



CATÁLOGO TÉCNICO

Esquadrias Convencionais

Sistema

EcoLine 2.5[®]

Sistema





EcoLine 2.5 SGT[®]
GLASS TAPE SYSTEM



ATENÇÃO

Observe as Instruções e Recomendações do Catálogo Técnico

Este Catálogo é parte integrante do Sistema Construtivo em Alumínio EcoLine 2.5 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.

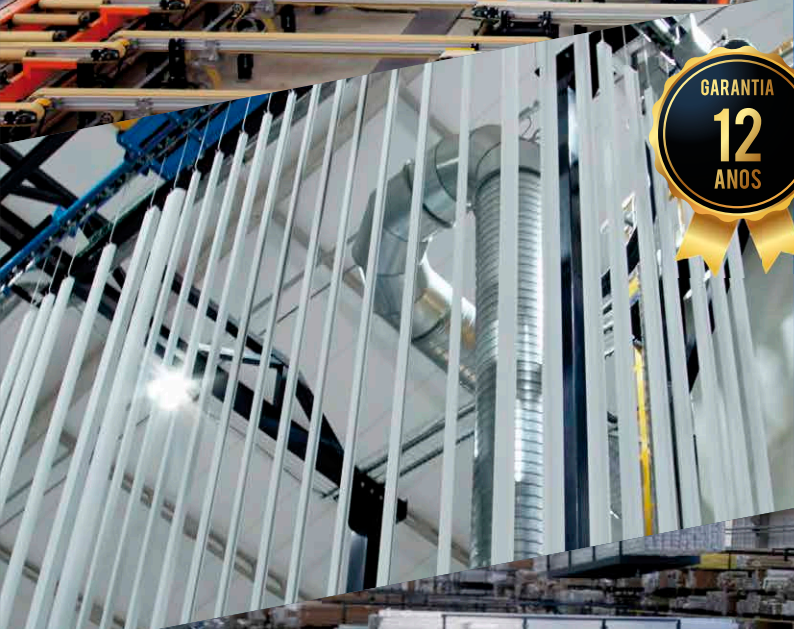
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A EMPRESA

Criada em 1995, a **Perfil Alumínio** tem conquistado ao longo dos anos, destaque reconhecido entre as **melhores empresas** do setor.

Com unidades instaladas em **Vila Velha e Viana**, ambas na região metropolitana de Vitória (ES) a empresa emplaca a estratégia de ocupar espaços fora do eixo Rio-São Paulo, estabelecendo assim uma **excelente opção** de **abastecimento de perfis extrudados de alumínio** para os principais mercados emergentes do país.



EXTRUSÃO

Linha automática completa

- 2.000 toneladas de força billets 178mm;
- Principais ligas de têmperas;
- Mesa de saída, handling de 50 metros de comprimento;
- Esticadeira com correção eletrônica (track los);
- Perfis complexos e com medidas especiais;
- Forno de 16 metros;
- Departamento de projetos e desenvolvimento de ferramentas;
- Perfis de grandes dimensões;
- Superfícies constantes e precisão dimensional.

Totalmente planejada

P20 de 7"

PINTURA

Planta de Pintura Vertical

- Capacidade para 1.800 toneladas/mês;
- Perfis de até 7,5 metros;
- Sistema 100% automatizado com aplicações na cabine de com robôs de última geração;
- Atende as normas internacionais e nacionais
- Pré-tratamento nanotecnológico: Amigo do Ambiente;
- Ampla gama de cores e texturas: Padrão RAL e Personalizados.

Maior Planta de Capacidade e a mais avançada Tecnologia da América Latina.

DISTRIBUIÇÃO

Atendimento para todo o Brasil

- Perfis de Alumínio e materiais construtivos;
- 6 mil m² de armazenagem;
- Mais de 4 mil itens em estoque;
- Área de estoque a pronta entrega;
- Operação logística e eficaz;
- Opção de perfis in natura, pintados ou anodizados;
- Todas as linhas abertas e convencionais;
- Acessórios e componentes.

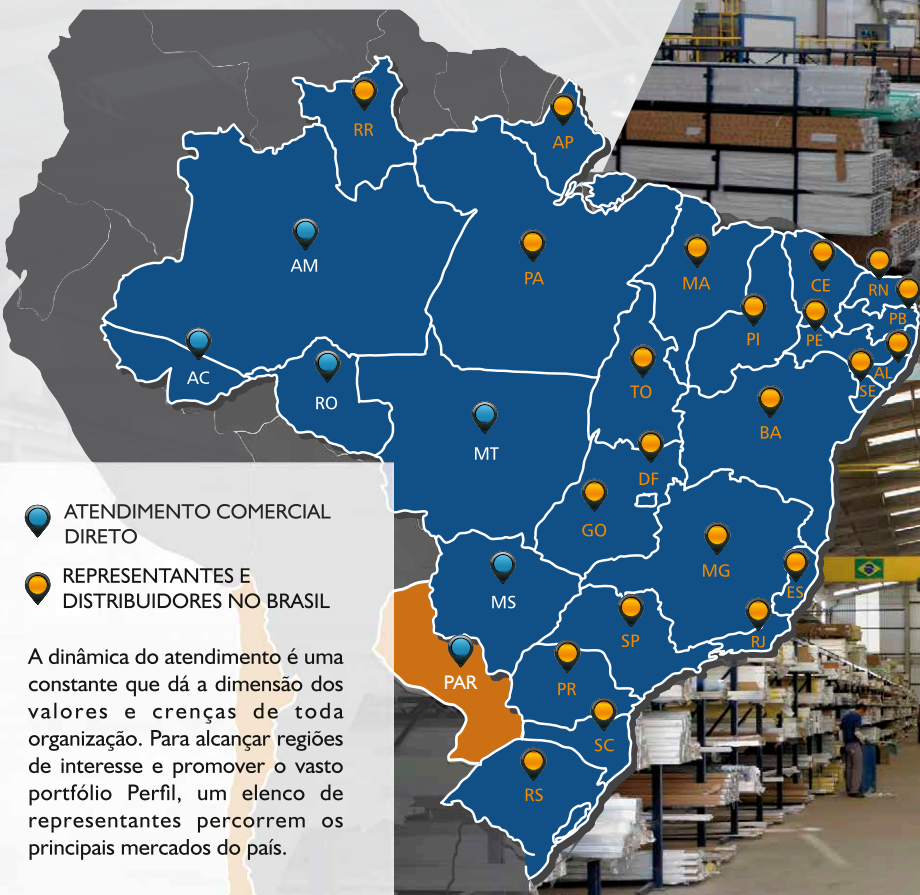
Atendimento Completo

ATENDIMENTO

Estoque à Pronto Entrega

PLANEJAMENTO E LOGÍSTICA
PARA UM COMPLETO ATENDIMENTO

ATENDIMENTO PARA
TODO O BRASIL



ATENDIMENTO COMERCIAL DIRETO

REPRESENTANTES E DISTRIBUIDORES NO BRASIL

A dinâmica do atendimento é uma constante que dá a dimensão dos valores e crenças de toda organização. Para alcançar regiões de interesse e promover o vasto portfólio Perfil, um elenco de representantes percorrem os principais mercados do país.

- Perfis de Alumínio e materiais construtivos
- 6 mil m² de armazenagem
- Mais de 4 mil itens em estoque
- Opção de perfis in natura, pintados ou anodizados
- Todas as linhas abertas e convencionais
- Acessórios e componentes



SHOWROOM VILA VELHA

Na unidade de Vila Velha, fica o showroom com os principais sistemas e também a câmara de testes de estanqueidade à água.



Esquadria Minimalista

CTP - CENTRO DE TREINAMENTO

Além de cuidar da inteligência conceitual, a Perfil adotou uma postura de interação presencial em relação aos fabricantes de esquadrias e serralheiros. O tratamento com esse público é de incrível estima. O Centro de Distribuição em 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, a cooperação das parcerias, são formalizadas em eventos de atualização e cursos técnicos regulares.



DEPARTAMENTO TÉCNICO

O ponto forte da Perfil Alumínio é seu departamento de suporte, com toda uma estrutura de engenheiros, arquitetos, projetistas e orçamentistas, disponíveis para oferecer respostas rápidas aos clientes. Um corpo técnico capaz de dialogar em nível de igualdade com grandes construtoras e empreiteiras do país, com amplo conhecimento e total domínio de sistemas construtivos destinados a fechamento de vãos e coberturas. Tudo funciona como uma consultoria, a equipe técnica faz projetos de esquadrias, dimensiona a aplicação de componentes, ministra treinamentos e orienta especificadores de obras.



SUORTE TÉCNICO

Detalhamentos em 3D



Impressora 3D



SISTEMAS CONSTRUTIVOS EXCLUSIVOS



Atendem as normas ABNT
NBR 10.821, NBR 15.575 e NBR 14.718

Sistemas para: Caixilhos, Fachadas, Guarda-Corpos,
Energia Solar, Setor de Transportes e Moveleiro

DESEMPENHO
ACÚSTICO



DESEMPENHO DE
ESTANQUEIDADE
À AGUA



DESEMPENHO DE
PERMEABILIDADE
AO AR



DESEMPENHO
ESTRUTURAL



SISTEMISTA HOMOLOGADO NO

PSQ
Portas e Janelas de Correr de
Alumínio

Testados em:

ipt



ITEC
Instituto
Tecnológico da
Construção Civil

EMPRESA
CONCREMAT
Associação Integrada de Engenharia

Falcão Bauer
Associação Integrada de Engenharia

TESIS

EcoLine 1.6[®]

O produto da habitação social

GradLine[®]

Gradis, Guarda-corpos e Portões

EcoLine 2.5[®]

Esquadrias convencionais

ECOGRID[®]

Fachada Grid

UNION[®]

Esquadrias convencionais

EcoStick[®]

Fachada Stick

chroma[®]

Esquadrias de alto padrão

WALLFrame[®]

Fachada Unitizada

EuroSHOW[®]

Câmara Européia
Alçante

PERFIL Bond[®]

Painel de Alumínio Composto

Minimalframe[®]

Esquadria Minimalista

PERFILSOLAR

Sistemas de Estruturas de alumínio
para fixação de painel fotovoltaico

GECE

Guarda-corpo com Envidraçamento

MOVELEIRA

Perfis de alumínio para móveis

Q-railing

EASY GLASS[®] SMART

**IMPLEMENTOS
RODOVIÁRIOS**

Perfis de alumínio para transportes

PORTFÓLIO GERAL

- TABELADOS

- CONTRAMARCOS E CONEXÕES

- ARREMATES

- MÓDULOS PRÁTICO E MAX

- LINHAS 25 E 30

- VENEZIANAS

- GRADIS E PORTÕES

- LAMBRIS

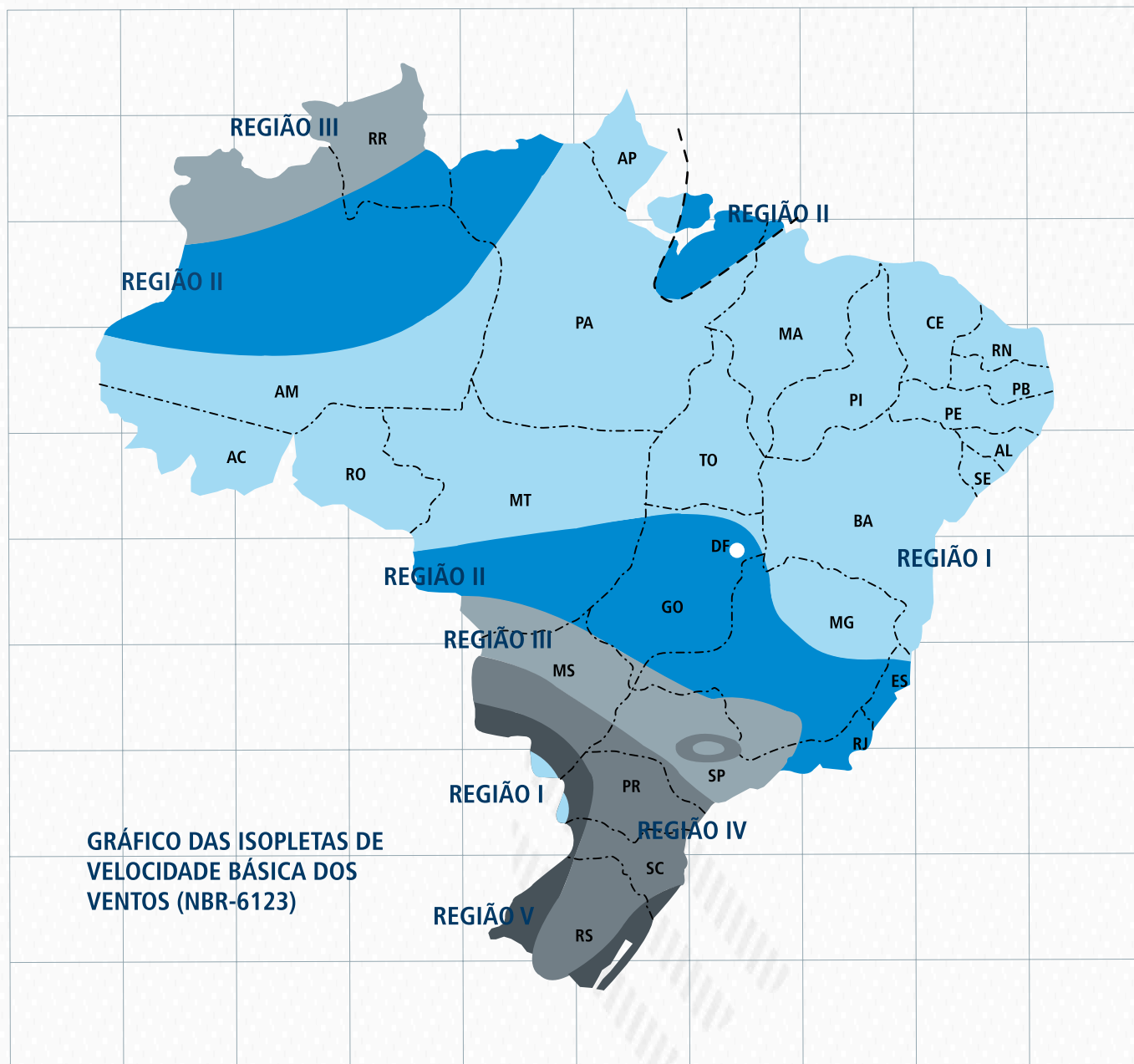
- BOX LISO E PRÁTICO

- DIVISÓRIAS

- DIVERSOS

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);

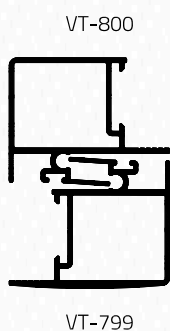
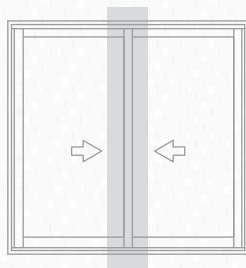
Tabela de pressão de ensaio para cargas uniformemente distribuídas					
Quantidade de pavimentos	Altura máxima	Região do País	Pressão de ensaio P_e , em (Pa) Positiva e negativa $P_e = P_p \times 1,2$	Pressão de segurança P_s , em (Pa) Positiva e negativa $P_s = P_e \times 1,5$	Pressão de água P_a , 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:

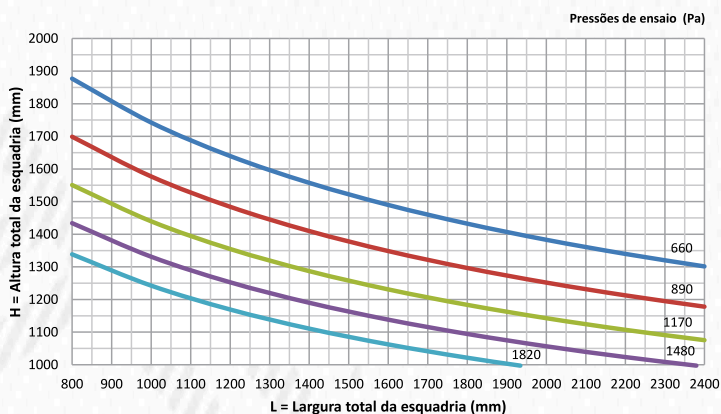
- a) Para os edifícios com especificações, localização, necessidades e exigências especiais de utilização, deve ser consultada a norma **ABNT NBR- 6123** para a determinação da "Pressão de Ensaio" (P_e) a ser adotada, prevalecendo como mínimos os valores da tabela acima. Fachadas cortinas e coberturas 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).

JANELA DE CORRER 2 FOLHAS



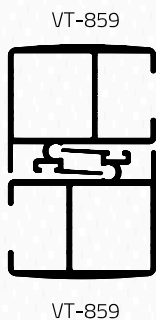
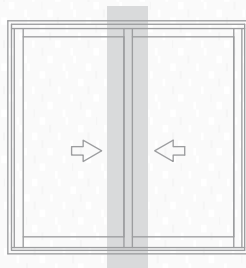
VT-800	
JX:	2,4615 cm ⁴
WX:	1,3965 cm ³

VT-799	
JX:	3,3329 cm ⁴
WX:	1,6765 cm ³



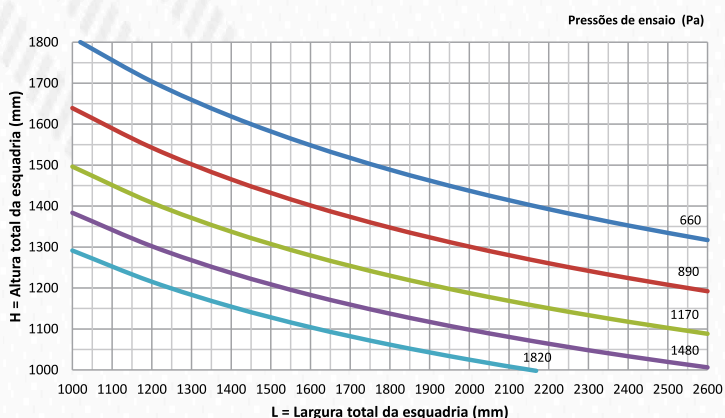
Momento de Inércia - Jx total = 5,7944 cm⁴
Módulo de Resistência - Wx total = 3,0730 cm³

JANELA DE CORRER 2 FOLHAS



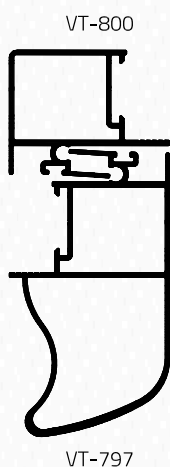
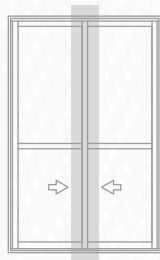
VT-859	
JX:	3,2530 cm ⁴
WX:	1,7226 cm ³

VT-859	
JX:	3,2530 cm ⁴
WX:	1,7226 cm ³



Momento de Inércia - Jx total = 6,5060 cm⁴
Módulo de Resistência - Wx total = 3,4452 cm³

