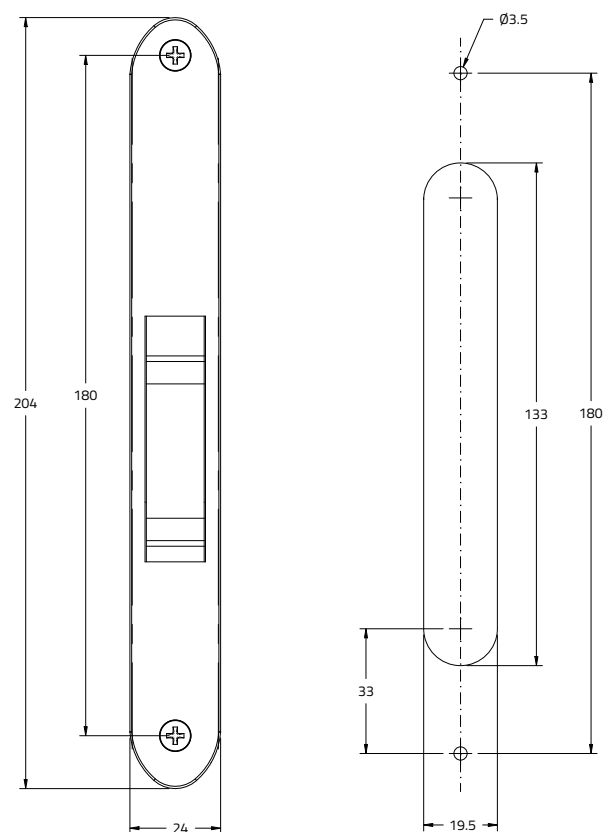
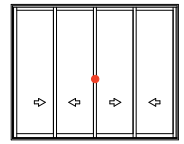
VISTAS
ESCALA 1:2



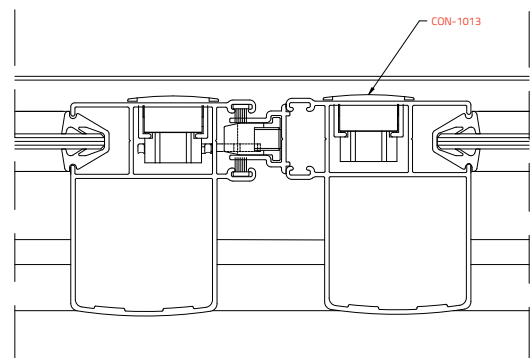
APLICAÇÃO
ESCALA 1:2

CON-1013

Concha Cega para Porta



VISTAS
ESCALA 1:2

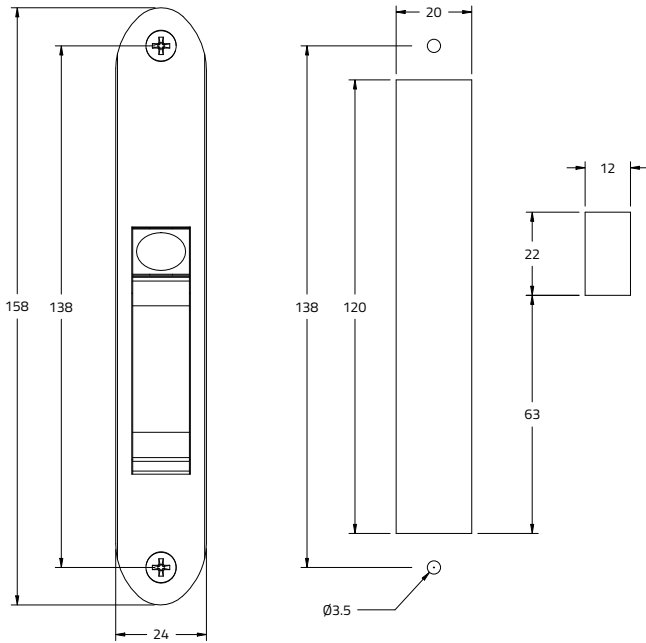
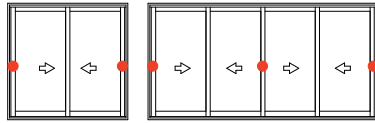


APLICAÇÃO
ESCALA 1:2

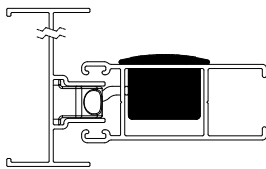
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

FEC-7611

Fecho Concha Leve toque



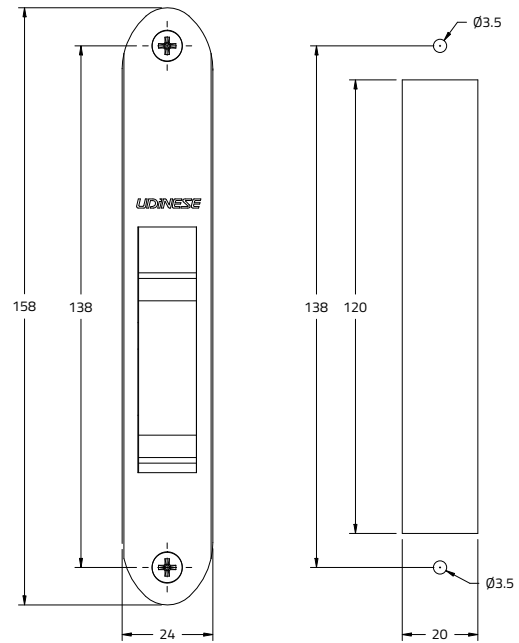
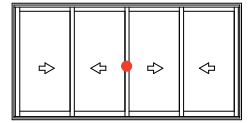
VISTAS / USINAGENS
ESCALA 1:2



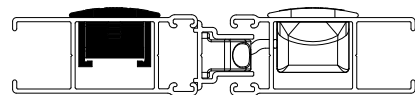
APLICAÇÃO
ESCALA 1:2

FEC-7511

Concha Cega Leve toque



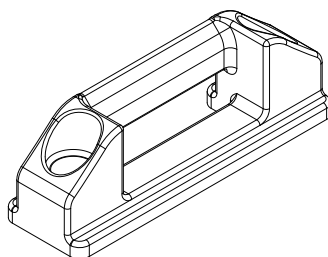
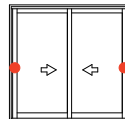
VISTAS / USINAGENS
ESCALA 1:2



APLICAÇÃO
ESCALA 1:2

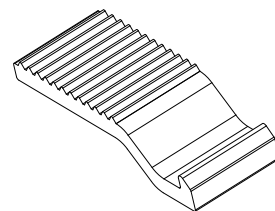
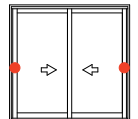
CTF-7611

Contra Fecho para CON-7611



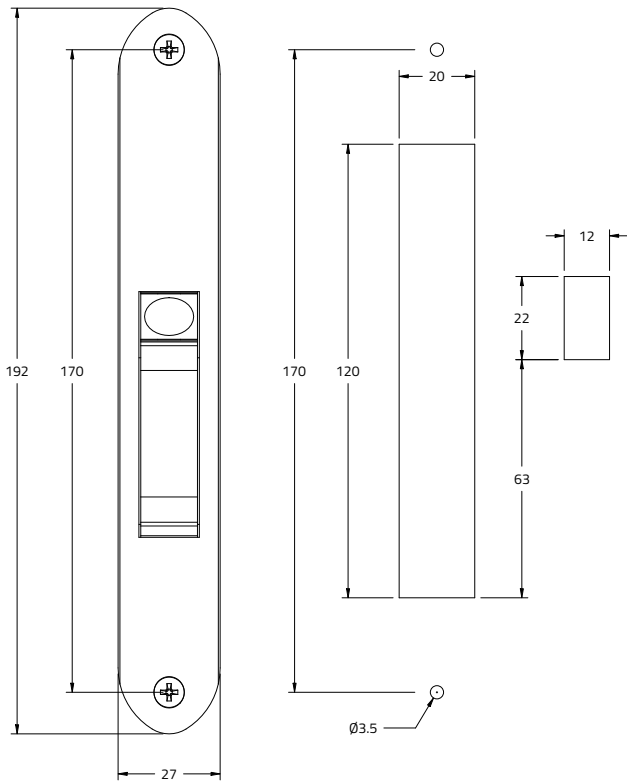
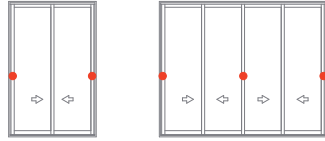
LIN-7611

Lingueta para CON-7611

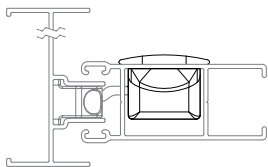


FEC-8611

Fecho Concha Leve toque - Porta



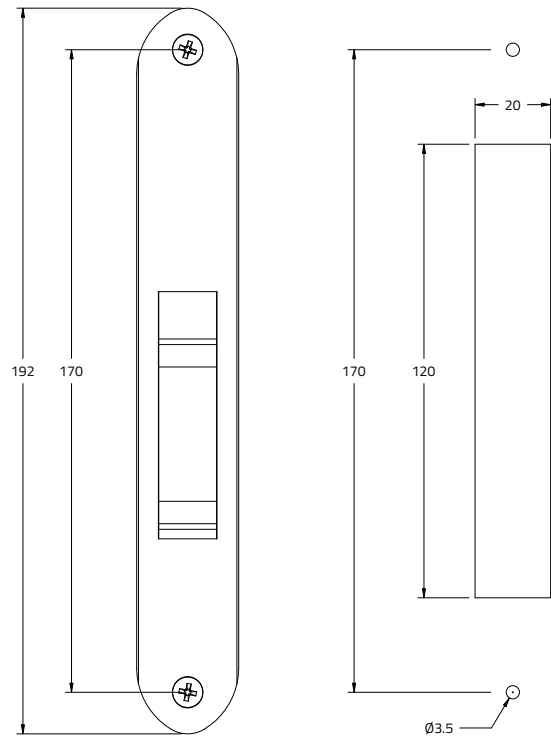
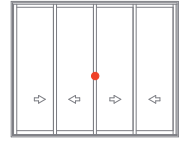
VISTAS / USINAGENS
ESCALA 1:2



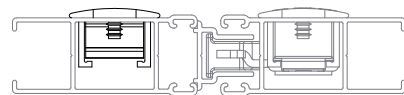
APLICAÇÃO
ESCALA 1:2

CON-8511

Concha Cega Leve toque - Porta



VISTAS / USINAGENS
ESCALA 1:2



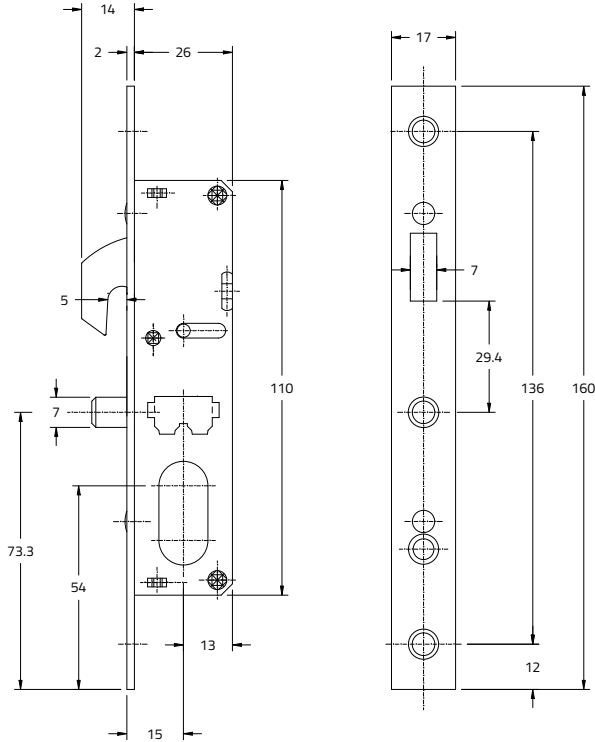
APLICAÇÃO
ESCALA 1:2

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

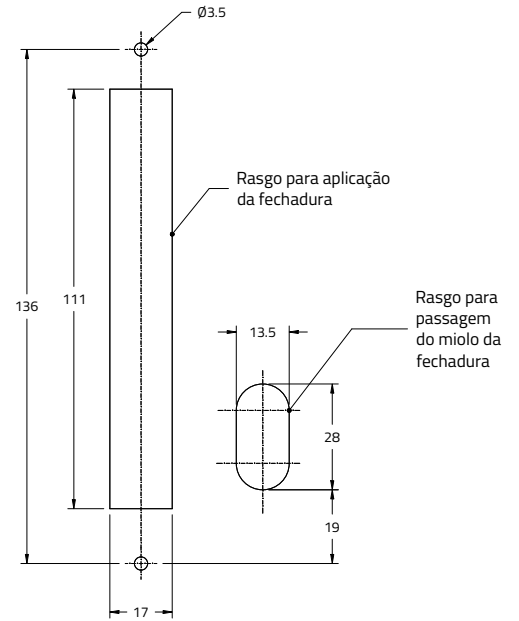
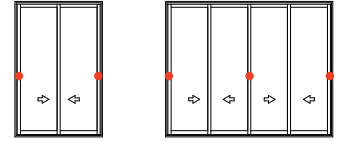
FRA-815

Fechadura para Porta de Correr

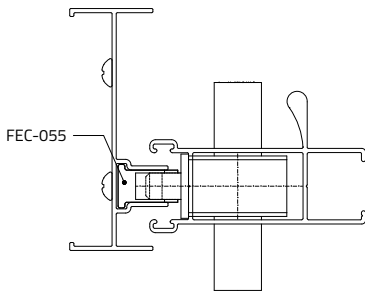
Aplicável nos Perfis:
Montantes Laterais e Centrais



VISTAS
ESCALA 1:2



DETALHE DE USINAGEM
ESCALA 1:2

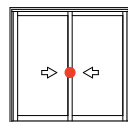
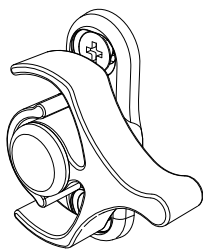


APLICAÇÃO
ESCALA 1:2

TRI-7520

Fecho Central

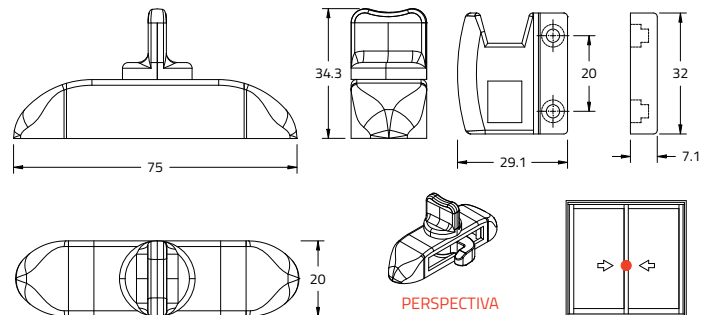
Aplicável no Perfil:
ECO-743



2001002

Kit Fecho Central

Aplicável no Perfil:
Engates sem baguete

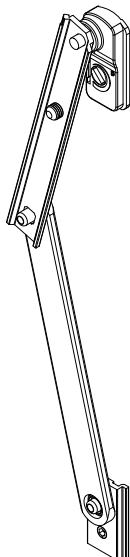
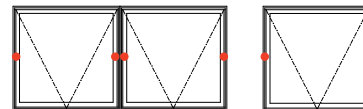


PERSPECTIVA
S/ ESCALA

BRAÇOS

Braço para folha maxim-ar

Aplicável nos Perfis:
ECO-763

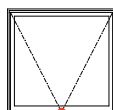
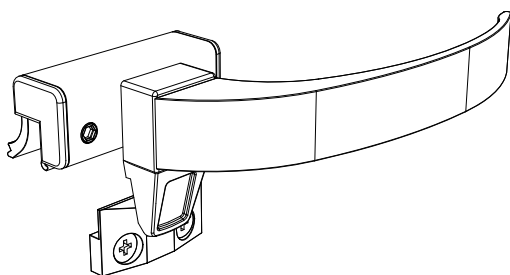


CÓDIGO	DIMENSÃO	LARGURA	ALTURA DA FOLHA		CARGA MÁXIMA
	BRAÇO (MM)	MÁXIMA (MM)	MÍN. (MM)	MÁX. (MM)	PESO FOLHA
BRA-705	250	750	270	500	6 KG
BRA-704	400	750	400	650	8 KG
BRA-702	500	750	520	810	10 KG
BRA-703	750	750	810	900	11 KG

FEC-009

Fecho para Maxim-ar

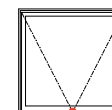
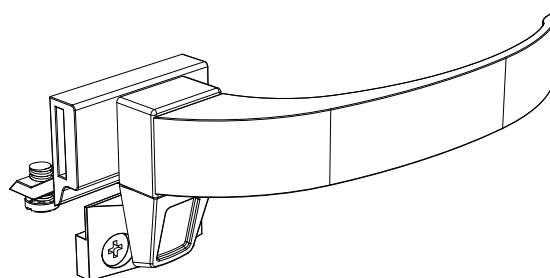
Aplicável nos Perfis
com Baguele



FEC-010

Fecho para Maxim-ar

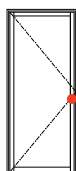
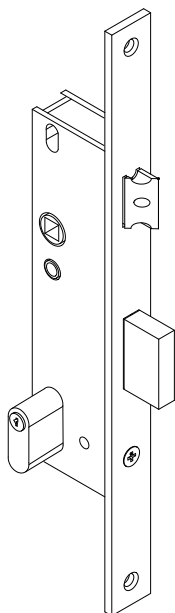
Aplicável nos Perfis
sem Baguele



FRA-822

Fechadura para Porta de Giro

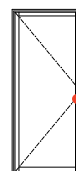
Aplicável no Perfil:
ECO-730



CON-295

Contra Testa para Porta de Giro

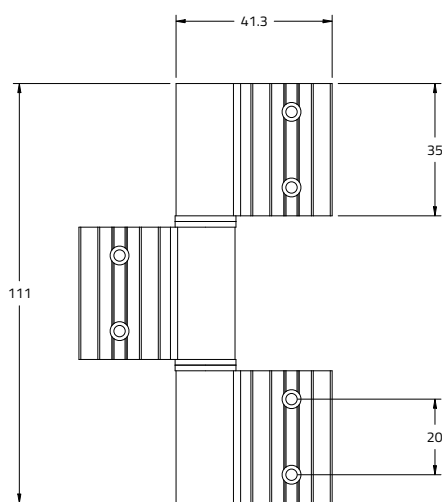
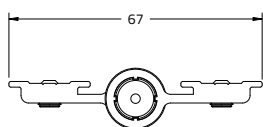
Aplicável no Perfil:
ECO-732



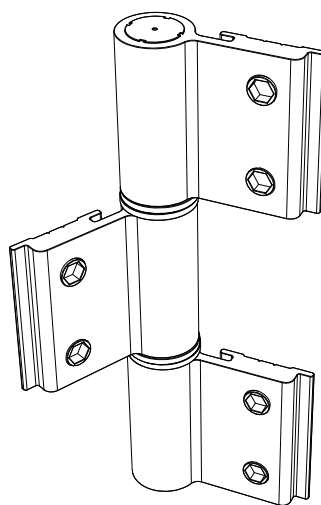
DOB-840

Dobradiça para Porta de Giro

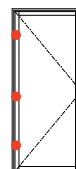
Aplicável nos Perfis:
ECO-732 / ECO-730



VISTAS
ESCALA 1:2



PERSPECTIVA
S/ ESCALA

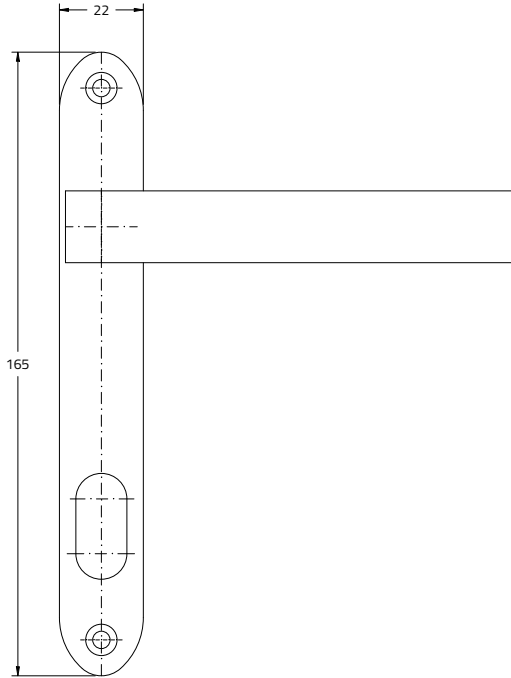


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

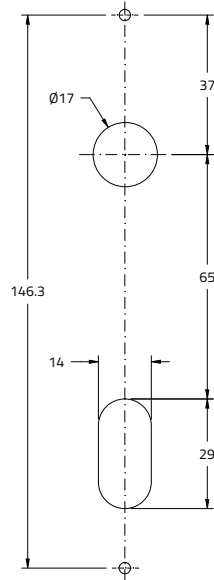
MAC-927

Maçaneta para Porta de Giro

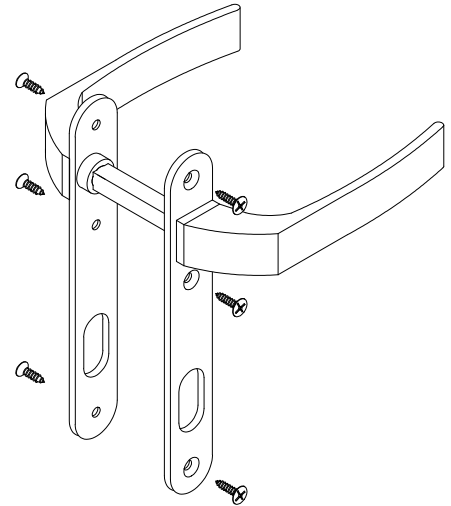
Aplicável no Perfil:
ECO-730



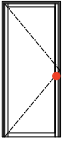
VISTAS
ESCALA 1:2



USINAGEM
ESCALA 1:2



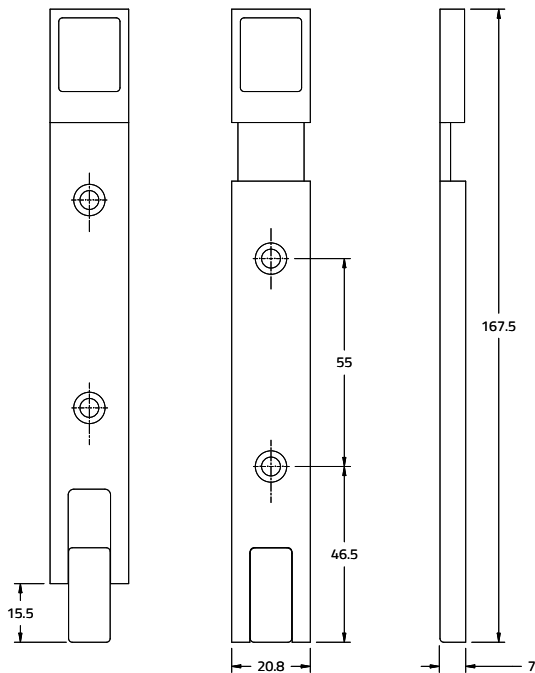
PERSPECTIVA
S/ ESCALA



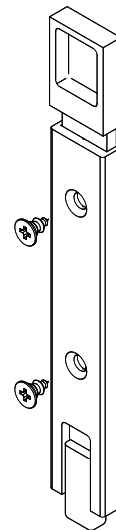
FEC-338

Fecho Unha de Sobrepor

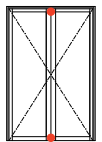
Aplicável no Perfil:
ECO-730



VISTAS
ESCALA 1:2



PERSPECTIVA
S/ ESCALA

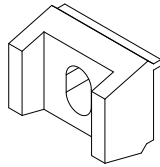
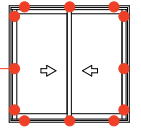


NYL-190

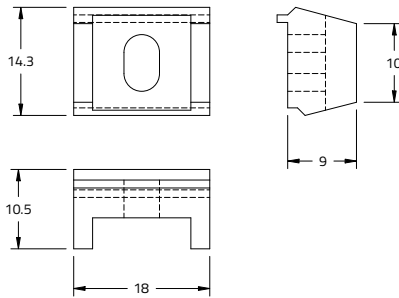
Presilha do Arremate

Aplicável em todas as tipologias com contramarco

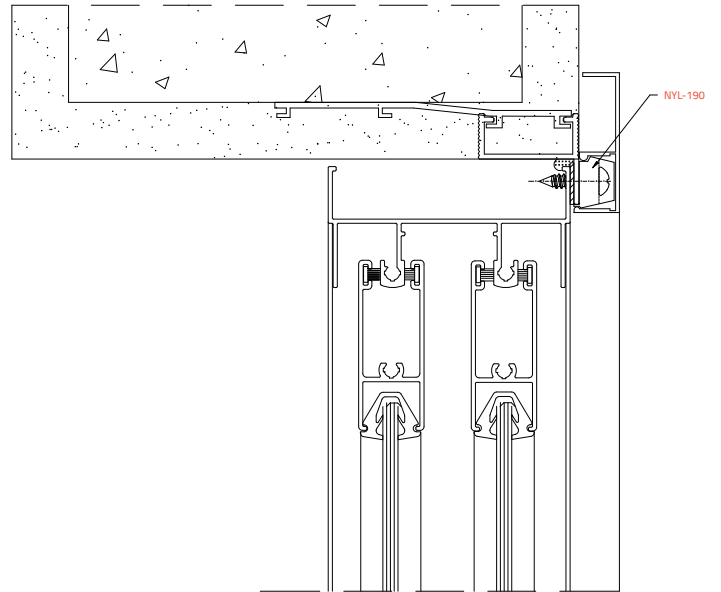
Recomendamos a utilização de 01 peça a cada 500 mm
Com um mínimo de 3 peças por lado



PERSPECTIVA
S/ ESCALA



VISTAS
ESCALA 1:2



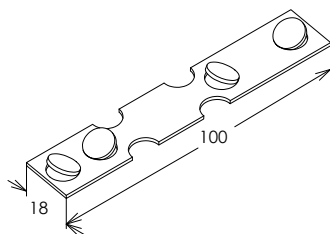
APLICAÇÃO
ESCALA 1:2

CHU-PER01

Chumbador para Contramarco

Aço Galvanizado

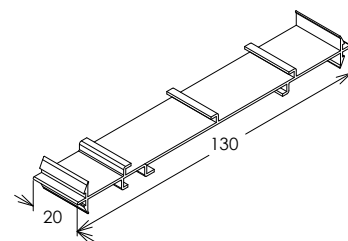
Aplicável nos Perfis:
CM-200/CM-ECO



CHU-838

Chumbador para Contramarco

Aplicável no Perfil:
CM-200 / CM-060 / CM-174

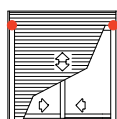
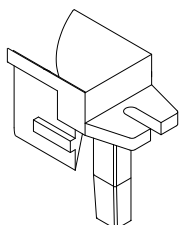


NYL-370

Guia da Persiana

SEM ESCALA

A

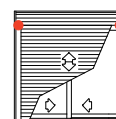
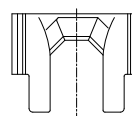
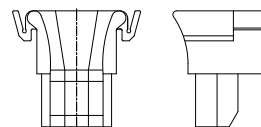