PORTA DE CORRER 2 FOLHAS

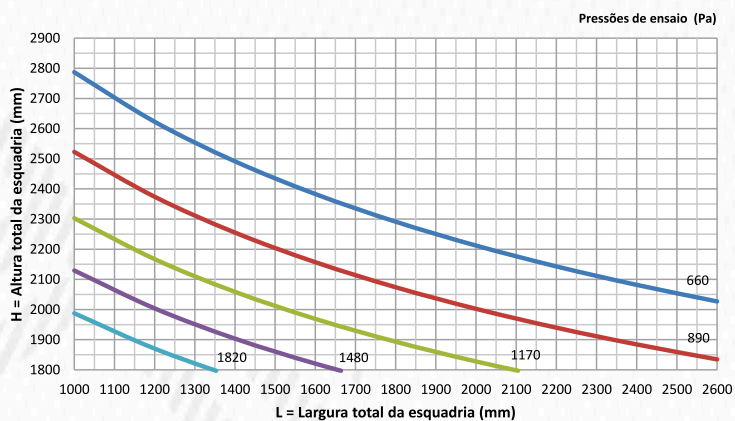


VT-800

JX:	2,4615 cm ⁴
WX:	1,3965 cm ³

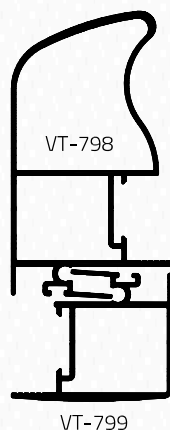
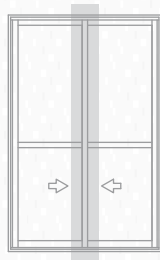
VT-797

JX:	21,2549 cm ⁴
WX:	5,4441 cm ³



Momento de Inércia - Jx total = 23,7164 cm⁴
Módulo de Resistência - Wx total = 6,8406 cm³

PORTA DE CORRER 2 FOLHAS

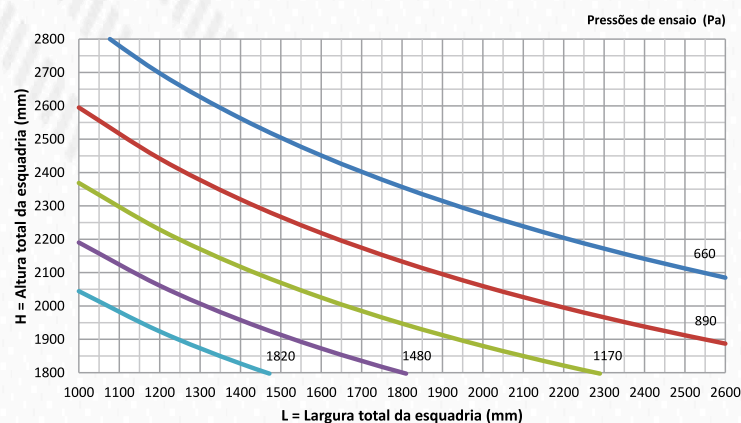


VT-798

JX:	22,4764 cm ⁴
WX:	5,5844 cm ³

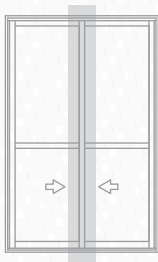
VT-799

JX:	3,3329 cm ⁴
WX:	1,6765 cm ³

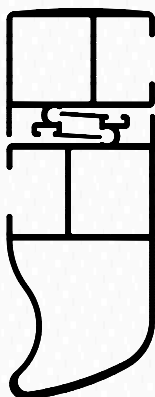


Momento de Inércia - Jx total = 25,8093 cm⁴
Módulo de Resistência - Wx total = 7,2609 cm³

PORTA DE CORRER 2 FOLHAS



VT-859



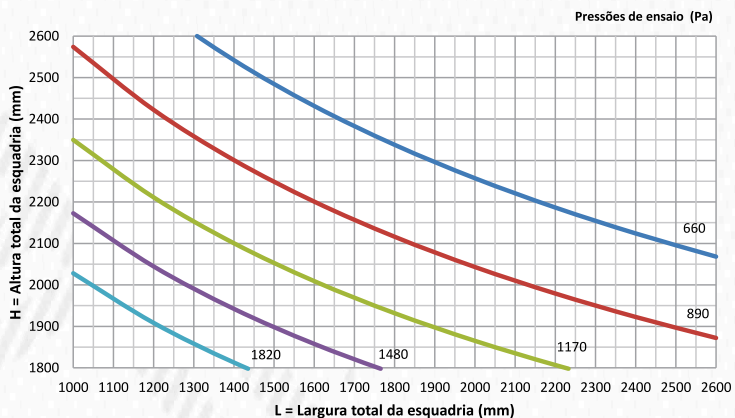
VT-861

VT-859

JX:	3,2530 cm ⁴
WX:	1,7226 cm ³

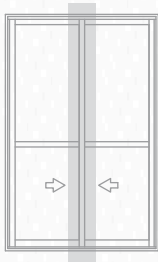
VT-861

JX:	21,9407 cm ⁴
WX:	5,5065 cm ³

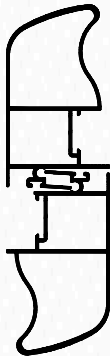


Momento de Inércia - Jx total = 25,1937 cm⁴
Módulo de Resistência - Wx total = 7,2291 cm³

PORTA DE CORRER 2 FOLHAS



VT-798



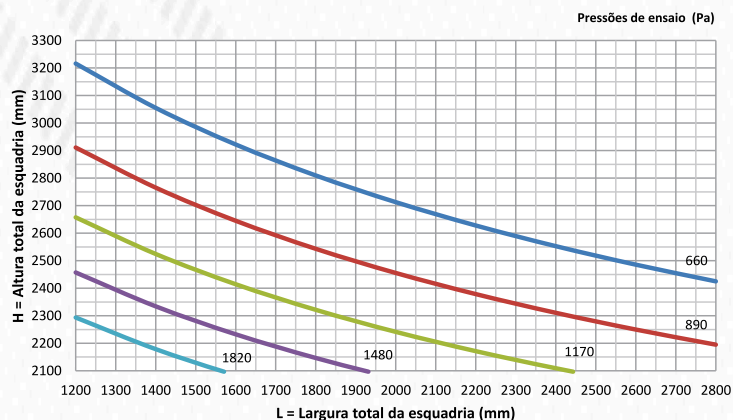
VT-797

VT-798

JX:	22,4764 cm ⁴
WX:	5,5844 cm ³

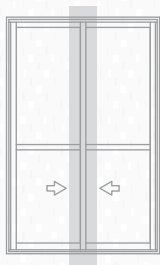
VT-797

JX:	21,2549 cm ⁴
WX:	5,4441 cm ³



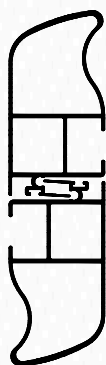
Momento de Inércia - Jx total = 43,7313 cm⁴
Módulo de Resistência - Wx total = 11,0285 cm³

PORTA DE CORRER 2 FOLHAS



VT-861

VT-861



VT-861

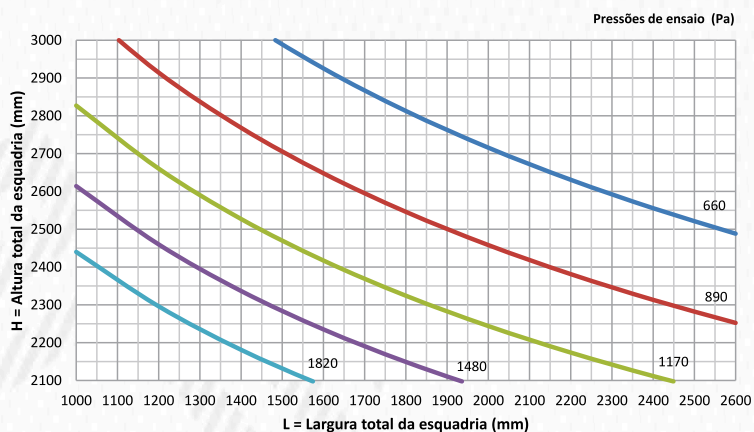
JX: 21,9407 cm⁴

WX: 5,5065 cm³

VT-861

JX: 21,9407 cm⁴

WX: 5,5065 cm³



Momento de Inércia - Jx total = 43,8814 cm⁴
Módulo de Resistência - Wx total = 11,0130 cm³

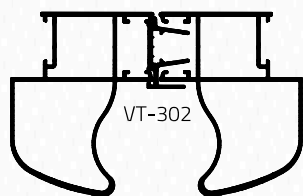
PORTA DE CORRER 4 FOLHAS



VT-844

VT-302

VT-844



VT-844

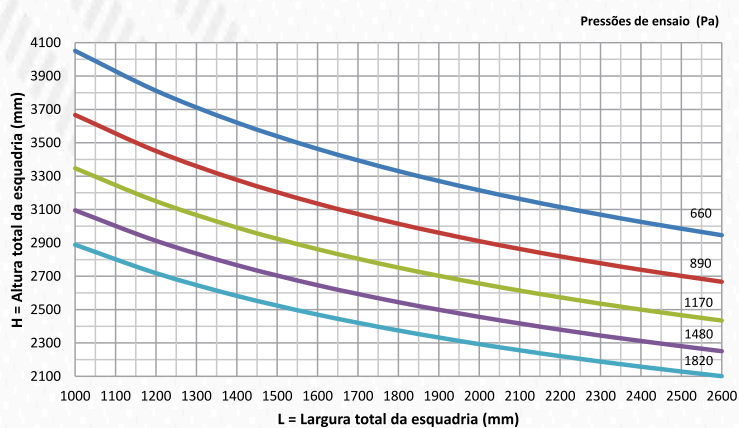
JX: 18,2052 cm⁴

WX: 4,8712 cm³

VT-302

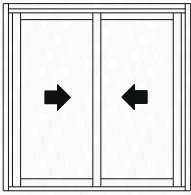
JX: 0,6652 cm⁴

WX: 0,4678 cm³

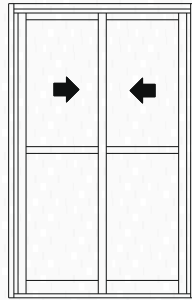


Momento de Inércia - Jx total = 36,4104 cm⁴
Módulo de Resistência - Wx total = 9,7424 cm³

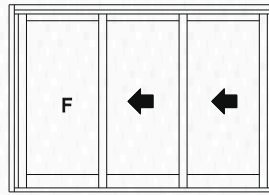
JANELA DE CORRER
2 FOLHAS



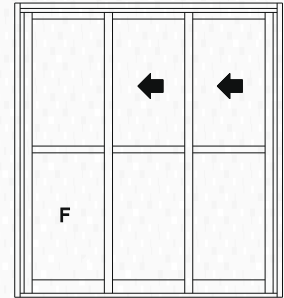
PORTA DE CORRER
2 FOLHAS



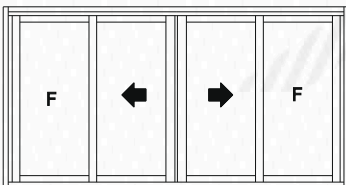
JANELA DE CORRER
3 FOLHAS



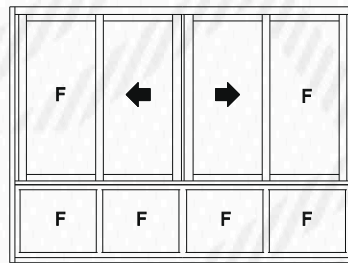
PORTA DE CORRER
3 FOLHAS



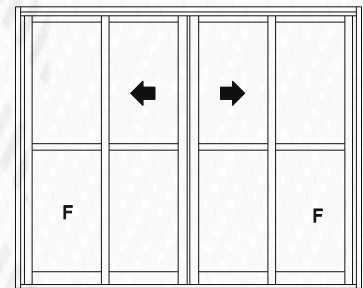
JANELA DE CORRER
4 FOLHAS



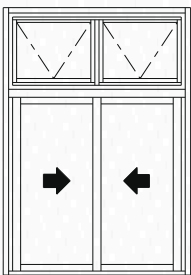
JANELA DE CORRER
4 FOLHAS COM PEITORIL FIXO



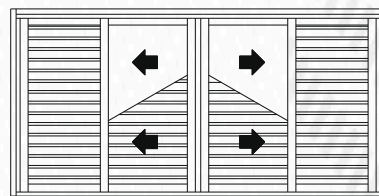
PORTA DE CORRER
4 FOLHAS



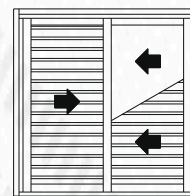
JANELA DE CORRER
2 FOLHAS COM
BANDEIRA MÓVEL



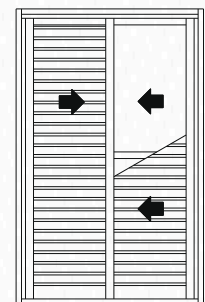
JANELA DE CORRER
6 FOLHAS VENEZIANA



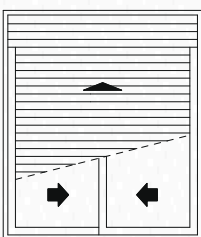
JANELA DE CORRER
3 FOLHAS VENEZIANA



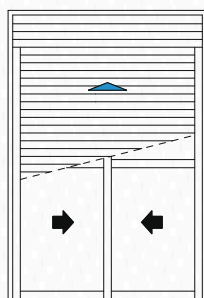
PORTA DE CORRER
3 FOLHAS VENEZIANA



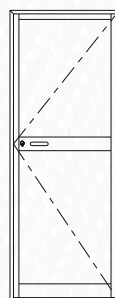
JANELA DE CORRER
2 FOLHAS COM PERSIANA



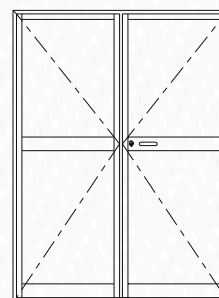
PORTA DE CORRER
2 FOLHAS COM PERSIANA



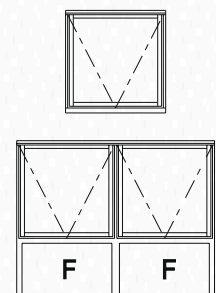
PORTA DE GIRO
1 FOLHA



PORTA DE GIRO
2 FOLHAS



JANELAS MAXIM-ARES



ÍNDICE DE PERFIS

CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
25-548	Mata Junta		0,290	56
CL-006	Conexão		1,100	25
CL-011	Cunha		0,333	25
CM-060	Contramarco		0,283	25
CM-174	Contramarco		0,417	25
CM-175	Chumbador		0,620	26
CM-200	Contramarco		0,200	25
CM-210	Contramarco		0,246	25
CM-211	Contramarco		0,475	25
ECO-347	Arremate		0,145	56
ECO-708	Eixo Octogonal - 40 mm		0,537	42
ECO-749	Tampa Externa da Persiana	Unnion - A (Parafusado) 140	0,510	35
ECO-754	Mata-Junta para Cremona		0,348	50
ECO-775	Montante Lateral para Guiagem Persiana	Unnion - A (Parafusado)	0,620	42
ECO-776	Terminal da Persiana		0,273	42
ECO-785	Marco Inferior Persiana	140	0,842	37
ECO-786	Marco Superior Persiana	Unnion - A (Parafusado) 140	1,292	34
ECO-788	Marco Lateral Persiana	140	0,625	40
ECO-789	Arremate Lateral de Recolhedor	Unnion - A (Parafusado) 140	1,045	41
ECO-791	Tampa Interna da Persiana	Unnion - A (Parafusado) 140	0,900	36
ECO-806	Eixo Octogonal - 60mm		0,808	42
ECO-813	Tampa Interna da Persiana	Ecoline 2.5 - B (Click)	1,798	37
ECO-814	Tampa Interna da Persiana	Ecoline 2.5 - B (Click)	1,018	37
GTS-001	Marco Superior 2 Planos		0,832	62
GTS-002	Marco Inferior 2 Planos		1,147	62
GTS-003	Marco Lateral 2 Planos		0,452	62
GTS-004	Travessa Superior Inferior		0,447	62
GTS-005	Montante Lateral		0,448	62
GTS-006	Montante Central Externo com Engate		0,543	63
GTS-007	Montante Central Interno com Engate		0,548	63
GTS-008	Montante Central Externo com Engate e Reforço		0,968	63
GTS-009	Montante Central Interno com Engate e Reforço		0,963	63
GTS-010	Montante Lateral Cremona		0,547	63

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CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
GTS-012	Montante Lateral com Reforço		0,687	63
GTS-013	Mata Junta		0,273	62
ME-014	Arremate para Piso		0,235	26
MP-347	Arremate		0,200	26
MP-348	Arremate		0,213	26
MP-349	Arremate		0,308	26
PV-001	Marco Superior 2 Planos		0,706	29
PV-002	Marco Inferior 2 Planos		0,615	29
PV-003	Marco Lateral 2 Planos		0,500	30
PV-004	Marco Inferior 2 Planos		0,683	29
TQ-055	Tube Quadrado	Sob Consulta	0,300	57
US-001	Veneziana Ventilada		0,338	57
US-050	Veneziana Ventilada		0,295	57
VT-001	Marco Superior 2 Planos		0,767	27
VT-002	Marco Inferior 2 Planos		0,717	27
VT-003	Marco Lateral 2 Planos		0,468	30
VT-004	Marco Superior (Band.) e Inferior (Peit.)		0,500	28
VT-005	Travessa Intermediária (Band.) 2 Planos		1,117	28
VT-006	Travessa Intermediária (Peit.) 2 Planos		1,119	29
VT-007	Marco Lateral 2 Planos		0,383	30
VT-009	Montante		0,934	30
VT-010	Marco Superior 3 Planos		1,050	31
VT-011	Marco Inferior 3 Planos	Sob Consulta	1,000	31
VT-012	Marco Lateral 3 Planos		0,556	32
VT-013	Marco Lateral 3 Planos	Sob Consulta	0,783	32
VT-014	Marco Lateral 3 Planos	Sob Consulta	0,683	32
VT-017	Trilho Individual	Sob Consulta	0,233	33
VT-018	Marco Superior (Band.) e Inferior (Peit.)	Sob Consulta	0,667	31
VT-019	Travessa Intermediária (Band.) 3 Planos	Sob Consulta	1,783	32
VT-021	Marco Inferior 2 Planos	Sob Consulta	0,700	27
VT-036	Marco Macho e Fêmea	Sob Consulta	0,467	30
VT-039	Montante Lateral / Central		0,533	43
VT-040	Montante Central com Engate		0,483	44

ÍNDICE DE PERFIS

CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
VT-041	Montante Central com Engate		0,517	44
VT-042	Montante Central com Engate Duplo	Sob Consulta	0,567	46
VT-044	Montante Lateral / Central com Reforço		1,000	43
VT-047	Montante Central com Engate e Reforço		1,071	44
VT-049	Montante Central com Engate e Reforço		1,050	44
VT-053	Travessa Superior / Inferior		0,517	43
VT-055	Montante Lateral / Central		0,550	47
VT-056	Montante Central com Engate		0,557	48
VT-057	Montante Central com Engate Duplo	Sob Consulta	0,633	49
VT-060	Montante Lateral / Central com Reforço		0,992	47
VT-061	Montante Central com Engate e Reforço		1,095	49
VT-068	Montante Lateral / Central	Sob Consulta	0,550	49
VT-069	Montante Central com Engate Duplo	Sob Consulta	0,583	50
VT-070	Montante Central com Engate	Sob Consulta	0,533	50
VT-079	Marco Maxim-Ar		0,350	53
VT-080	Travessa Superior da Folha		0,367	53
VT-081	Montante e Travessa Inferior da Folha		0,417	54
VT-082	Travessa da Folha		0,383	53
VT-083	Pingadeira		0,150	52
VT-084	Pingadeira		0,133	54
VT-085	Travessa	Sob Consulta	0,500	52
VT-086	Coluna com Olhal		0,600	52
VT-088	Marco Fixo		0,317	53
VT-090	Montante e Travessa Inferior da Folha		0,438	54
VT-091	Travessa Superior da Folha		0,400	54
VT-102	Baguete		0,117	55
VT-1028	Baguete		0,108	55
VT-103	Baguete		0,162	55
VT-1039	Montante Lateral / Central		0,545	51
VT-1053	Travessa Superior / Inferior		0,592	51
VT-107	Vedação Montante	Sob Consulta	0,283	52
VT-1070	Veda Montante		0,240	52
VT-1071	Veda Montante		0,328	52

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CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
VT-108	Complemento Veneziana	Sob Consulta	0,150	50
VT-110	Travessa da Folha		0,549	56
VT-111	Montante e Travessa da Folha		0,659	56
VT-1302	Mata Junta		0,352	51
VT-1859	Montante Central com Engate		0,583	51
VT-186	Travessa Superior / Inferior		0,510	47
VT-187	Travessa Superior / Inferior	Sob Consulta	0,517	49
VT-188	Travessa Intermediária		0,603	47
VT-189	Baguete		0,115	55
VT-190	Baguete		0,147	55
VT-1900	Marco Superior Persiana	Ecoline 2.5 - B (Click) 190	1,682	35
VT-1901	Travessa Intermediária Persiana	Ecoline 2.5 - B (Click) 190	1,690	39
VT-1902	Marco Inferior Persiana	Ecoline 2.5 - B (Click) 190	1,285	38
VT-1903	Marco Lateral Persiana	Ecoline 2.5 - B (Click) 190	1,165	40
VT-1904	Arremate Lateral de Recolhedor	Ecoline 2.5 - B (Click) 190	1,762	41
VT-200	Montante e Travessa Inferior da Folha		0,450	54
VT-225	Travessa Inferior da Porta		1,000	43
VT-225A	Travessa Inferior da Porta		0,662	43
VT-226	Travessa Inferior da Porta		1,039	47
VT-227	Travessa Intermediária		0,550	43
VT-228	Marco Inferior 2 Planos	Sob Consulta	0,700	27
VT-230	Marco Inferior 3 Planos		1,000	31
VT-242	Montante Central com Engate	Sob Consulta	0,743	46
VT-243	Montante Central com Engate	Sob Consulta	0,833	46
VT-245	Montante Lateral / Central	Sob Consulta	0,688	46
VT-250	Montante Lateral / Central com Reforço		0,736	44
VT-260	Marco Inferior 2 Planos		0,708	27
VT-260A	Marco Inferior 2 Planos		0,633	28
VT-279	Marco Porta de Giro		0,580	56
VT-280	Montante Lateral / Central	Sob Consulta	1,008	46
VT-292	Inversor para Baguete	Sob Consulta	0,206	53
VT-302	Mata Junta		0,283	30
VT-379	Marco Maxim-Ar		0,365	53

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CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
VT-479	Marco Porta de Giro		0,620	56
VT-7390	Travessa Intermediária (Peit.) 2 Planos		1,700	29
VT-792	Marco Inferior 2 Planos		0,716	28
VT-793	Travessa Intermediária (Peit.) 2 Planos		1,220	29
VT-794	Marco Inferior 3 Planos		0,985	31
VT-795	Marco Inferior 3 Planos		1,056	31
VT-796	Marco Inferior 2 Planos		0,798	28
VT-797	Montante Central com Engate e Reforço		0,996	45
VT-798	Montante Central com Engate e Reforço		1,030	45
VT-799	Montante Central com Engate		0,620	45
VT-800	Montante Central com Engate		0,553	45
VT-801	Marco Superior 4 Planos		1,416	33
VT-802	Marco Inferior 4 Planos		1,318	33
VT-803	Marco Lateral 4 Planos		0,721	33
VT-804	Tampa Interna da Persiana Janela	Ecoline 2.5 - B (Click)	0,918	36
VT-805	Marco Inferior Persiana	Ecoline 2.5 - B (Click) 120	1,130	38
VT-806	Travessa Superior Folha		0,417	54
VT-807	Montante Lateral Cremona		0,675	50
VT-808	Montante Central com Engate Duplo		0,712	49
VT-809	Trilho janela quadruplo com nylon		1,418	33
VT-810	Trilho porta quadruplo com nylon		1,264	33
VT-842	Montante Lateral para Guiagem Persiana	Ecoline 2.5 - B (Click)	0,590	42
VT-843	Travessa Intermediária (Peit.) 2 Planos		1,035	28
VT-844	Montante Lateral / Central com Reforço		1,032	44
VT-845	Montante Lateral / Central com Reforço		0,940	47
VT-846	Montante Lateral / Central com Reforço		1,091	48
VT-847	Montante Central com Engate e Reforço		1,035	45
VT-848	Montante Central para Guiagem Persiana	Ecoline 2.5 - B (Click)	1,008	42
VT-849	Montante Central com Engate e Reforço		1,028	45
VT-850	Montante com Mata Junta		1,100	48
VT-851	Marco Lateral da Persiana	Ecoline 2.5 - B (Click) 120	0,461	40
VT-852	Arremate Lateral do Recolhedor	Ecoline 2.5 - B (Click) 120	0,976	41
VT-853	Travessa Intermediária Persiana	Ecoline 2.5 - B (Click) 120	1,091	38

ÍNDICE DE PERFIS

CÓDIGO	DESCRIÇÃO	OBSERVAÇÃO	PESO	PÁGINA
VT-854	Tampa Interna da Persiana Porta	Ecoline 2.5 - B (Click)	1,685	36
VT-856	Tampa Externa da Persiana Porta	Ecoline 2.5 - B (Click)	0,930	35
VT-857	Tampa Externa da Persiana Janela	Ecoline 2.5 - B (Click)	0,510	35
VT-858	Marco Superior Persiana	Ecoline 2.5 - B (Click) 120	1,054	34
VT-859	Montante Central com Engate		0,631	48
VT-860	Marco Inferior Persiana	Ecoline 2.5 - B (Click) 120	0,653	37
VT-861	Montante Central com Engate e Reforço		1,038	49
VT-862	Travessa Intermediária Persiana	Unnion - A (Parafusado) 140	1,372	38
VT-863	Marco Inferior Persiana	Unnion - A (Parafusado) 140	1,262	39
VT-865	Travessa Intermediária (Peit.) 3 Planos		1,998	32
VT-897	Montante Lateral / Central com Reforço		1,087	48
VT-898	Marco Inferior 2 Planos		0,745	27
VT-899	Montante Lateral / Central com Reforço		0,857	48
VT-900	Montante e Travessa Inferior da Folha		0,494	54
VT-905	Marco Inferior Persiana 3 Planos	Ecoline 2.5 - B (Click) 140	1,225	39
VT-952	Arremate Lateral de Recolhedor	Ecoline 2.5 - B (Click) 140	1,110	41
VT-953	Travessa Intermediária Persiana	Ecoline 2.5 - B (Click) 140	1,443	38
VT-956	Marco Superior Persiana	Ecoline 2.5 - B (Click) 140	1,167	34
VZ-001	Veneziana		0,338	57
VZ-050	Veneziana		0,295	57
Y-721	Contramarco		0,217	25

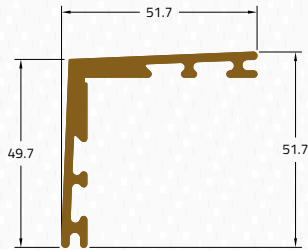
CL-006

1.100 Kg/m

Conexão

ESCALA 1:2

Encaixe: CL-011



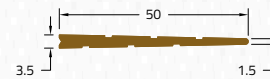
CL-011

0.333 Kg/m

Cunha

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Encaixe: CL-006

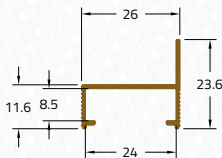


CM-200

0.200 Kg/m

Contramarco

ESCALA 1:2

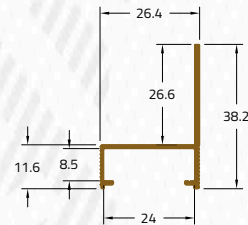


CM-210

0.246 Kg/m

Contramarco

ESCALA 1:2

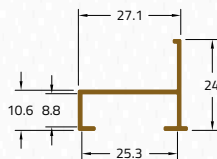


Y-721

0.217 Kg/m

Contramarco

ESCALA 1:2

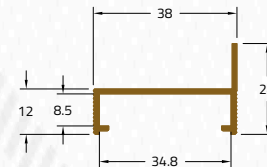


CM-060

0.283 Kg/m

Contramarco

ESCALA 1:2

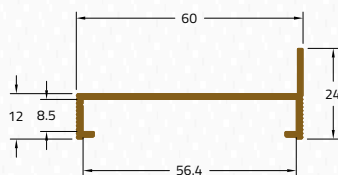


CM-174

0.417 Kg/m

Contramarco

ESCALA 1:2

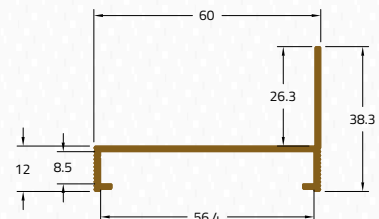


CM-211

0.475 Kg/m

Contramarco

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

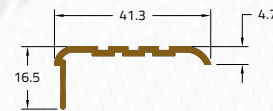


ME-014

Arremate para Piso

0.235 Kg/m

ESCALA 1:2



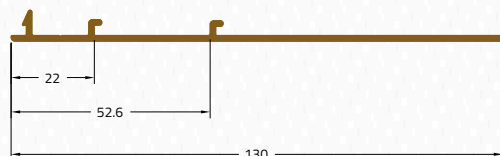
CM-175

Chumbador

0.620 Kg/m

ESCALA 1:2

Fornecido em barra



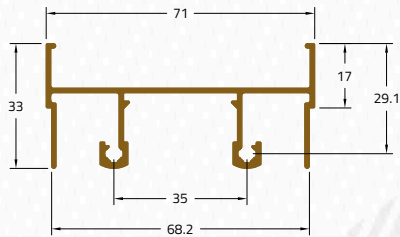
VT-001

**Marco Superior
2 Planos**

0.767 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



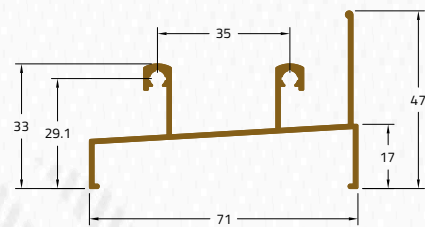
VT-002

**Marco Inferior
2 Planos**

0.717 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



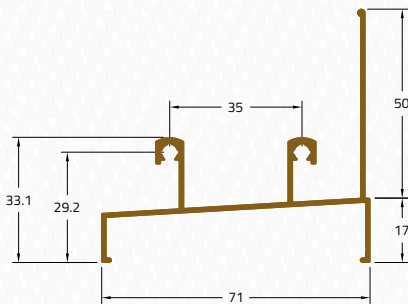
VT-898

**Marco Inferior
2 Planos**

0.745 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



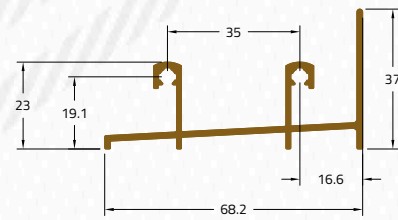
VT-228

**Marco Inferior
2 Planos**

0.700 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



FERRAMENTA
SOB CONSULTA

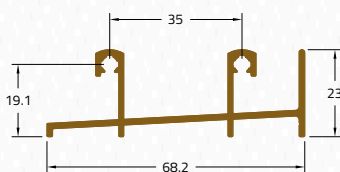
VT-260

**Marco Inferior
2 Planos**

0.708 Kg/m

ESCALA 1:2

Encaixe VT-003/VT-007/VT-036



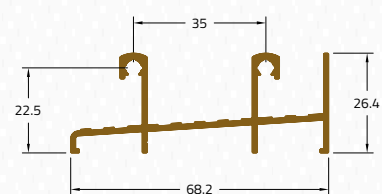
VT-021

**Marco Inferior
2 Planos**

0.700 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



FERRAMENTA
SOB CONSULTA

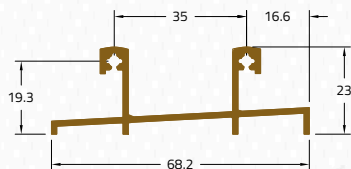
VT-260A

0.633 Kg/m

**Marco Inferior
2 Planos**

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



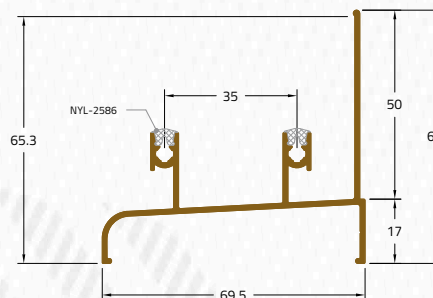
VT-796

0.798 Kg/m

**Marco Inferior
2 Planos**

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



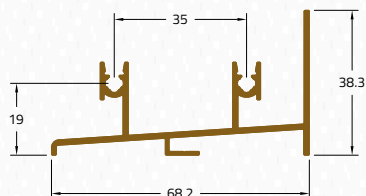
VT-792

0.716 Kg/m

**Marco Inferior
2 Planos**

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-036



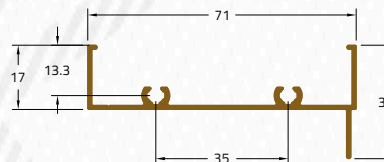
VT-004

0.500 Kg/m

**Marco Superior (Bandeira)
e Inferior (Peitoril)**

ESCALA 1:2

Encaixe: VT-007



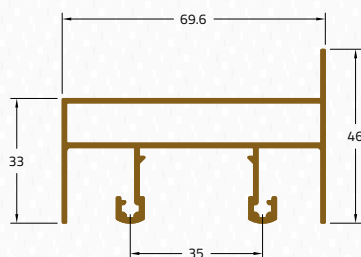
VT-005

1.117 Kg/m

**Travessa Intermediária
para Bandeira 2 Planos**

ESCALA 1:2

Encaixe: VT-007

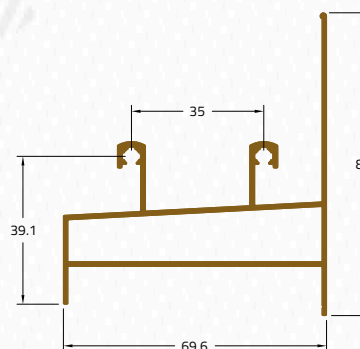


VT-843

1.035 Kg/m

**Travessa Intermediária
para Peitoril 2 Planos**

ESCALA 1:2

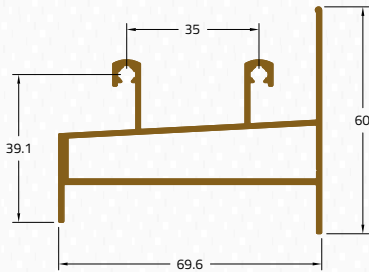


VT-006

**Travessa Intermediária
para Peitoril 2 Planos**

1.119 Kg/m

ESCALA 1:2

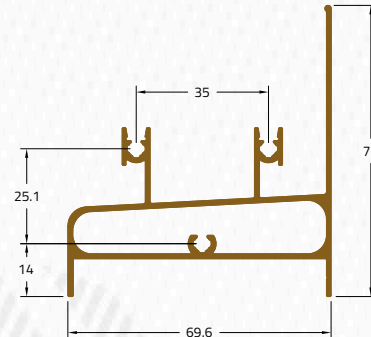


VT-793

**Travessa Intermediária
para Peitoril 2 Planos**

1.220 Kg/m

ESCALA 1:2

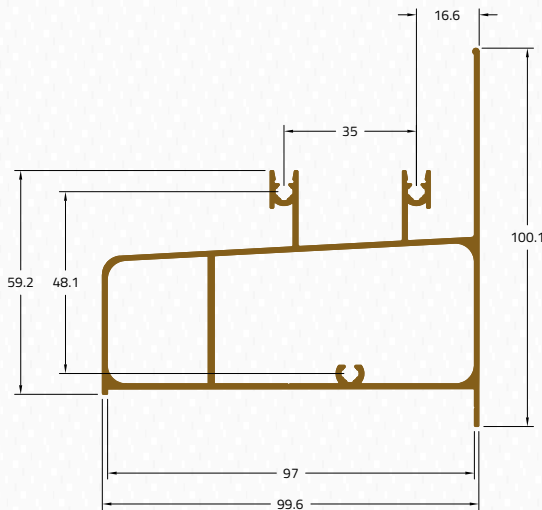


VT-7390

**Travessa Intermediária
para Peitoril 2 Planos**

1.700 Kg/m

ESCALA 1:2



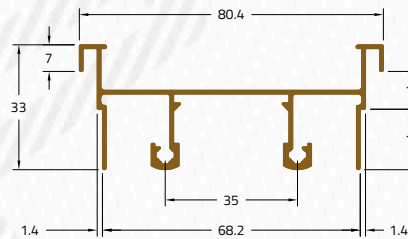
PV-001

**Marco Superior
2 Planos**

0.706 Kg/m

ESCALA 1:2

Encaixe: PV-003



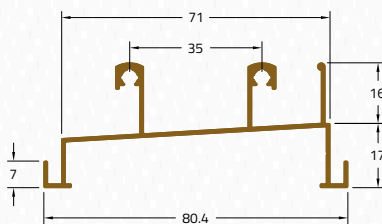
PV-002

**Marco Inferior
2 Planos**

0.615 Kg/m

ESCALA 1:2

Encaixe: PV-003



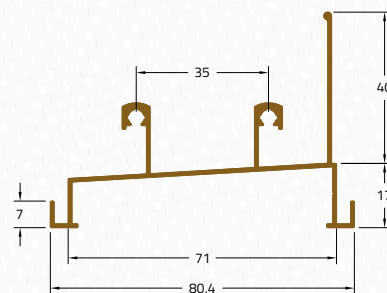
PV-004

**Marco Inferior
2 Planos**

0.683 Kg/m

ESCALA 1:2

Encaixe: PV-003

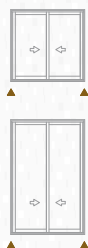
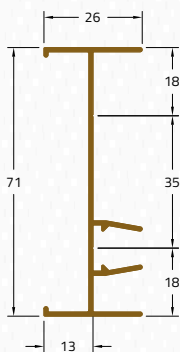


VT-003
0.468 Kg/m

**Marco Lateral
2 Planos**

ESCALA 1:2

Encaixe: VT-001/VT-002/VT-898/VT-228/
VT-260/VT-021/VT-260A/VT-796/VT-792

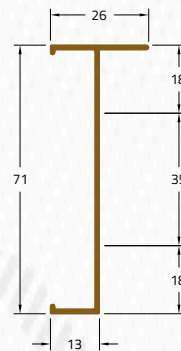


VT-007
0.383 Kg/m

**Marco Lateral
2 Planos**

ESCALA 1:2

Encaixe: VT-001/VT-002/VT-898/VT-228/
VT-260/VT-021/VT-260A/VT-796/VT-792

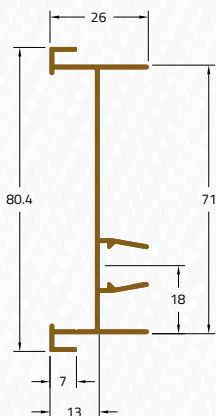


PV-003
0.500 Kg/m

**Marco Lateral
2 Planos**

ESCALA 1:2

Encaixe: PV-001/PV002

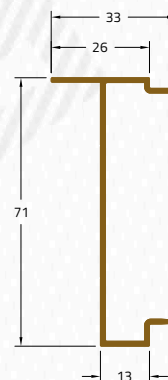


VT-036
0.467 Kg/m

**Marco Macho
e Fêmea**

ESCALA 1:2

Encaixe: VT-001/VT-002/VT-898/VT-228/
VT-260/VT-021/VT-260A/VT-796/VT-792



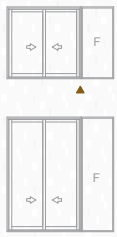
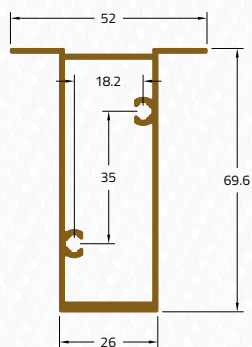
FERRAMENTA
SOB CONSULTA