SCA-118

Guia da Persiana

SEM ESCALA

B

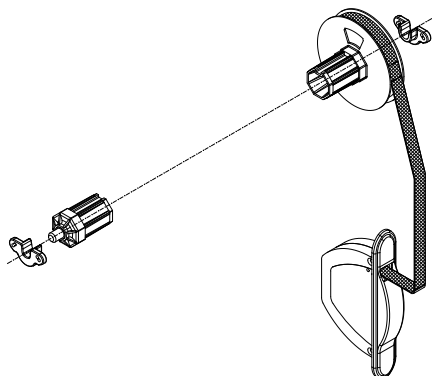


REC-8118

Kit Recolhedor

Até h = 2400 mm

SEM ESCALA

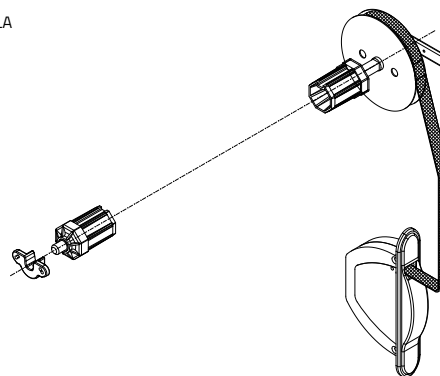


REC-8155

Kit Recolhedor

Até h = 2500 mm

SEM ESCALA

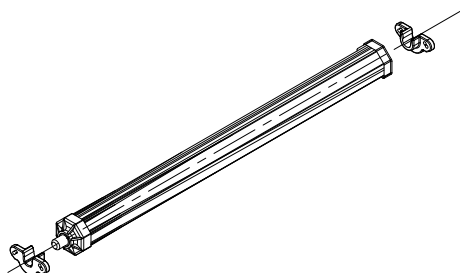


REC-004

Kit Recolhedor Motor Bolt UDM35R

110v - 60 Hz - 32,5 kg

SEM ESCALA

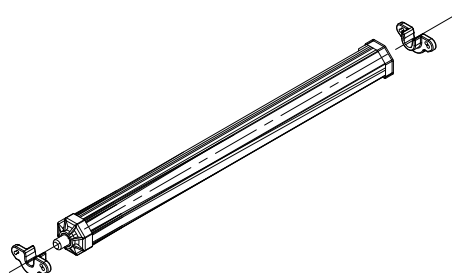


REC-007

Kit Recolhedor Motor Bolt UDM35S

220v - 60 Hz - 32,5 kg

SEM ESCALA

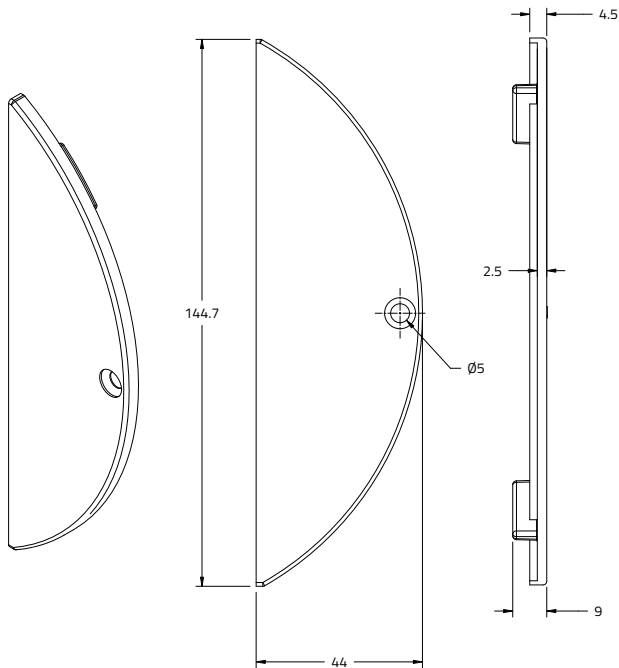


TAM-804

Tampa Janela Integrada

SEM ESCALA

B

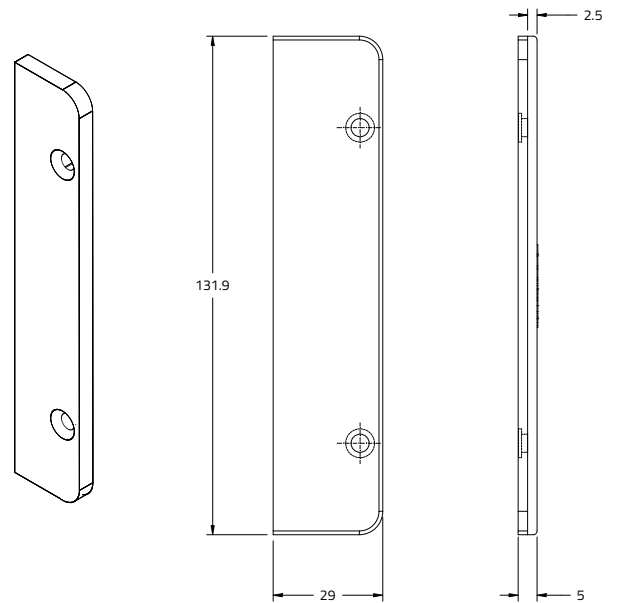


TAM-815

Tampa Janela Integrada

SEM ESCALA

B

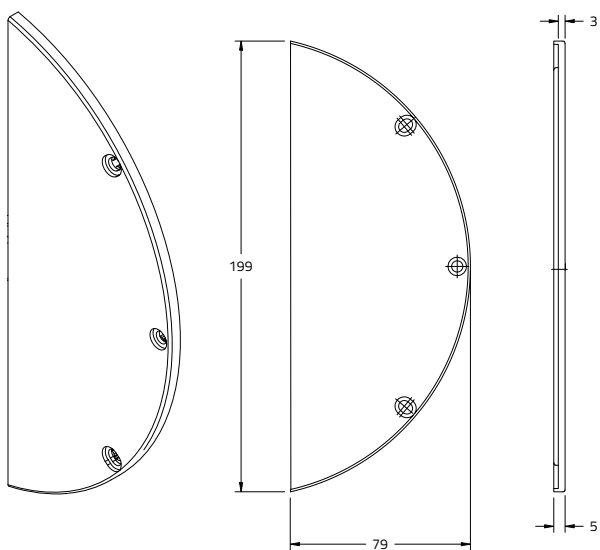


TAM-854

Tampa Porta Integrada

SEM ESCALA

B

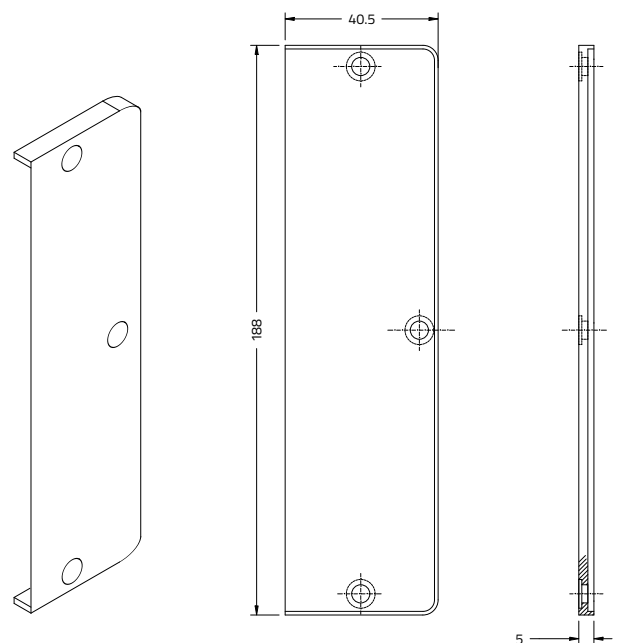


TAM-813

Tampa Porta Integrada

SEM ESCALA

B



PERFIS, PROJETOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

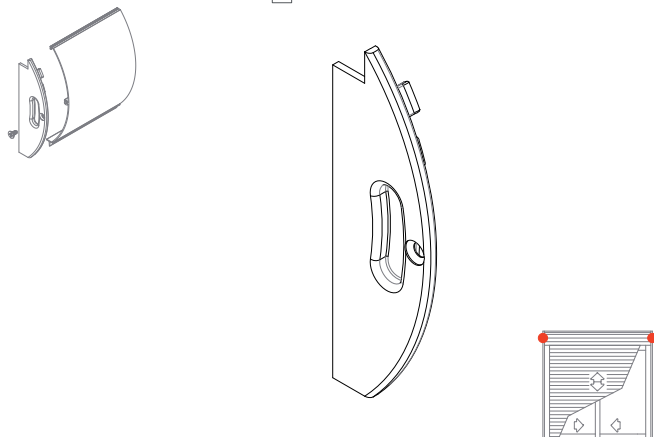
TAM-773

Tampa da Persiana - Janela

Aplicável no Perfil:
ECO-773

SEM ESCALA

A



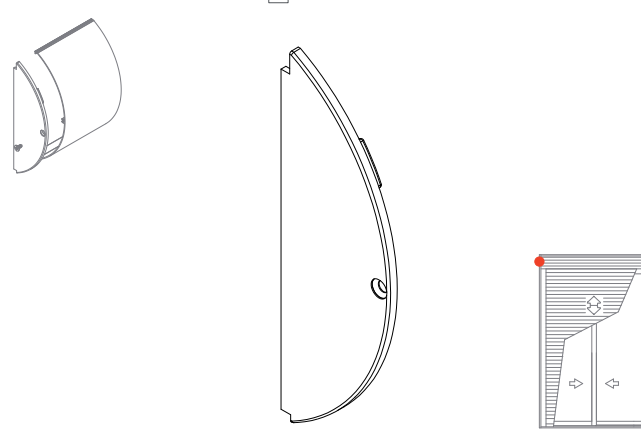
TAM-791

Tampa da Persiana - Porta

Aplicável no Perfil:
ECO-791

SEM ESCALA

A

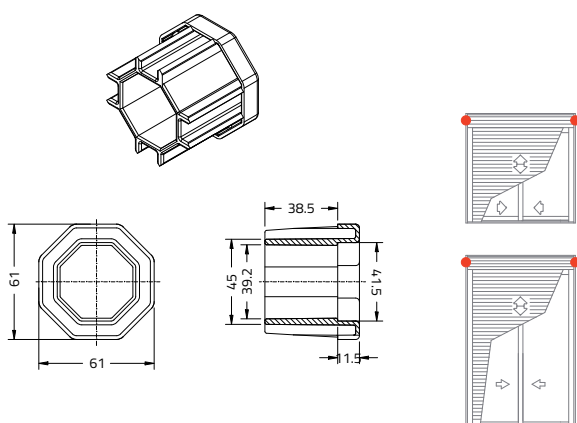


ADP-806

Adaptador para tubo Ø60 mm

Aplicável nos Perfis:
ECO-708

SEM ESCALA

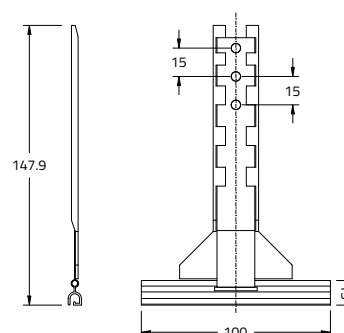


FIX-EST130

Fixador Esteira Persiana

Aplicável nos Perfis:
ECO-773 / ECO-791

SEM ESCALA

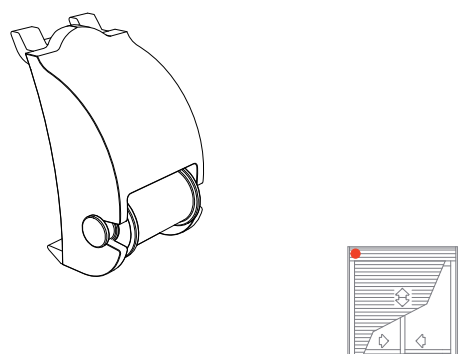


GUI-045

Guia da Fita - Saída Frontal

Aplicável nos Perfis:
ECO-773 / ECO-791
VT-819 / VT-869

SEM ESCALA

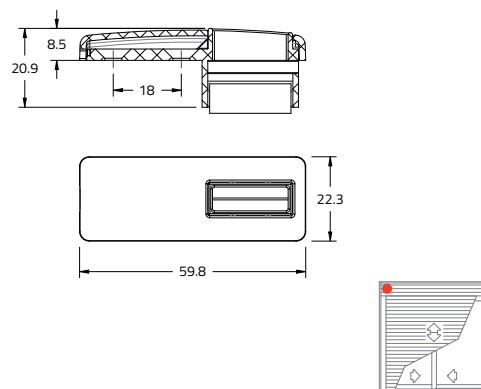


GUI-046

Guia da Fita - Saída Inferior

Aplicável nos Perfis:
VT-919 / VT-969

SEM ESCALA

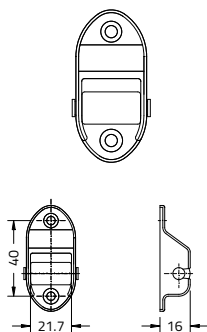


GUI-047

Guia da Fita - Saída Frontal

Aplicável nos
Perfis:
VT-919 / VT-969

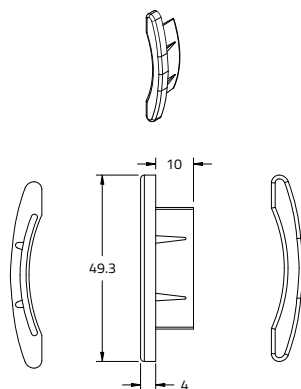
SEM ESCALA



TAM-041

Tampa Persiana 41 mm

SEM ESCALA

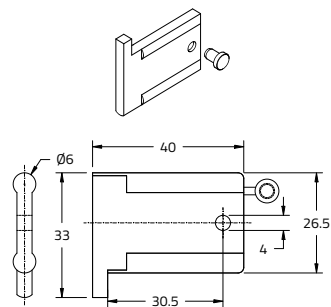


NYL-369

Guia Limitadora da Esteira

Aplicável nos
Perfis:
ECO-776

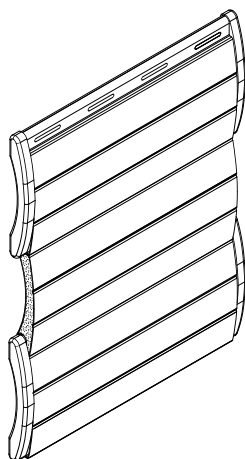
SEM ESCALA



VZC-041

Palheta Cega 41 mm

SEM ESCALA



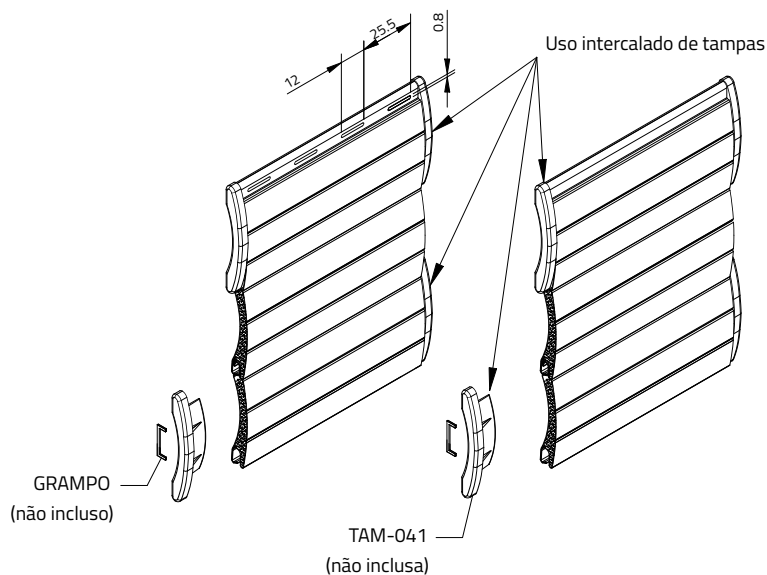
VZP-041

Palheta Perfurada 41 mm

SEM ESCALA

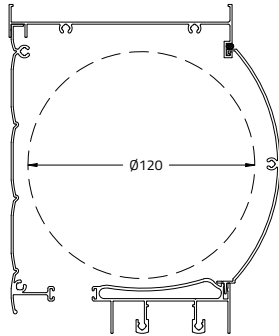
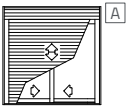
VZP-041

VZC-041



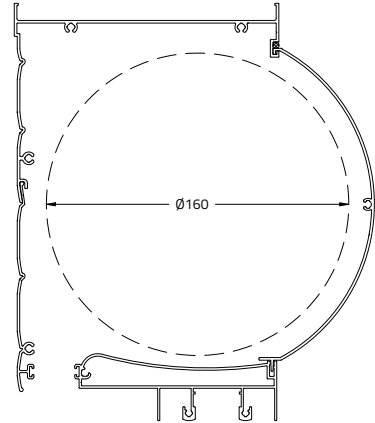
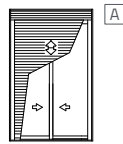
ROLO MÁXIMO PARA PERSIANA INTEGRADA

JANELA DE CORRER COM PERSIANA INTEGRADA



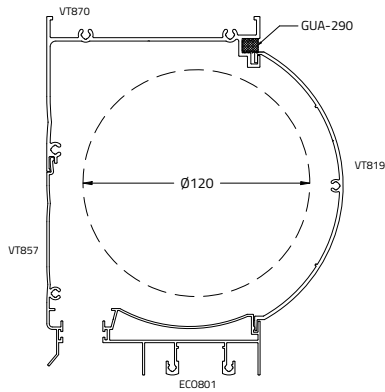
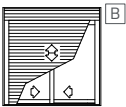
H_{MAX} = 1000 mm

PORTA DE CORRER COM PERSIANA INTEGRADA



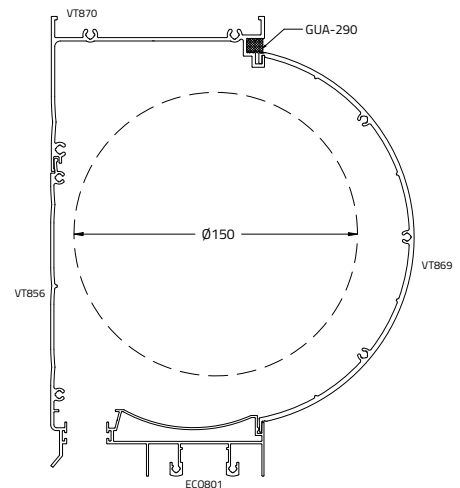
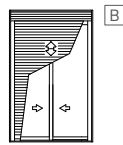
H_{MAX} = 2200 mm

JANELA DE CORRER COM PERSIANA INTEGRADA



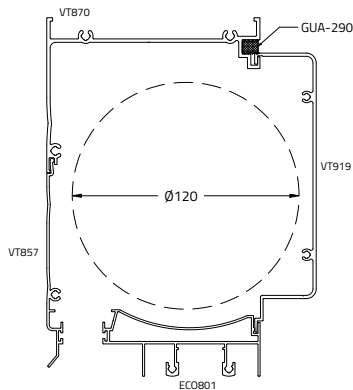
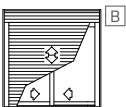
H_{MAX} = 1000 mm

PORTA DE CORRER COM PERSIANA INTEGRADA



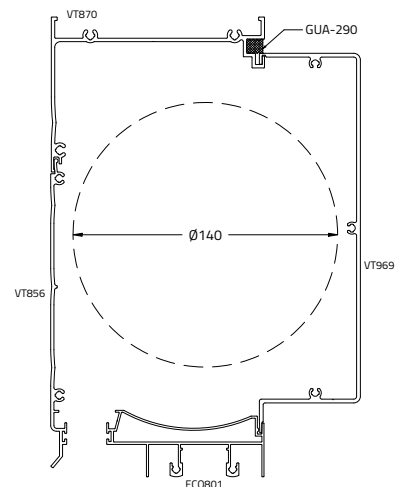
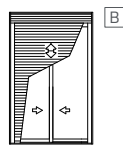
H_{MAX} = 1900 mm

JANELA DE CORRER COM PERSIANA INTEGRADA



H_{MAX} = 1000 mm

PORTA DE CORRER COM PERSIANA INTEGRADA



H_{MAX} = 1600 mm

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

PAR-437PH

Parafuso Auto Atarraxante
Ø3,5 x 9,5 mm

- Cabeça Panela
- Fenda Philips
- Inox



PAR-936PH

Parafuso Auto Atarraxante
Ø4,2 x 16 mm

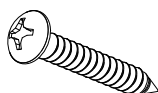
- Cabeça Panela
- Fenda Philips
- Inox



PAR-693PH

Parafuso Auto Atarraxante
Ø4,2 x 25 mm

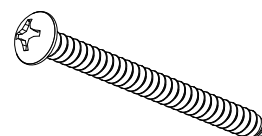
- Cabeça Panela
- Fenda Philips
- Inox



PAR-694PH

Parafuso Auto Atarraxante
Ø4,2 x 32 mm

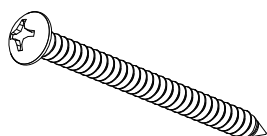
- Cabeça Panela
- Fenda Philips
- Inox



PAR-4250PH

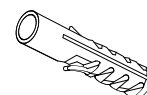
Parafuso Auto Atarraxante
Ø4,2 x 50 mm

- Cabeça Panela
- Fenda Philips
- Inox



BUC-753

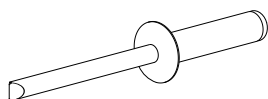
Bucha de nylon - 56



REB-440

Rebite de Repuxo em Alumínio
Ø3,2 x 10,2 mm

- Cabeça Panela
- Fenda Philips
- Inox



SIL-706

Silicone cura neutra para vedação

Cores:
Branco / Preto / Incolor / Cinza

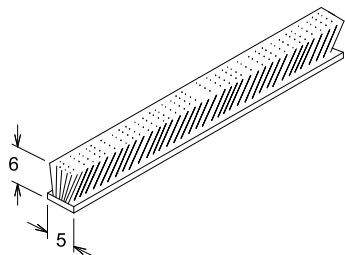


ORIENTAÇÕES:

Sempre proteger os pontos e locais de corte, furo e usinagem, com aplicação de silicone neutro, evitando o início e desenvolvimentos de pontos e processos de corrosão filiforme.

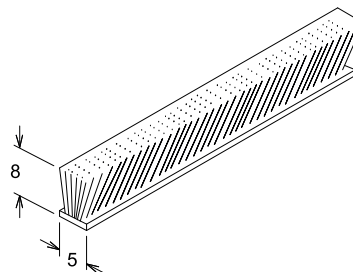
FIT-206

Escova de Vedação sem
Barreira Plástica - 5 x 6 mm



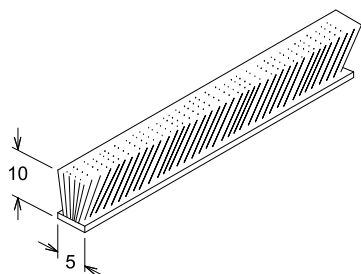
FIT-212

Escova de Vedação sem
Barreira Plástica - 5 x 8 mm



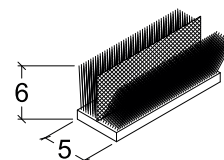
FIT-214

Escova de Vedação com
Barreira Plástica - 5 x 10 mm



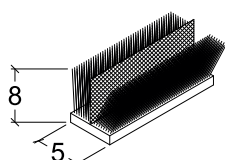
FIT-205

Escova de Vedação com
Barreira Plástica - 5 x 6 mm



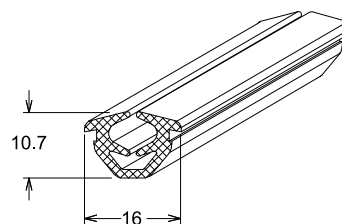
FIT-211

Escova de Vedação com
Barreira Plástica - 5 x 8 mm



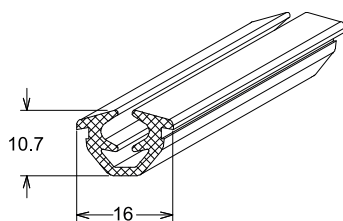
GUA-284

Guarnição em EPDM
Para vidro de 3 e 4 mm



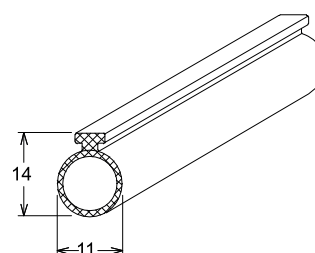
GUA-283

Guarnição em EPDM
Para vidro de 5 e 6 mm



GUA-007

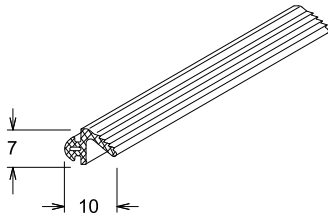
Guarnição Pingadeira em EPDM



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

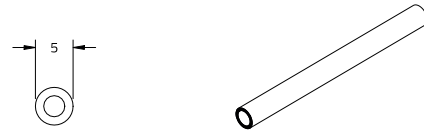
GUA-239

Guarnição em EPDM



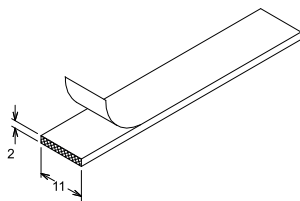
GUA-006

Guarnição em EPDM



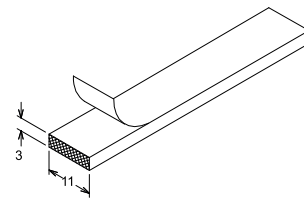
GUA-172

Espuma Adesiva PVC 11 x 2 mm



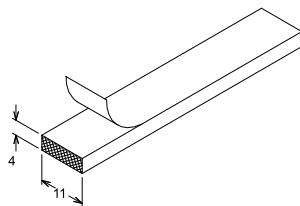
GUA-172

Espuma Adesiva PVC 11 x 3 mm



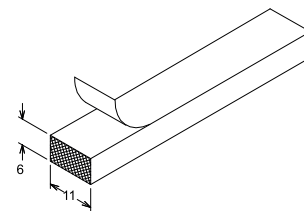
ESP-1104

Espuma Adesiva PVC 11 x 4 mm



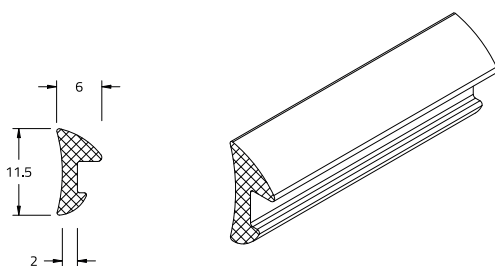
GUA-157

Espuma Adesiva PVC 11 x 6 mm



GUA-038

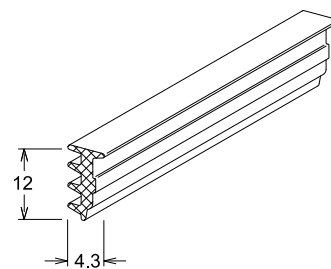
Espuma Adesiva PVC 11 x 4 mm



GUA-259

Guarnição tipo "cunha"

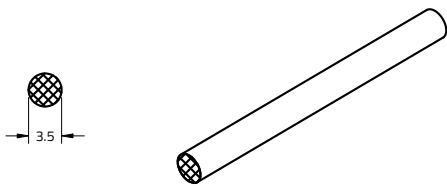
Para vidro de 3 e 4 mm



PSC-006

Guarnição tampa integrada em EPDM

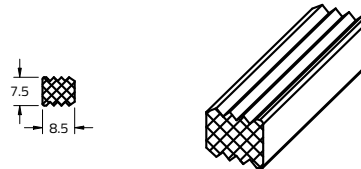
A



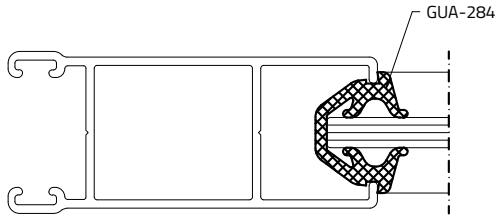
GUA-290

Guarnição tampa integrada em EPDM

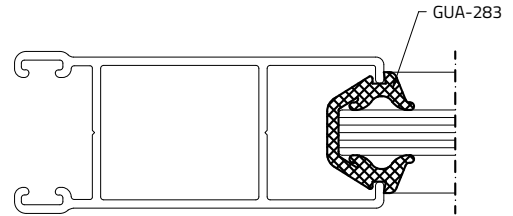
B



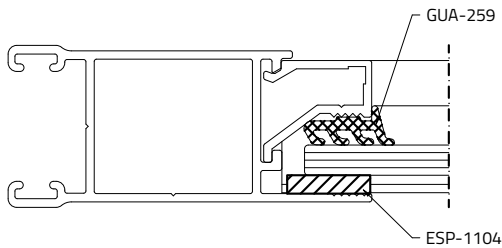
ESPESSURA 3 OU 4 MM



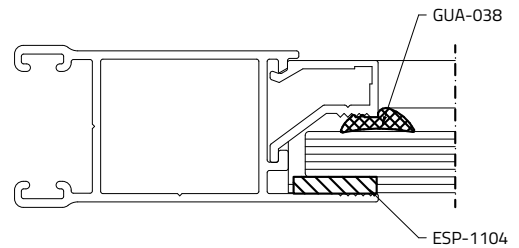
ESPESSURA 5 OU 6 MM



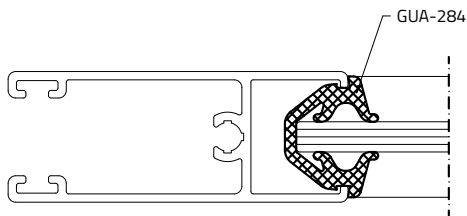
ESPESSURA 3 OU 4 MM



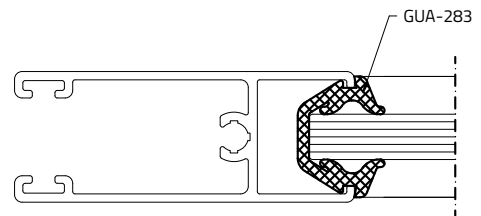
ESPESSURA 5 OU 6 MM



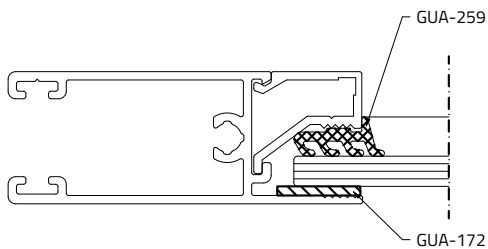
ESPESSURA 3 OU 4 MM



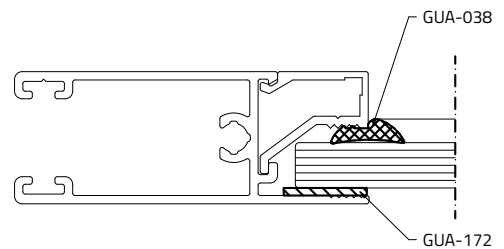
ESPESSURA 5 OU 6 MM



ESPESSURA 3 OU 4 MM



ESPESSURA 5 OU 6 MM



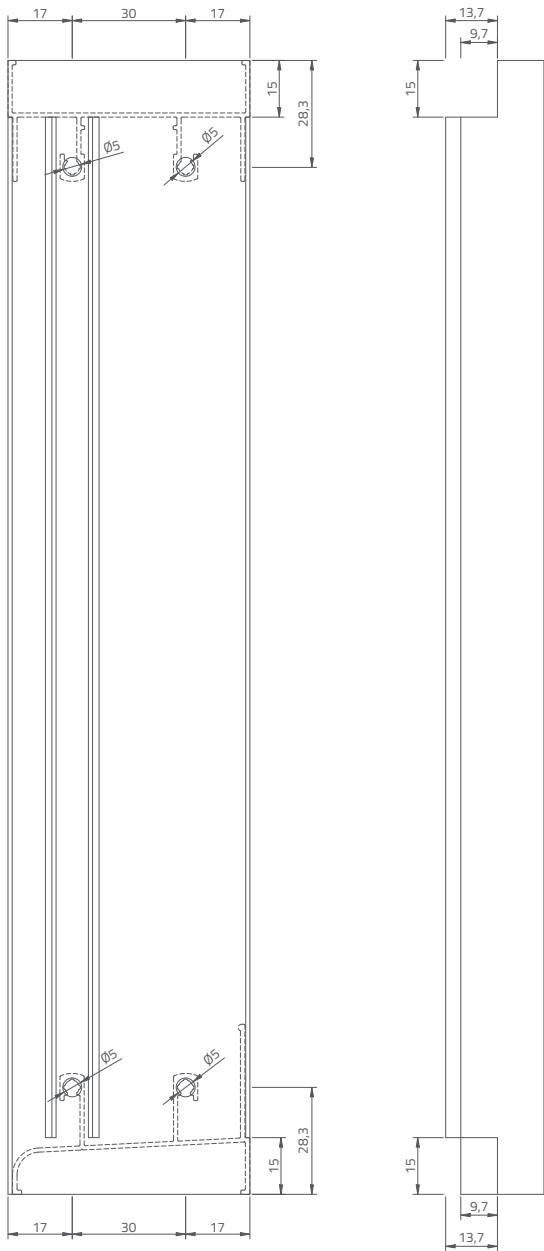
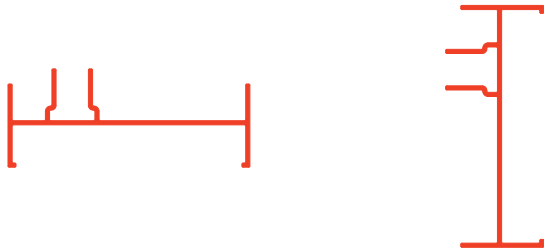
PERFIS, PROJETOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



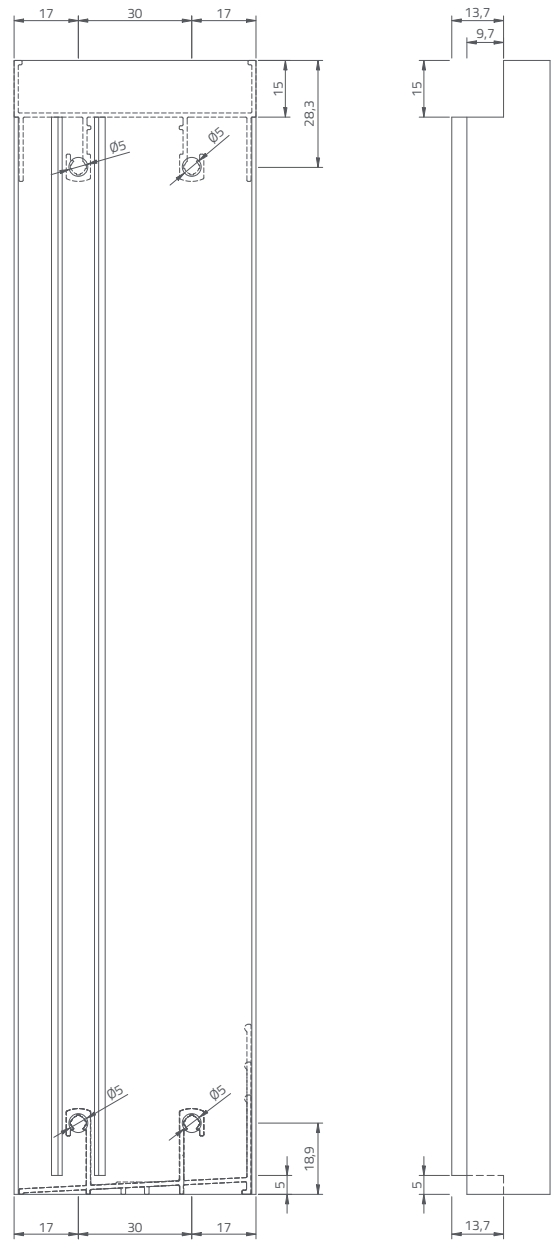
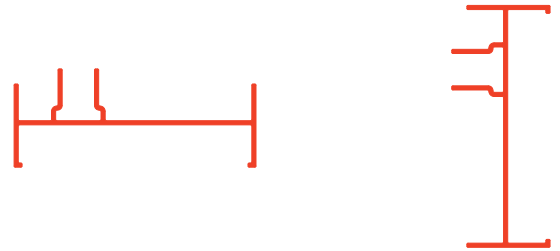
UNILALON

USINAGENS

ECO-703

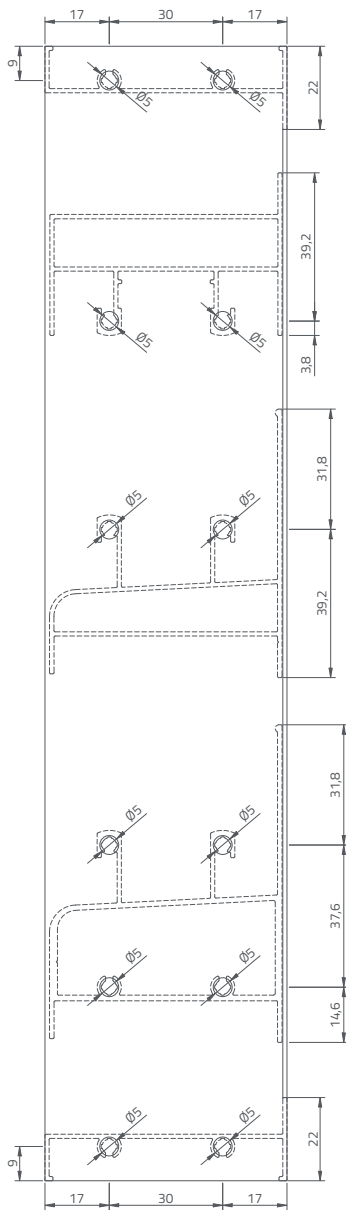


ECO-703

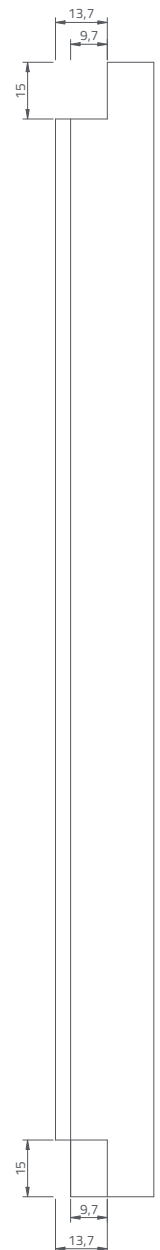
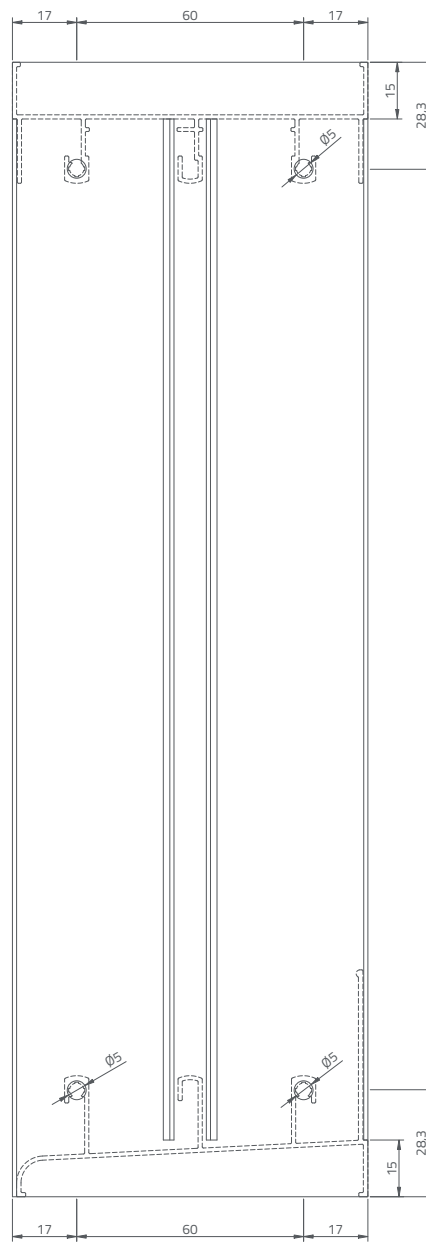


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-707

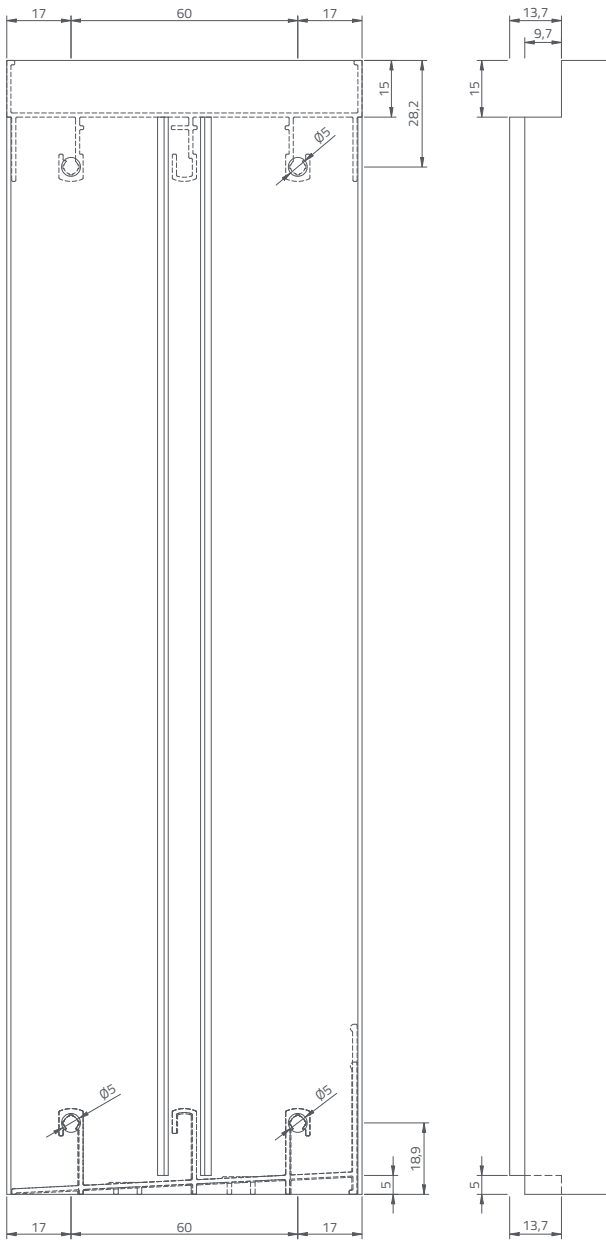


ECO-712

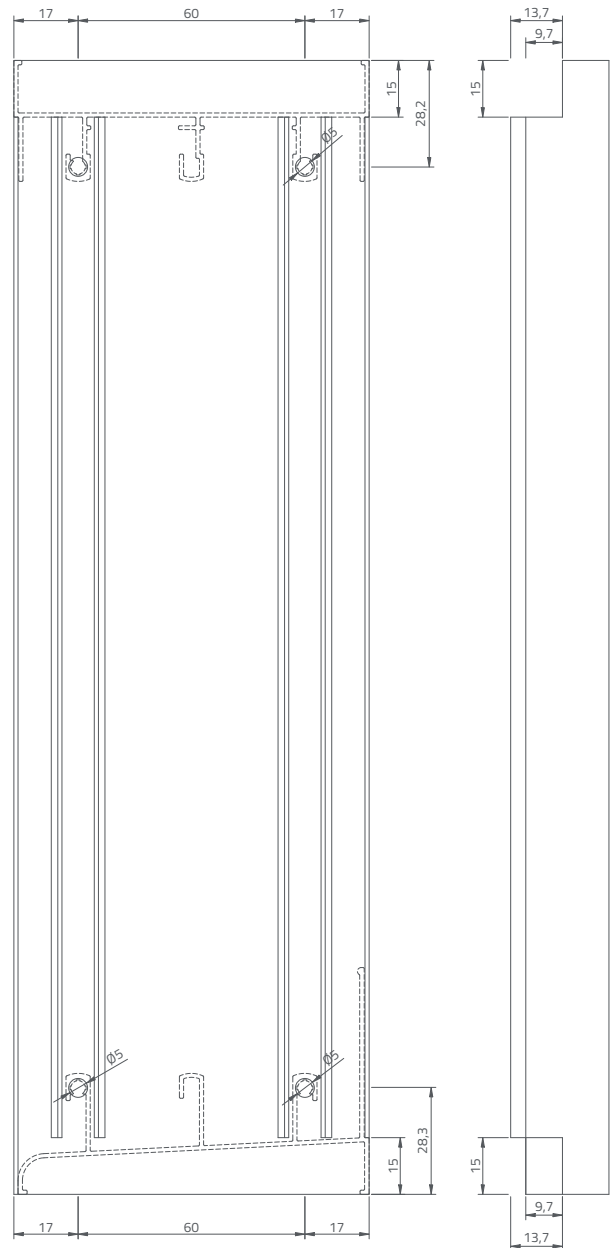
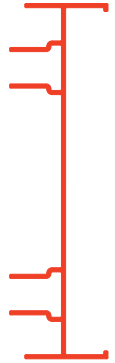