VT-009
0.934 Kg/m

Montante

ESCALA 1:2

Encaixe: VT-004/VT-007/VT-036

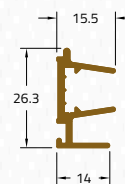


VT-302
0.283 Kg/m

Mata-Junta

ESCALA 1:2

Encaixe: VT-007/VT-036/VT-012



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

VT-010

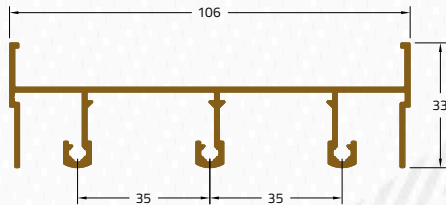
**Marco Superior
3 Planos**

1.050 Kg/m



ESCALA 1:2

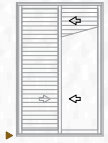
Encaixe: VT-013/VT-014/VT-012



VT-230

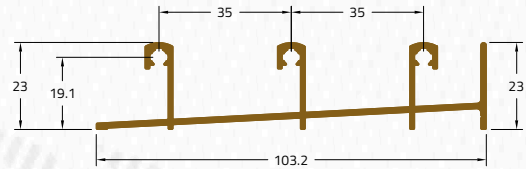
**Marco Inferior
3 Planos**

1.000 Kg/m



ESCALA 1:2

Encaixe: VT-013/VT-014/VT-012



VT-011

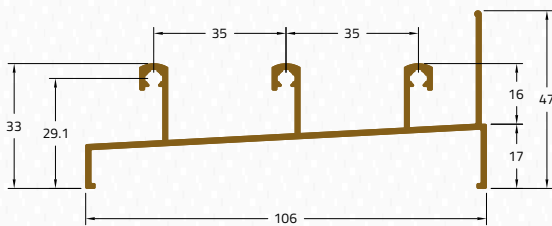
**Marco Inferior
3 Planos**

1.000 Kg/m



ESCALA 1:2

Encaixe: VT-013/VT-014/VT-012



FERRAMENTA
SOB CONSULTA

VT-795

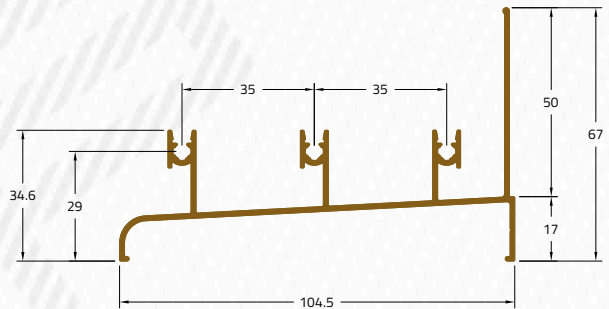
**Marco Inferior
3 Planos**

1.056 Kg/m



ESCALA 1:2

Encaixe: VT-013/VT-014/VT-012



VT-794

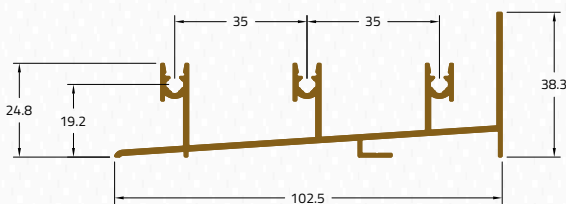
**Marco Inferior 3
Planos**

0.985 Kg/m



ESCALA 1:2

Encaixe: VT-013/VT-014/VT-012



VT-018

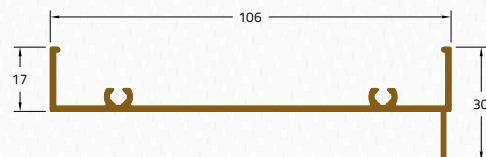
**Marco Superior (Bandeira)
e Inferior (Peitoril)**

0.667 Kg/m



ESCALA 1:2

Encaixe: VT-012



FERRAMENTA
SOB CONSULTA

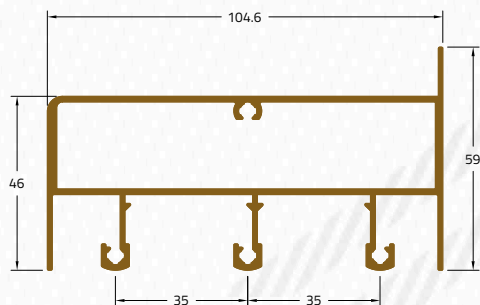
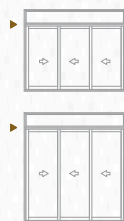
VT-019

**Travessa Intermediária
para Bandeira 3 Planos**

1.783 Kg/m

ESCALA 1:2

Encaixe: VT-012



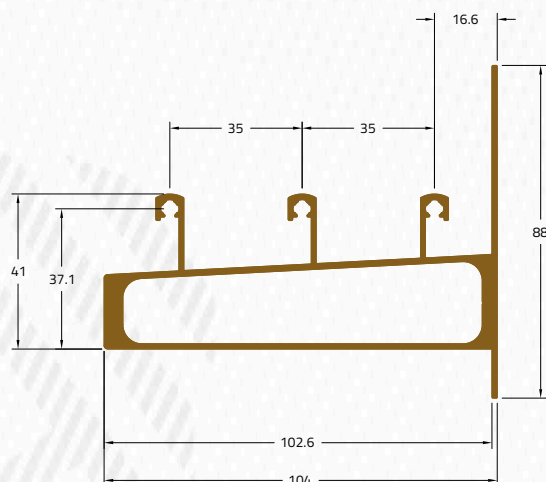
FERRAMENTA
SOB CONSULTA

VT-865

**Travessa Intermediária
para Peitoril 3 Planos**

1.998 Kg/m

ESCALA 1:2



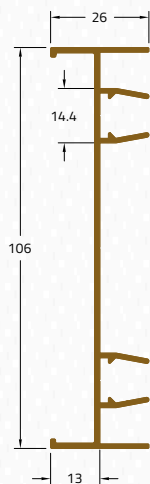
VT-013

**Marco Lateral
3 Planos**

0.783 Kg/m

ESCALA 1:2

Encaixe: VT-010/VT-230/VT-011/
VT-795/VT-794



FERRAMENTA
SOB CONSULTA

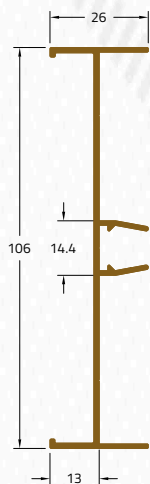
VT-014

**Marco Lateral
3 Planos**

0.683 Kg/m

ESCALA 1:2

Encaixe: VT-010/VT-230/VT-011/
VT-795/VT-794



FERRAMENTA
SOB CONSULTA

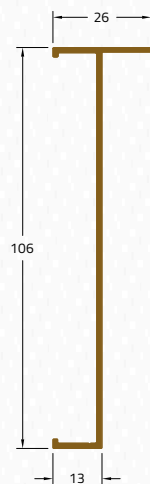
VT-012

**Marco Lateral
3 Planos**

0.556 Kg/m

ESCALA 1:2

Encaixe: VT-010/VT-230/VT-011/
VT-795/VT-794/VT-019/VT-018

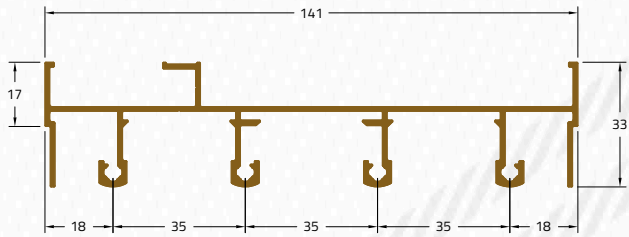


VT-801 Marco Superior
4 Planos

1.416 Kg/m

ESCALA 1:2

Encaixe: VT-803

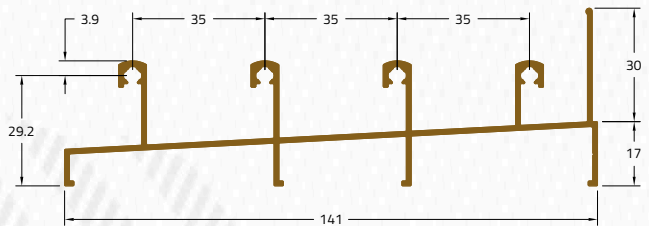


VT-802 Marco Inferior
4 Planos

1.318 Kg/m

ESCALA 1:2

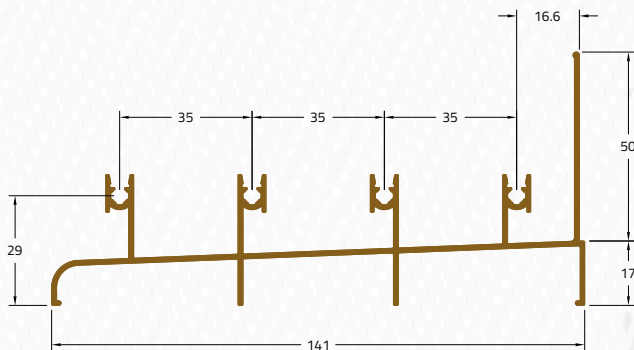
Encaixe: VT-803



VT-809 Trilho Quadruplo
com nylon

1.418 Kg/m

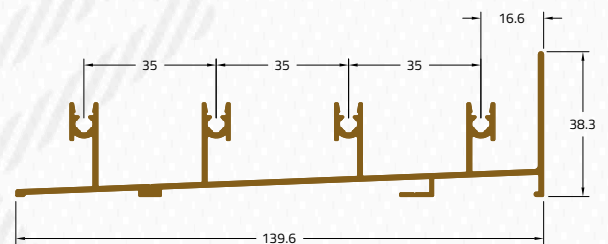
ESCALA 1:2



VT-810 Trilho Quadruplo
com nylon

1.264 Kg/m

ESCALA 1:2

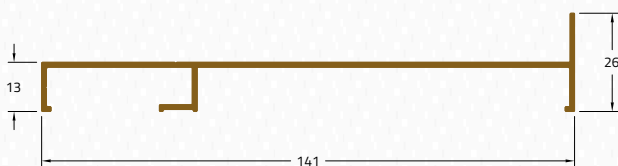


VT-803 Marco Lateral
4 Planos

0.721 Kg/m

ESCALA 1:2

Encaixe: VT-801/VT-802



VT-017 Trilho Individual

0.233 Kg/m

ESCALA 1:2

Encaixe: VT-003/VT-007/VT-012/VT-013/
VT-014



FERRAMENTA
SOB CONSULTA

VT-858 **Marco Superior Persiana**

1.054 Kg/m

ESCALA 1:2

Opção 120mm

B



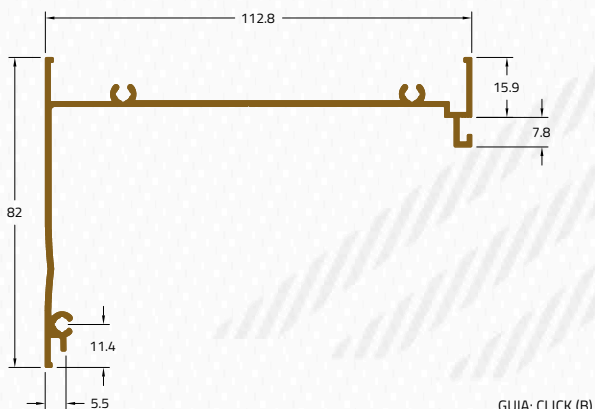
ECO-786 **Marco Superior Persiana**

1.292 Kg/m

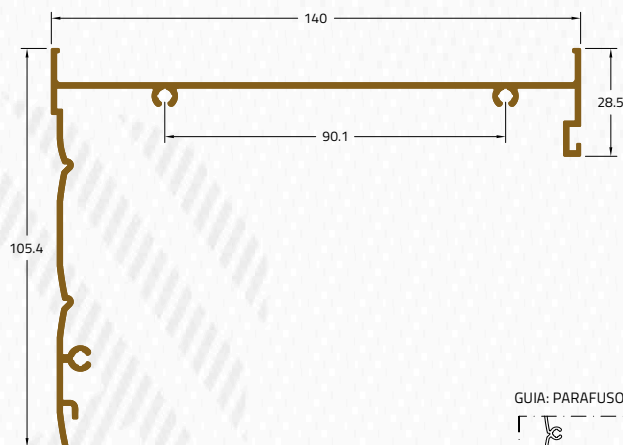
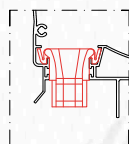
ESCALA 1:2

Opção 140mm

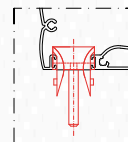
A

GUIA: CLICK (B)



GUIA: PARAFUSO (A)




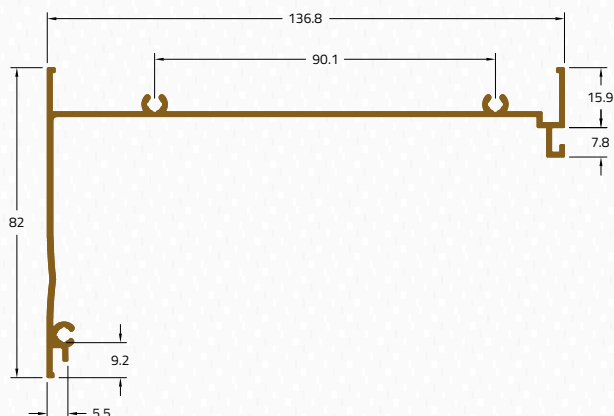
VT-956 **Marco Superior Persiana**

1.167 Kg/m

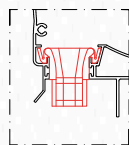
ESCALA 1:2

Opção 140mm

B

GUIA: CLICK (B)



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

VT-1900

1.682 Kg/m

Marco Superior
Persiana

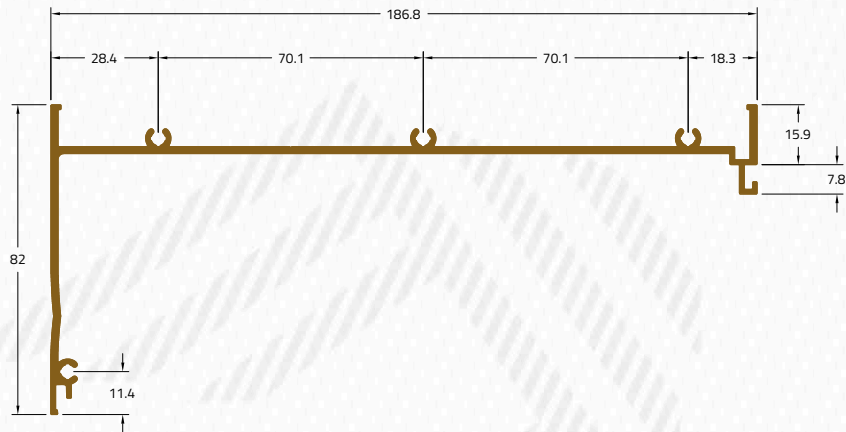
ESCALA 1:2

Opção 190mm

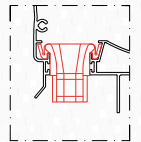
B



NOVO!



GUIA: CLICK (B)



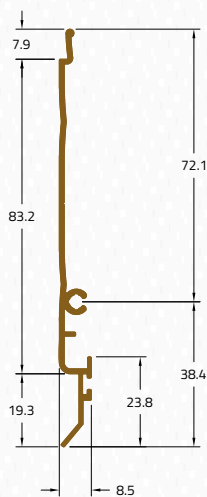
VT-857

0.510 Kg/m

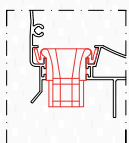
Tampa Externa
Persiana

ESCALA 1:2

B



GUIA: CLICK (B)



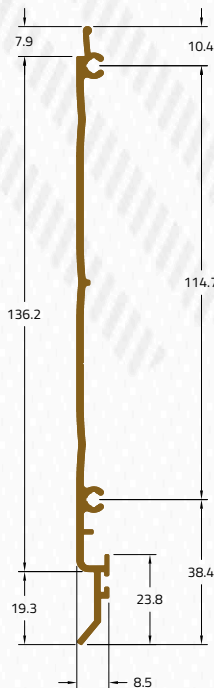
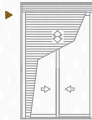
VT-856

0.930 Kg/m

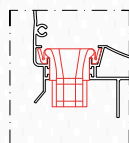
Tampa Externa
Persiana

ESCALA 1:2

B



GUIA: CLICK (B)



ECO-749

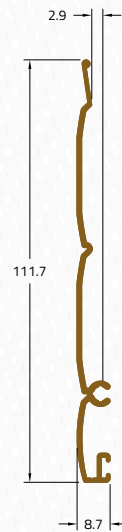
0.510 Kg/m

Tampa Externa
Persiana

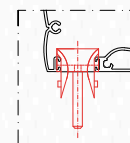
ESCALA 1:2

Opção 140mm

A



GUIA: PARAFUSO (A)

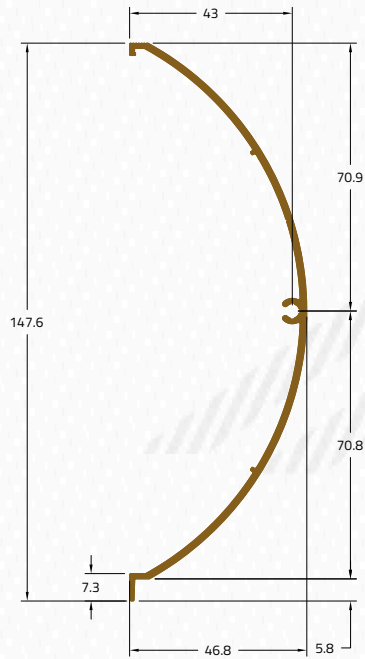


VT-804 Tampa Interna Persiana

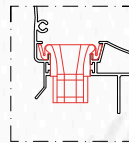
0.918 Kg/m

ESCALA 1:2

B



GUIA: CLICK (B)

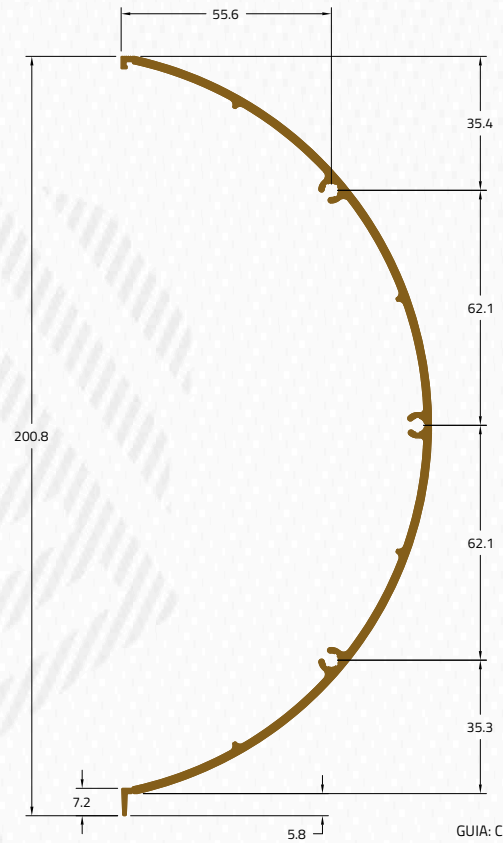


VT-854 Tampa Interna Persiana

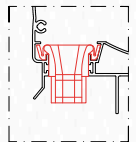
1.685 Kg/m

ESCALA 1:2

B



GUIA: CLICK (B)



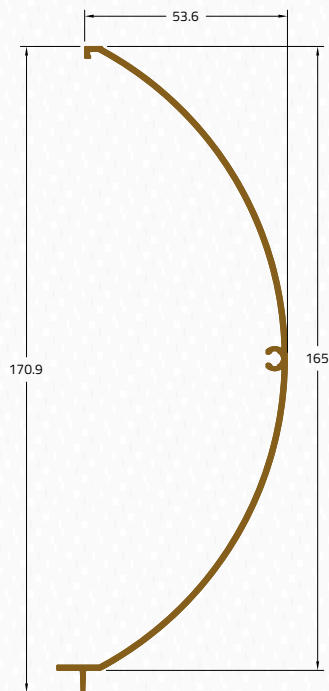
ECO-791 Tampa Interna Persiana

0.900 Kg/m

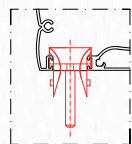
ESCALA 1:2

Opção 140mm

A



GUIA: PARAFUSO (A)



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

ECO-814

**Tampa Interna
Persiana**

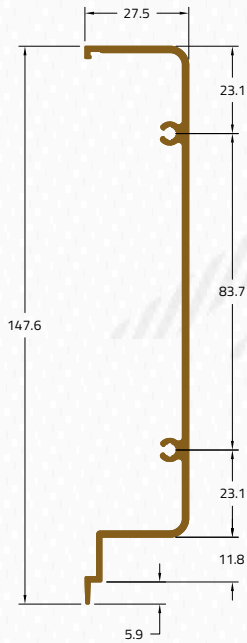
1.018 Kg/m



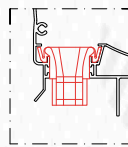
ESCALA 1:2

[B]

NOVO!



GUIA: CLICK (B)



ECO-813

**Tampa Interna
Persiana**

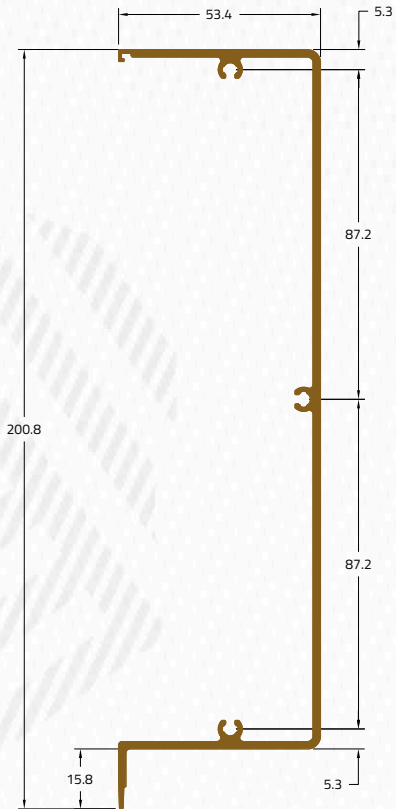
1.798 Kg/m



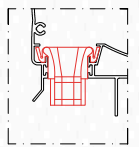
ESCALA 1:2

[B]

NOVO!



GUIA: CLICK (B)



VT-860

**Marco Inferior
Persiana**

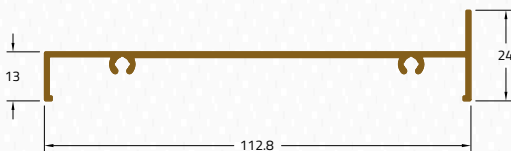
0.653 Kg/m



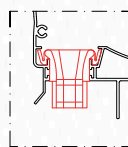
ESCALA 1:2

Opção 120mm

[B]



GUIA: CLICK (B)



ECO-785

**Marco Inferior
Persiana**

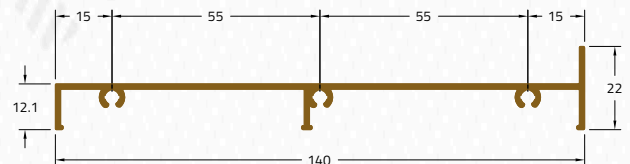
0.842 Kg/m



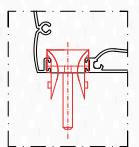
ESCALA 1:2

Opção 140mm

[A] [B]



GUIA: PARAFUSO (A)



VT-1902

**Marco Inferior
Persiana**

1.285 Kg/m

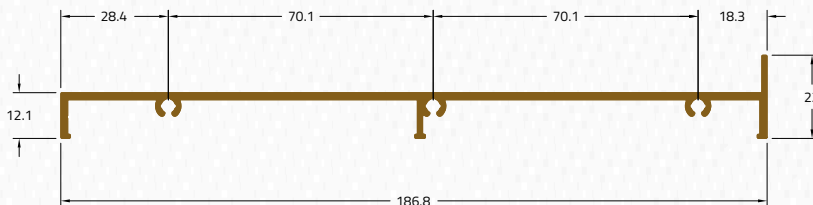
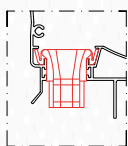
ESCALA 1:2

Opção 190mm

B



GUIA: CLICK (B)



NOVO!

VT-853

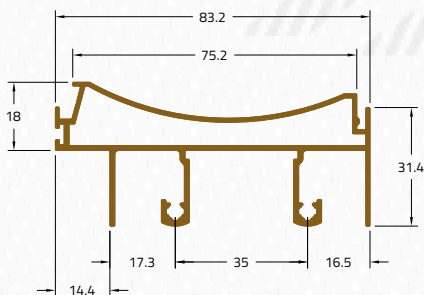
**Travessa Intermediária
Persiana**

1.091 Kg/m

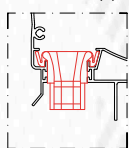
ESCALA 1:2

Opção 120mm

B



GUIA: CLICK (B)



VT-862

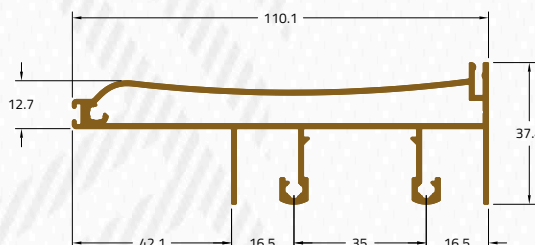
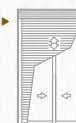
**Travessa Intermediária
Persiana**

1.372 Kg/m

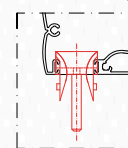
ESCALA 1:2

Opção 140mm

A



GUIA: PARAFUSO (A)



VT-953

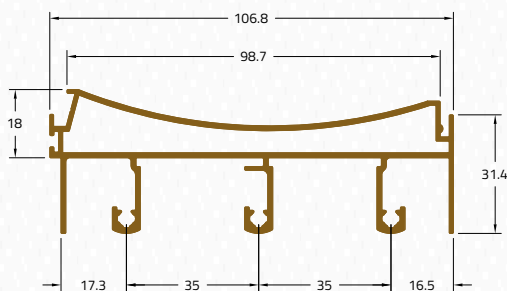
**Travessa Intermediária
Persiana**

1.443 Kg/m

ESCALA 1:2

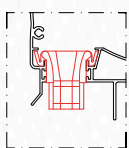
Opção 140mm

B



NOVO!

GUIA: CLICK (B)



VT-805

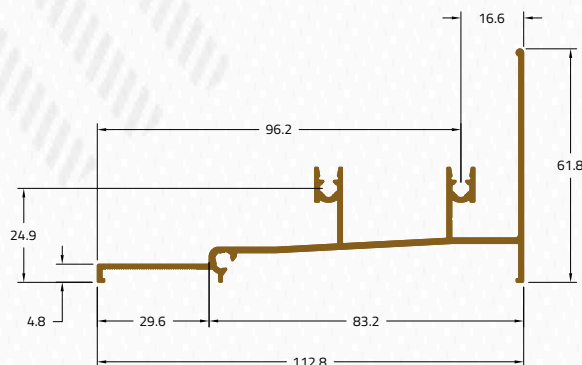
**Marco Inferior
Persiana**

1.130 Kg/m

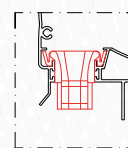
ESCALA 1:2

Opção 120mm

B



GUIA: CLICK (B)



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

VT-863

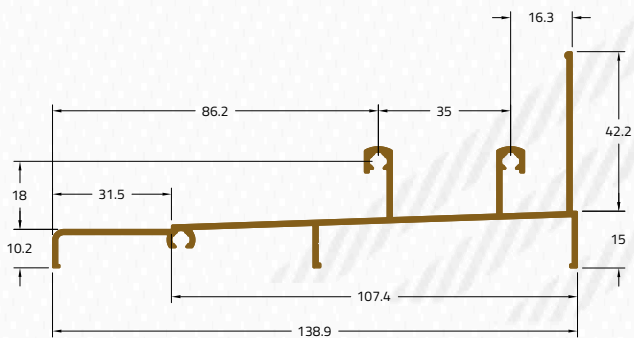
**Marco Inferior
Persiana**

1.262 Kg/m

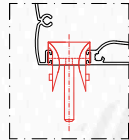
ESCALA 1:2

Opção 140mm

A



GUIA: PARAFUSO (A)



VT-905

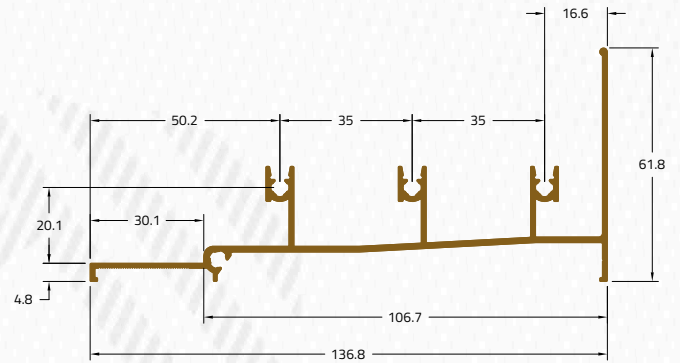
**Marco Inferior
Persiana**

1.225 Kg/m

ESCALA 1:2

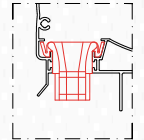
Opção 140mm

B



NOVO!

GUIA: CLICK (B)



VT-1901

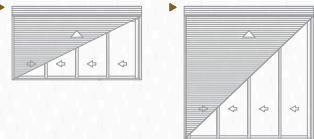
**Travessa Intermediária
Persiana**

1.690 Kg/m

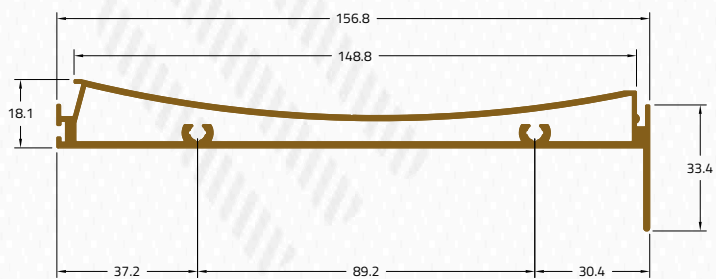
ESCALA 1:2

Opção 190mm

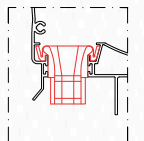
B



NOVO!



GUIA: CLICK (B)



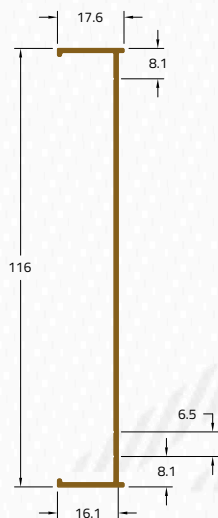
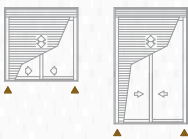
VT-851 **Marco Lateral Persiana**

0.461 Kg/m

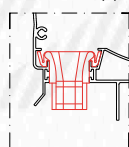
ESCALA 1:2

Opção 120mm

B



GUIA: CLICK (B)



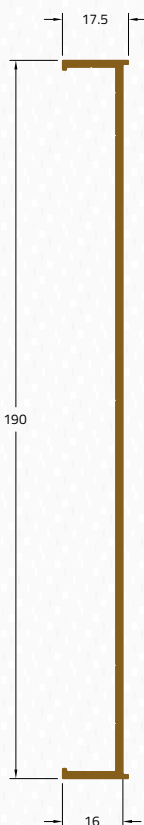
VT-1903 **Marco Lateral Persiana**

1.165 Kg/m

ESCALA 1:2

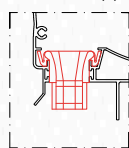
Opção 190mm

B



NOVO!

GUIA: CLICK (B)



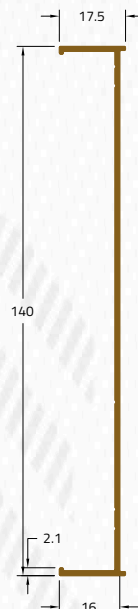
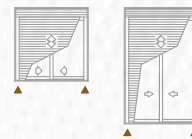
ECO-788 **Marco Lateral Persiana**

0.625 Kg/m

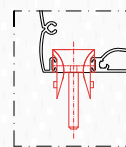
ESCALA 1:2

Opção 140mm

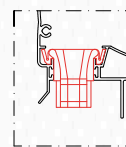
A B



GUIA: PARAFUSO (A)



GUIA: CLICK (B)



ECO-789

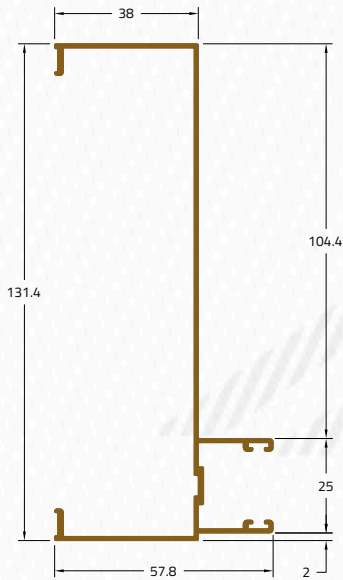
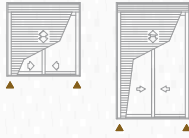
1.045 Kg/m

**Arremate Lateral
do Recolhedor**

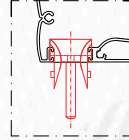
ESCALA 1:2

Opção 140mm

A



GUIA: PARAFUSO (A)



VT-852

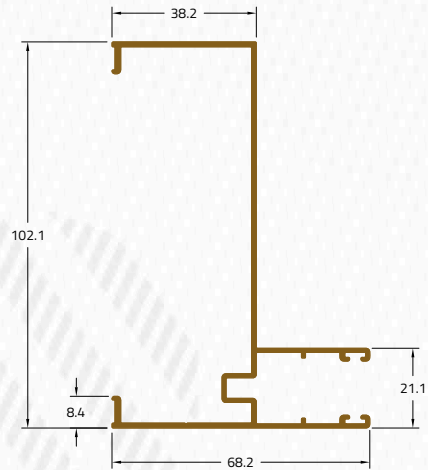
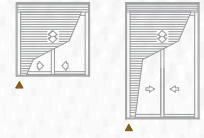
0.976 Kg/m

**Arremate Lateral
do Recolhedor**

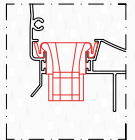
ESCALA 1:2

Opção 120mm

B



GUIA: CLICK (B)



VT-952

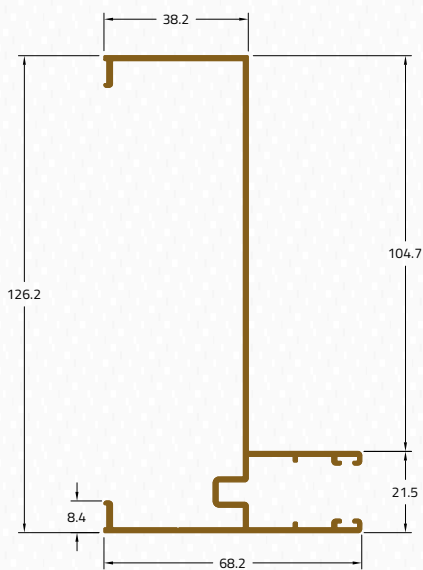
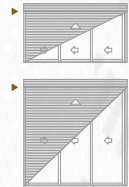
1.110 Kg/m

**Arremate Lateral
do Recolhedor**

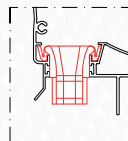
ESCALA 1:2

Opção 140mm

B



GUIA: CLICK (B)



VT-1904

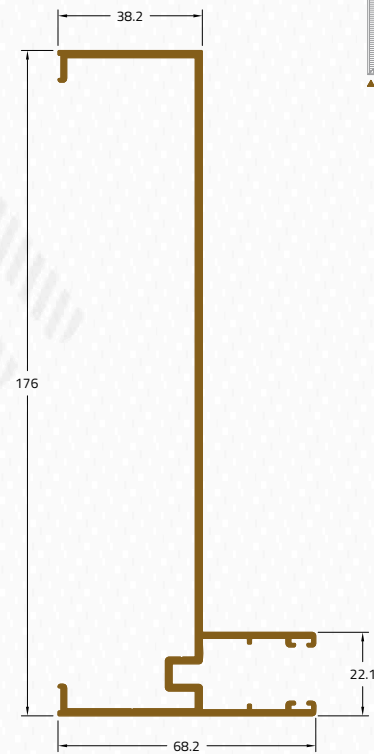
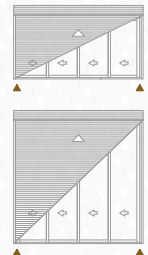
1.762 Kg/m

**Arremate Lateral
de Recolhedor**

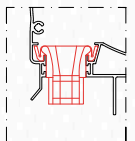
ESCALA 1:2

Opção 190mm

B



GUIA: CLICK (B)



NOVO!

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

ECO-775

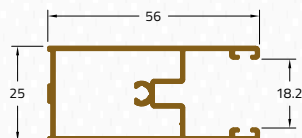
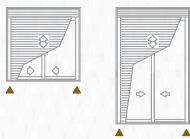
0.620 Kg/m

**Montante Lateral para
Guiagem da Persiana**

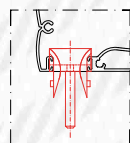
ESCALA 1:2

Parafuso

A



GUIA: PARAFUSO (A)



VT-842

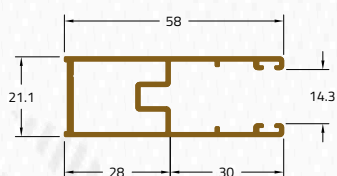
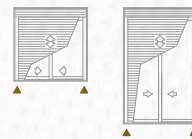
0.590 Kg/m

**Montante Lateral para
Guiagem da Persiana**

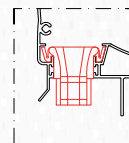
ESCALA 1:2

Click

B



GUIA: CLICK (B)



VT-848

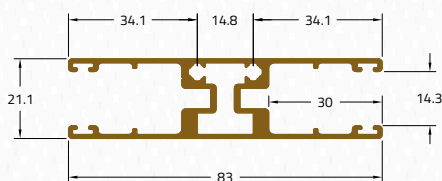
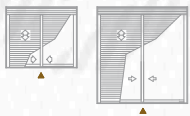
1.008 Kg/m

**Montante Central para
Guiagem da Persiana**

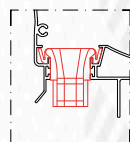
ESCALA 1:2

Click

B



GUIA: CLICK (B)

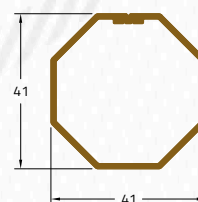
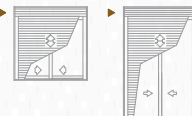


ECO-708

0.537 Kg/m

**Eixo Octogonal
40mm**

ESCALA 1:2



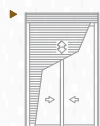
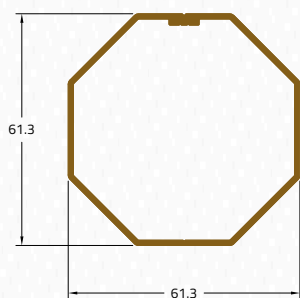
ECO-806

0.808 Kg/m

**Eixo Octogonal
60 mm**

ESCALA 1:2

NOVO!