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-712

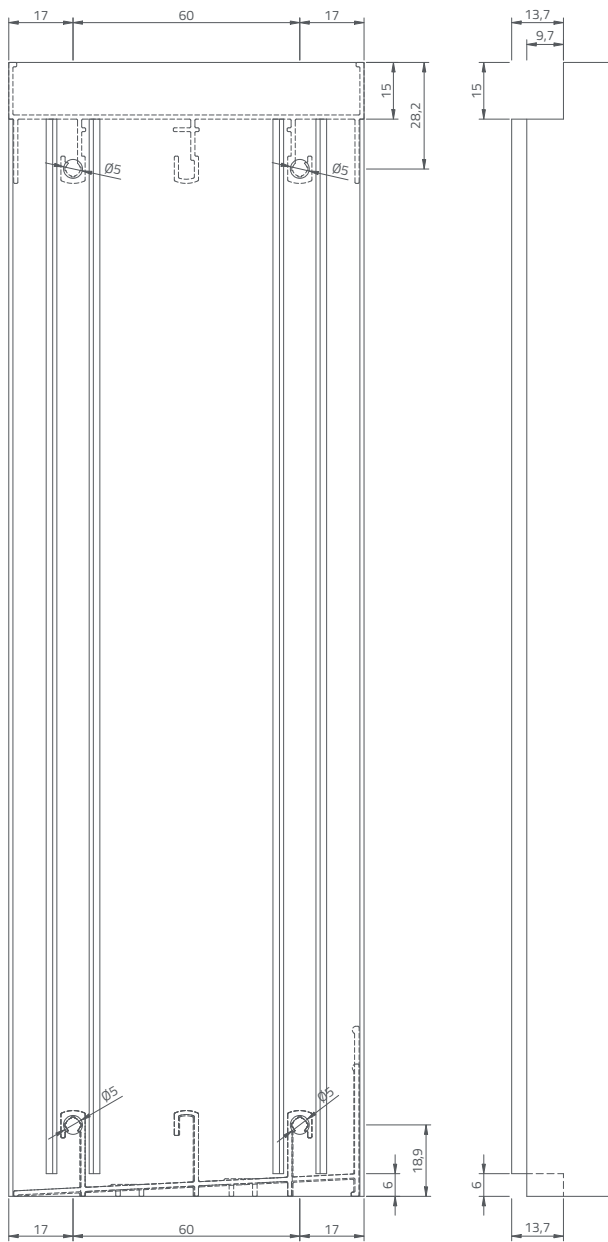


ECO-713

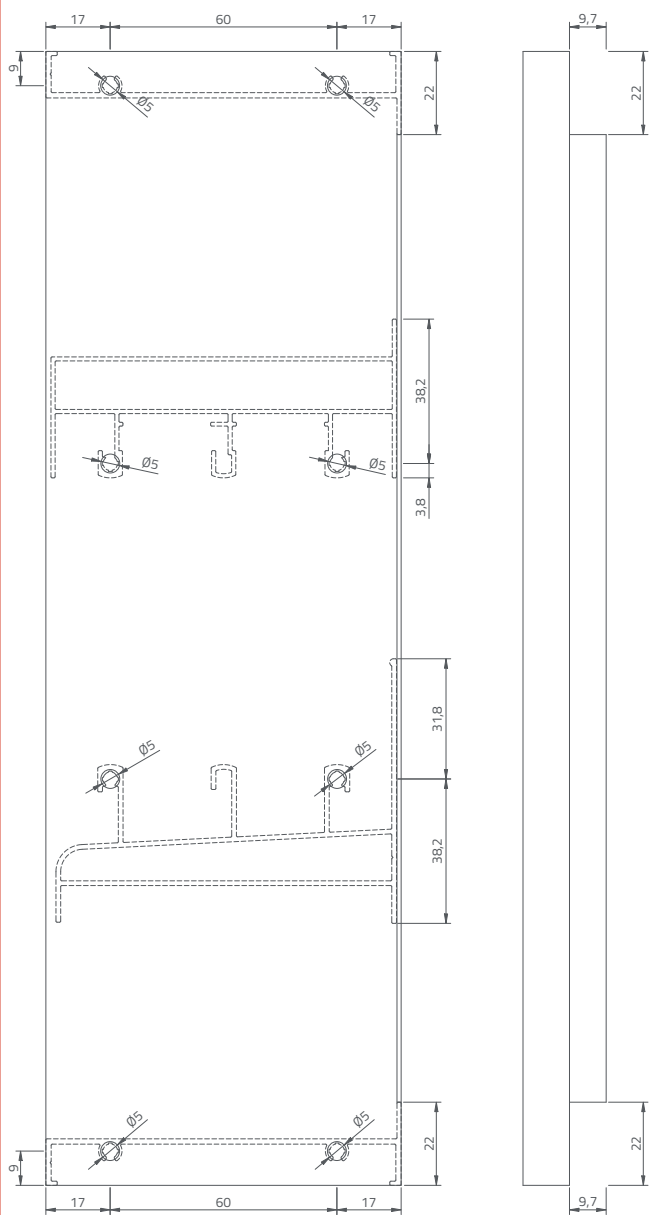
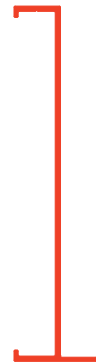


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-713

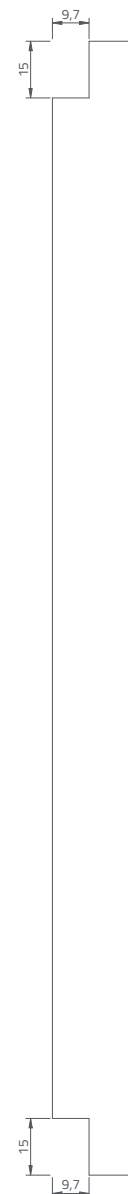
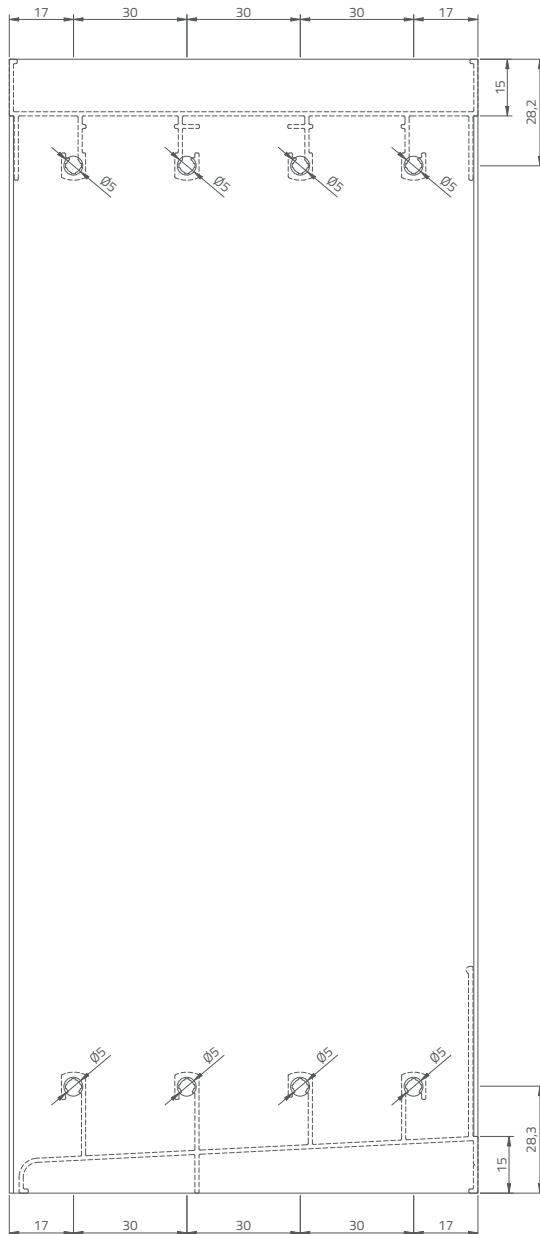


ECO-725



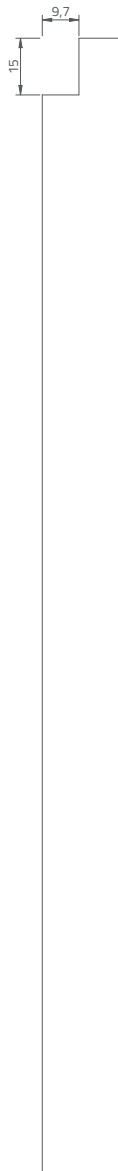
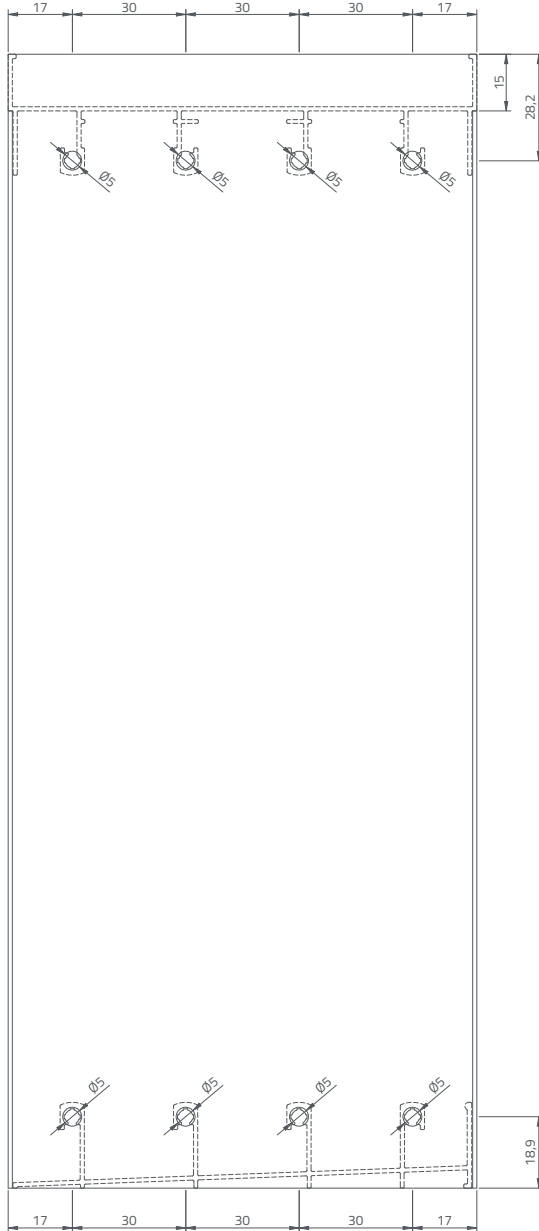
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-748



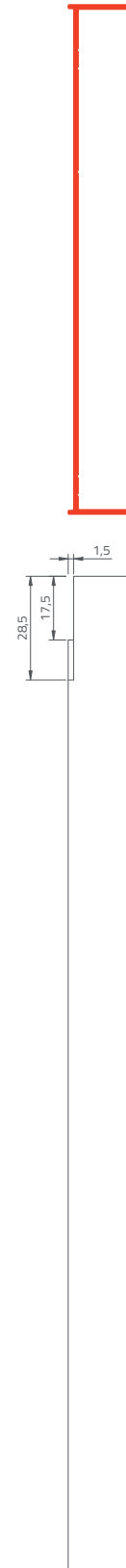
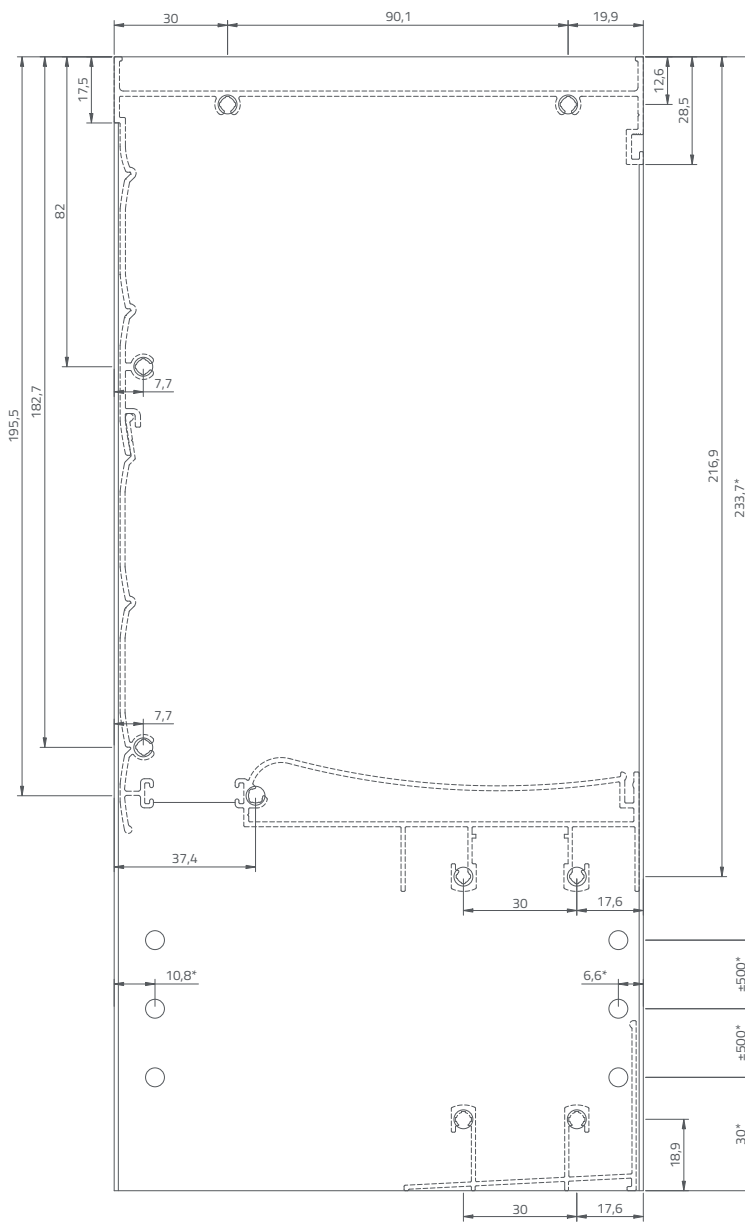
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-748



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

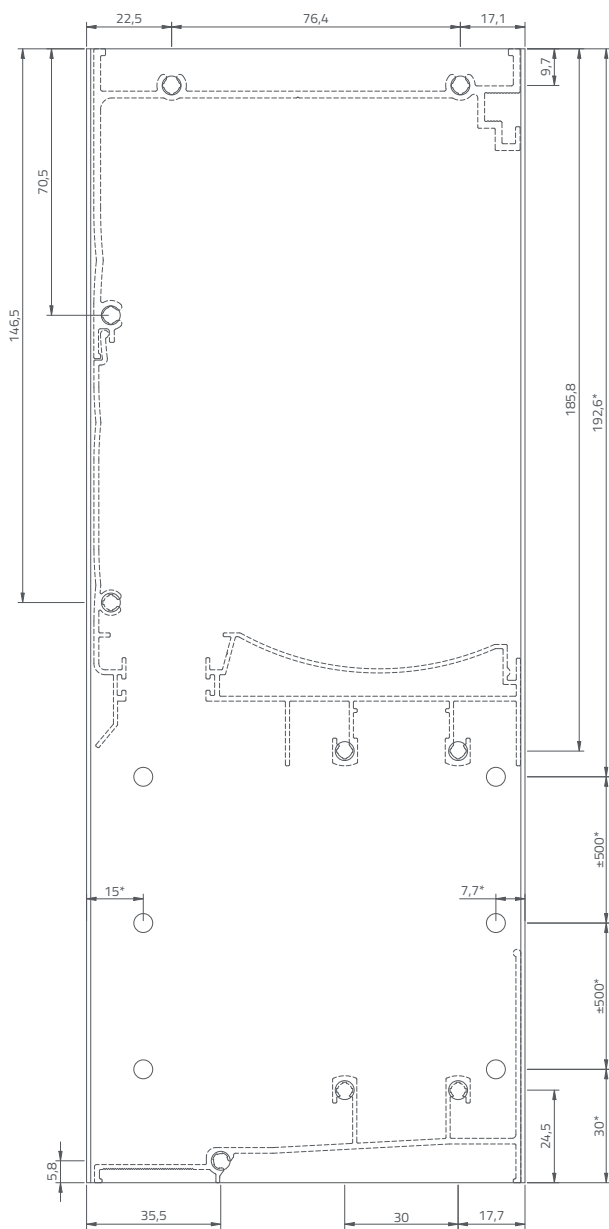
ECO-788



*Medidas aplicáveis para utilização perfil de recolhedor com fita - Pelo menos 3 fixações

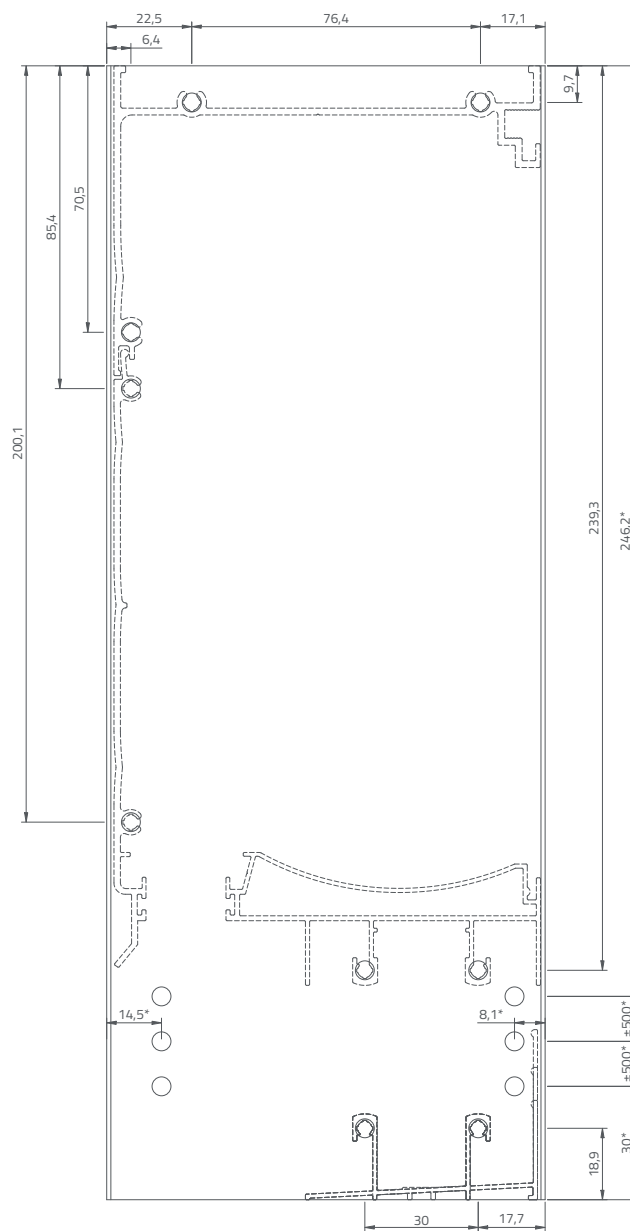
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

VT-851



*Medidas aplicáveis para utilização perfil de recolhedor com fita - Pelo menos 3 fixações

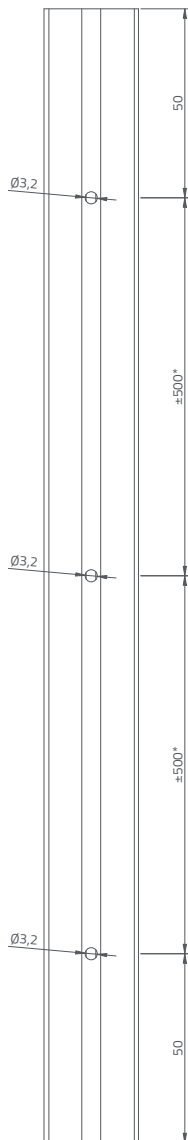
VT-851



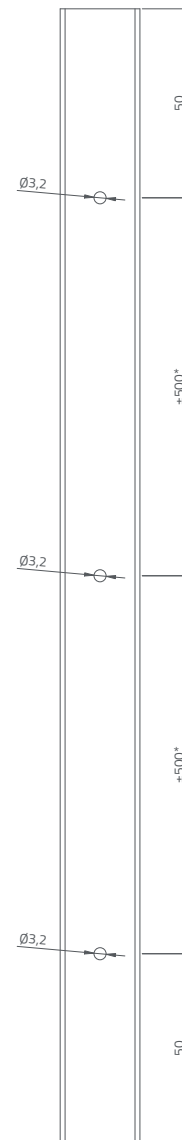
*Medidas aplicáveis para utilização perfil de recolhedor com fita - Pelo menos 3 fixações

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-775

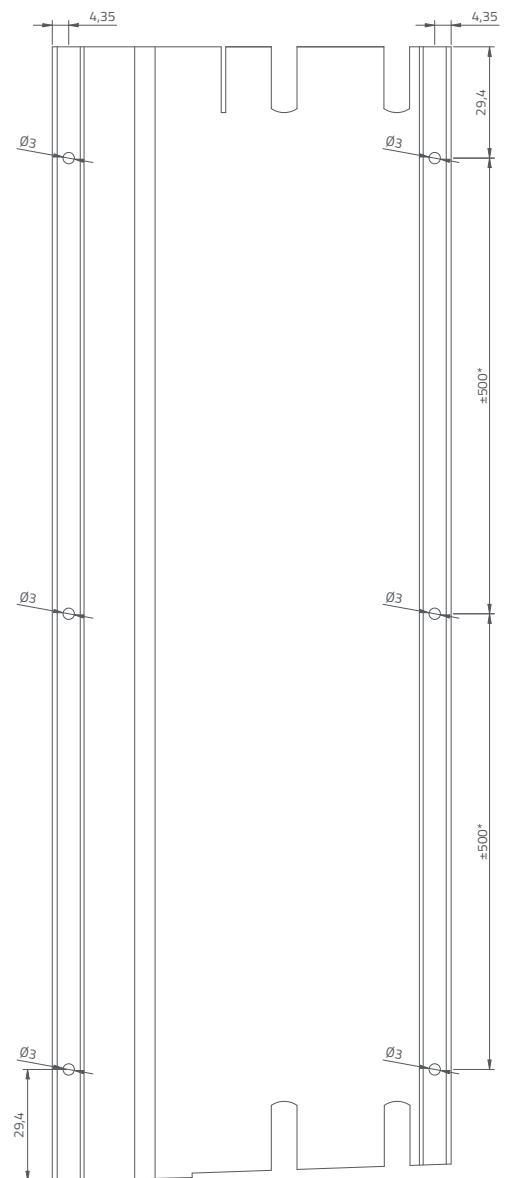
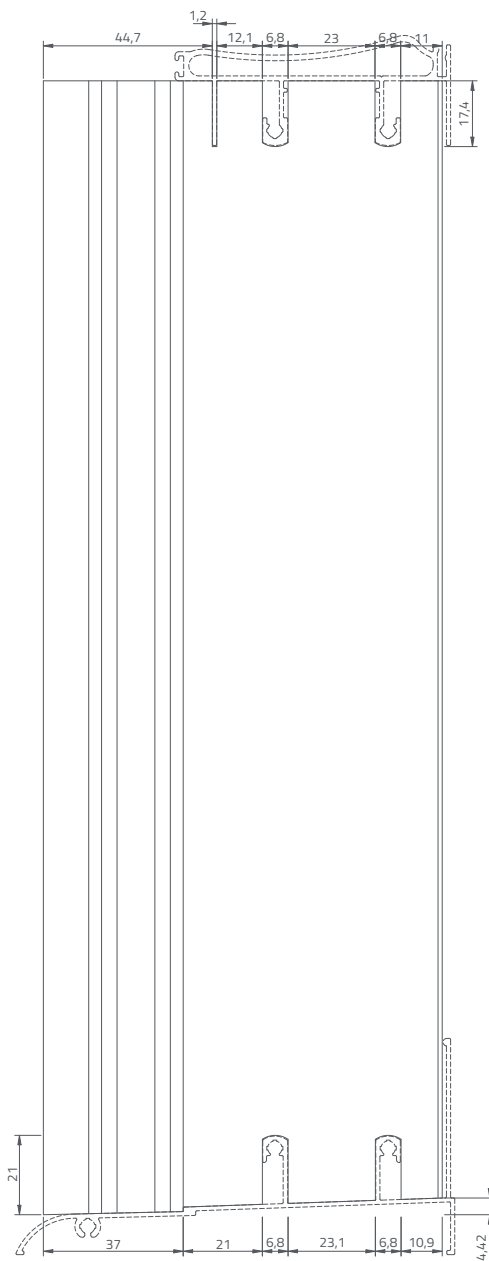
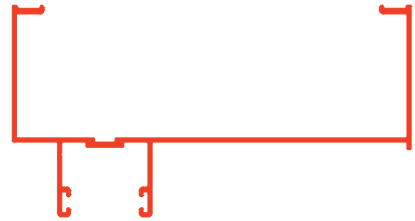
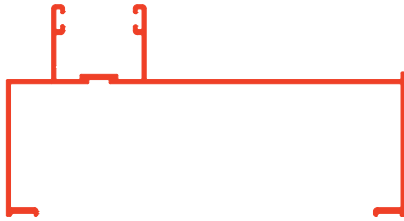


VT-842



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

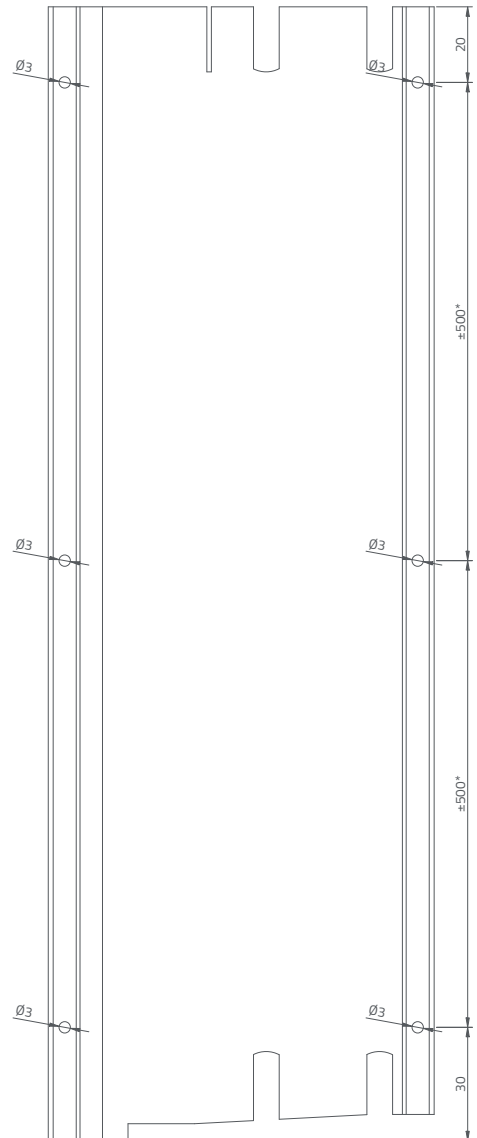
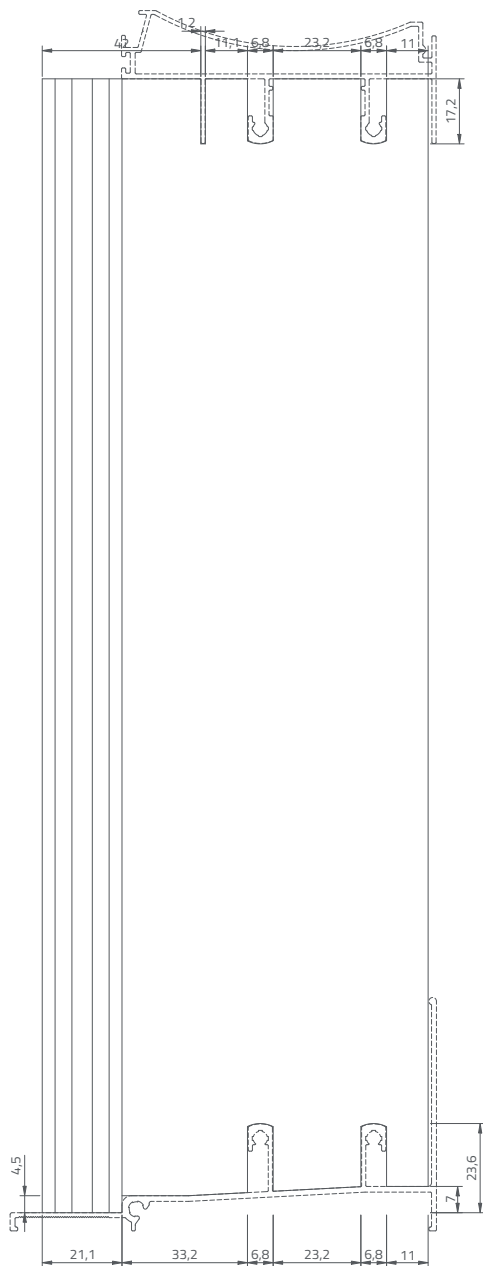
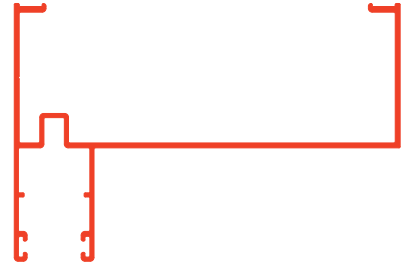
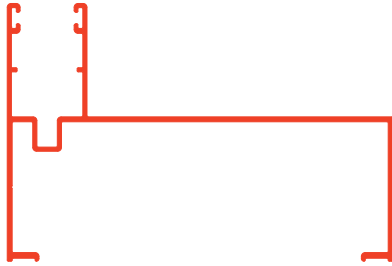
ECO-775



*Pelo menos 3 fixações

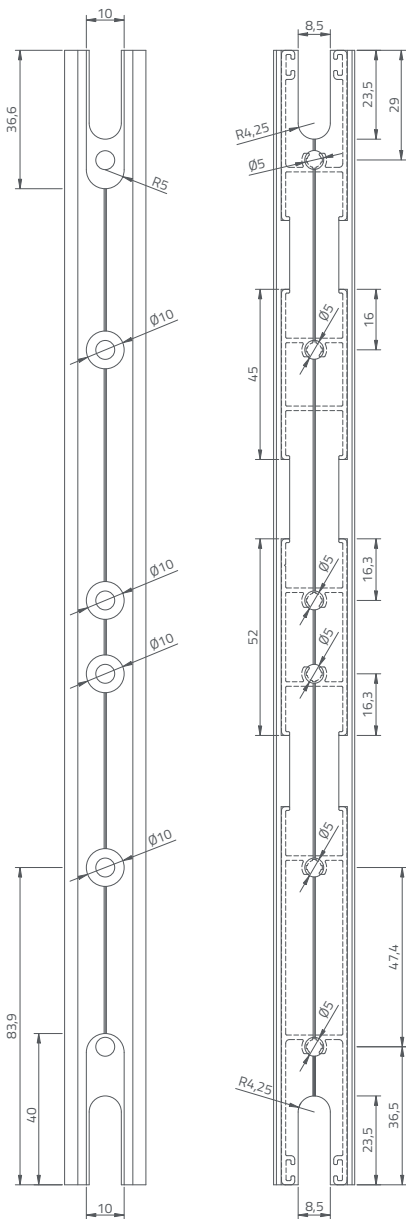
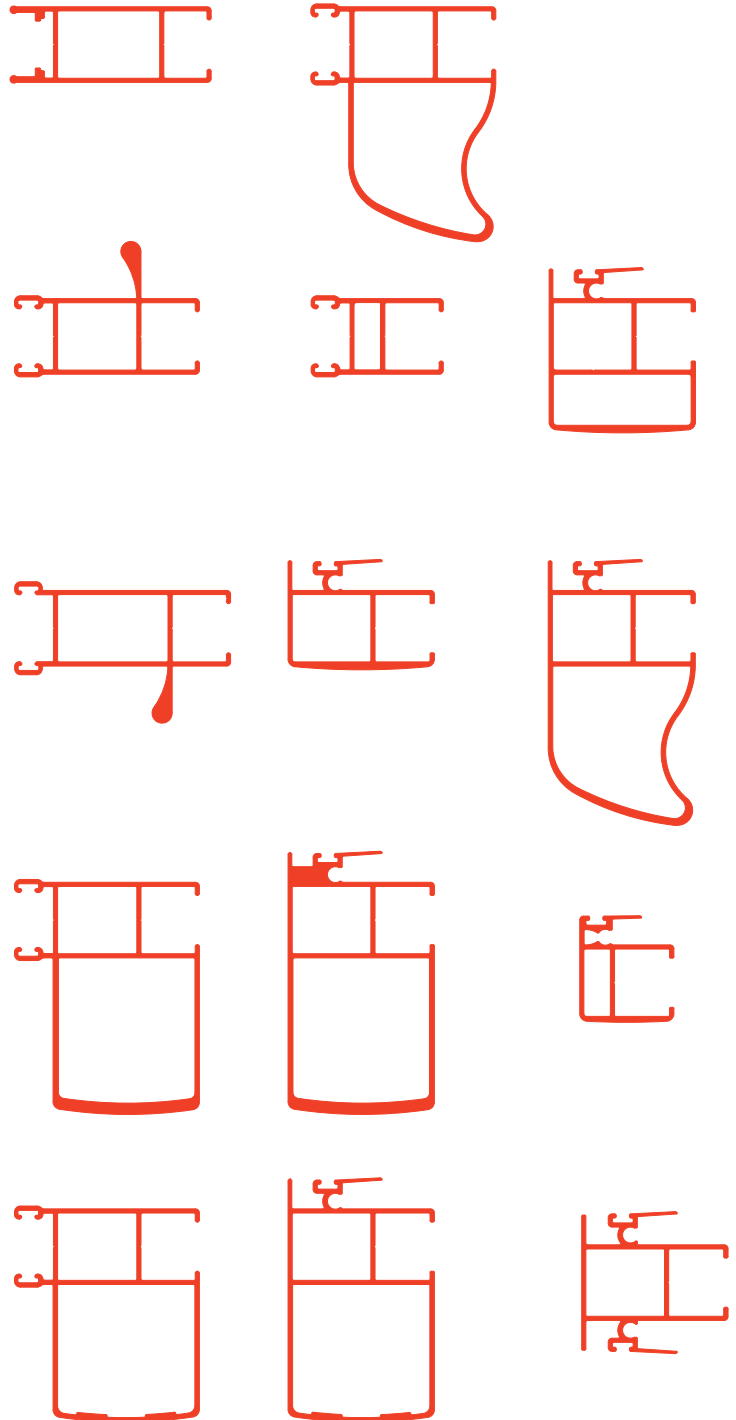
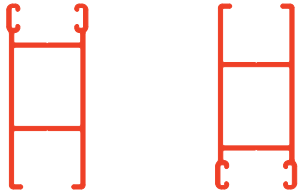
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

VT-852



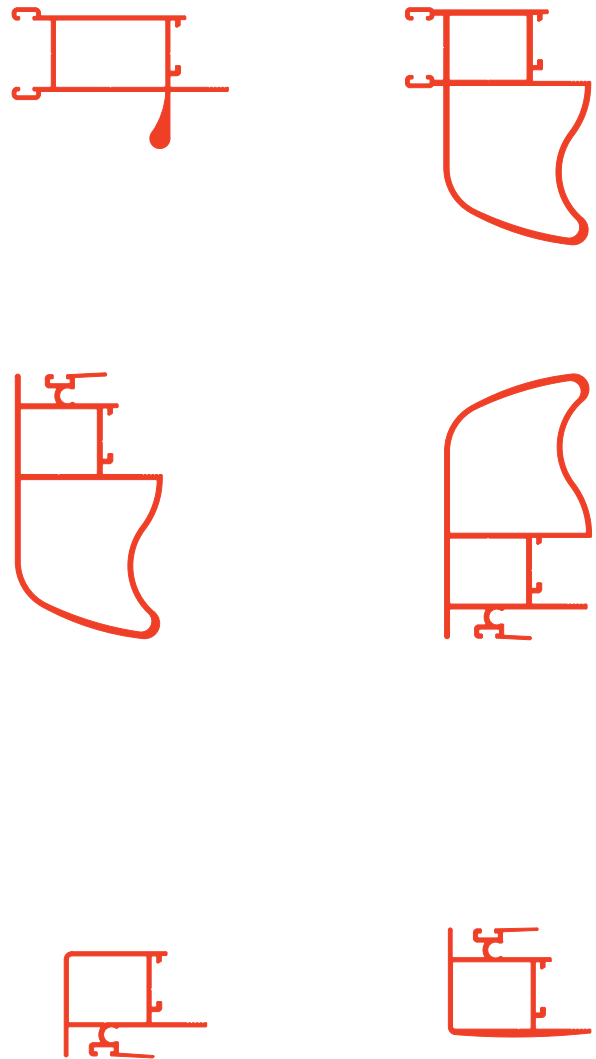
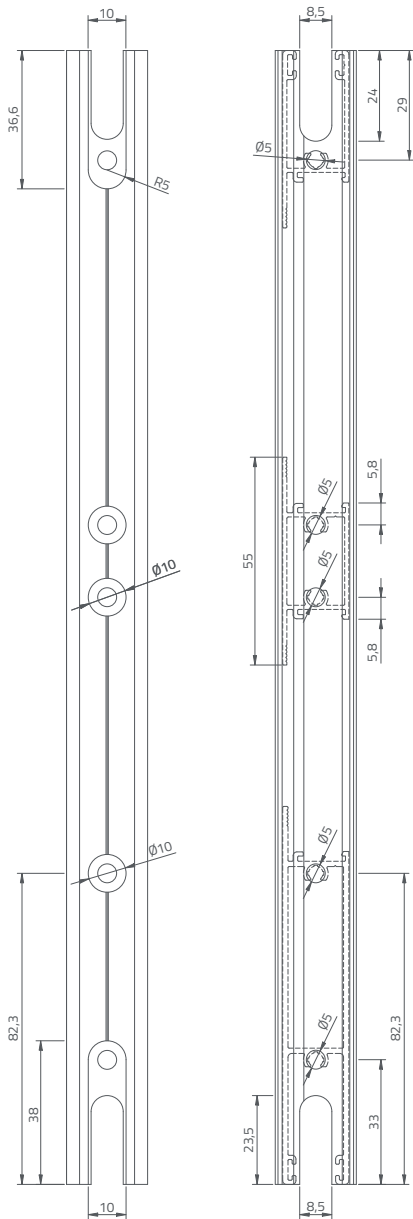
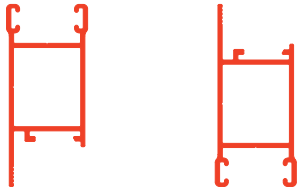
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

FOLHAS SEM
BAGUETE



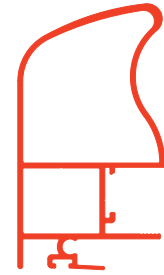
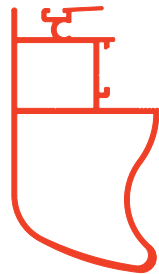
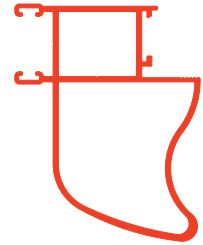
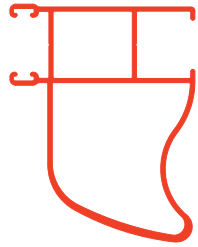
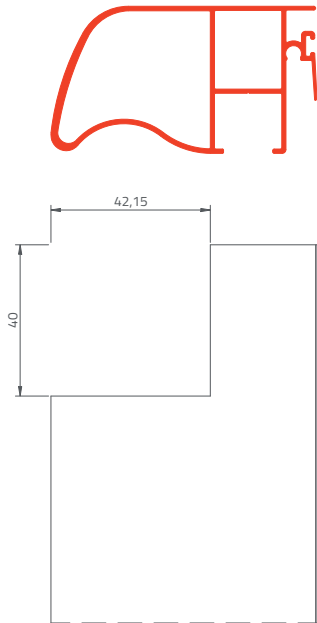
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

**FOLHAS COM
BAGUETE**

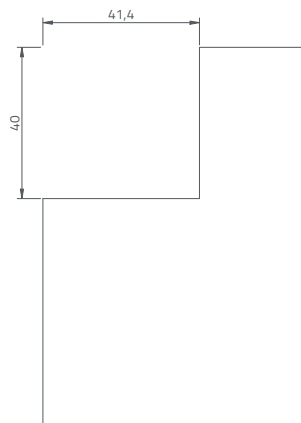
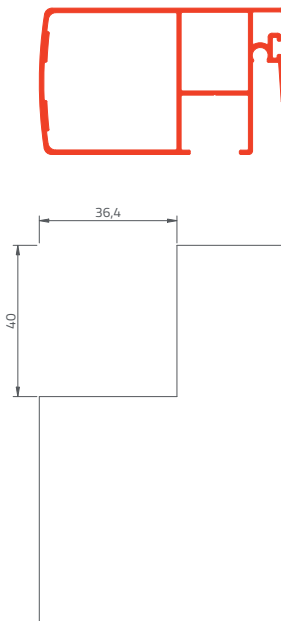


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

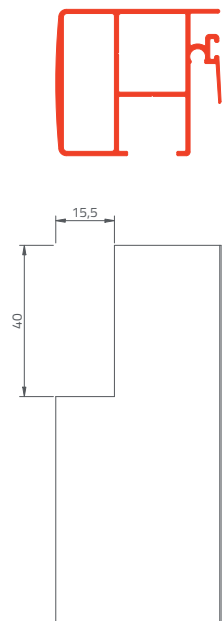
**TAMPA
REFORÇO ANATÔMICO**



**TAMPA REFORÇO
ECO-761/ECO-760**

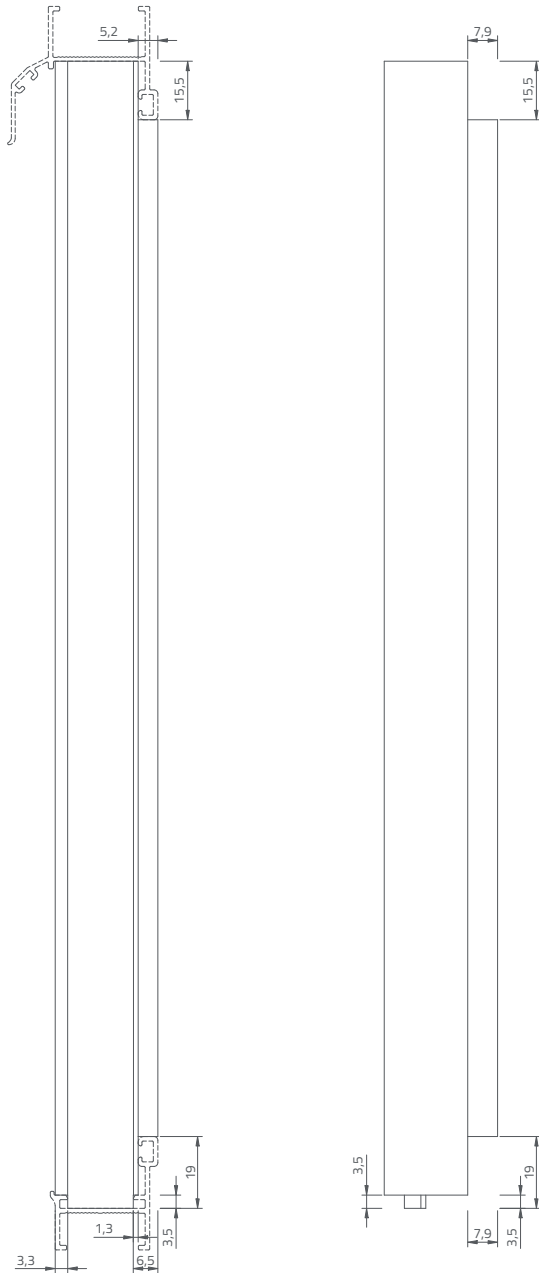


**TAMPA REFORÇO
ECO-780**

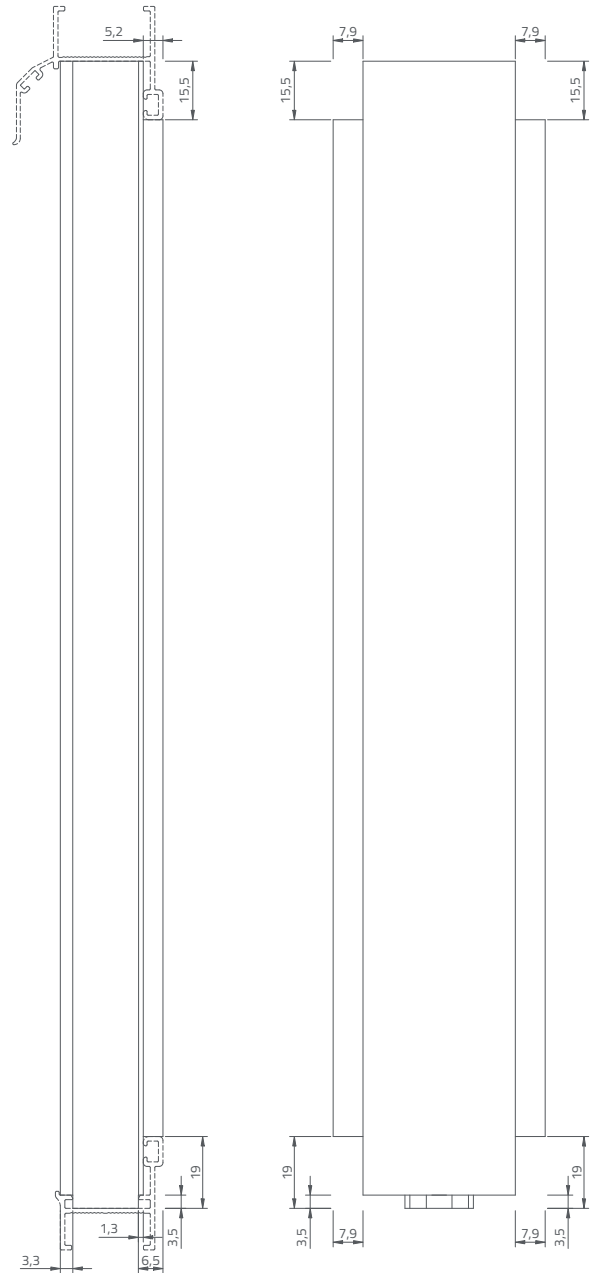
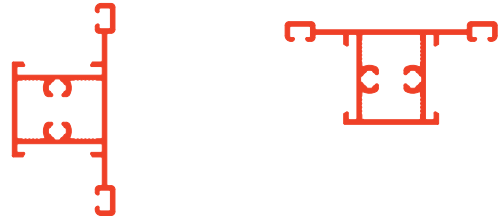


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-765

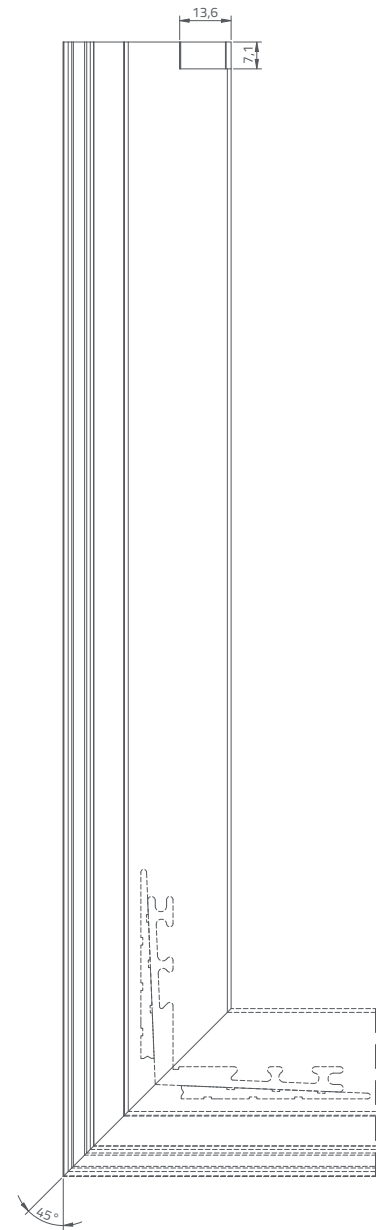
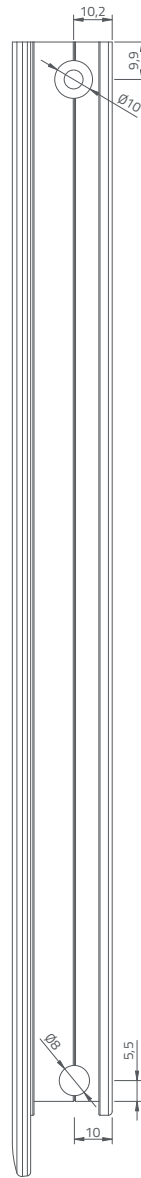
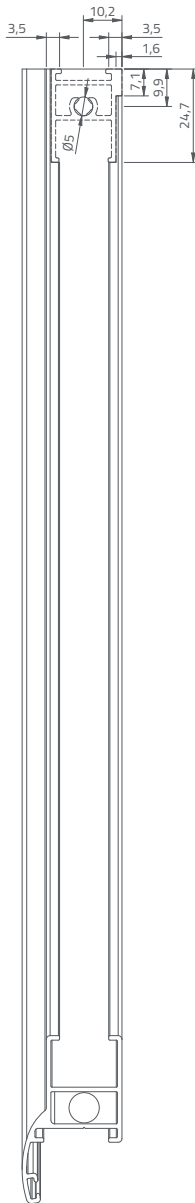
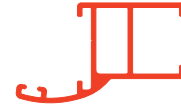


ECO-745



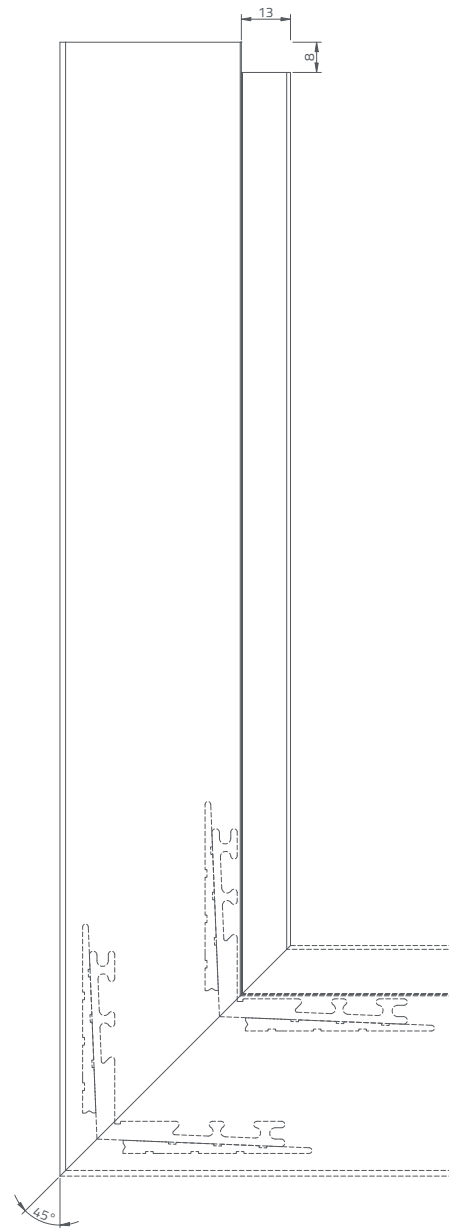
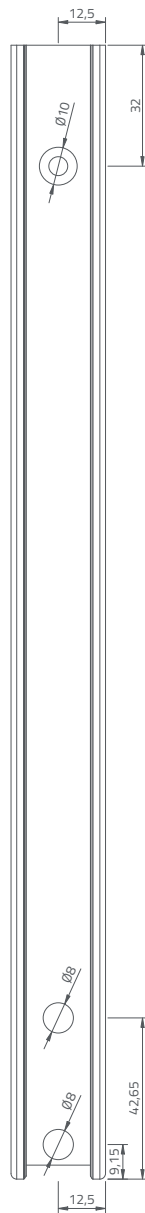
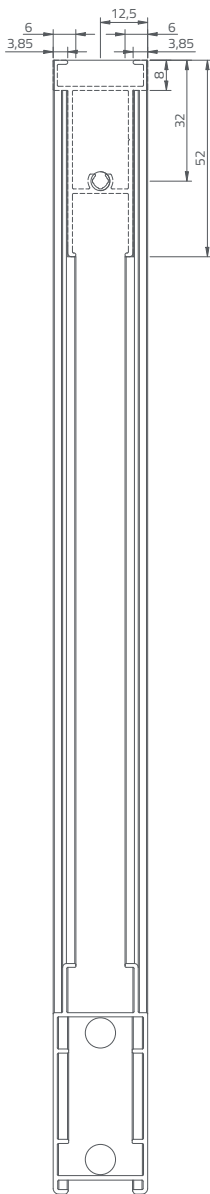
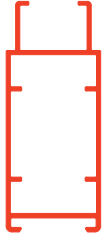
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-745

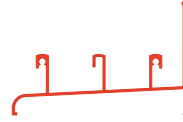
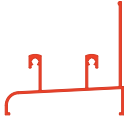
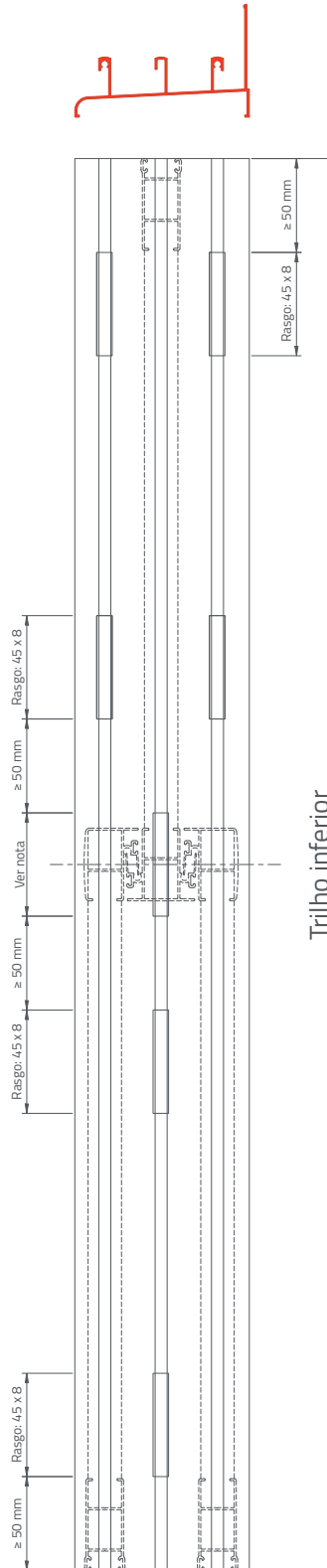
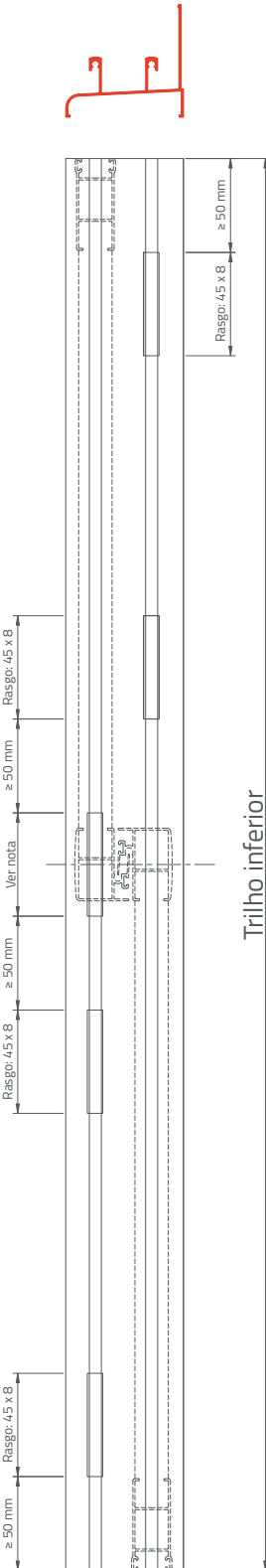


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ECO-730



Drenos Trilhos -
2 e 3 planos



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

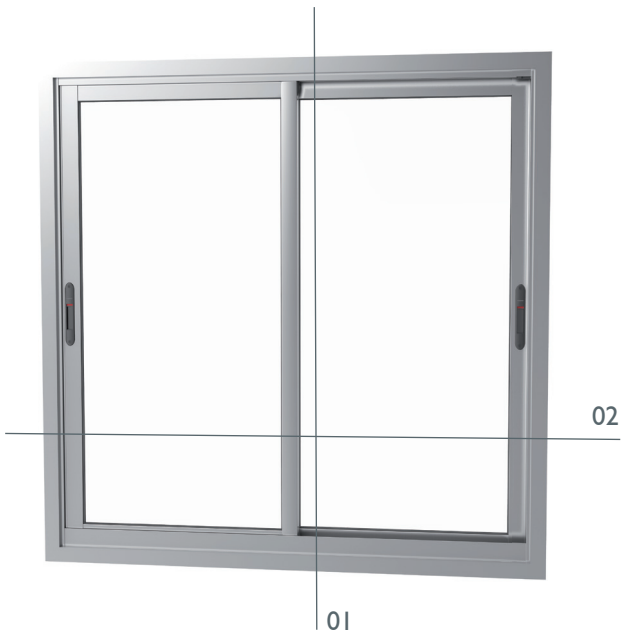
*Nota: (Eixo da peça / 2) e 22,5 para cada lado
Medida do Rasgo: 45x8



UNILION

DETALHES 3D

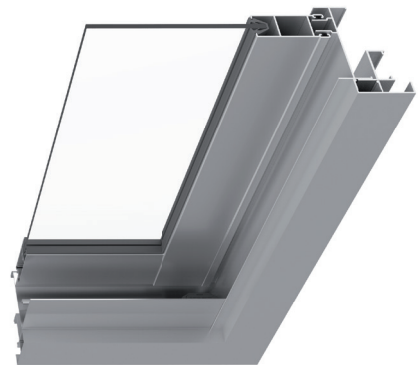
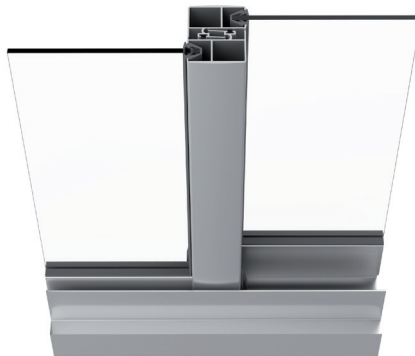
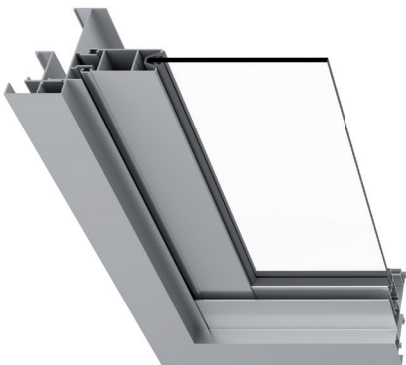
ELEVAÇÃO



CORTE 01

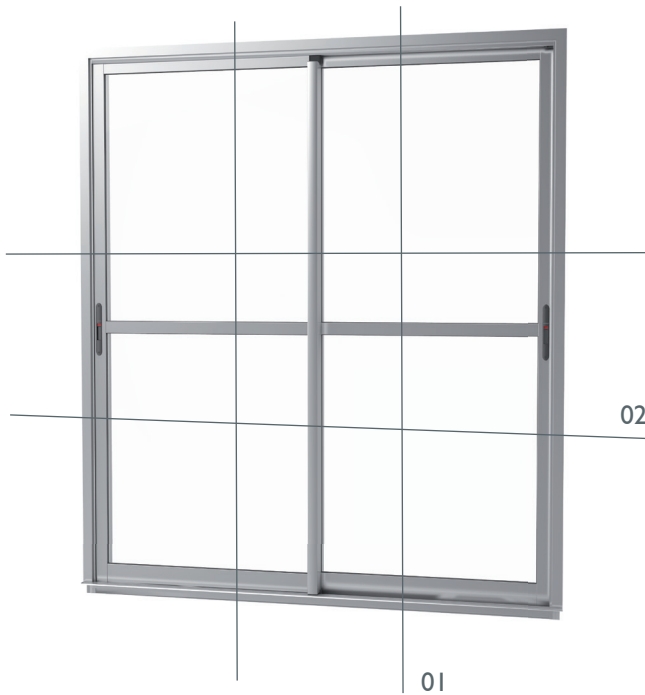


CORTE 02



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ELEVAÇÃO



CORTE 01



CORTE 02



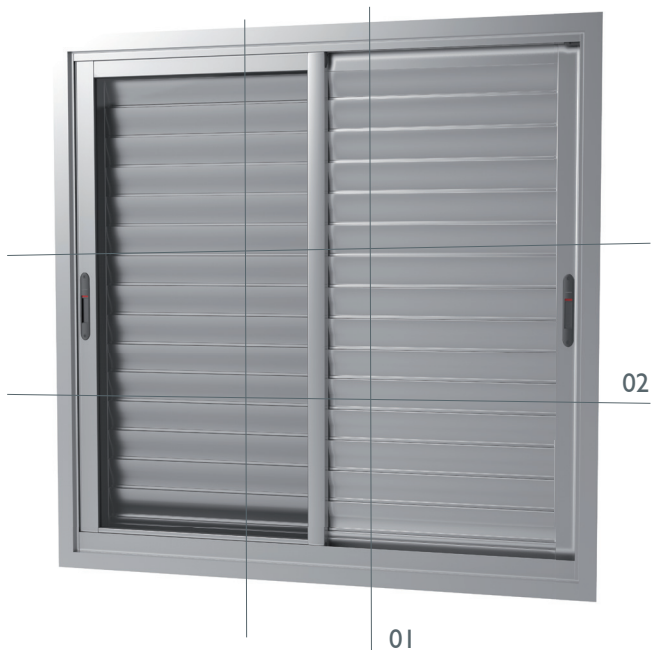
ECO796 + ECO796



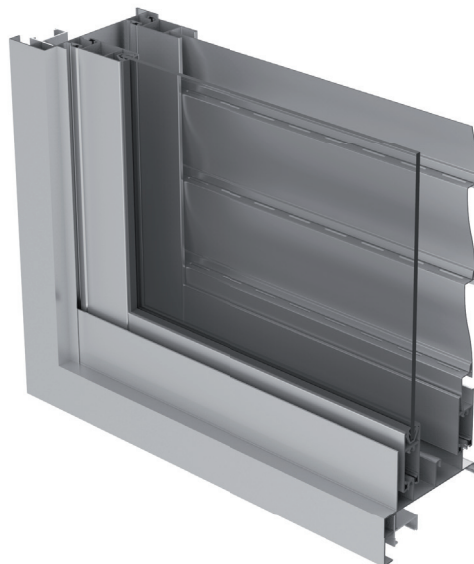
ECO720 + ECO720

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

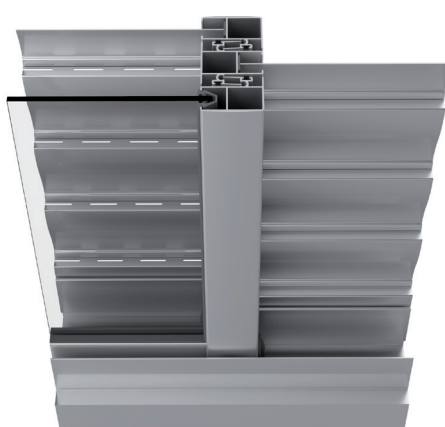
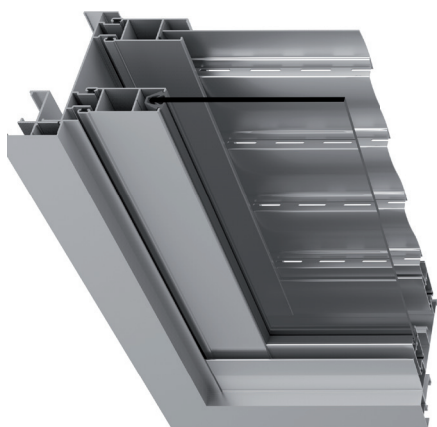
ELEVAÇÃO



CORTE 01

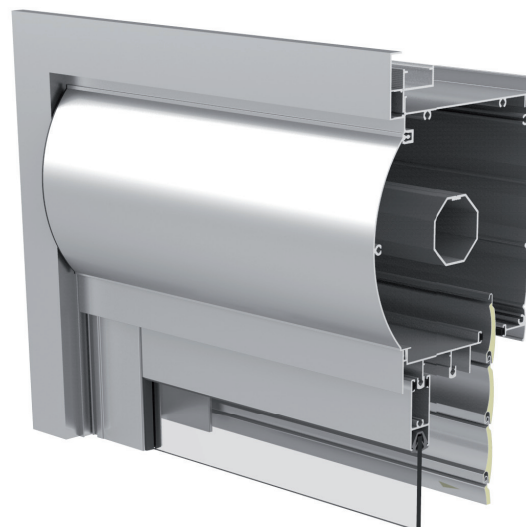
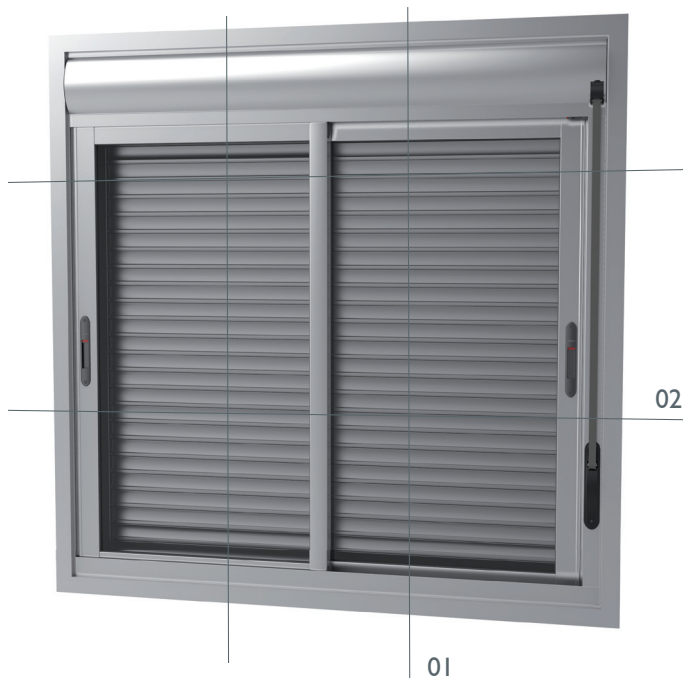


CORTE 02



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ELEVAÇÃO



CORTE 01

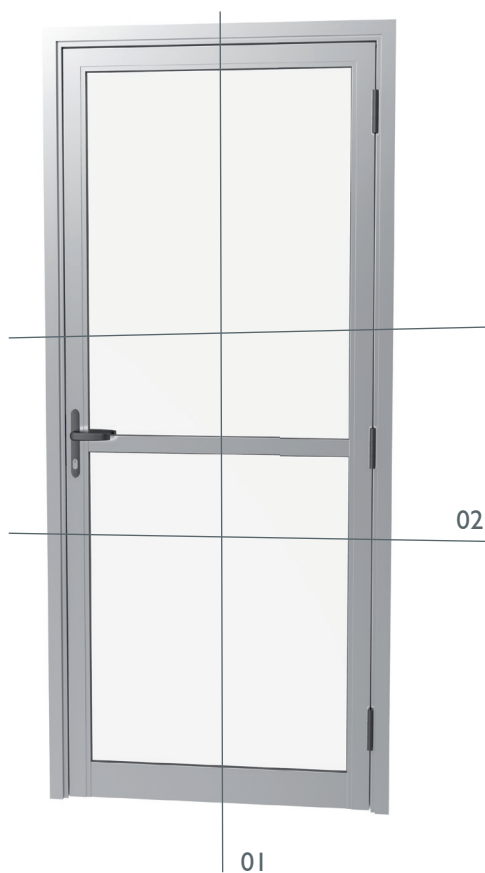


CORTE 02



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

ELEVAÇÃO



CORTE 01



CORTE 02



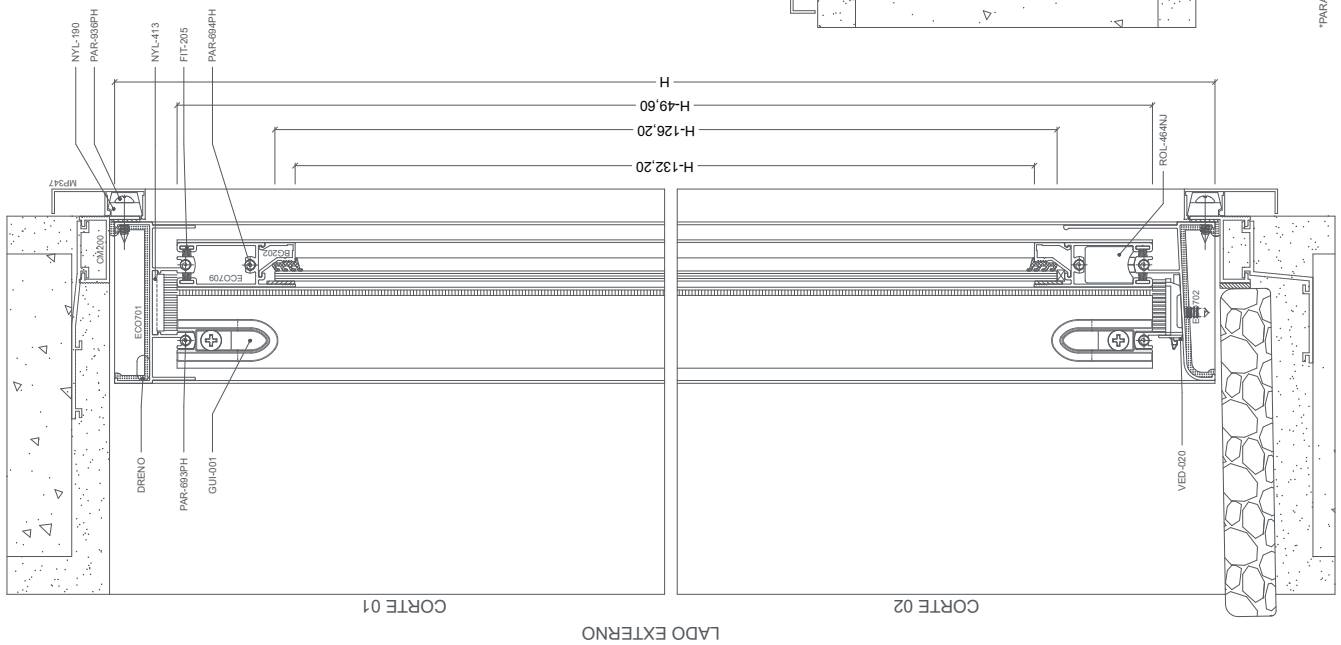
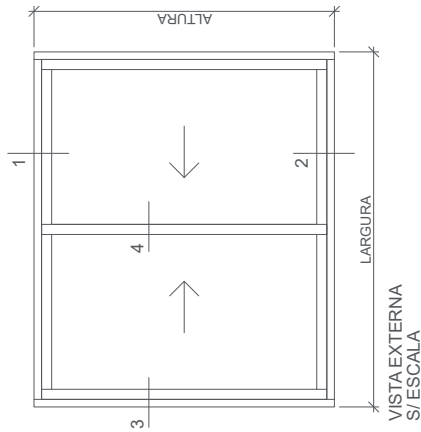
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

An architectural rendering of a modern high-rise building with a red color overlay. The building features a prominent vertical element and large glass windows. The scene includes palm trees and a street with a few people and cars at the base of the building.