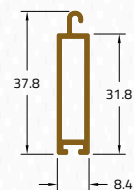
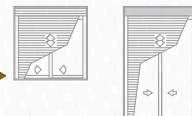


ECO-776

0.273 Kg/m

**Terminal
Persiana**

ESCALA 1:2

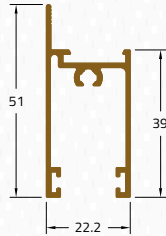


VT-053

Travessa Superior / Inferior

0.517 Kg/m

ESCALA 1:2 Encaixe: Montantes Laterais e Centrais

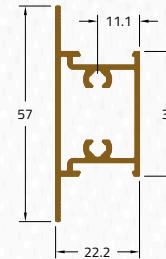


VT-227

Travessa Intermediária

0.550 Kg/m

ESCALA 1:2 Encaixe: Montantes Laterais e Centrais



Com Baguete

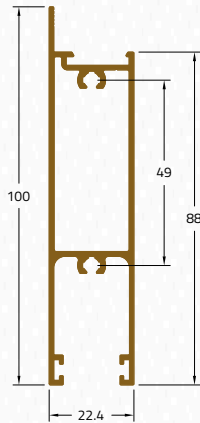
Com Baguete

VT-225

Travessa Inferior da Porta

1.000 Kg/m

ESCALA 1:2 Encaixe: Montantes Laterais e Centrais

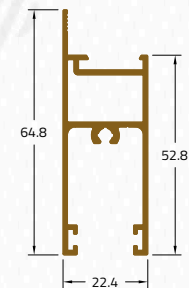


VT-225A

Travessa Inferior da Porta

0.662 Kg/m

ESCALA 1:2 Encaixe: Montantes Laterais e Centrais



Com Baguete

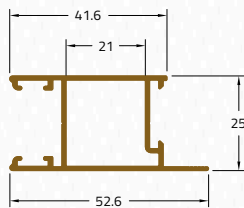
Com Baguete

VT-039

Montante Lateral / Central

0.533 Kg/m

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

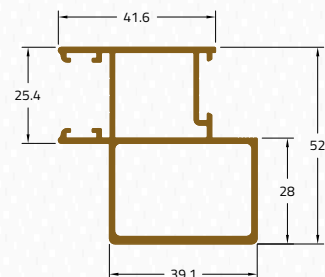


VT-044

Montante Lateral / Central com Reforço

1.000 Kg/m

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior



Com Baguete

Com Baguete

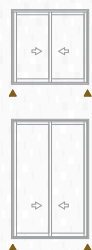
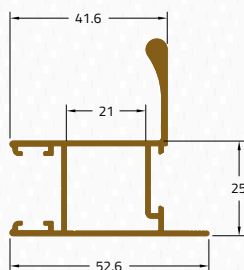
VT-250

**Montante Lateral /
Central com Reforço**

0.736 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Com Baguete

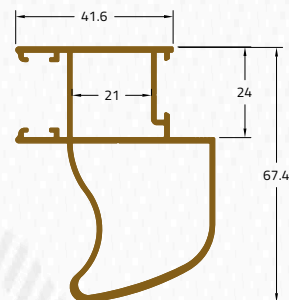
VT-844

**Montante Lateral /
Central com Reforço**

1.032 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Com Baguete

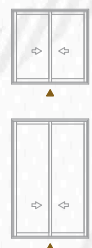
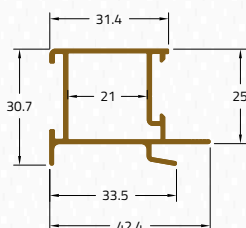
VT-040

**Montante Central
com Engate**

0.483 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Com Baguete

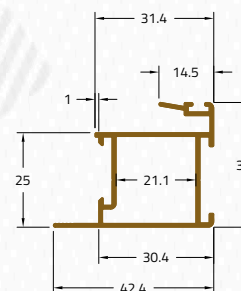
VT-041

**Montante Central
com Engate**

0.517 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Com Baguete

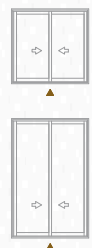
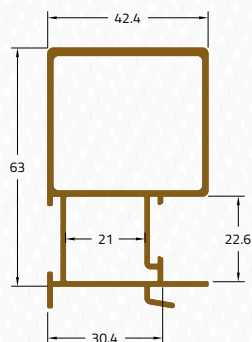
VT-047

**Montante Central com
Engate e Reforço**

1.071 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Com Baguete

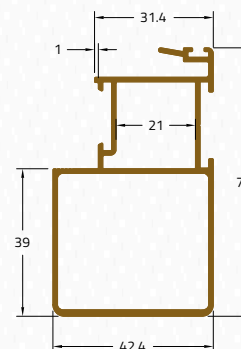
VT-049

**Montante Central com
Engate e Reforço**

1.050 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior

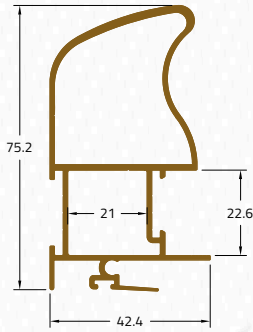


Com Baguete

VT-847
1.035 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

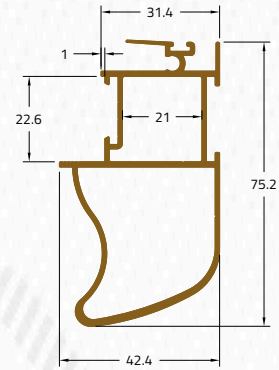


Com Baguete

VT-849
1.028 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

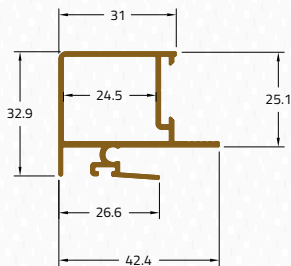


Com Baguete

VT-800
0.553 Kg/m

Montante Central com Engate

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

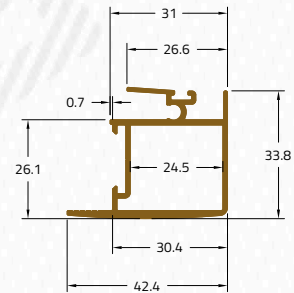


Com Baguete

VT-799
0.620 Kg/m

Montante Central com Engate

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

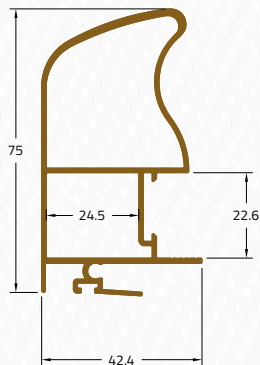


Com Baguete

VT-798
1.030 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior

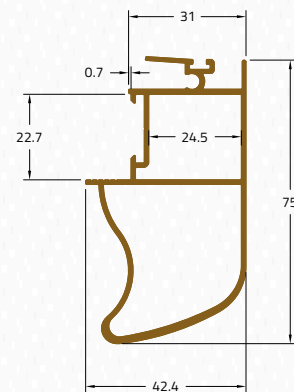


Com Baguete

VT-797
0.996 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2 Encaixe: Travessas Superior, Interm. e Inferior



Com Baguete

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

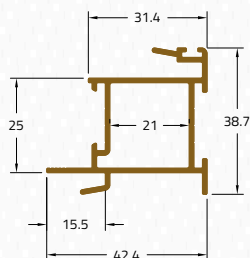
VT-042

Montante Central com Engate Duplo

0.567 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA SOB CONSULTA



Com Baguete

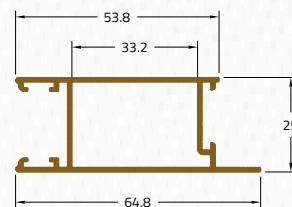
VT-245

Montante Lateral / Central

0.688 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA SOB CONSULTA



Com Baguete

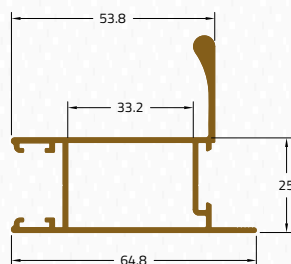
VT-280

Montante Lateral / Central

1.008 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA SOB CONSULTA



Com Baguete

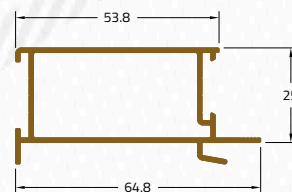
VT-243

Montante Central com Engate

0.833 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA SOB CONSULTA



Com Baguete

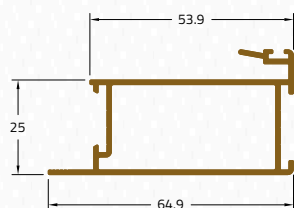
VT-242

Montante Central com Engate

0.743 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA SOB CONSULTA



Com Baguete

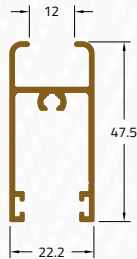
VT-186

0.510 Kg/m

Travessa Superior / Inferior

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais



Sem Baguete

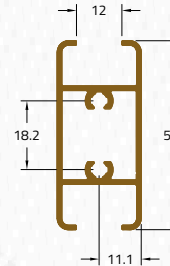
VT-188

0.603 Kg/m

Travessa Intermediária

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais



Sem Baguete

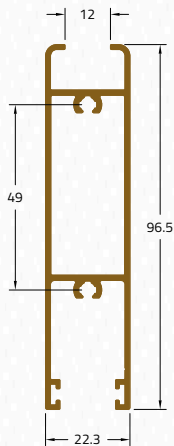
VT-226

1.039 Kg/m

Travessa Inferior da Porta

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais



Sem Baguete

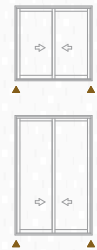
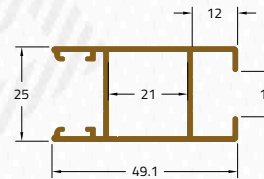
VT-055

0.550 Kg/m

Montante Lateral / Central

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Sem Baguete

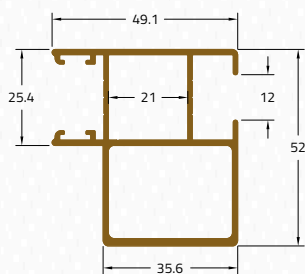
VT-060

0.992 Kg/m

Montante Lateral / Central com Reforço

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Sem Baguete

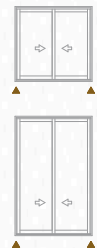
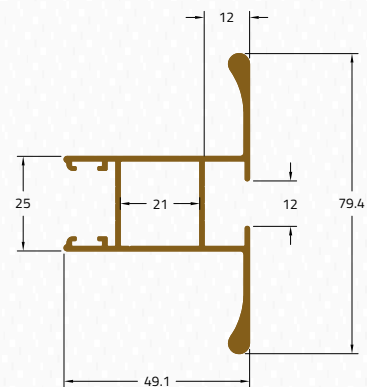
VT-845

0.940 Kg/m

Montante Lateral / Central com Reforço

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



Sem Baguete

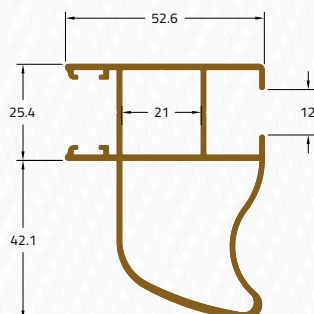
VT-897

**Montante Lateral /
Central com Reforço**

1.087 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

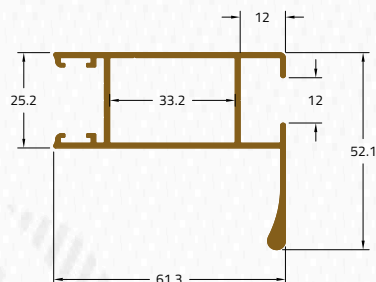
VT-899

**Montante Lateral /
Central com Reforço**

0.857 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

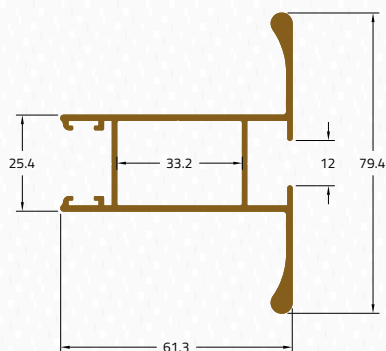
VT-846

**Montante Lateral /
Central com Reforço**

1.091 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

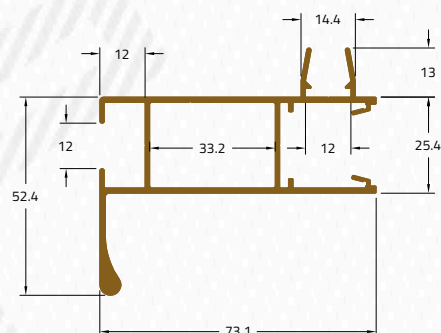
VT-850

**Montante
com Mata Junta**

1.100 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

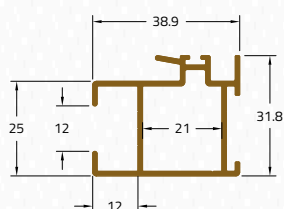
VT-056

**Montante Central
com Engate**

0.557 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

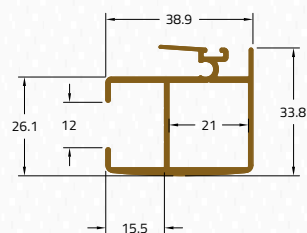
VT-859

**Montante Central
com Engate**

0.631 Kg/m

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

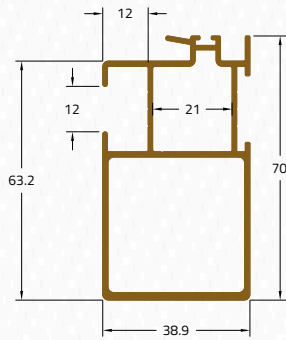
VT-061

1.095 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

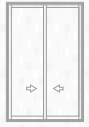
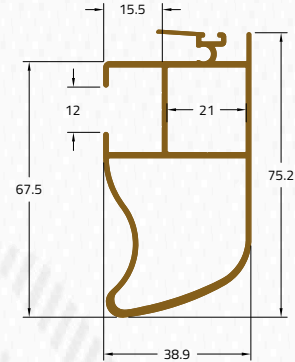
VT-861

1.038 Kg/m

Montante Central com Engate e Reforço

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

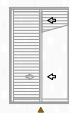
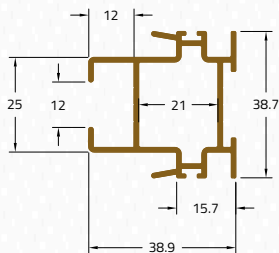
VT-057

0.633 Kg/m

Montante Central com Engate Duplo

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



Sem Baguete

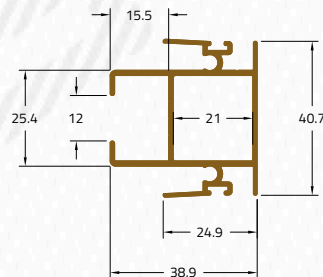
VT-808

0.712 Kg/m

Montante Central com Engate Duplo

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA
SOB CONSULTA

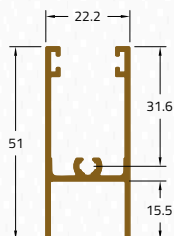
VT-187

0.517 Kg/m

Travessa Superior / Inferior

ESCALA 1:2

Encaixe: Montantes Laterais e Centrais



FERRAMENTA
SOB CONSULTA

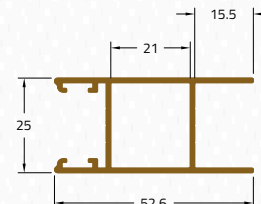
VT-068

0.550 Kg/m

Montante Lateral / Central

ESCALA 1:2

Encaixe: Travessas Superior, Interm. e Inferior



FERRAMENTA
SOB CONSULTA

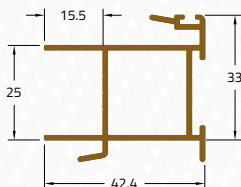
VT-069

0.583 Kg/m

**Montante Central
com Engate Duplo**

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



FERRAMENTA
SOB CONSULTA

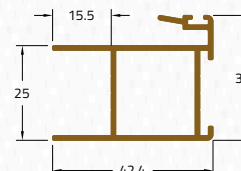
VT-070

0.533 Kg/m

**Montante Central
com Engate**

ESCALA 1:2

Encaixe: Travessas Superior, Intern. e Inferior



FERRAMENTA
SOB CONSULTA

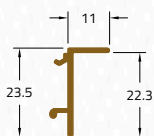
VT-108

0.150 Kg/m

**Complemento
Veneziana**

ESCALA 1:2

Encaixe: Montantes e Travessas com baguete



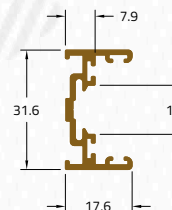
FERRAMENTA
SOB CONSULTA

ECO-754

0.348 Kg/m

**Mata-Junta
para Cremona**

ESCALA 1:2

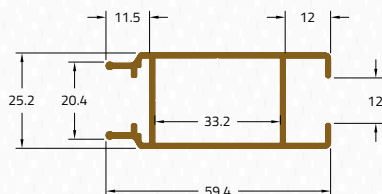


VT-807

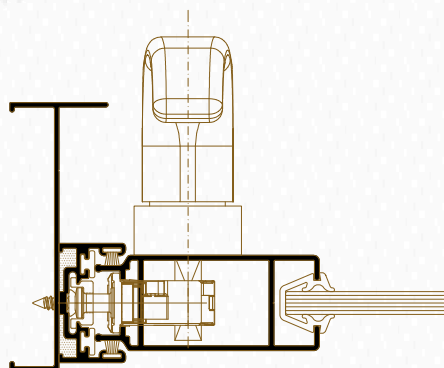
0.675 Kg/m

**Montante Lateral
Cremona**

ESCALA 1:2



MONTAGEM CREMONA



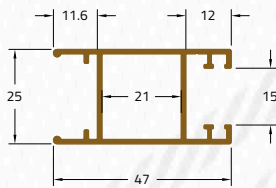
VT-1039

Montante Lateral
Central

0.545 Kg/m



ESCALA 1:2



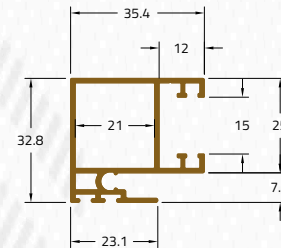
VT-1859

Montante Central
com Engate

0.583 Kg/m



ESCALA 1:2



VENDA PARA TODAS AS REGIÕES EXCETO **NORDESTE**

VENDA PARA TODAS AS REGIÕES EXCETO **NORDESTE**

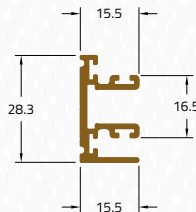
VT-1302

Mata-Junta

0.352 Kg/m



ESCALA 1:2



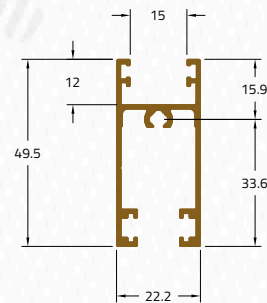
VT-1053

Travessa Superior
Inferior

0.592 Kg/m



ESCALA 1:2



VENDA PARA TODAS AS REGIÕES EXCETO **NORDESTE**

VENDA PARA TODAS AS REGIÕES EXCETO **NORDESTE**

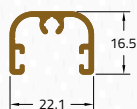
VT-1070

Veda Montante

0.240 Kg/m

ESCALA 1:2

Encaixe: VT-800/VT-799/VT-798/VT-797/
VT-861/VT-859



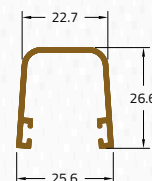
VT-107

Vedação Montante

0.283 Kg/m

ESCALA 1:2

Encaixe: VT-039/VT-044/VT-250/VT-844/VT-040/
VT-041/VT-047/VT-049/VT-847/VT-849



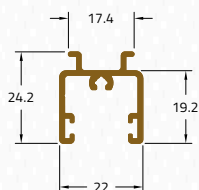
FERRAMENTA
SOB CONSULTA

VT-1071

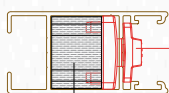
Veda Montante

0.328 Kg/m

ESCALA 1:2



MONTAGEM



VT-1071



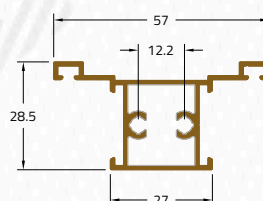
VT-086

Coluna com Olhal

0.600 Kg/m

ESCALA 1:2

Encaixe: VT-079/VT-379



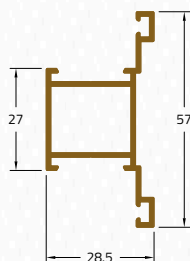
VT-085

Travessa

0.500 Kg/m

ESCALA 1:2

Encaixe: VT-079/VT-379



FERRAMENTA
SOB CONSULTA



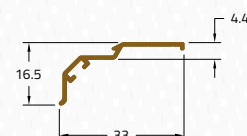
VT-083

Pingadeira

0.150 Kg/m

ESCALA 1:2

Encaixe: VT-079/VT-379



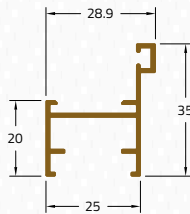
VT-079

Marco Maxim-Ar

0.350 Kg/m

ESCALA 1:2

Montagem 45°



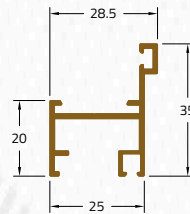
VT-379

Marco Maxim-Ar

0.365 Kg/m

ESCALA 1:2

Montagem 45°



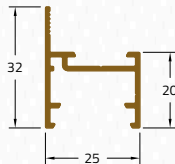
VT-088

Marco Fixo

0.317 Kg/m

ESCALA 1:2

Montagem 45°



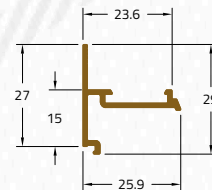
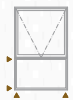
VT-292