UNION

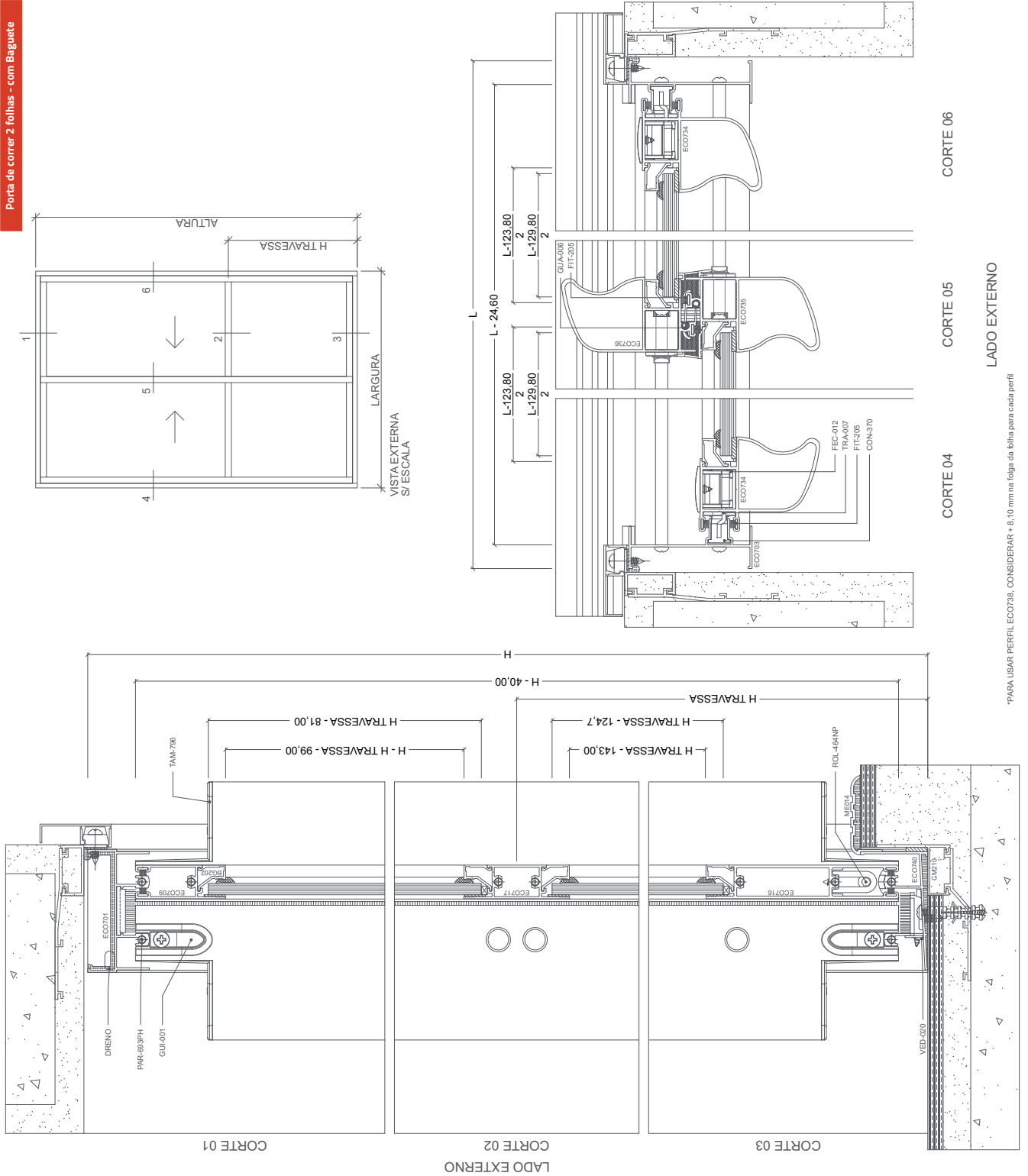
PROJETOS
ORIENTATIVOS

Janela de correr 2 folhas - com Bagueete



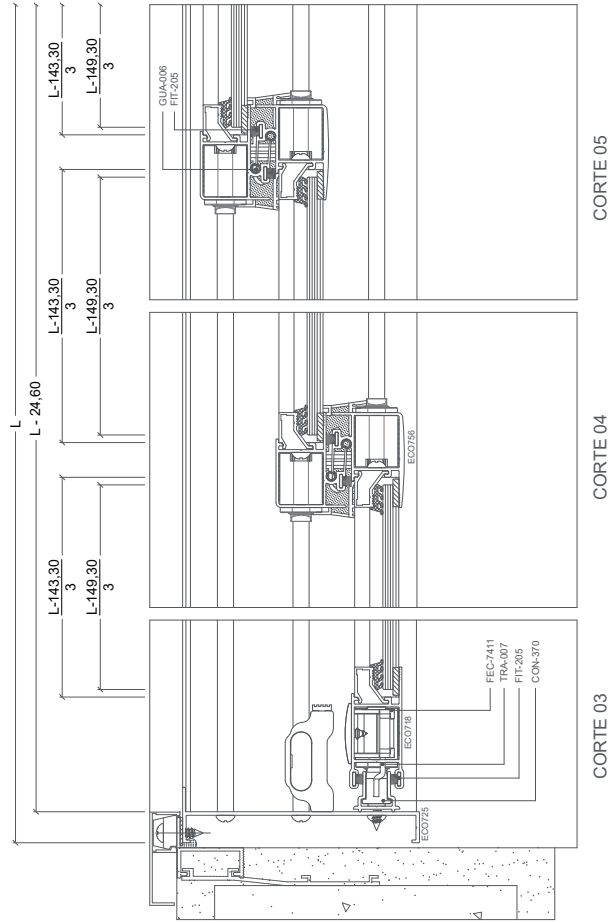
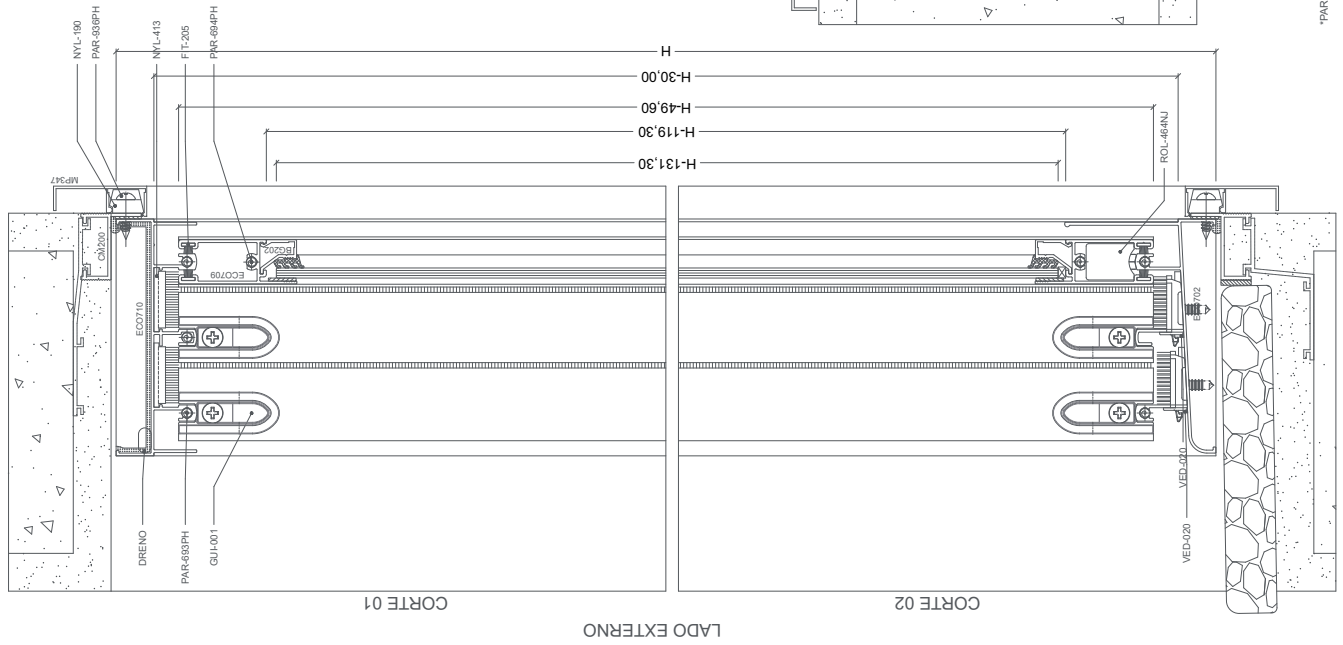
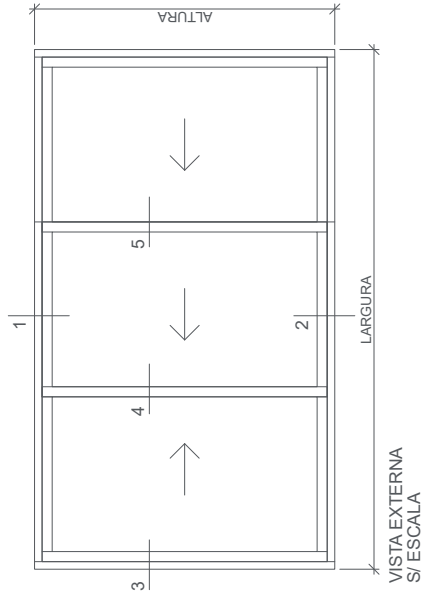
*PARA USAR PERFIL ECO738, CONSIDERAR + 8,10 mm na folha da folha para cada perfil.

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr - 3 folhas - com Baguete

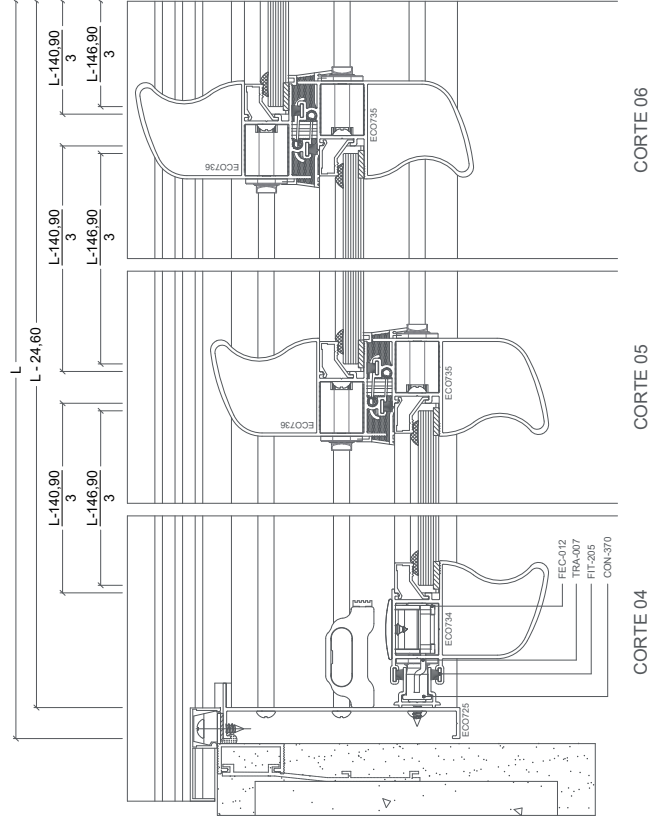
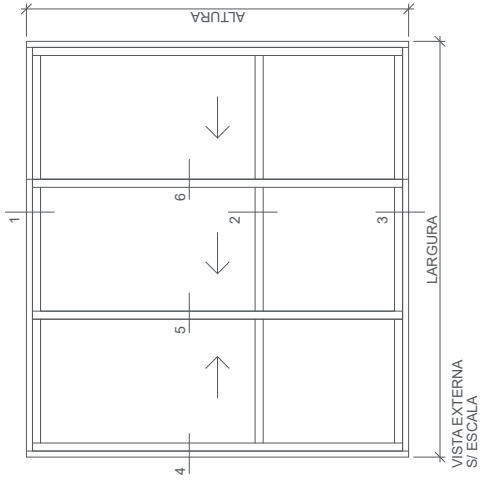


LADO EXTERNO

*PARA USAR PERFIL ECO738, CONSIDERAR + 6,10mm na folga da folha para cada perfil

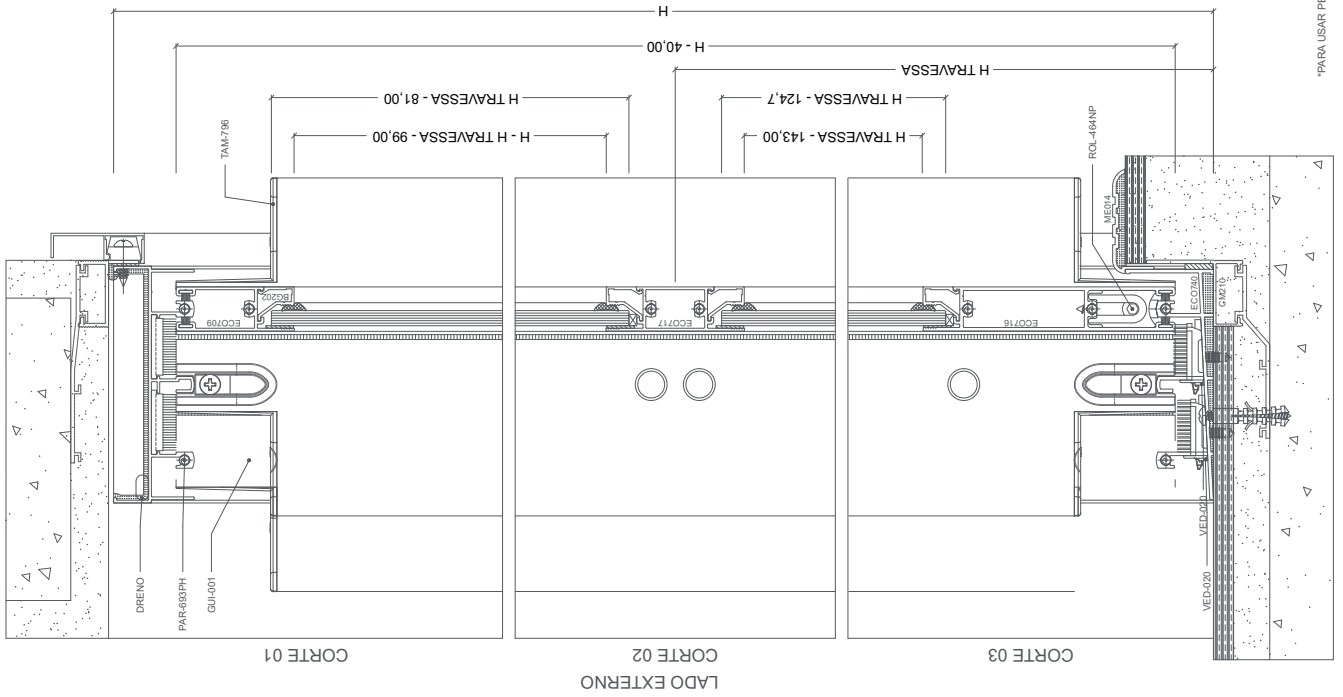
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de correr 3 folhas - com Baguete



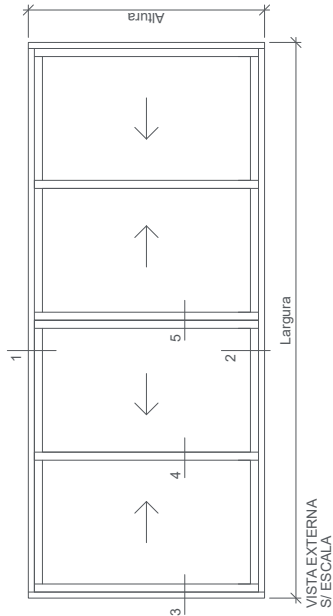
LADO EXTERNO

*PARA USAR PERFIL ECO738, CONSIDERAR + 8,10 mm na folga da folha para cada perfil

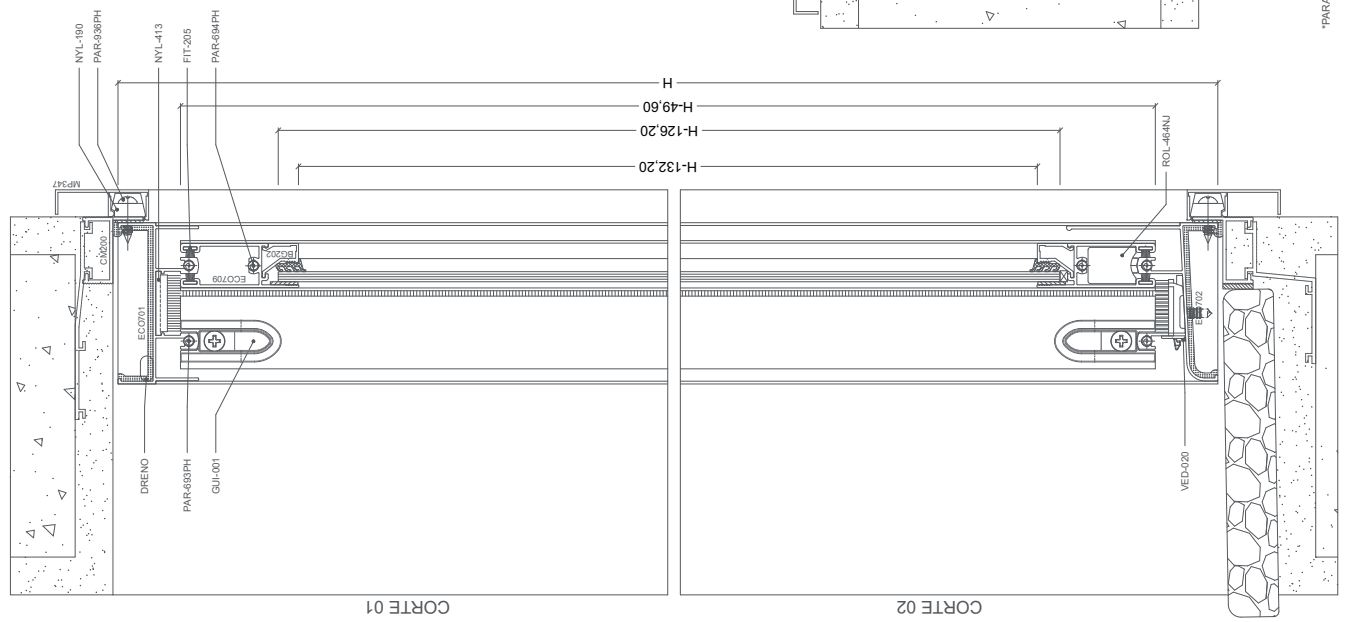


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas - sem Bagueete
Fechamento central



VISTA EXTERNA
SI/ESCALA



CORTE 01

LADO EXTERNO

CORTE 02

CORTE 05

CORTE 04

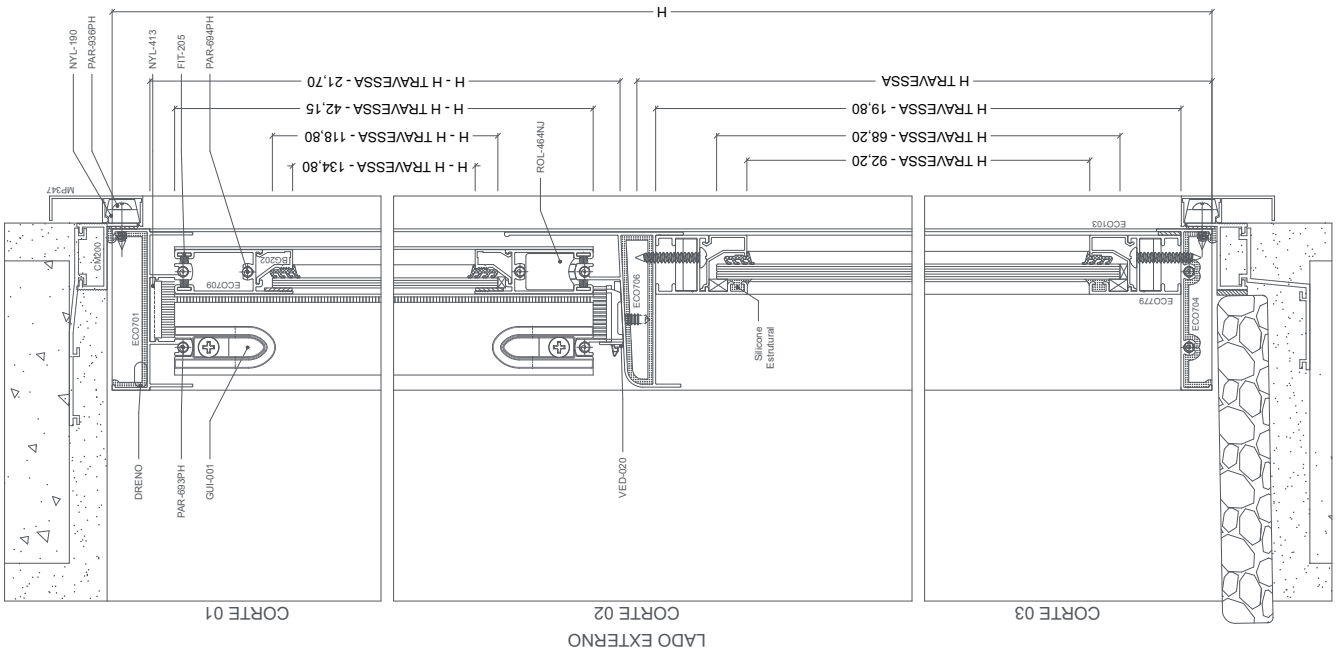
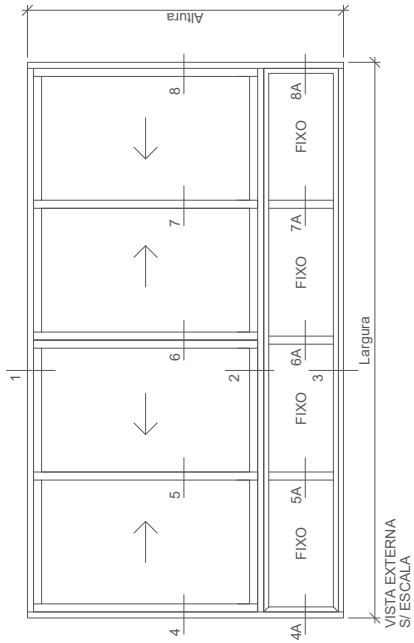
CORTE 03

LADO EXTERNO

*PARA USAR PERFIL ECO738, CONSIDERAR + 8,10 mm na folga da folha para cada perfil

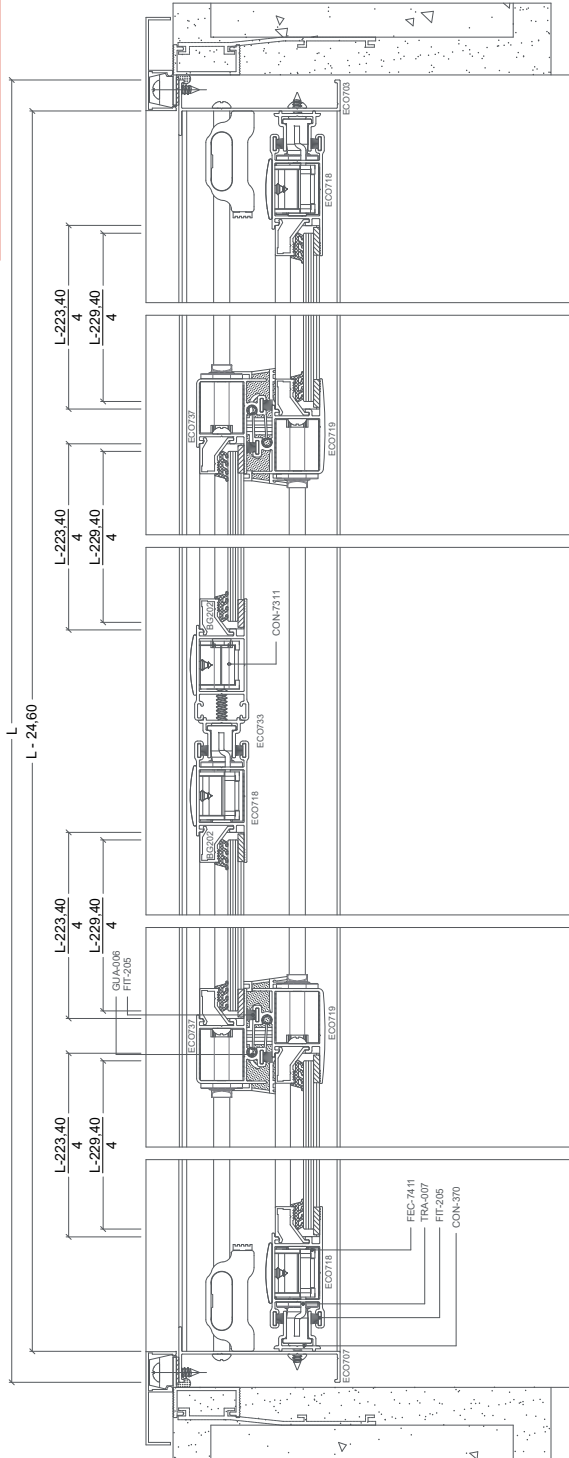
PERFIL, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com paitoni fixo - sem
Baguete e Fechamento central



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com peitoril fixo - sem
Baguelete e Fechamento central



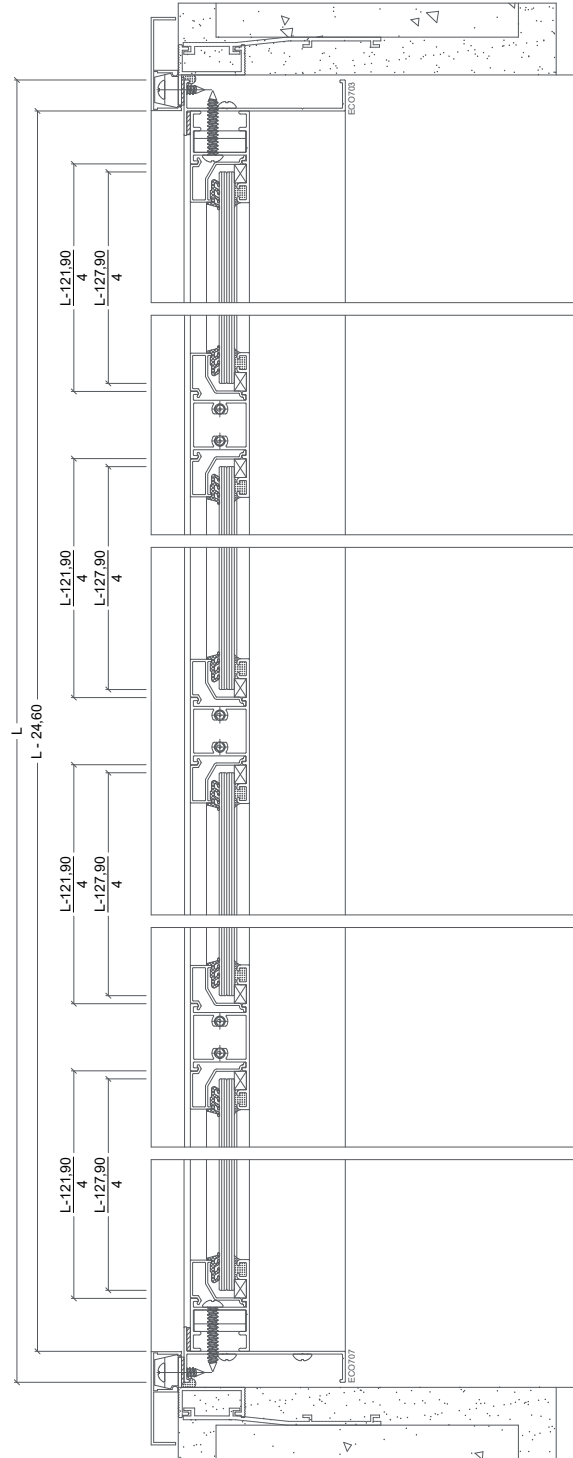
CORTE 08

CORTE 07

CORTE 06

CORTE 05

CORTE 04



CORTE 8A

CORTE 7A

CORTE 6A

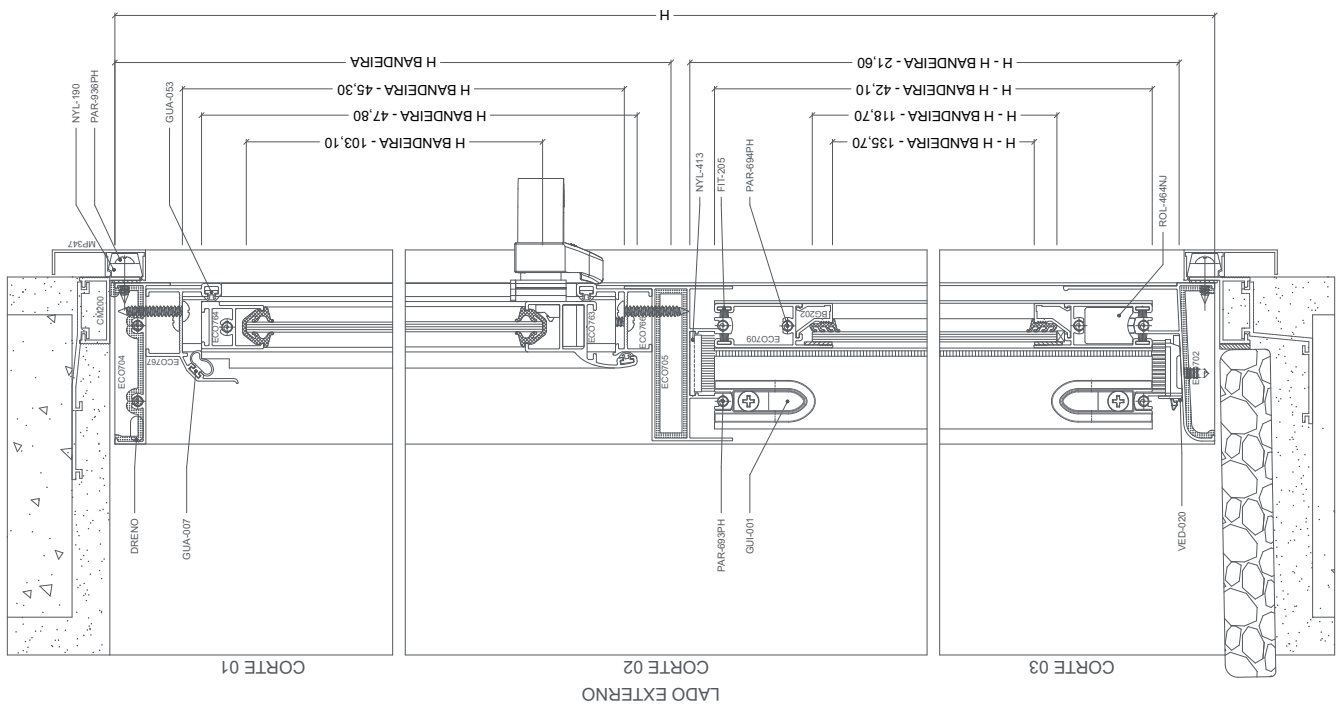
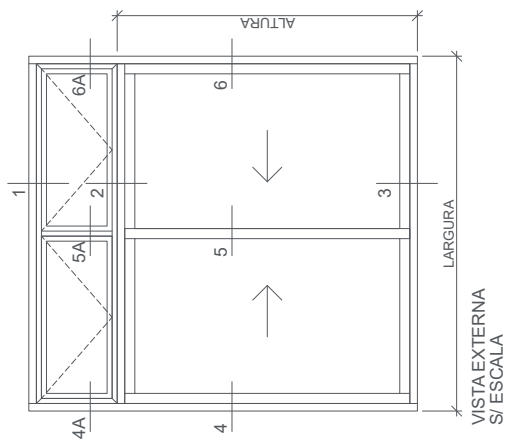
CORTE 5A

CORTE 4A

LADO EXTERNO

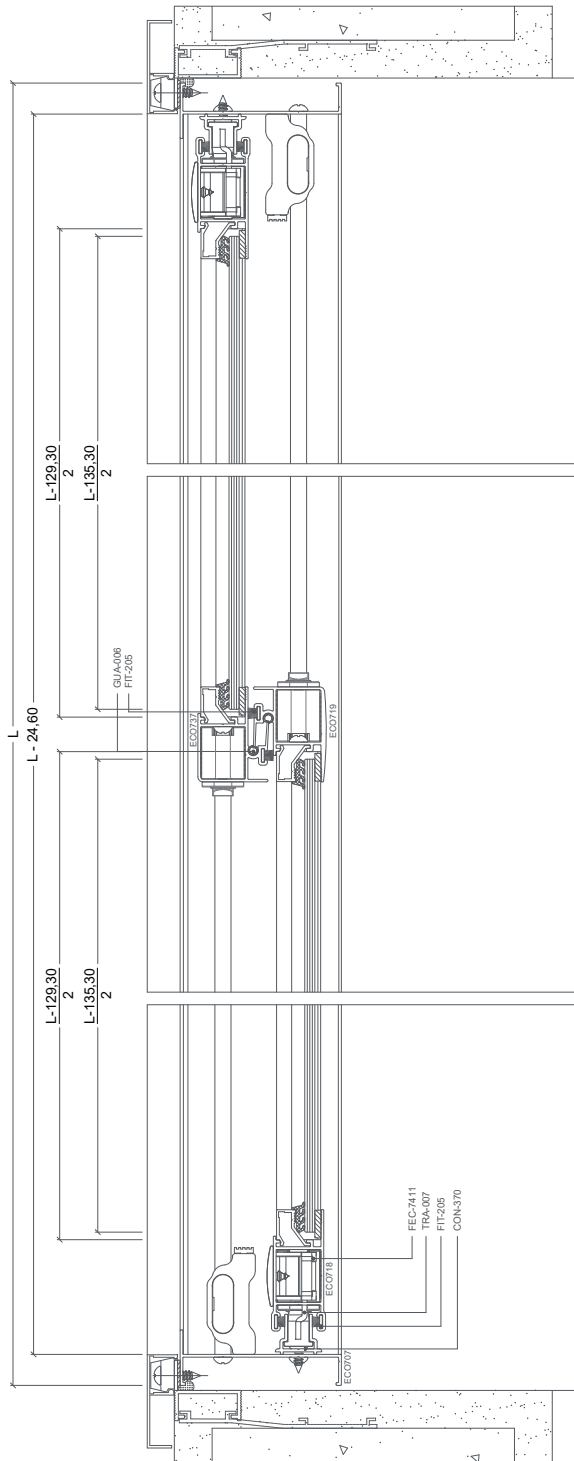
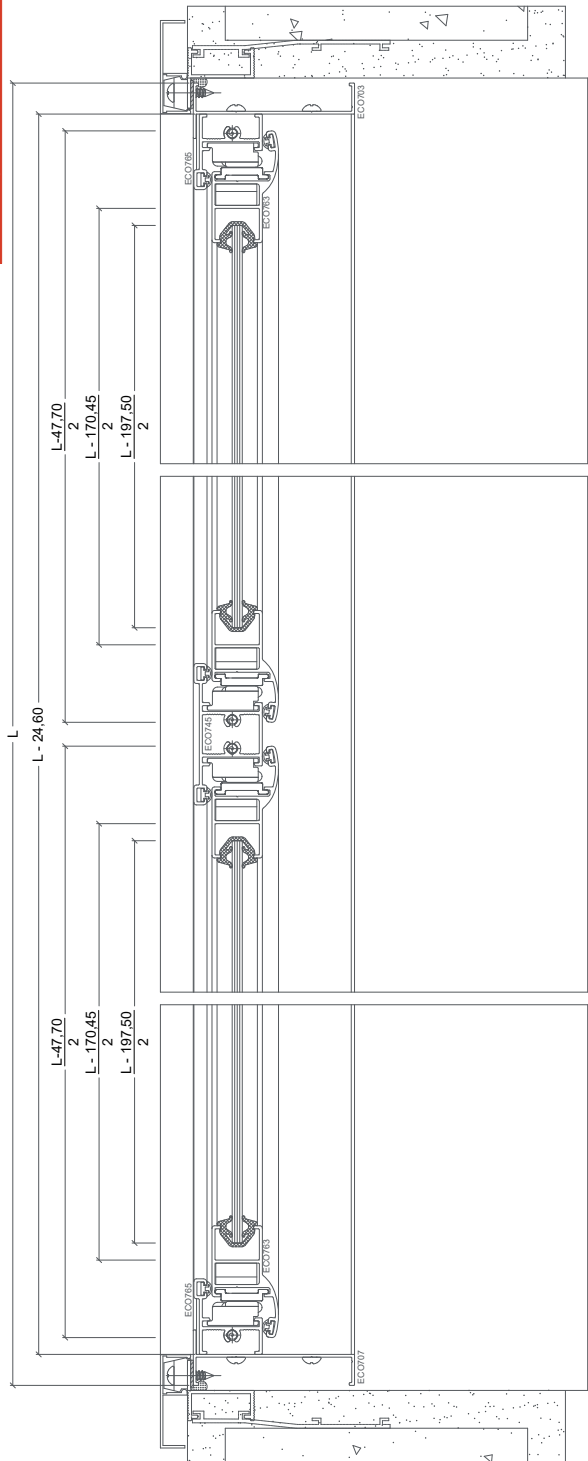
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com bandeira móvel - com Bagueete e Fechamento central



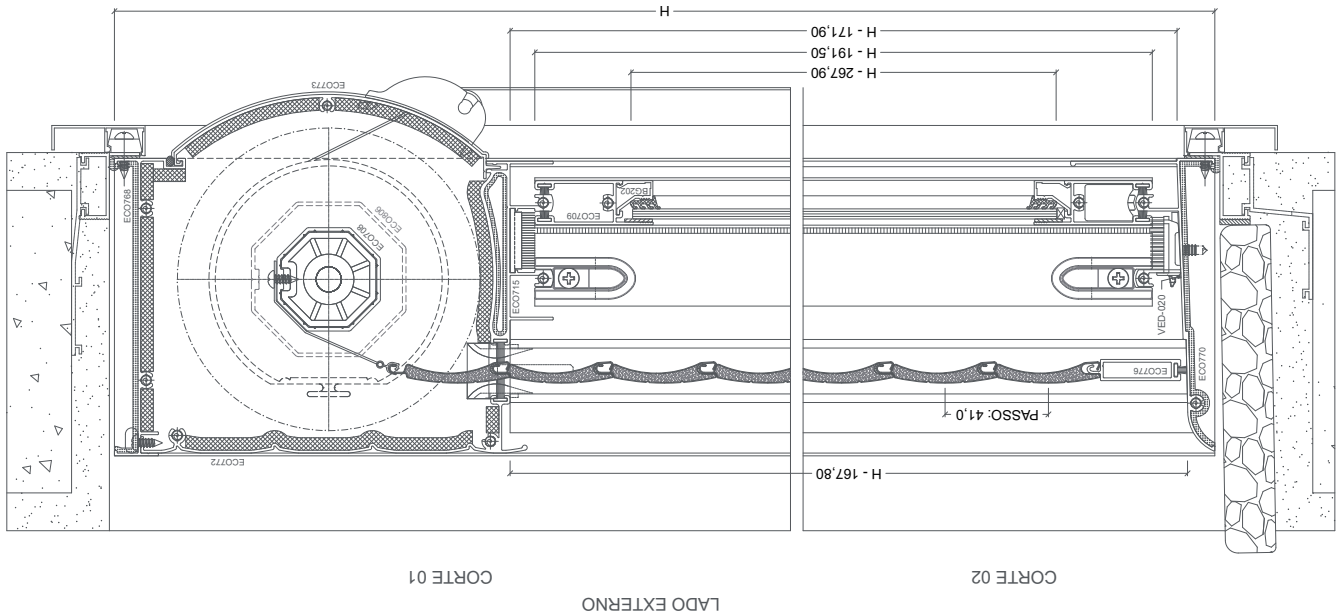
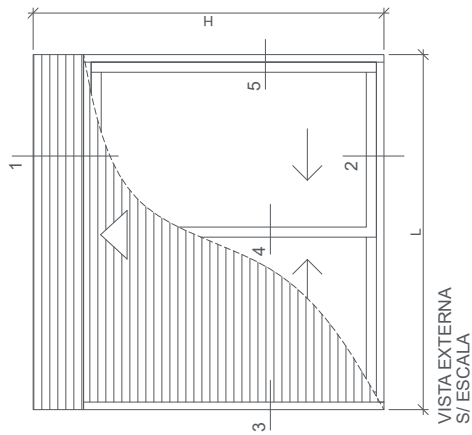
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com bandeira móvel - com Bagueê e Fechamento central



LADO EXTERNO

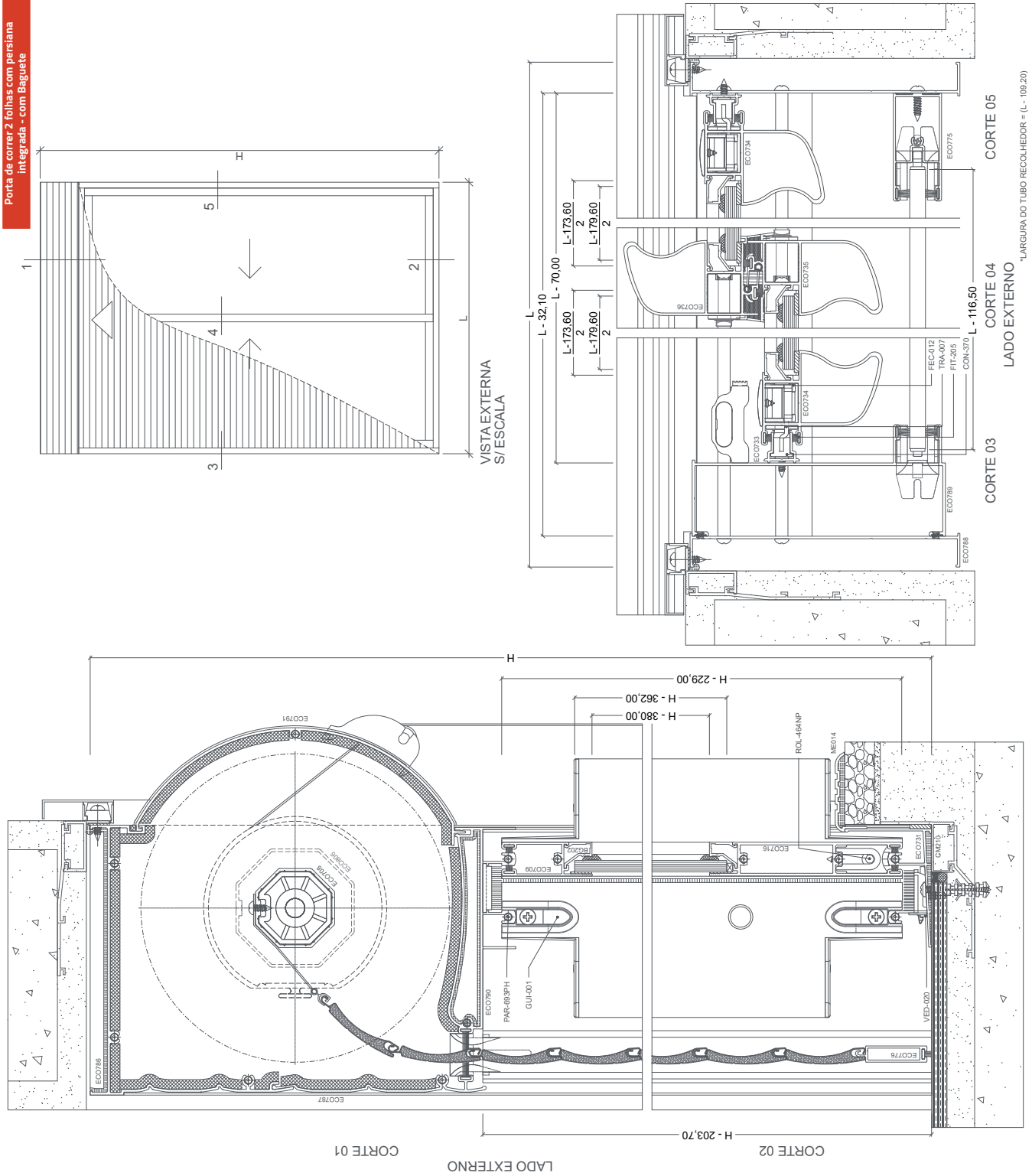
Janela de correr 2 folhas com persiana integrada - com Bagueete



*LARGURA DO TUBO RECOLHEADOR = (L - 109,20)

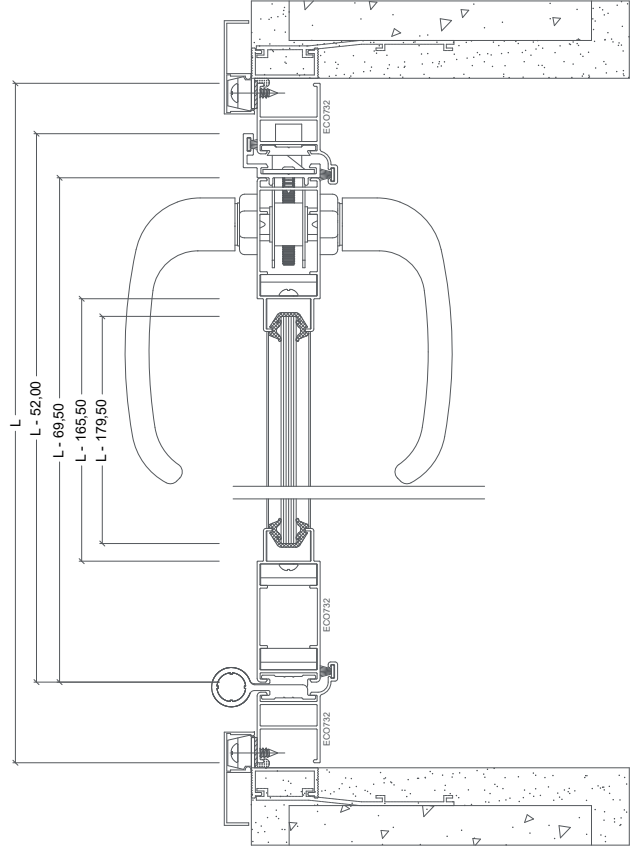
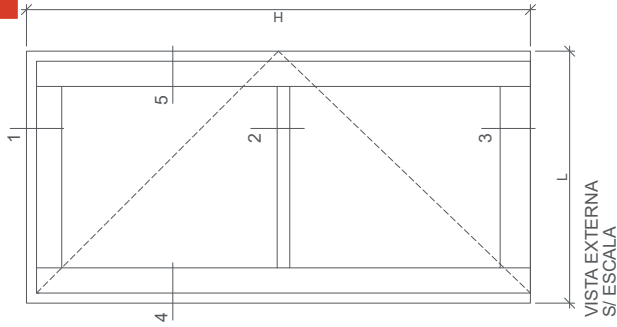
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de correr 2 folhas com persiana integrada - com Baguele



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 1 folha - Montagem 90°

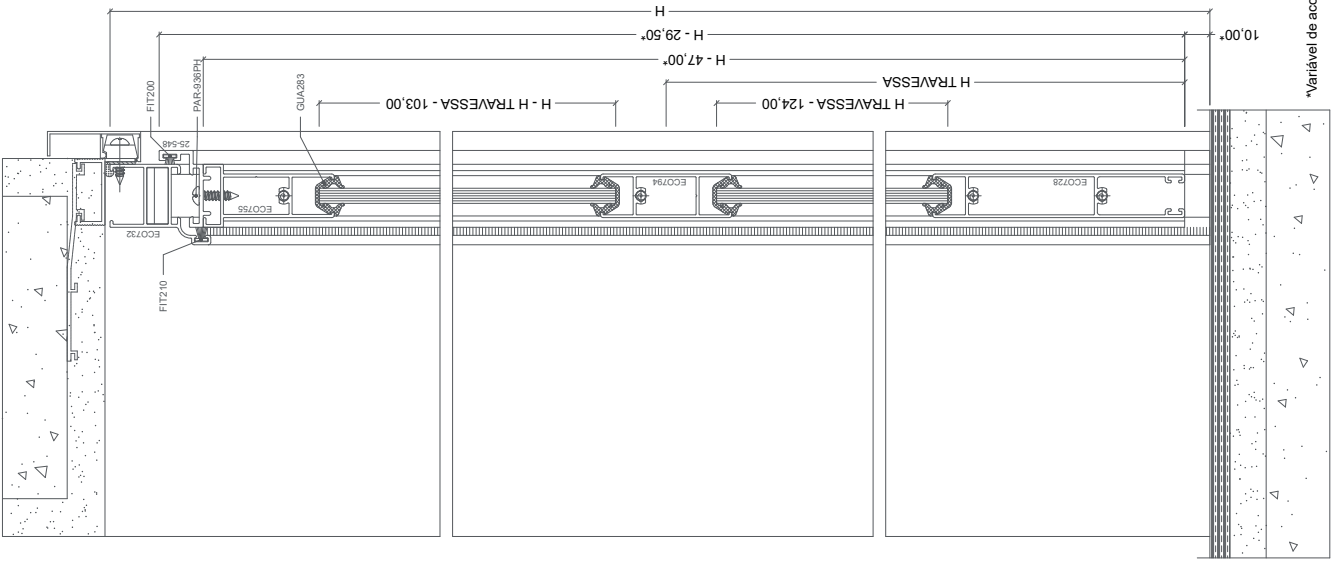


CORTE 05

LADO EXTERNO

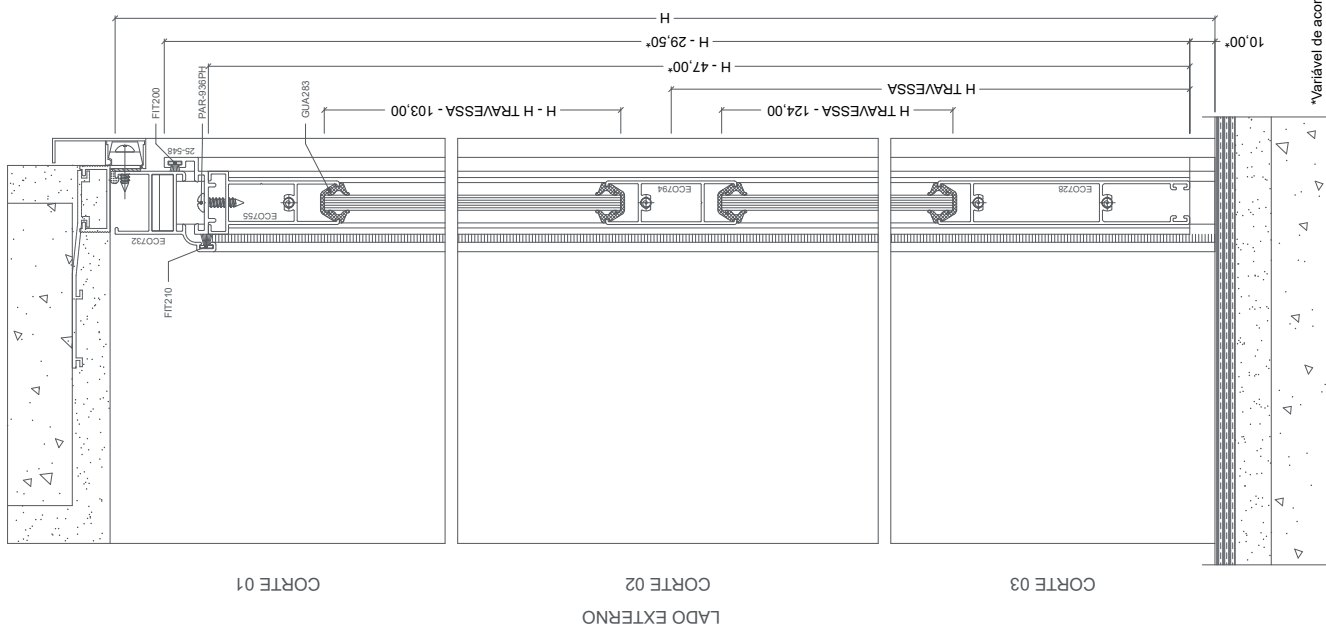
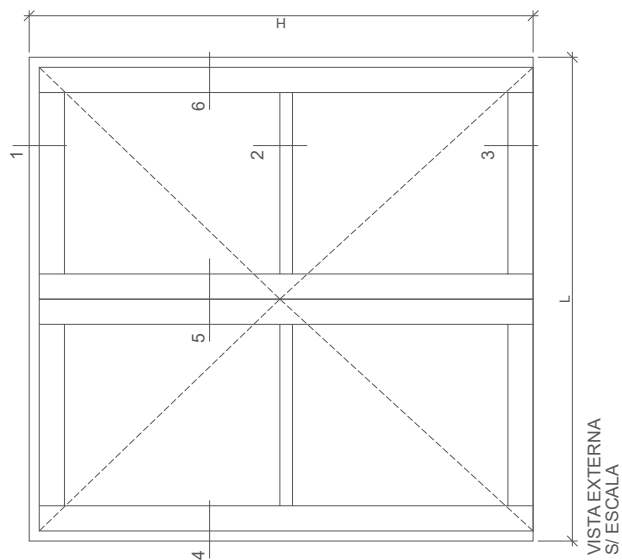
CORTE 04

*Variável de acordo com a folha interior



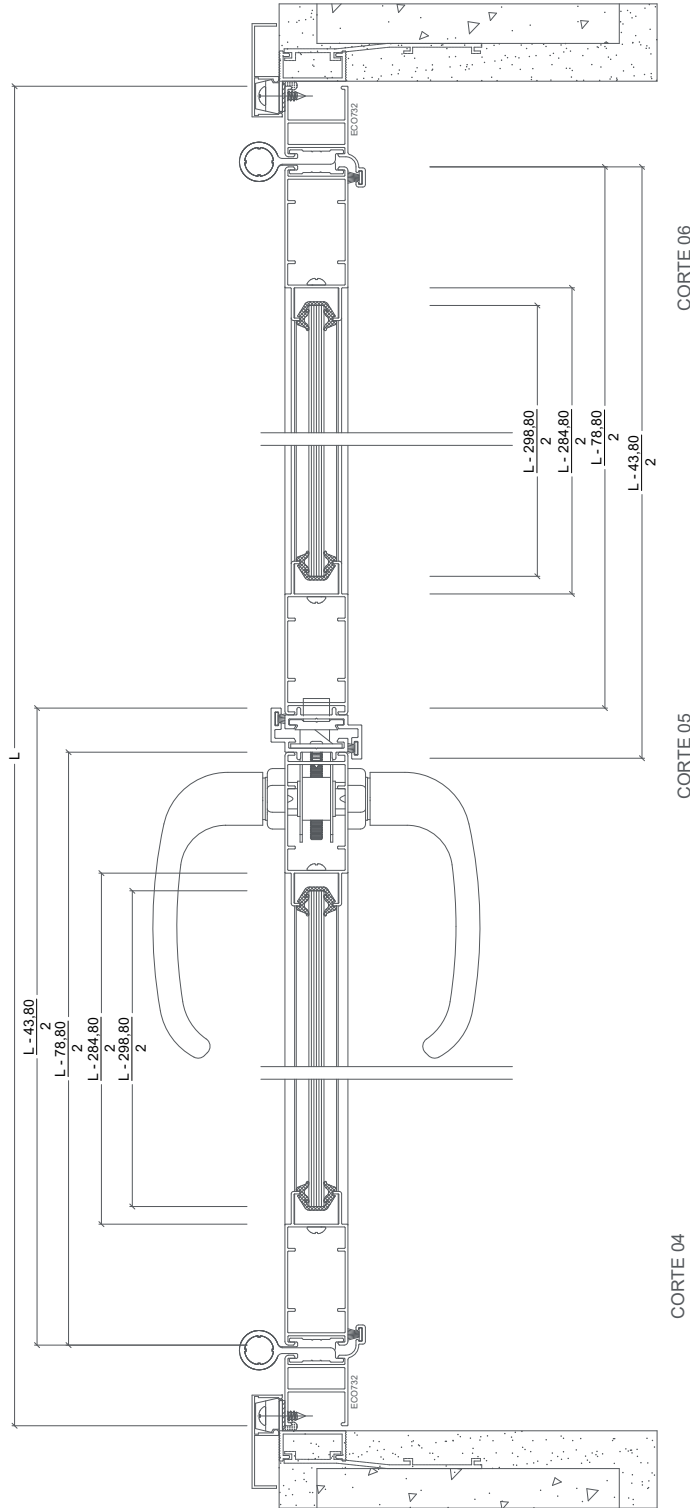
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 2 folhas - Montagem 90°



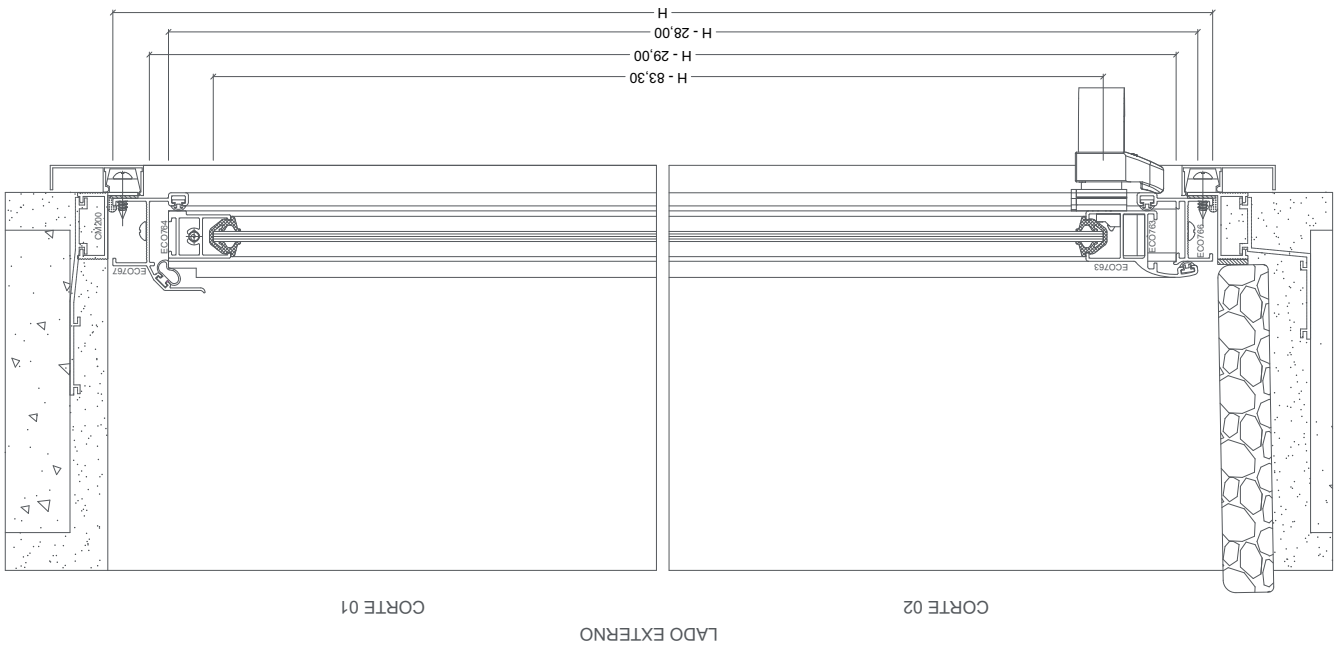
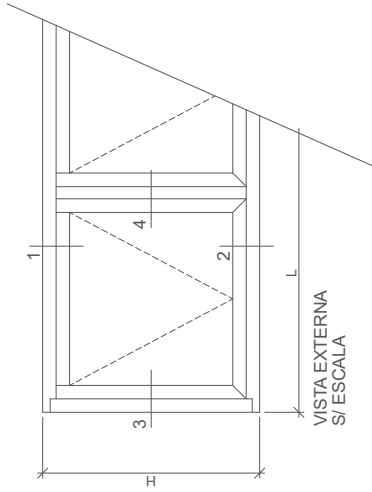
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 2 folhas - Montagem 90°

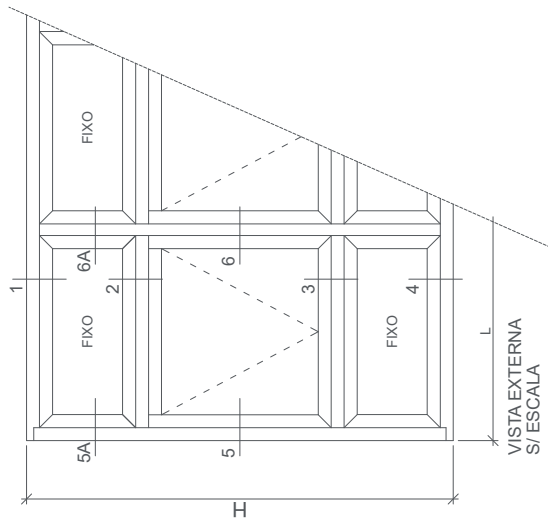


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

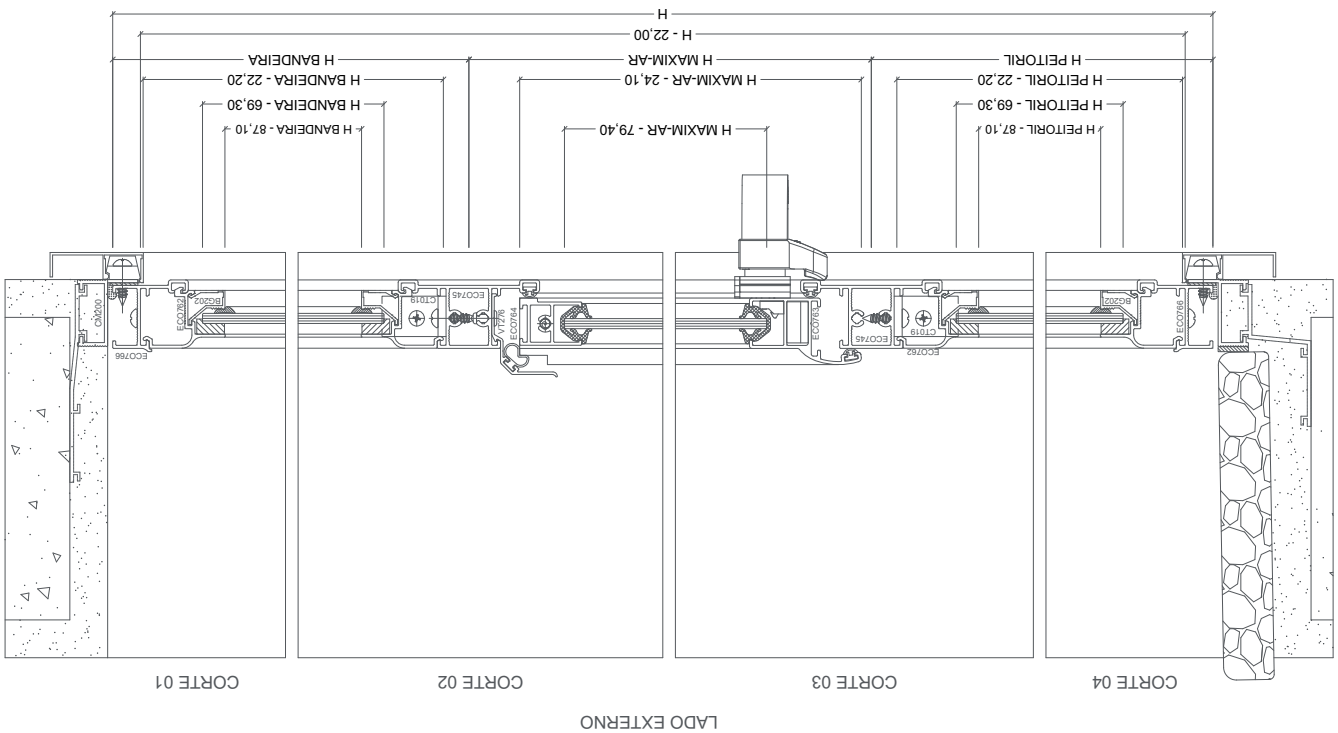
Maxim-ar: N folhas



Maxim-ar com peitoril e bandeira fixos
N folhas



VISTA EXTERNA
S/ ESCALA



LADO EXTERNO

CORTE 01

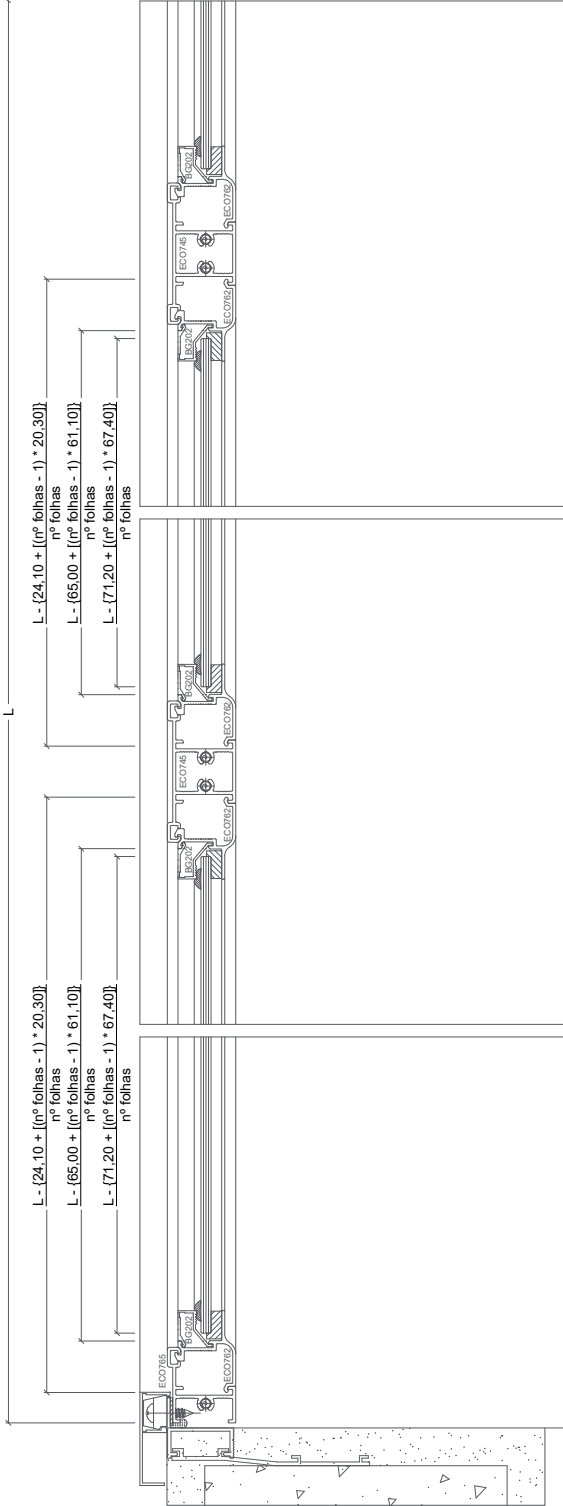
CORTE 02

CORTE 03

CORTE 04

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

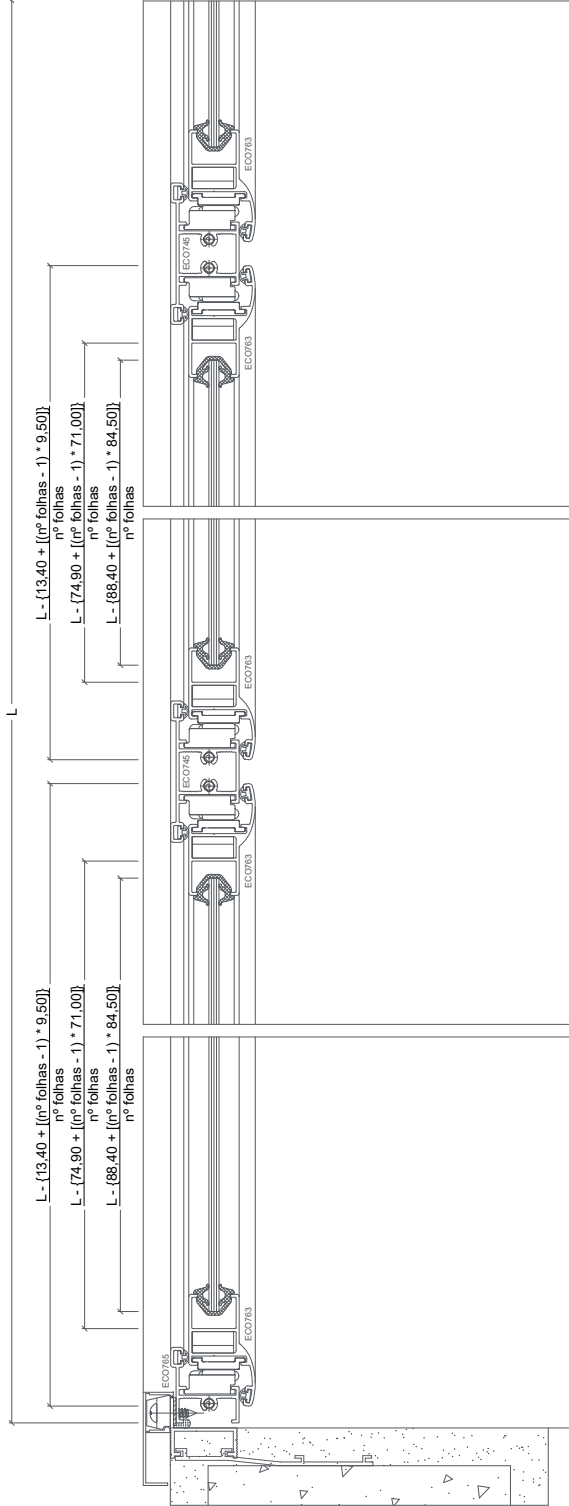
Maxim-ar com peitoril e bandeira fixos
N folhas



CORTE 6A

CORTE 6A

CORTE 5A



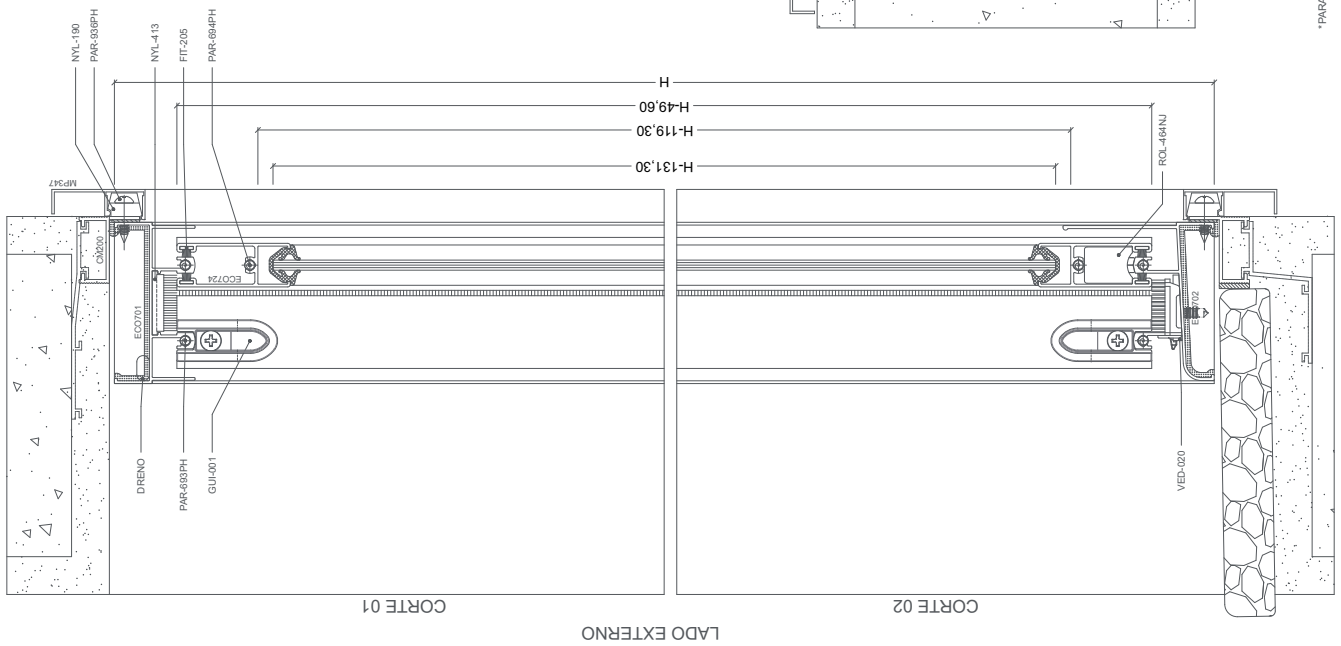
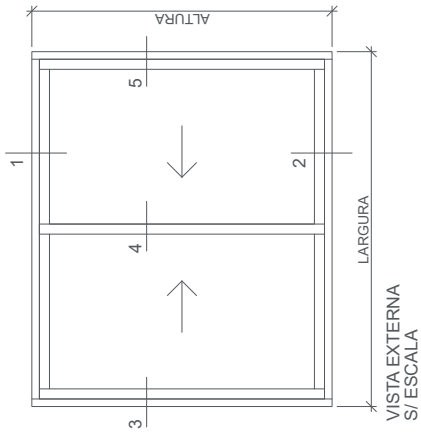
CORTE 06