Inversor para Bagueete

0.206 Kg/m

ESCALA 1:2

Encaixe: VT-079/VT-379



FERRAMENTA
SOB CONSULTA

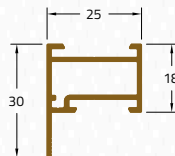
VT-080

Travessa Superior
da Folha

0.367 Kg/m

ESCALA 1:2

Encaixe: VT-081/VT-200



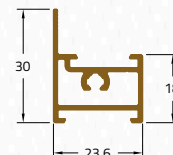
VT-082

Travessa da Folha

0.383 Kg/m

ESCALA 1:2

Encaixe: VT-081/VT-200



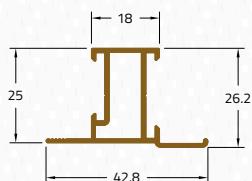
VT-081

**Montante e Travessa
Inferior da Folha**

0.417 Kg/m

ESCALA 1:2

Encaixe: VT-080/VT-082



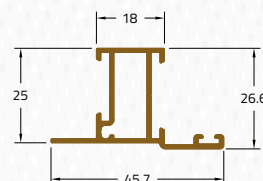
VT-200

**Montante e Travessa
Inferior da Folha**

0.450 Kg/m

ESCALA 1:2

Encaixe: VT-080/VT-082



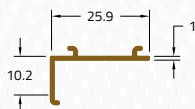
VT-084

Pingadeira

0.133 Kg/m

ESCALA 1:2

Encaixe: VT-080/VT-082



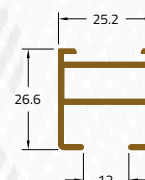
VT-091

**Travessa Superior
da Folha**

0.400 Kg/m

ESCALA 1:2

Encaixe: VT-090/VT-900

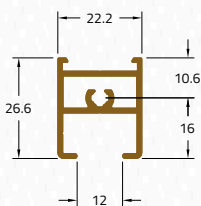


VT-806

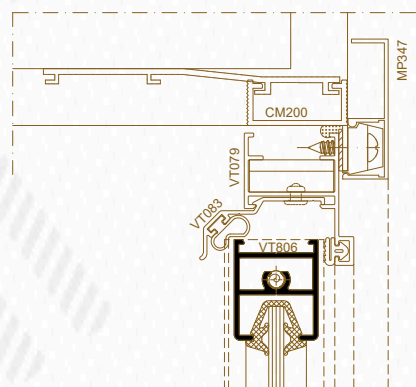
**Travessa Superior
Folha**

0.417 Kg/m

ESCALA 1:2



MONTAGEM



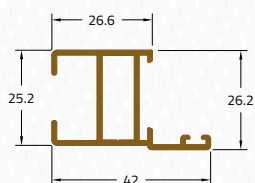
VT-900

**Montante e Travessa
Inferior da Folha**

0.494 Kg/m

ESCALA 1:2

Encaixe: VT-091



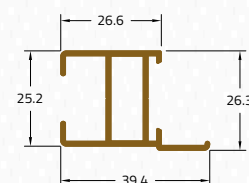
VT-090

**Montante e Travessa
Inferior da Folha**

0.438 Kg/m

ESCALA 1:2

Encaixe: VT-091



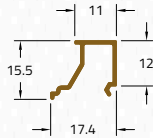
VT-102

Baguete

0.117 Kg/m

ESCALA 1:2

Vidros até 6 mm



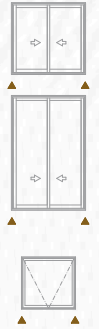
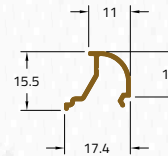
VT-189

Baguete

0.115 Kg/m

ESCALA 1:2

Vidros até 6 mm



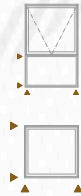
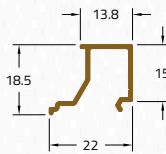
VT-103

Baguete

0.162 Kg/m

ESCALA 1:2

Vidros de 4 e 6 mm



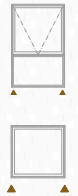
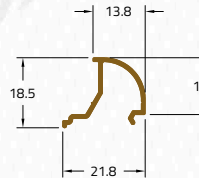
VT-190

Baguete

0.147 Kg/m

ESCALA 1:2

Vidros de 4 e 6 mm



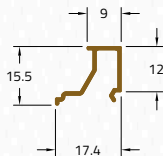
VT-1028

Baguete

0.108 Kg/m

ESCALA 1:2

Vidros de 8 mm



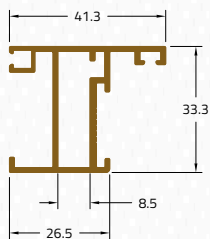
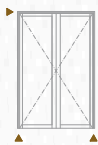
VT-479

**Marco
Porta de Giro**

0.620 Kg/m

ESCALA 1:2

Montagem 45°



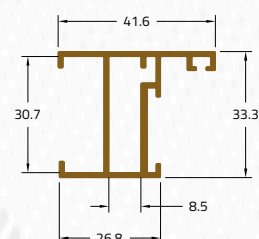
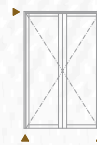
VT-279

**Marco
Porta de Giro**

0.580 Kg/m

ESCALA 1:2

Montagem 45°



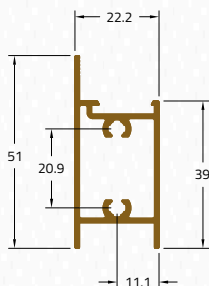
VT-110

Travessa da Folha

0.549 Kg/m

ESCALA 1:2

Encaixe: VT-111



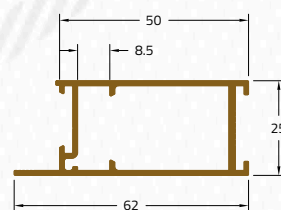
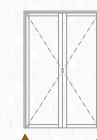
VT-111

**Montante e Travessa
da Folha**

0.659 Kg/m

ESCALA 1:2

Encaixe: VT-110



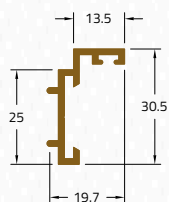
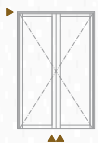
25-548

Mata-Junta

0.290 Kg/m

ESCALA 1:2

Encaixe: VT-110



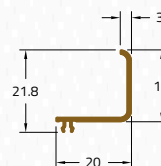
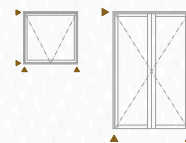
ECO-347

Arremate

0.145 Kg/m

ESCALA 1:2

Encaixe: VT-110/VT-479



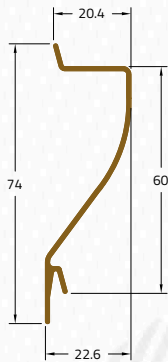
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

VZ-001

Veneziana

0.338 Kg/m

ESCALA 1:2

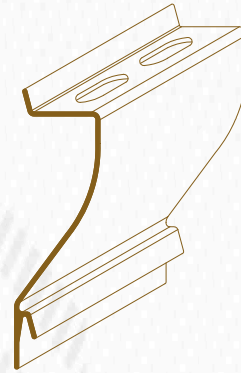


US-001

Veneziana Ventilada

0.338 Kg/m

ESCALA 1:2

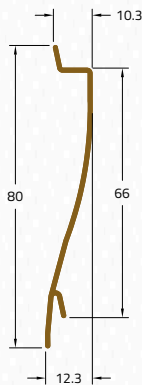


VZ-050

Veneziana

0.295 Kg/m

ESCALA 1:2

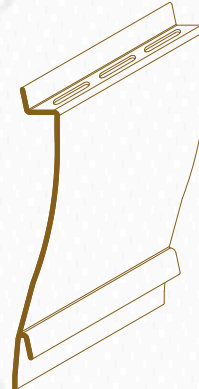


US-050

Veneziana Ventilada

0.295 Kg/m

ESCALA 1:2

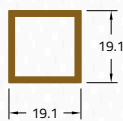


TQ-055

Tubo Quadrado

0.300Kg/m

ESCALA 1:2

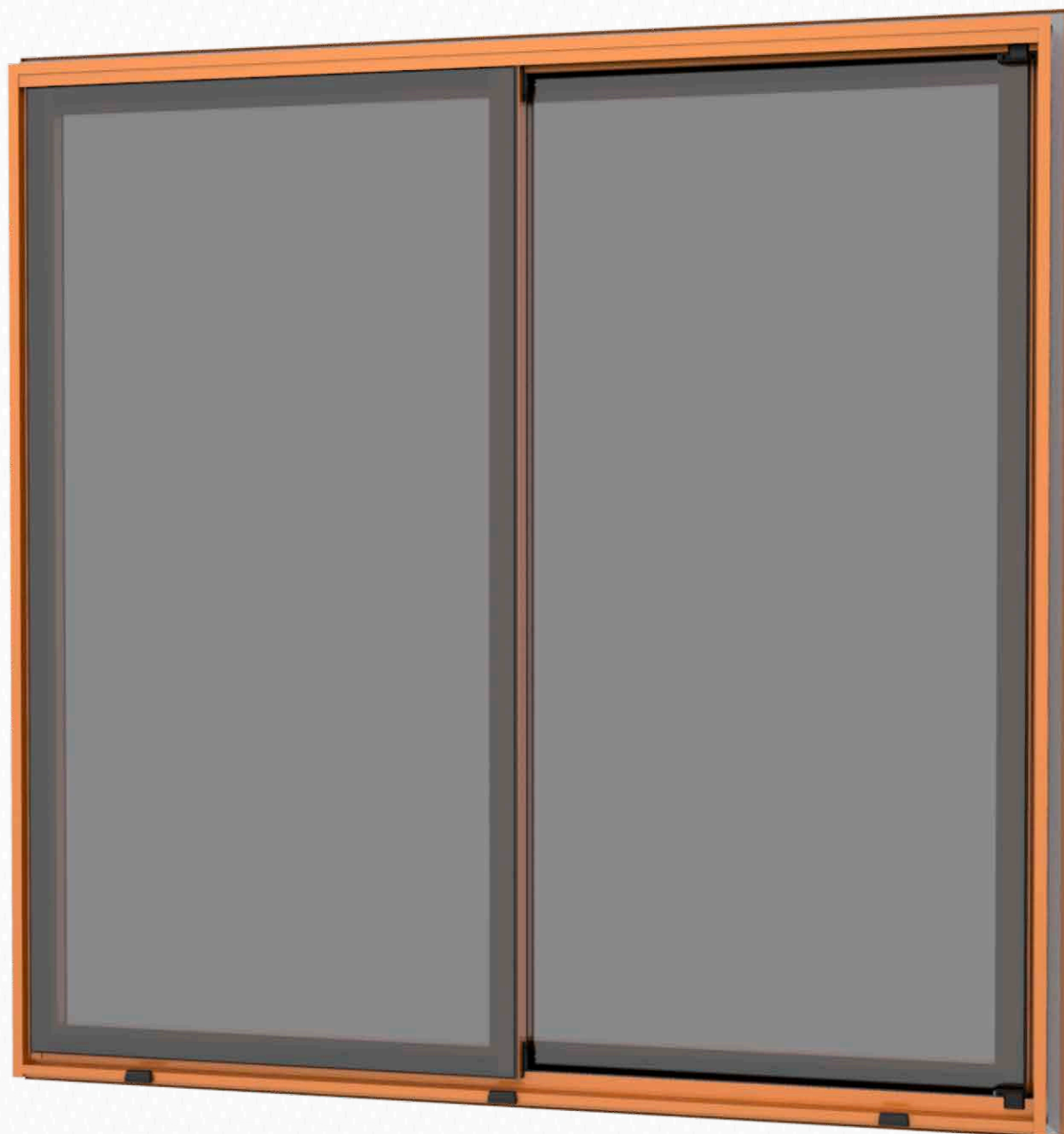


FERRAMENTA
SOB CONSULTA

Sistema

EcoLine 2.5 GTS[®]

GLASS TAPE SYSTEM





Excelente solução para projetos de envidraçamento estrutural em esquadrias de portas e janelas.

- Bitola de 25 mm: Derivação de um sistema consagrado.
- Vidro Colado com Fita VHB: Belo visual externo.
- Destaque ao vidro: Valorização do ambiente com menos alumínio aparente, gerando visual limpo.
- Mesmos componentes do Sistema Ecoline 2.5: Flexibilidade na fabricação.
- Sistema de Drenagem Eficiente: Trilhos Tubulares gerando melhor saída de água.
- Perfis com montagem à 90°: Eliminação de Sobras.
- Facilidade de Usinagens: Alta produtividade.
- Perfis aparentes na parte interna: Design com forma arredondada.



Sistema

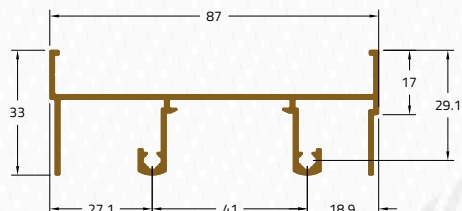
EcoLine 2.5 GTS[®]
GLASS TAPE SYSTEM

GTS-001

**Marco Superior
 2 Planos**

0.832 Kg/m

ESCALA 1:2

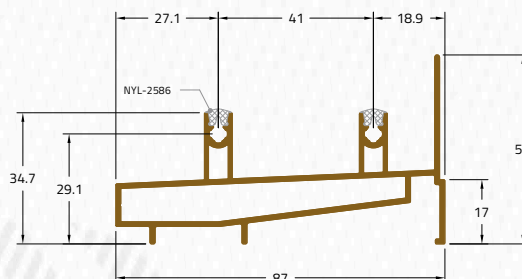


GTS-002

**Marco Inferior
 2 Planos**

1.147 Kg/m

ESCALA 1:2

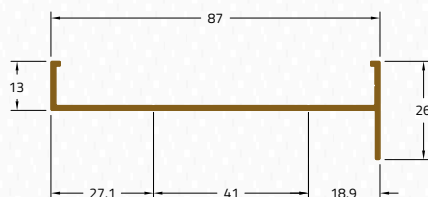


GTS-003

**Marco Lateral
 2 Planos**

0.452 Kg/m

ESCALA 1:2

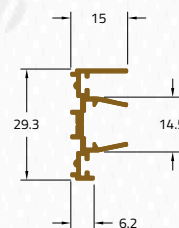


GTS-013

Mata-Junta

0.273 Kg/m

ESCALA 1:2

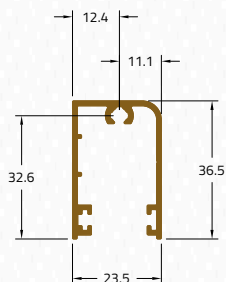


GTS-004

**Travessa
 Superior/Inferior**

0.447 Kg/m

ESCALA 1:2

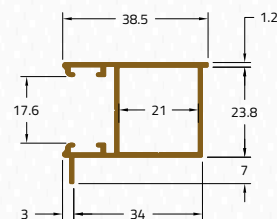


GTS-005

Montante Lateral

0.448 Kg/m

ESCALA 1:2



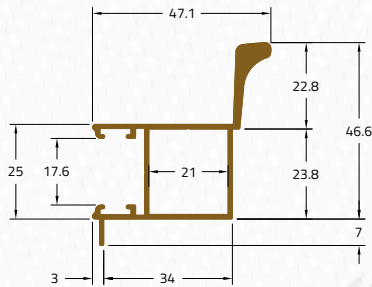
GTS-012

**Montante Lateral
com Reforço**

0.687 Kg/m



ESCALA 1:2



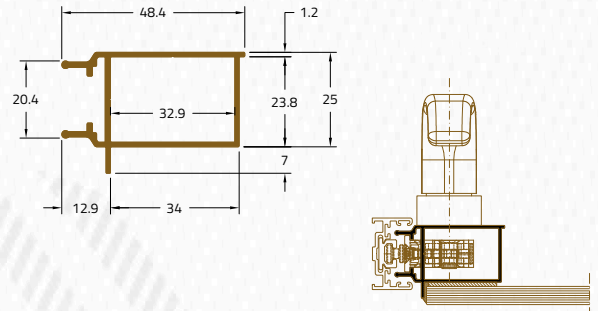
GTS-010

**Montante Lateral
Cremona**

0.547 Kg/m



ESCALA 1:2



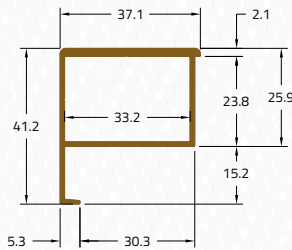
GTS-007

**Montante Central
Interno com Engate**

0.548 Kg/m



ESCALA 1:2



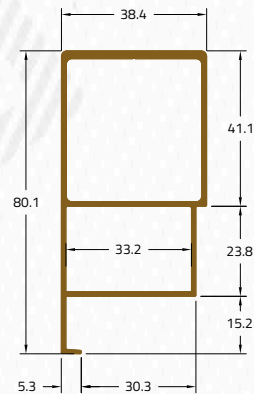
GTS-009

**Montante Central Interno
com Engate e Reforço**

0.963 Kg/m



ESCALA 1:2



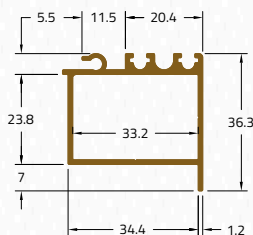
GTS-006

**Montante Central
Externo com Engate**

0.543 Kg/m



ESCALA 1:2



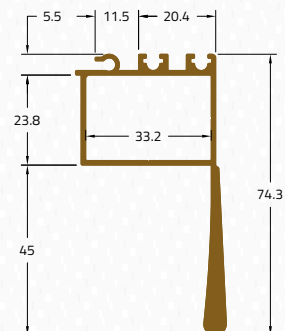
GTS-008

**Montante Central Externo
com Engate e Reforço**

0.968 Kg/m



ESCALA 1:2



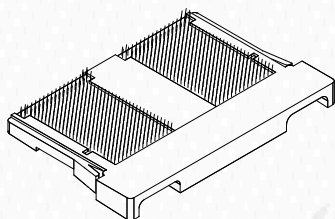
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CHU-864	Chumbador para Contramarco	79
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NYL-329

Caixa de Dreno

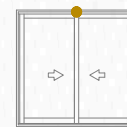
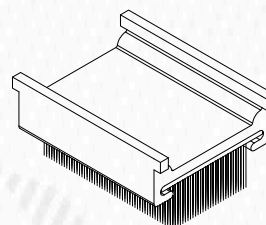
Aplicável nos Perfis:
Marcos Inferiores



NYL-335

Vedação Superior

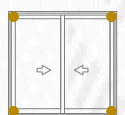
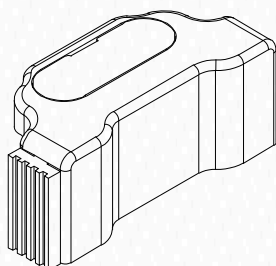
Aplicável nos Perfis:
Marcos Superiores



NYL-414

Batedeira

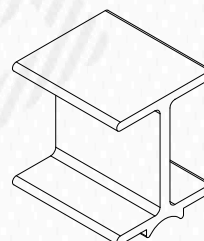
Aplicável nos Perfis:
Marcos Inferiores e
Superiores



CAL-948

Calço da Folha Fixa

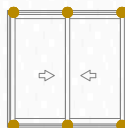
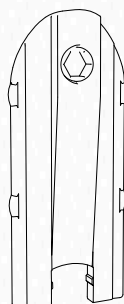
Aplicável nos Perfis:
Travessas inferiores de
janela e porta



NYL-332

Guia Deslizante

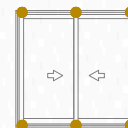
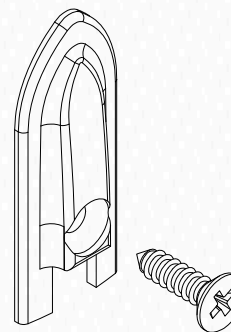
Aplicável nos Perfis:
VT-039/VT-044/VT-250/VT-844/VT-040/VT-041
VT-047/VT-049/VT-847/VT-849/VT-042/VT-245
VT-280/VT-243/VT-242/VT-055/VT-060/VT-845
VT-897/VT-056/VT-061/VT-057/VT-899/VT-846
VT-850/VT-068/VT-069/VT-070



GUI-005

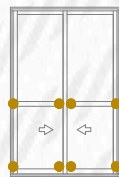
Guia Deslizante

Aplicável nos Perfis:
VT-800/VT-799/VT-798
VT-797/VT-861/VT-859



NYL-042

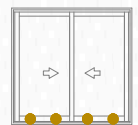
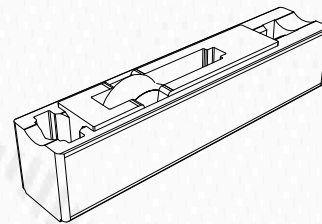
Tampa Furo 3/8"



ROL-426

Roldana com Regulagem e sem Rolamento para Janela (10 kg por folha)

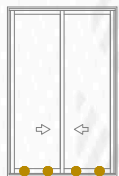
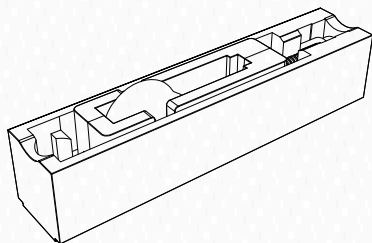
Aplicável nos Perfis: Travessas inferiores de janela



ROL-440

Roldana com Regulagem e Rolamento para Porta (40 kg por folha)

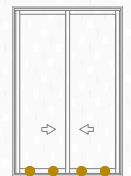
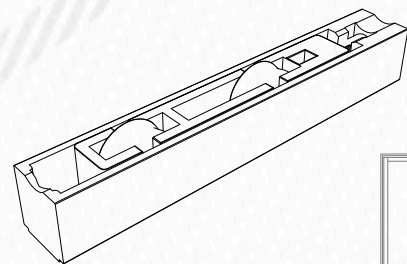
Aplicável nos Perfis: Travessas inferiores de porta



ROL-439

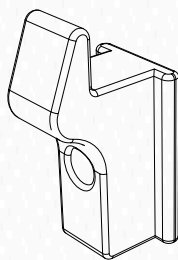
Roldana dupla com Regulagem e Rolamento para Porta (80 kg por folha)

Aplicável nos Perfis: Travessas inferiores de porta



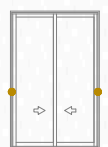
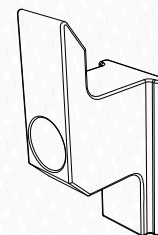
CON-370

Contra Fecho



CON-409

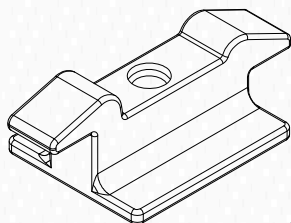
Contra Fecho para Fechadura



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

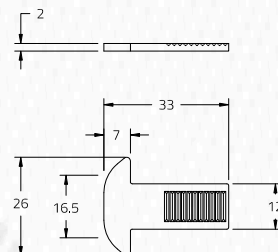
FEC-055

Contra Fecho para Folha Fixa



TRA-009

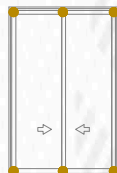
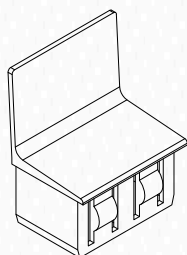
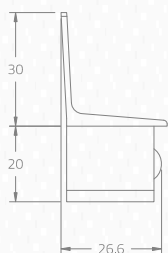
Lingueta para Fecho Concha



NYL-356

Tampa Superior e Inferior
para Montantes

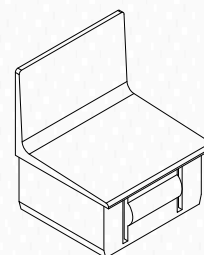
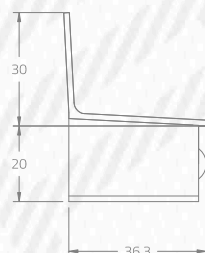
Aplicável nos Perfis:
VT-044 / VT-060



NYL-357

Tampa Superior e Inferior
para Montantes

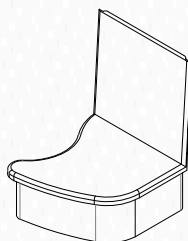
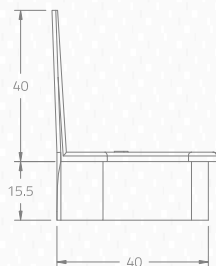
Aplicável nos Perfis:
VT-047 / VT-049 / VT-061



TAM-796

Tampa Superior e Inferior
para Montantes

Aplicável nos Perfis:
VT-844/VT-847/VT-849
VT-798/VT-797/VT-897
VT-861

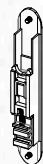


PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

FEC-7411

Fecho Concha para Janela

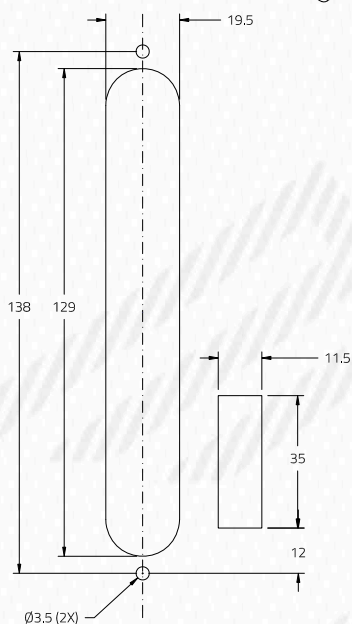
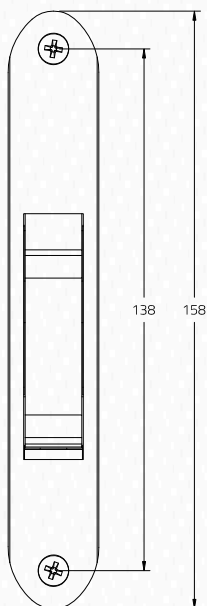
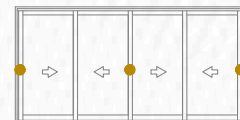
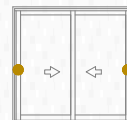
Aplicável nos Perfis:
Montantes Laterais e Centrais
sem engate



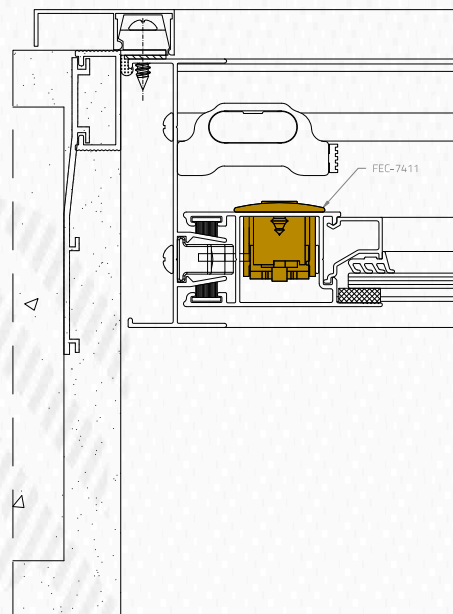
OPÇÃO
COM MOLLA



OPÇÃO
SEM MOLLA



VISTAS
ESCALA 1:2

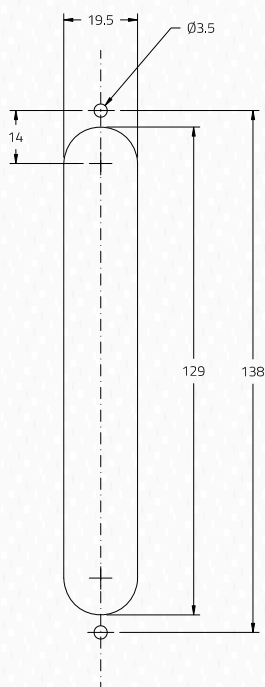
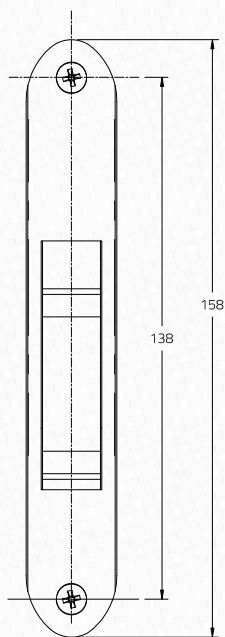


APLICAÇÃO
ESCALA 1:2

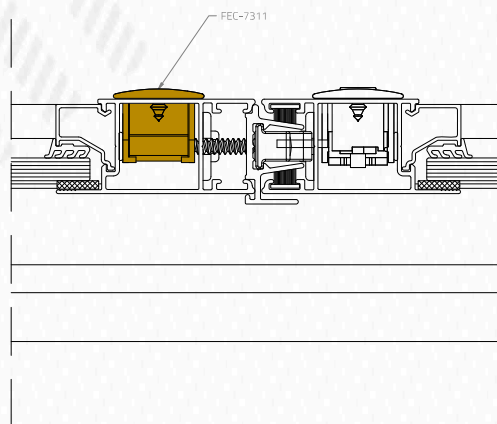
CON-7311

Concha Cega para Janela

Aplicável nos Perfis:
Montantes Centrais
sem engate



VISTAS
ESCALA 1:2

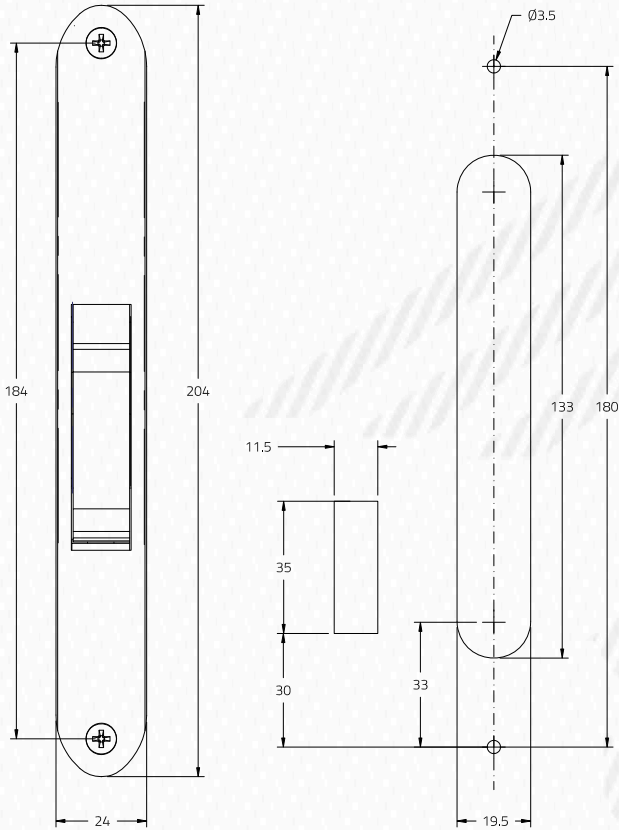
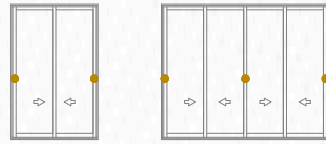


APLICAÇÃO
ESCALA 1:2

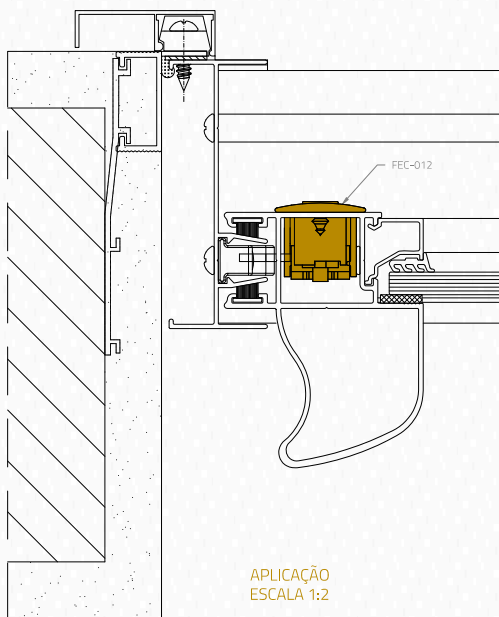
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

FEC-012

Fecho Concha para Porta



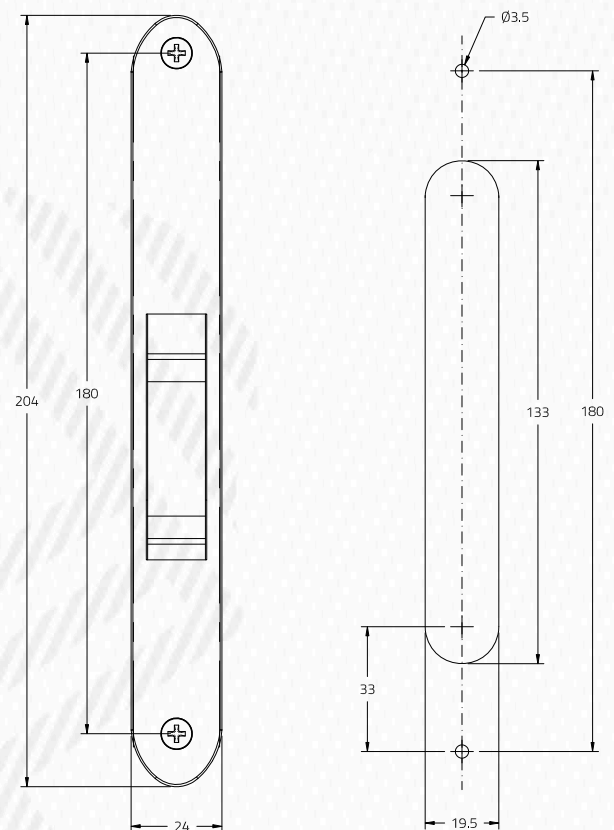
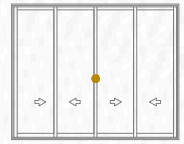
VISTAS
ESCALA 1:2



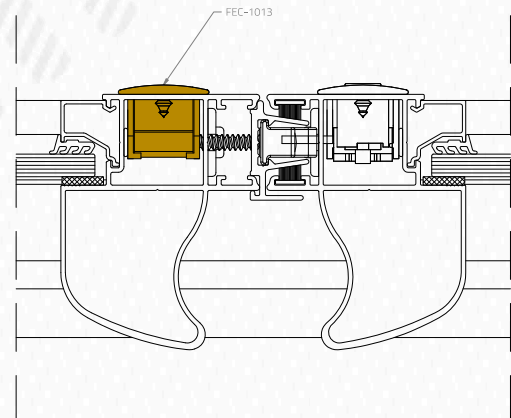
APLICAÇÃO
ESCALA 1:2

CON-1013

Concha Cega para Porta



VISTAS
ESCALA 1:2



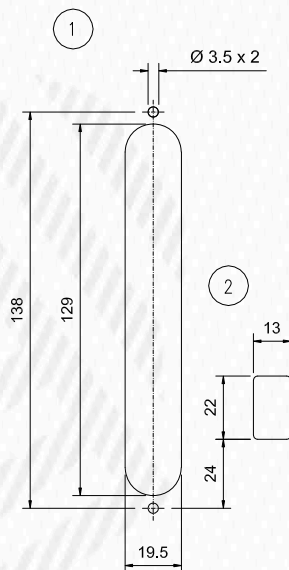
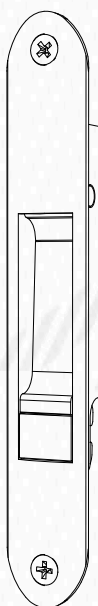
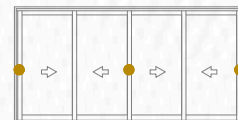
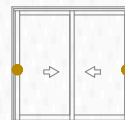
APLICAÇÃO
ESCALA 1:2

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

CON-7611

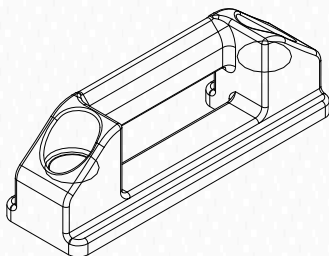
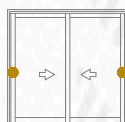
Fecho Concha para Janela (Gatilho)

Aplicável nos Perfis:
Montantes Laterais e Centrais
sem engate



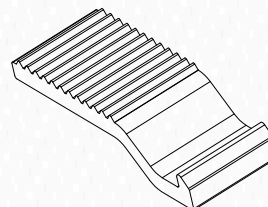
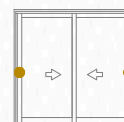
CTF-7611

Contra Fecho para CON-7611



LIN-7611