CORTE 06
LADO EXTERNO

CORTE 05

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

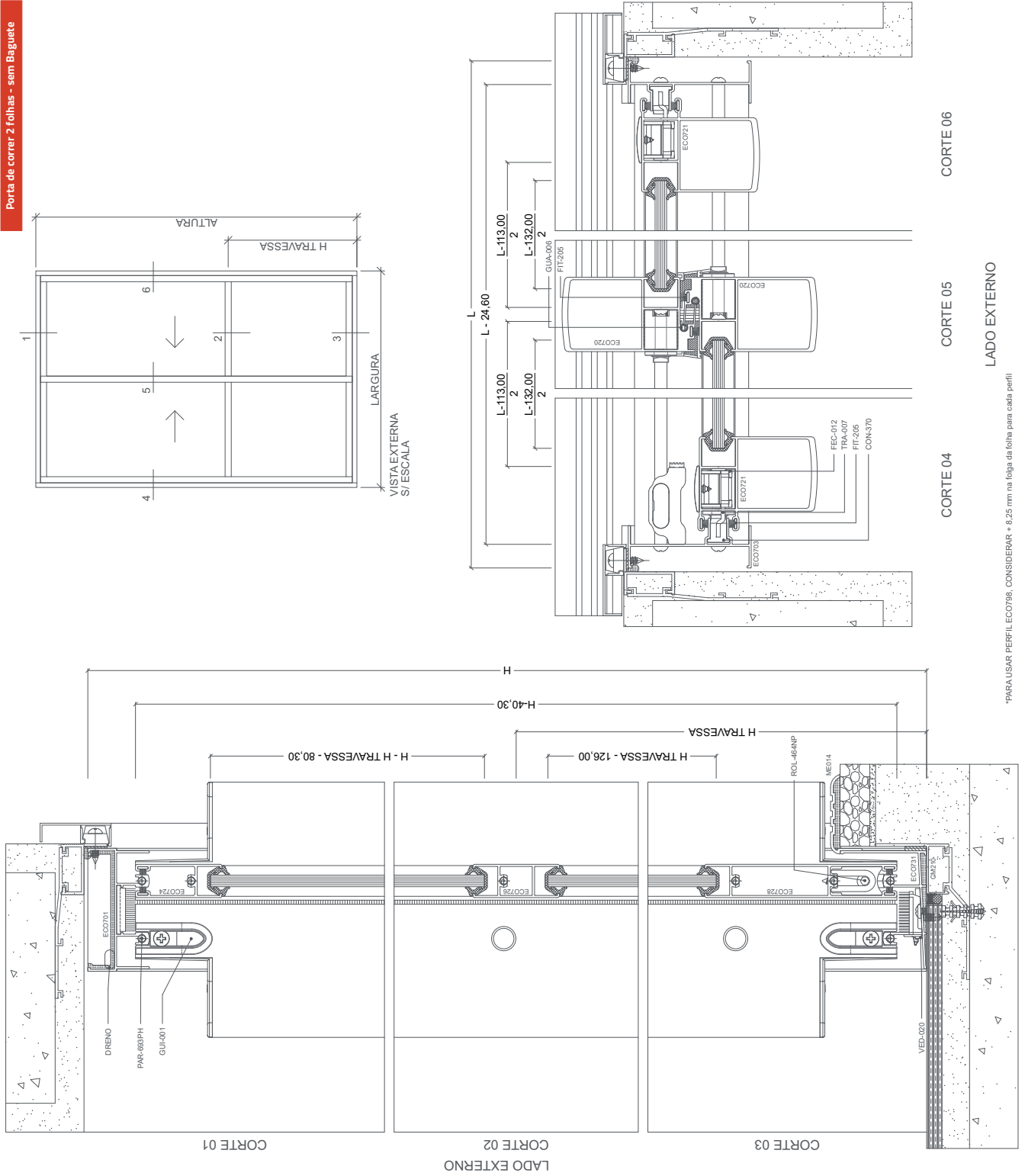
Janela de correr 2 folhas - sem Baguete



*PARA USAR PERFIL ECO708, CONSIDERAR + 8,25 mm na folga da folha para cada perfil

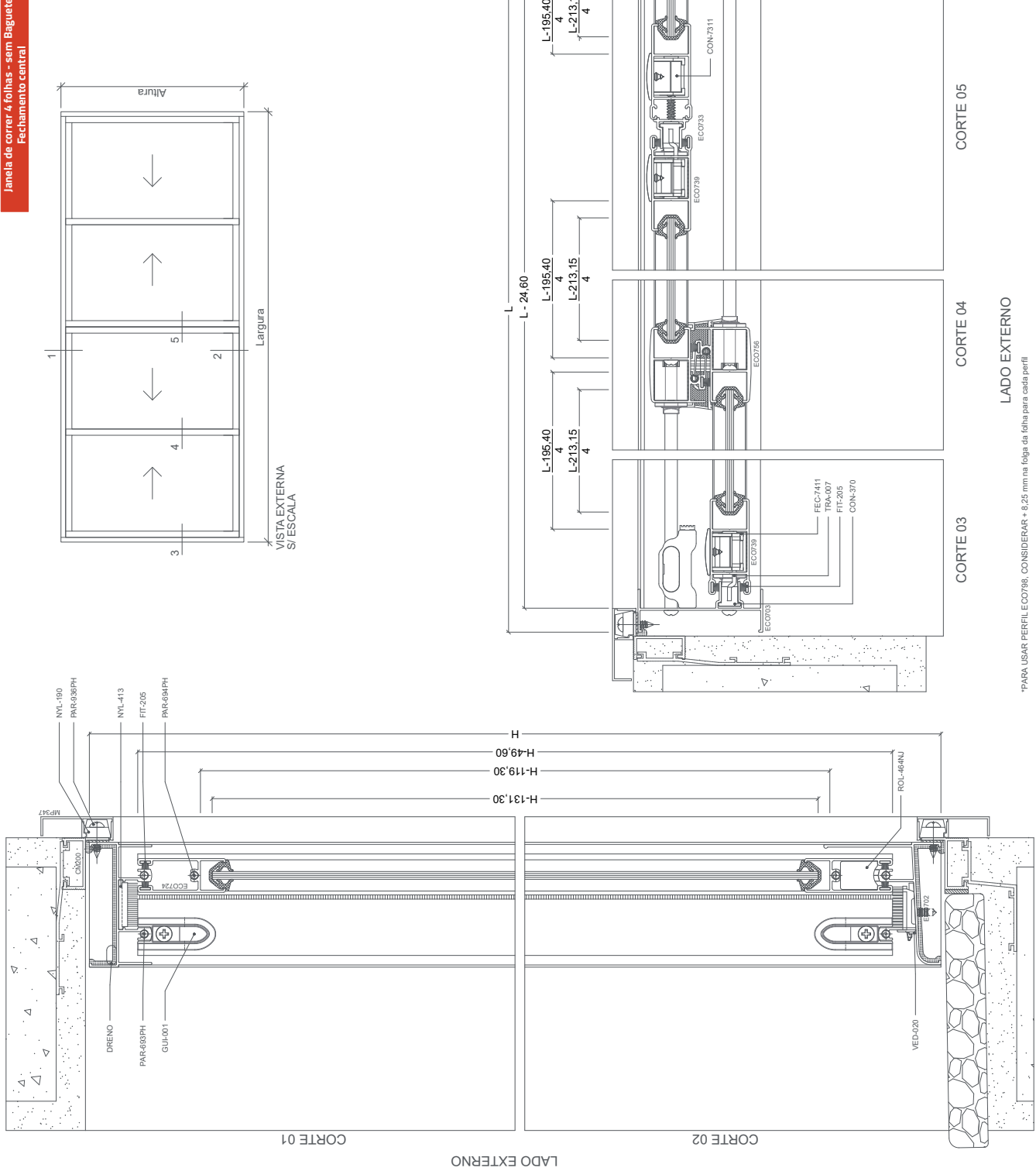
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de correr 2 folhas - sem Baguete



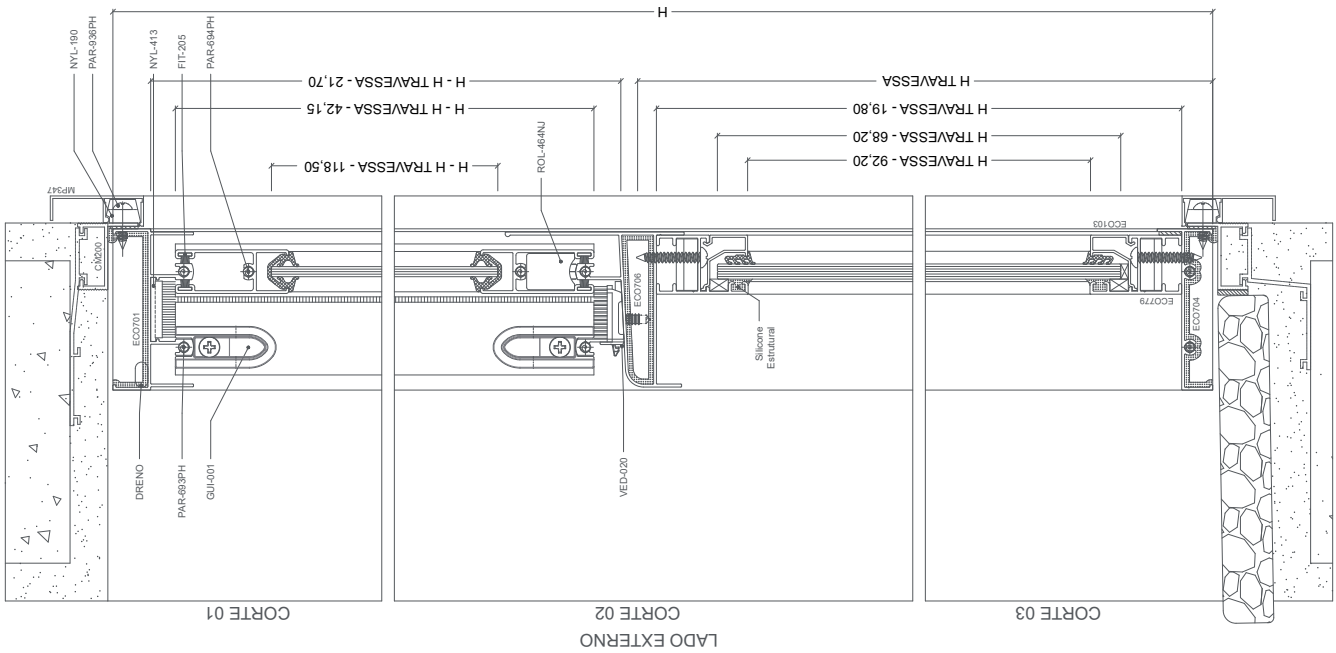
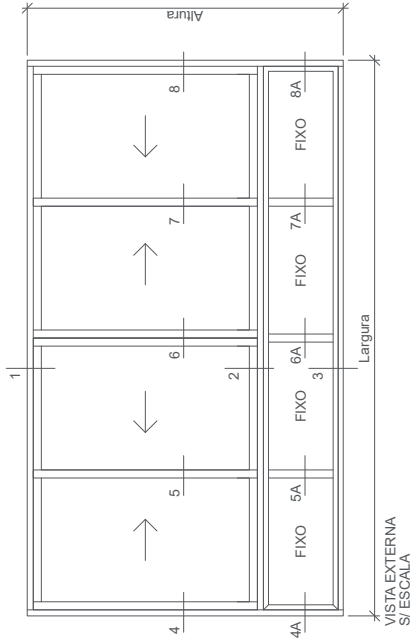
*PARA USAR PERFIL ECO798, CONSIDERAR + 8,25 mm na folha da folha para cada perfil

PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.



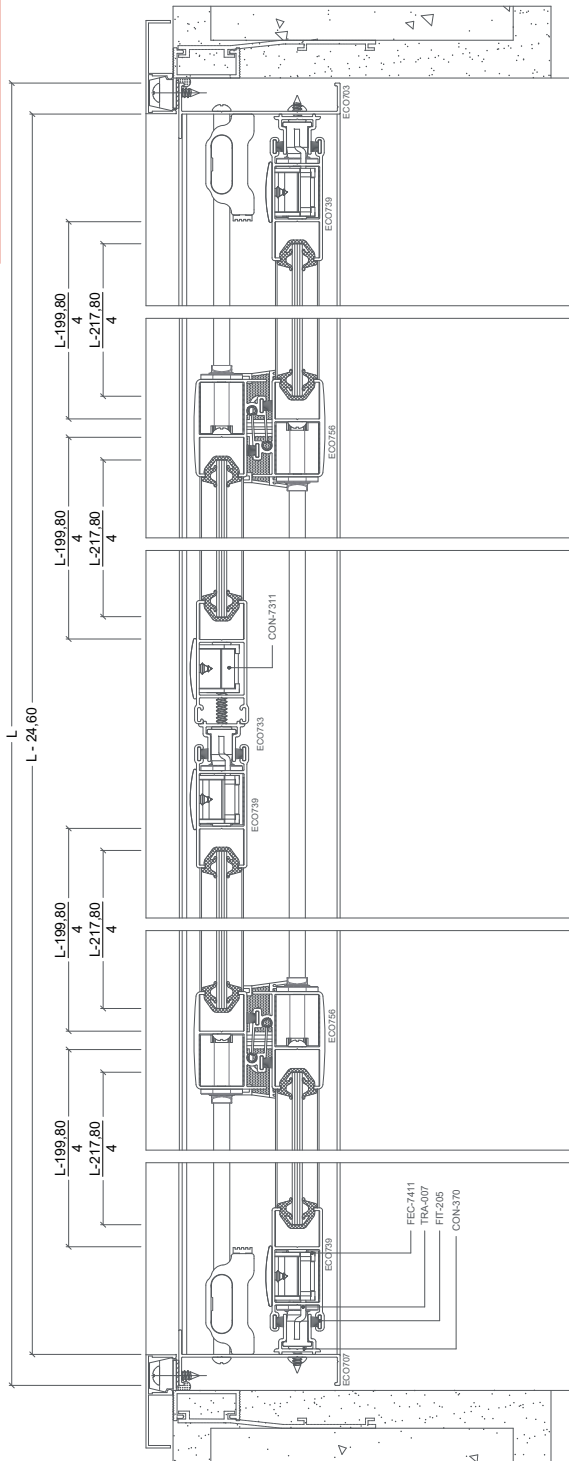
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com peitoril fixo - sem Bagueete e fechamento central



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

anelã de correr 4 folhas com peitoril fixo - sem
Bagueete e fechamento central



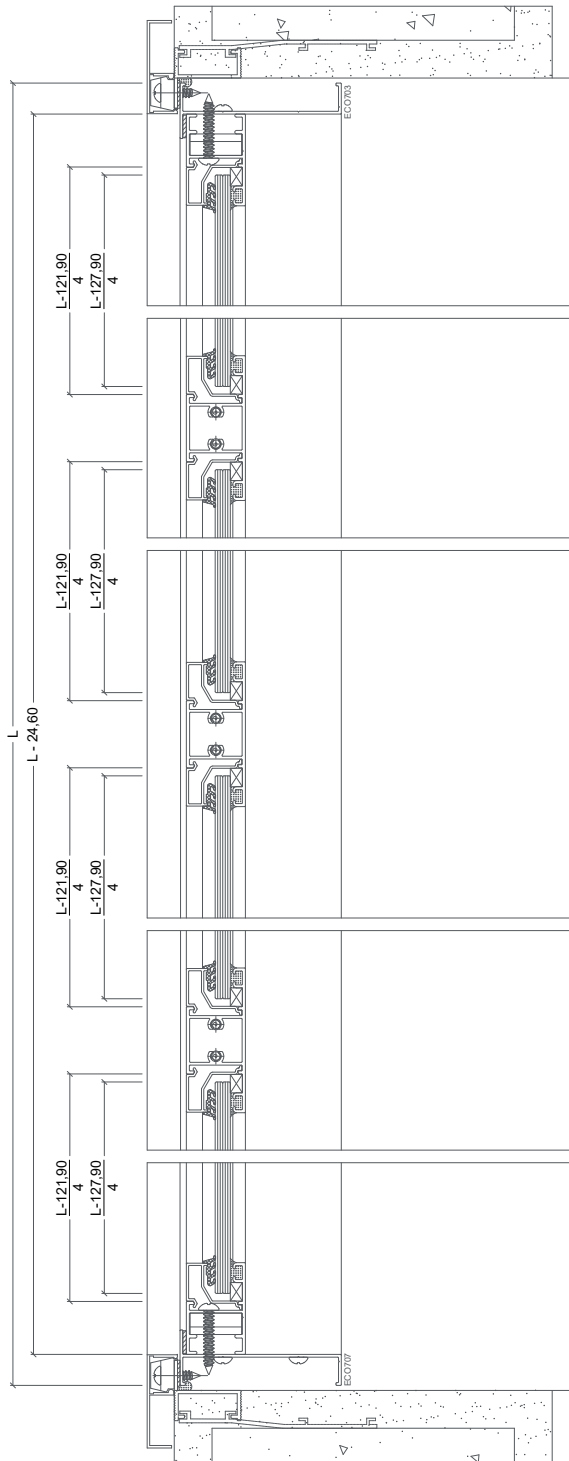
CORTE 08

CORTE 07

CORTE 06

CORTE 05

CORTE 04



CORTE 8A

CORTE 7A

CORTE 6A

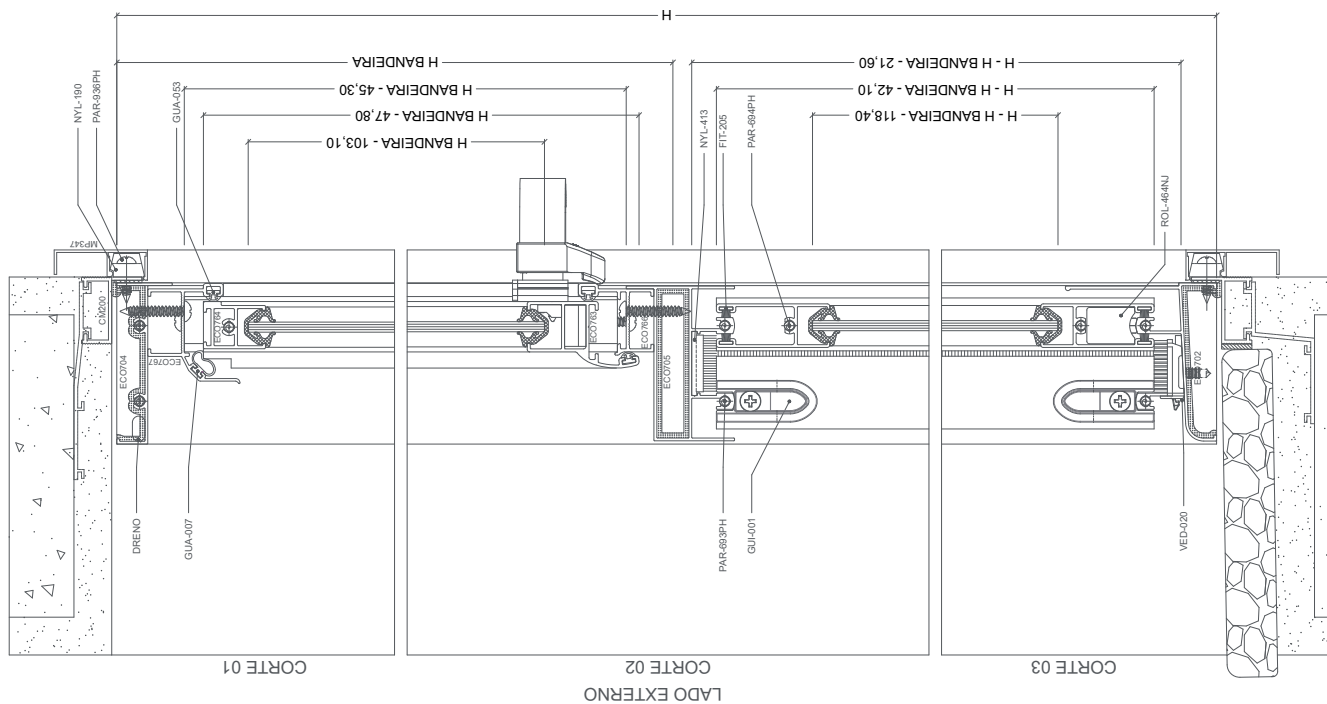
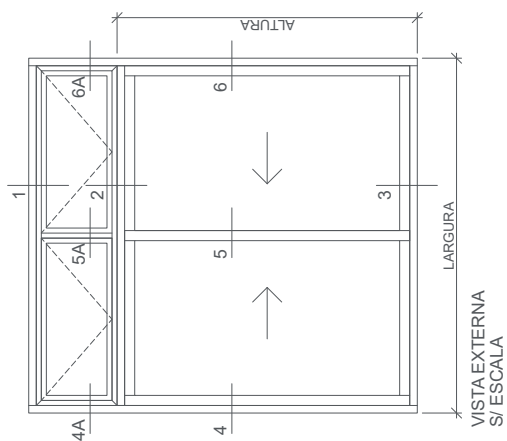
CORTE 5A

CORTE 4A

LADO EXTERNO

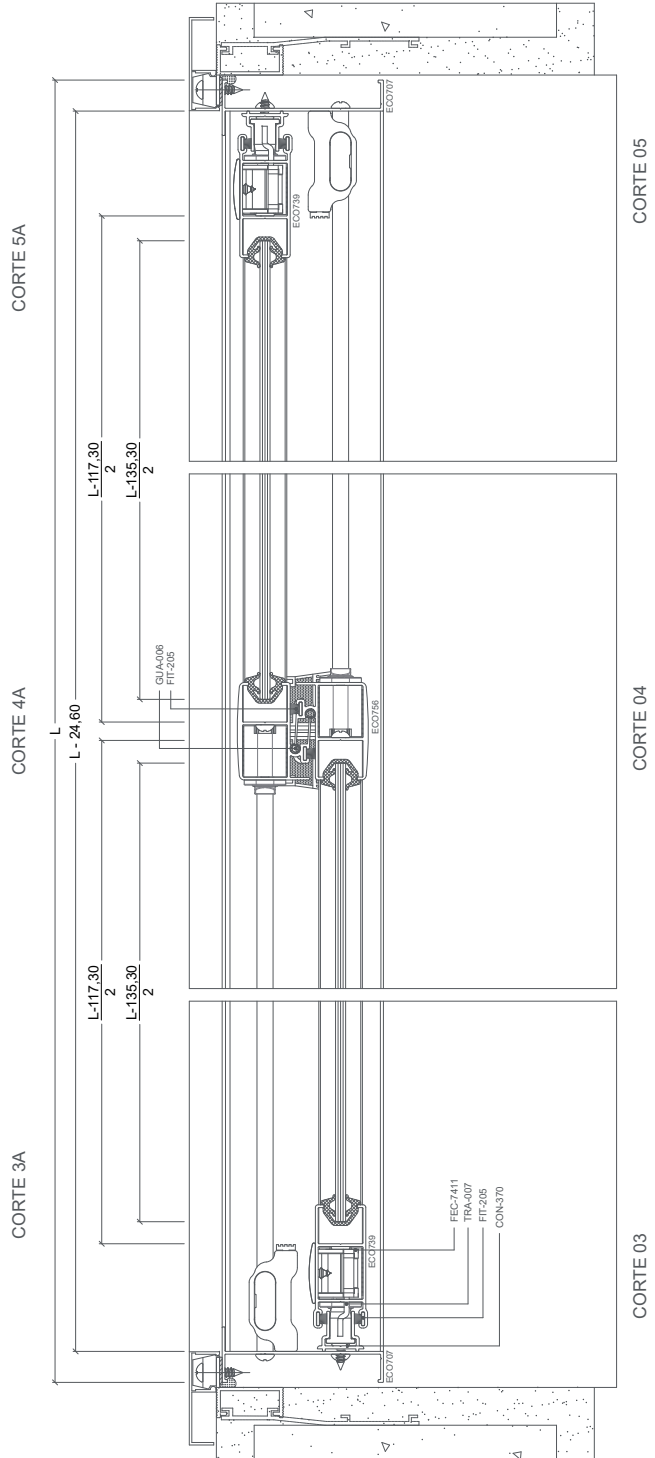
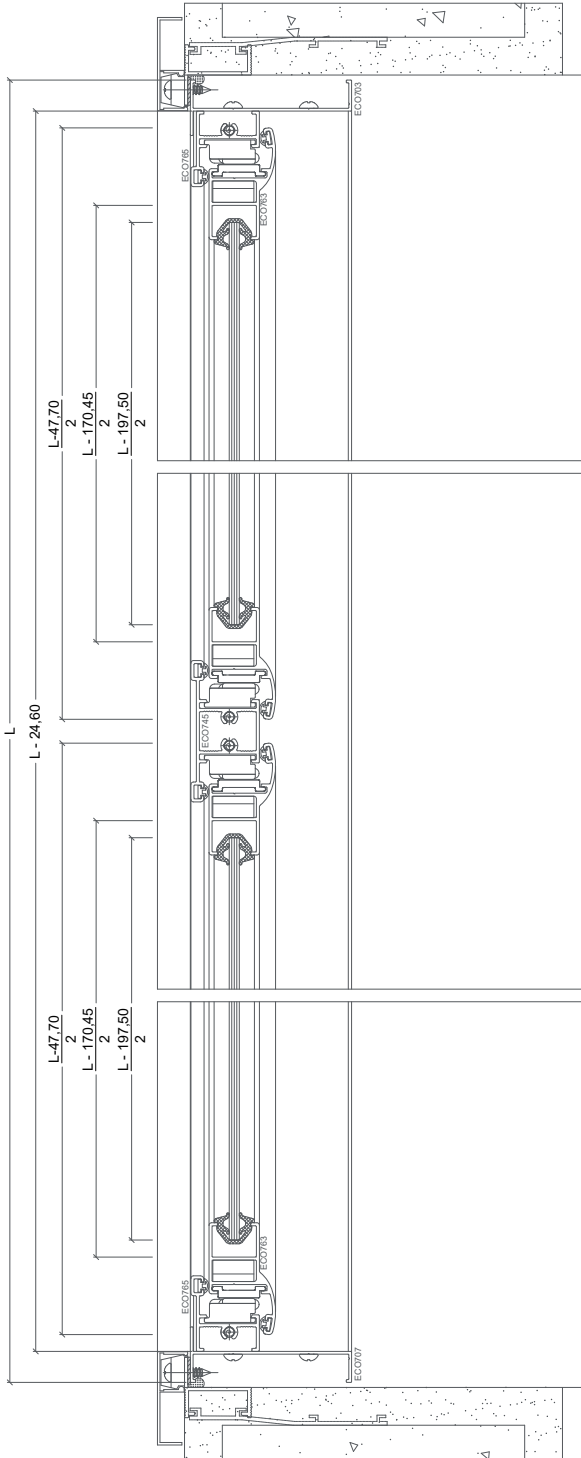
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com bandeira móvel - sem Baguele e Fechamento central



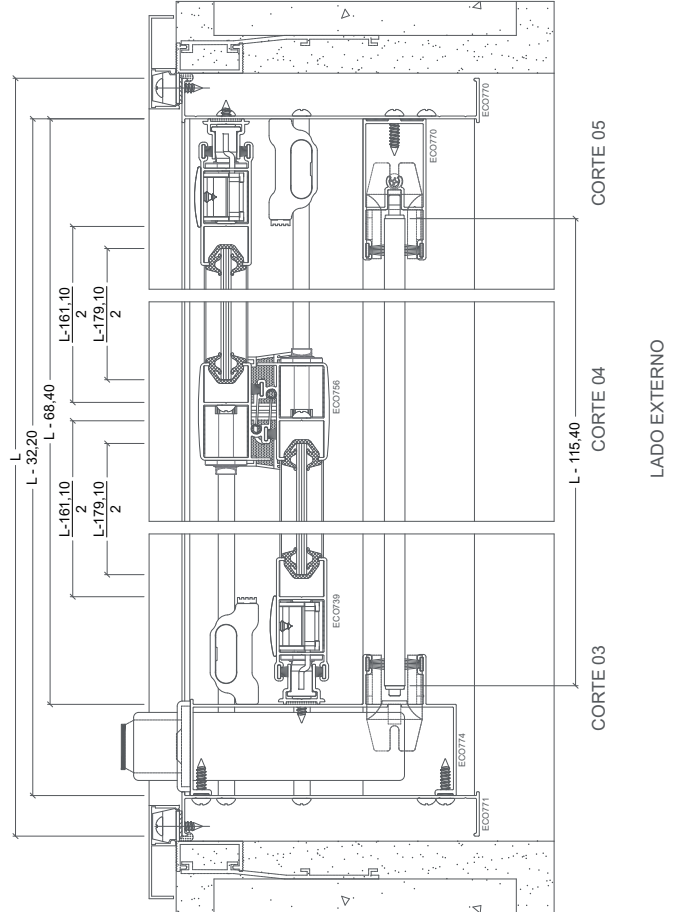
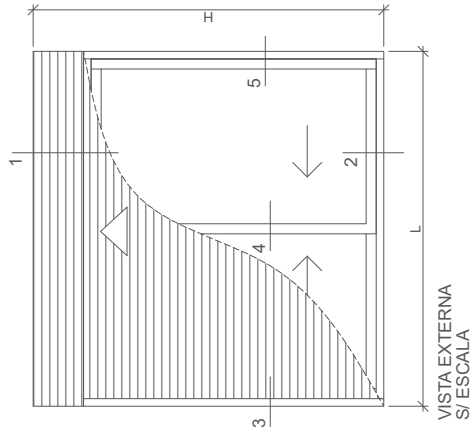
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Janela de correr 4 folhas com bandeira móvel - sem Bagueira e Fechamento central

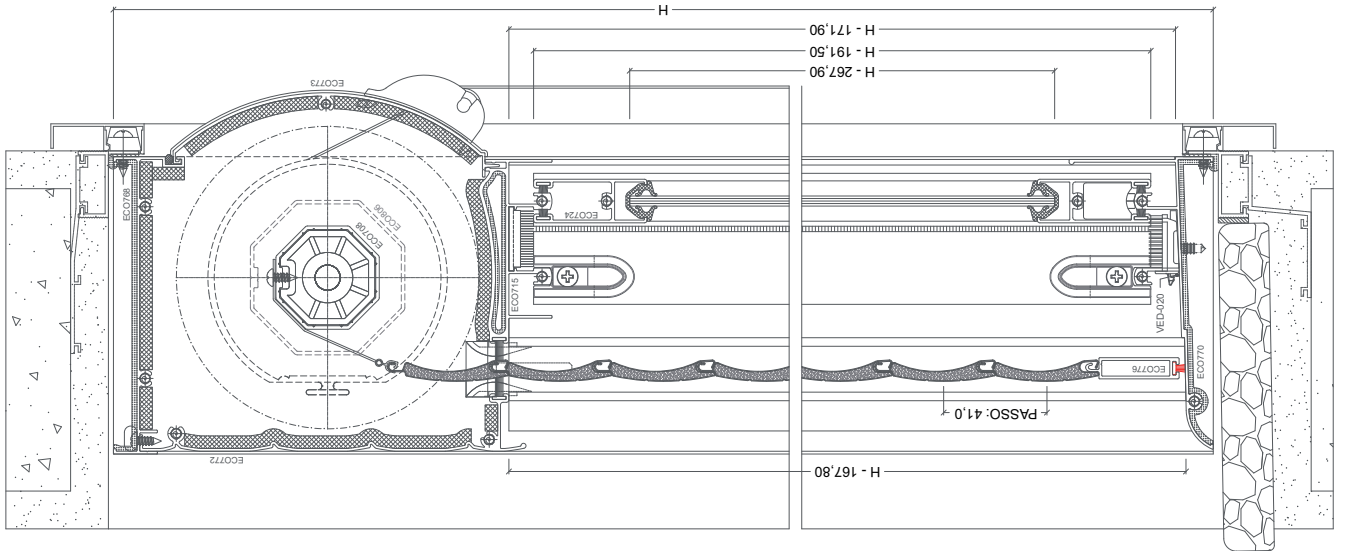


LADO EXTERNO

Janela de correr 2 folhas com persiana integrada - sem Baguete

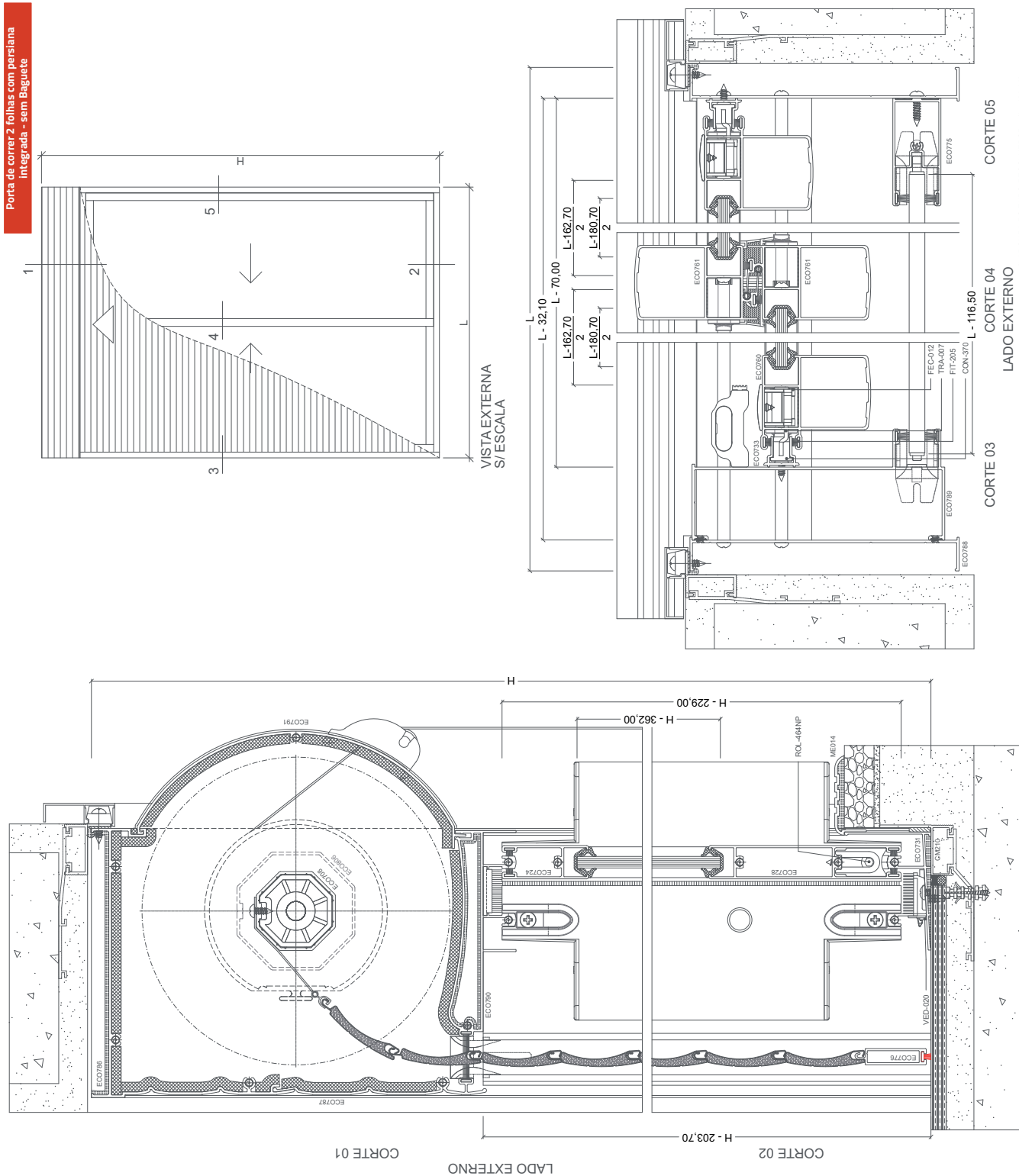


*LARGURA DO TUBO RECOLHEADOR = (L - 109,20)



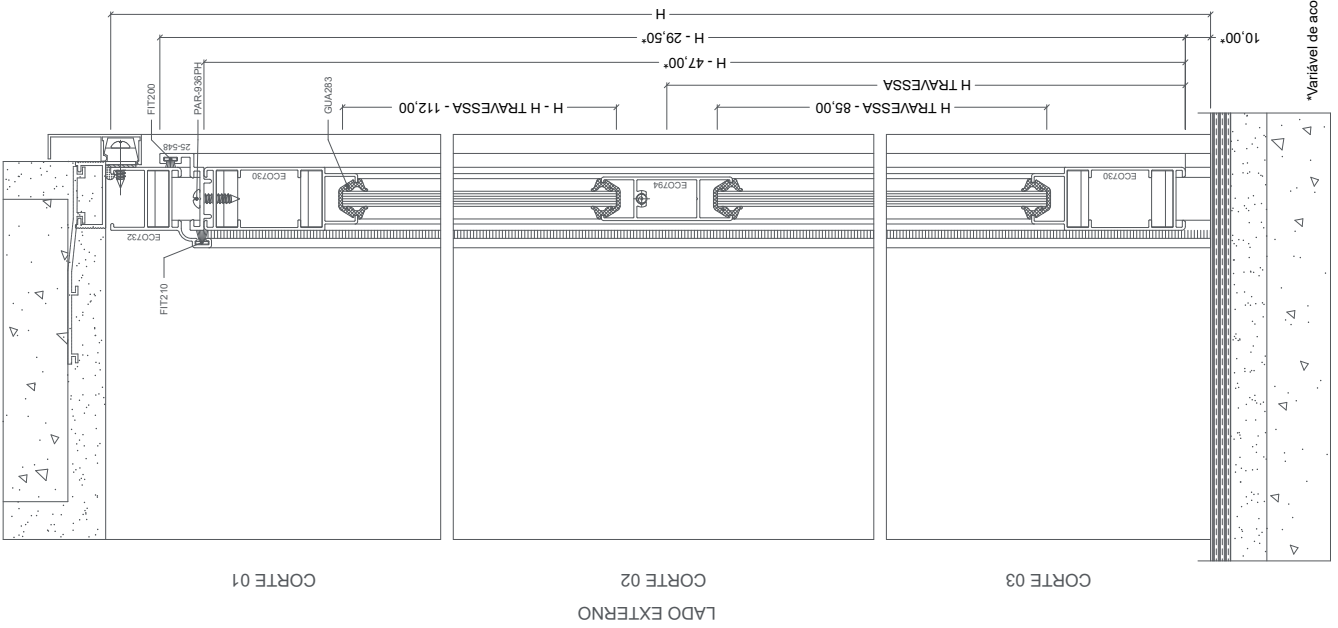
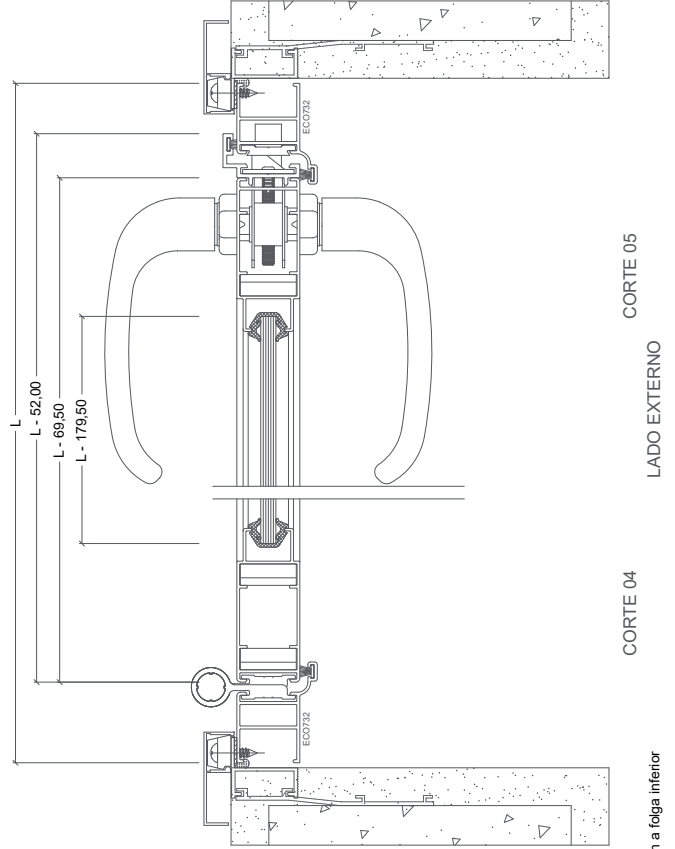
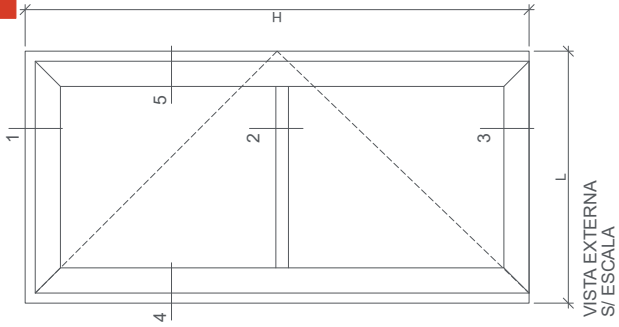
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de correr 2 folhas com persiana integrada - sem Baguele



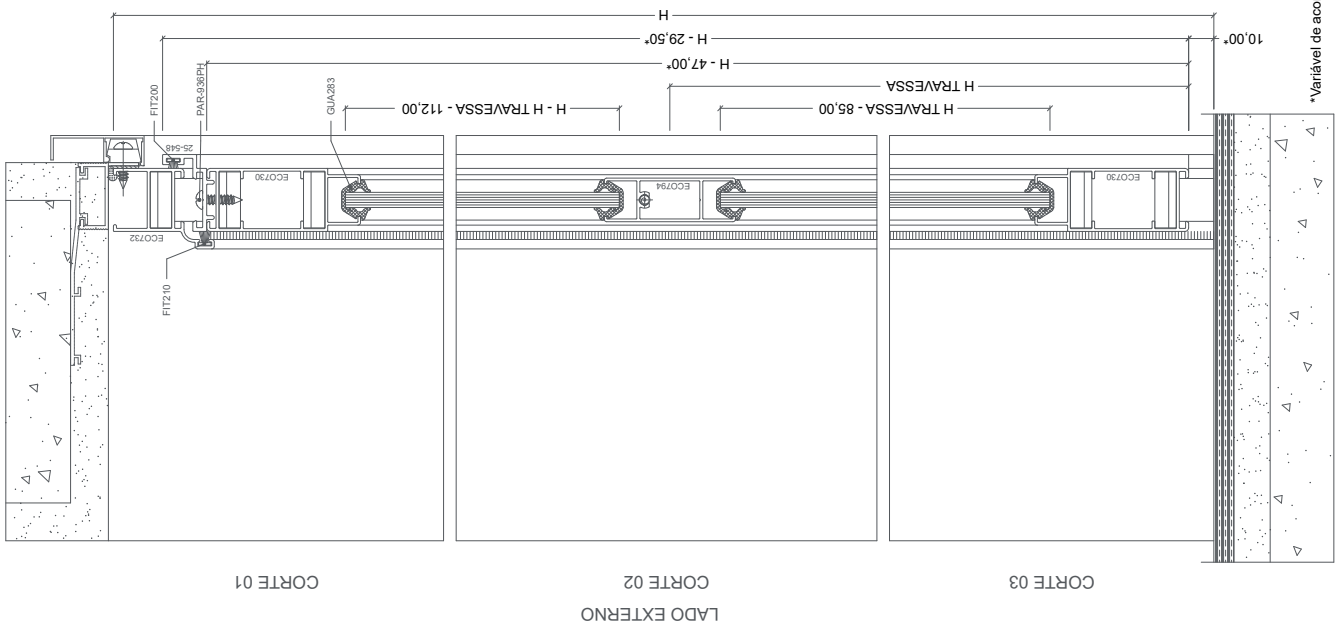
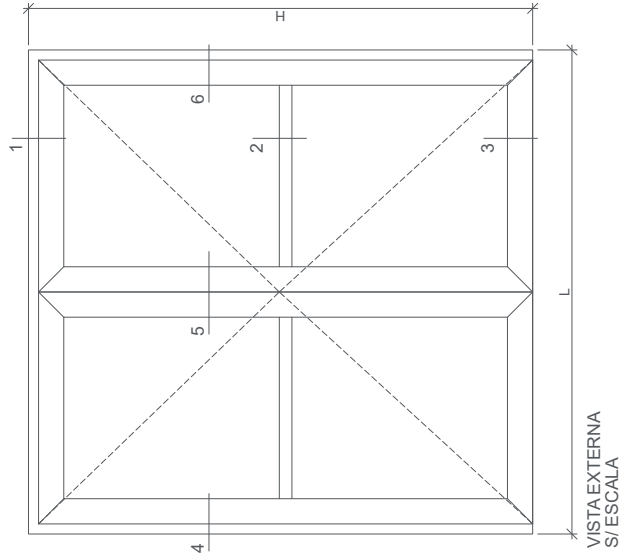
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 1 folha - Montagem 45°



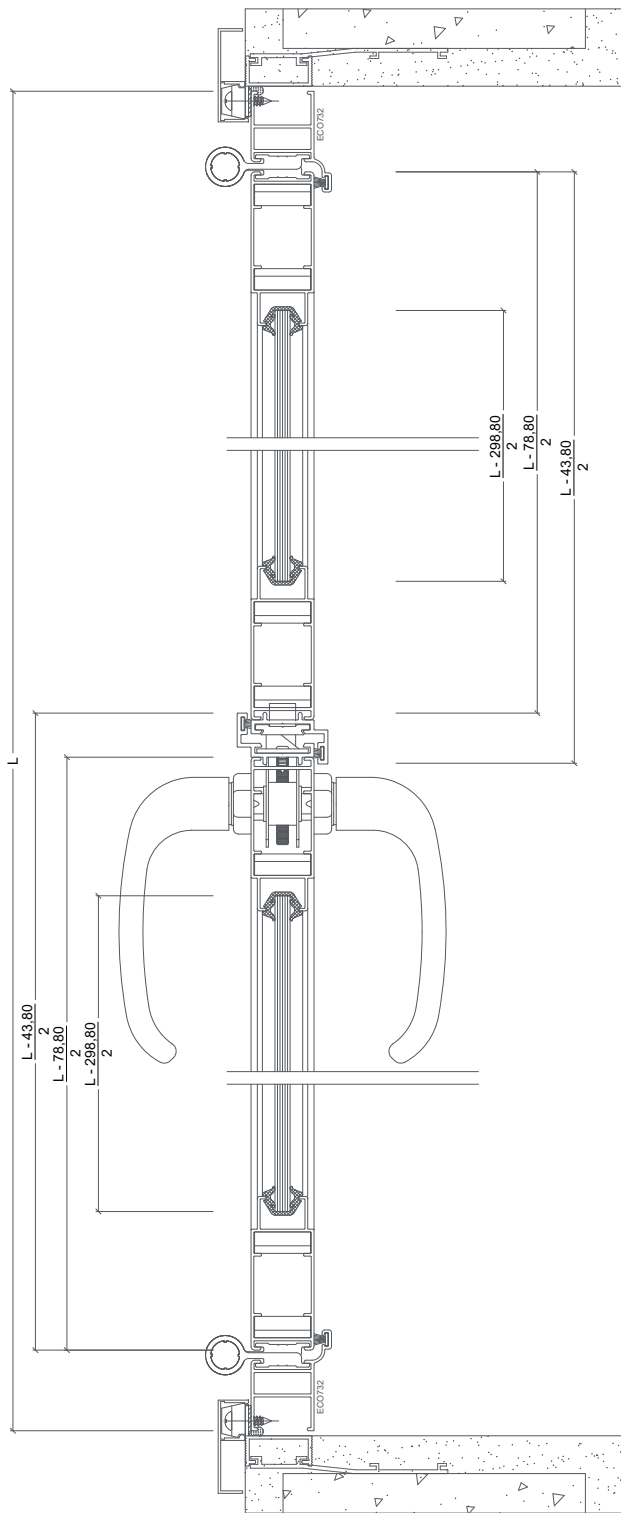
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 2 folhas - Montagem 45°



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Porta de giro 2 folhas - Montagem 45°



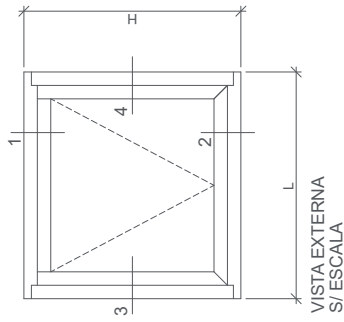
CORTE 04

CORTE 05

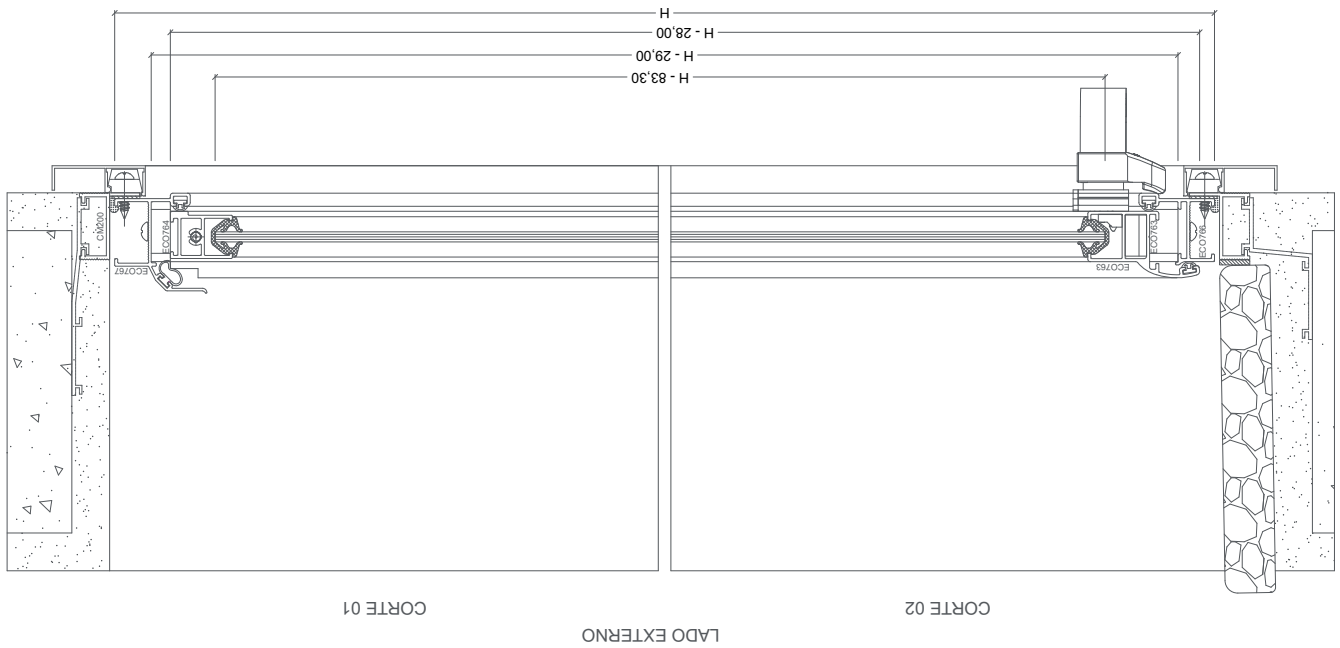
CORTE 06

LADO EXTERNO

Maxim-ar 1 folha



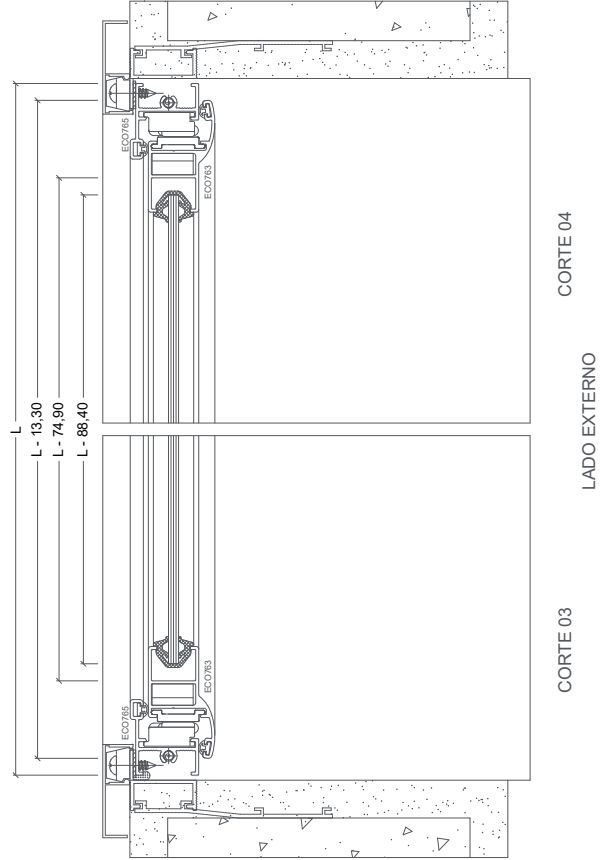
VISTA EXTERNA
S/ESCALA



CORTE 01

LADO EXTERNO

CORTE 02

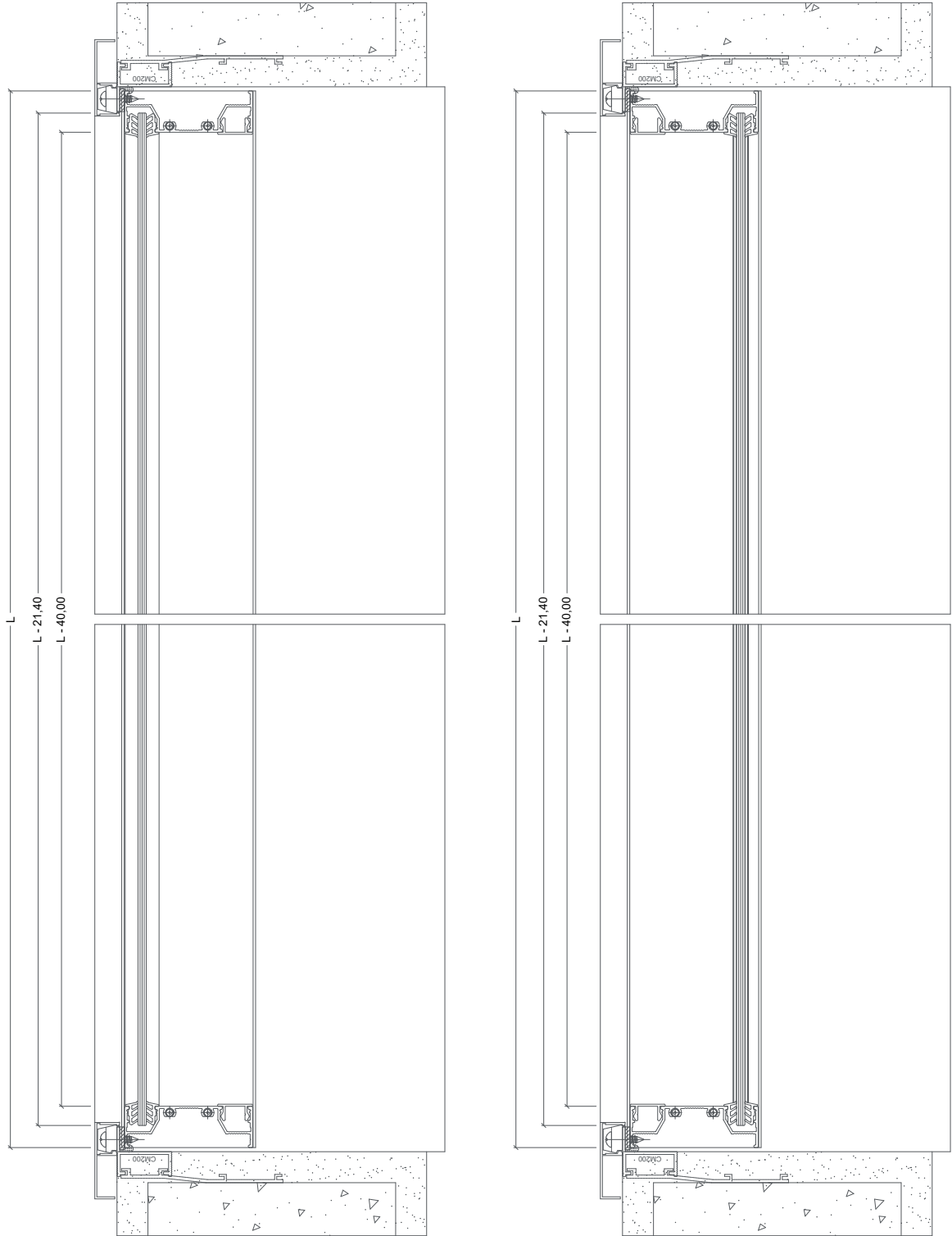


CORTE 03

CORTE 04

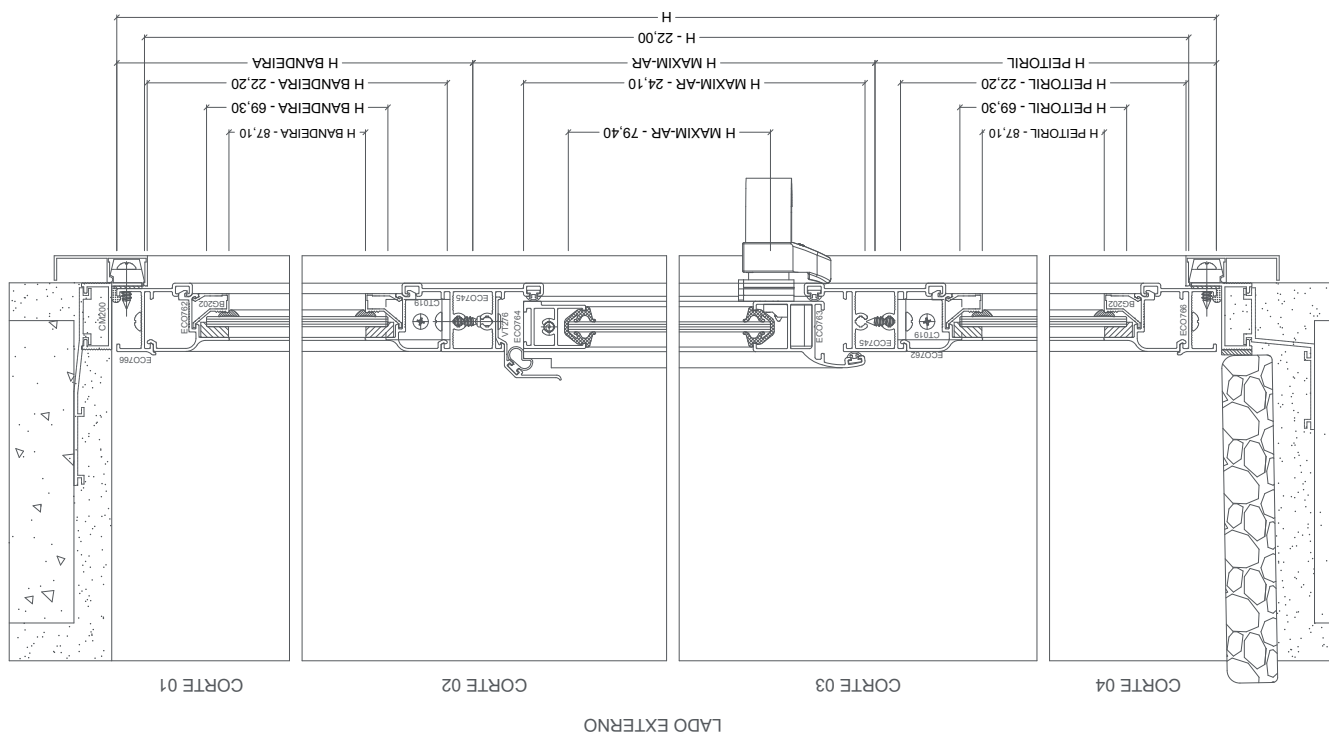
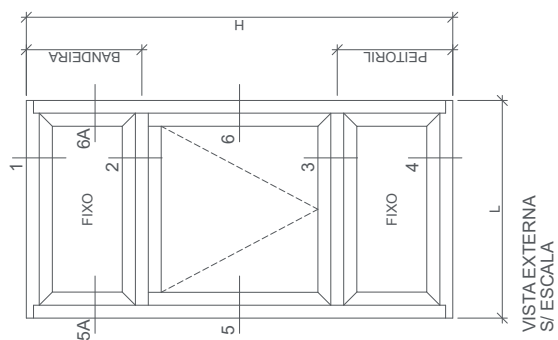
LADO EXTERNO

Ventilação Permanente



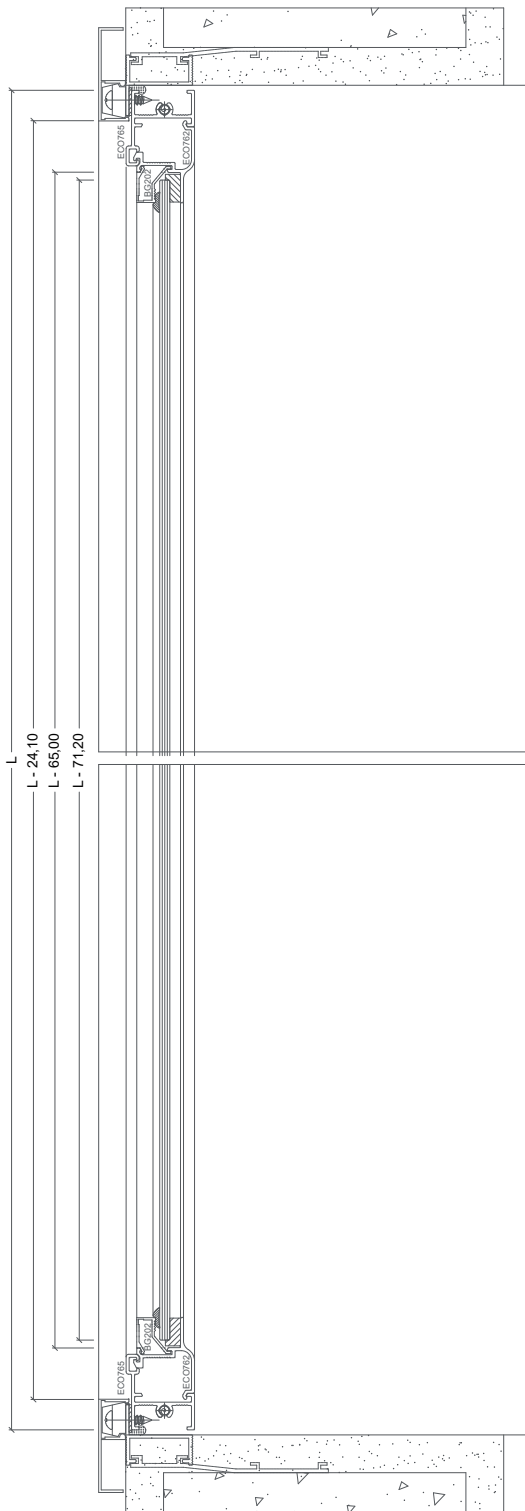
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Maxim-ar com peitoril e bandeira fixos
1 folha



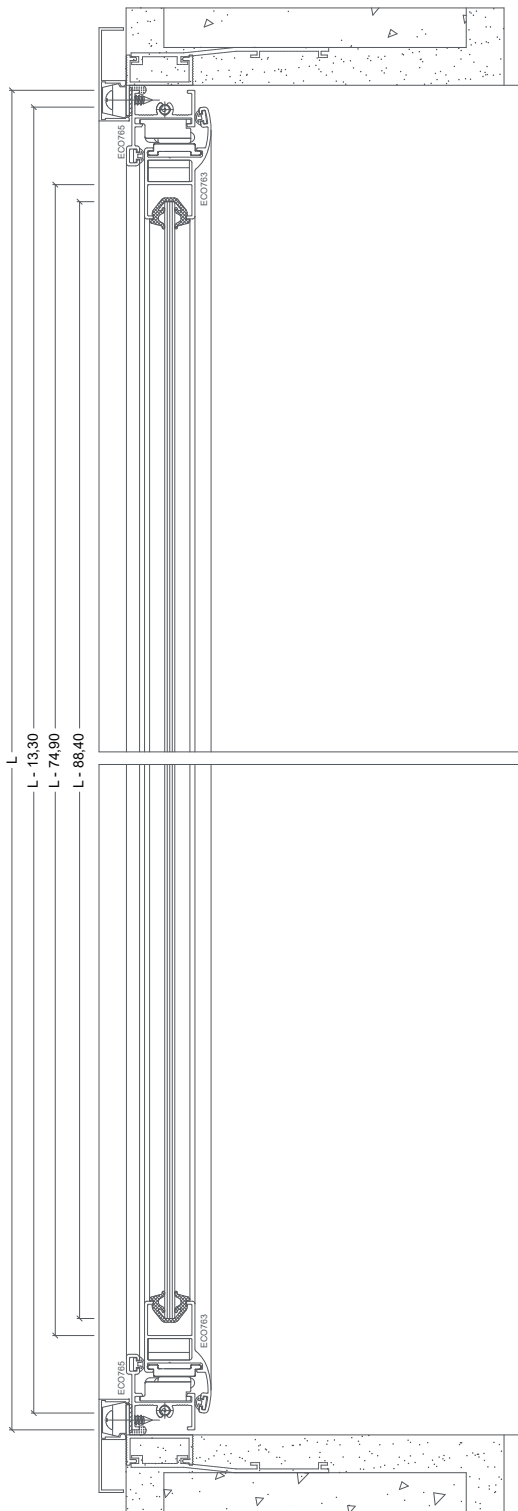
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Maxim-ar com paltoril e bandeira fixos
1 folha



CORTE 6A

CORTE 5A

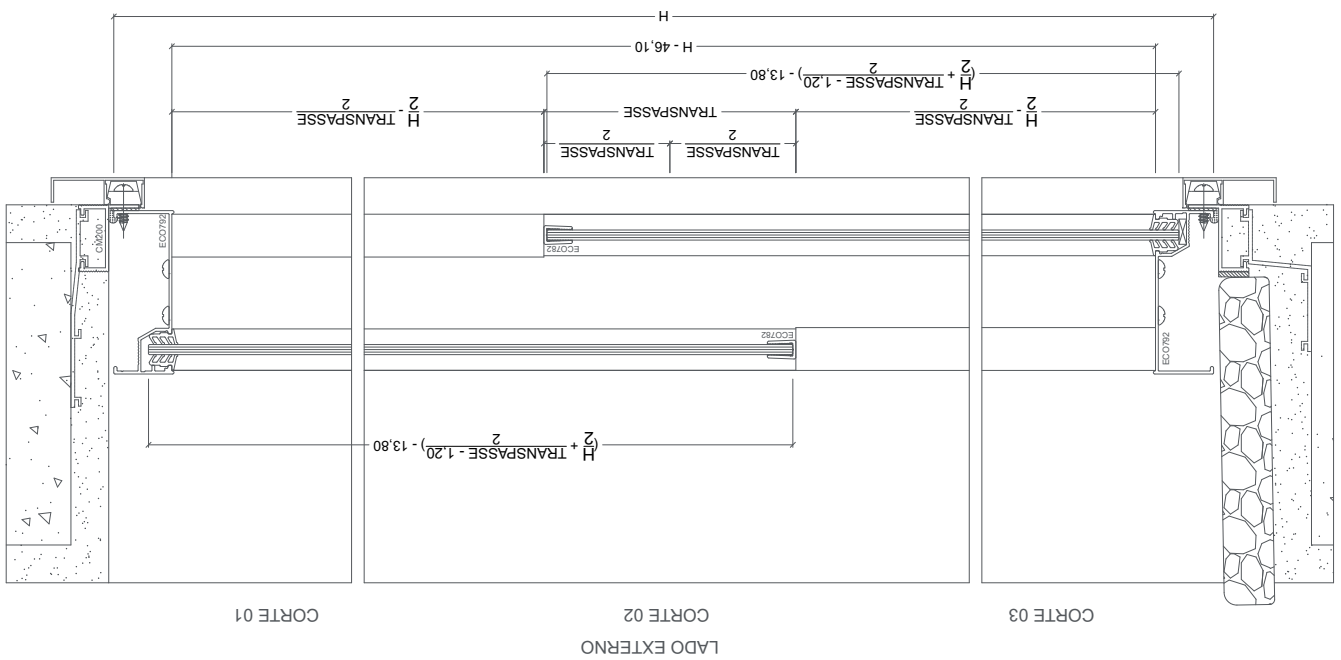
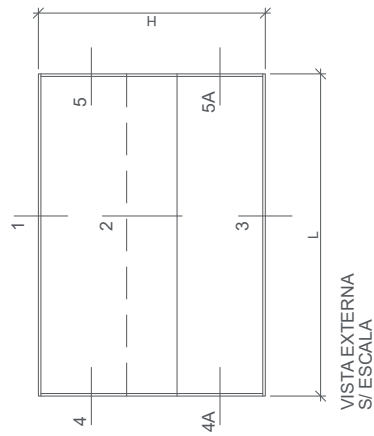


CORTE 06

CORTE 05

LADO EXTERNO

Ventilação Permanente



PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

Sistema
UNION

perfilaluminio.com.br

(27) 2104-5900 | vendas@perfilaluminio.com.br

  @perfilaluminiodobrasil  Perfil Alumínio do Brasil S/A

DISTRIBUIÇÃO

Rua Fernando Coelho, 100
Ilha dos Ayres | Vila Velha-ES
CEP: 29106-640

INDÚSTRIA

Rodovia BR 101, Km 302
Ribeira | Viana-ES
CEP: 29132-690

FILIAL - SP

Rua Antônio Frederico, 280
Vila Carioca | São Paulo - SP
CEP 04224-030

SISTEMAS CONSTRUTIVOS EXCLUSIVOS

ecoline 1.6 ecoline 2.5 **UNION**  chroma  SOPHIA
silence Minimalframe
 ARTUS  ERUS Gradline  ECOGRID  ecoStick WALLFrame
 FACHADA
Ventilada PERFILSOLAR  MOVELEIRA IMPLEMENTOS **RODOVIÁRIOS**



RESPONSABILIDADE
SOCIAL E CIDADANIA:



ASSOCIADO À:

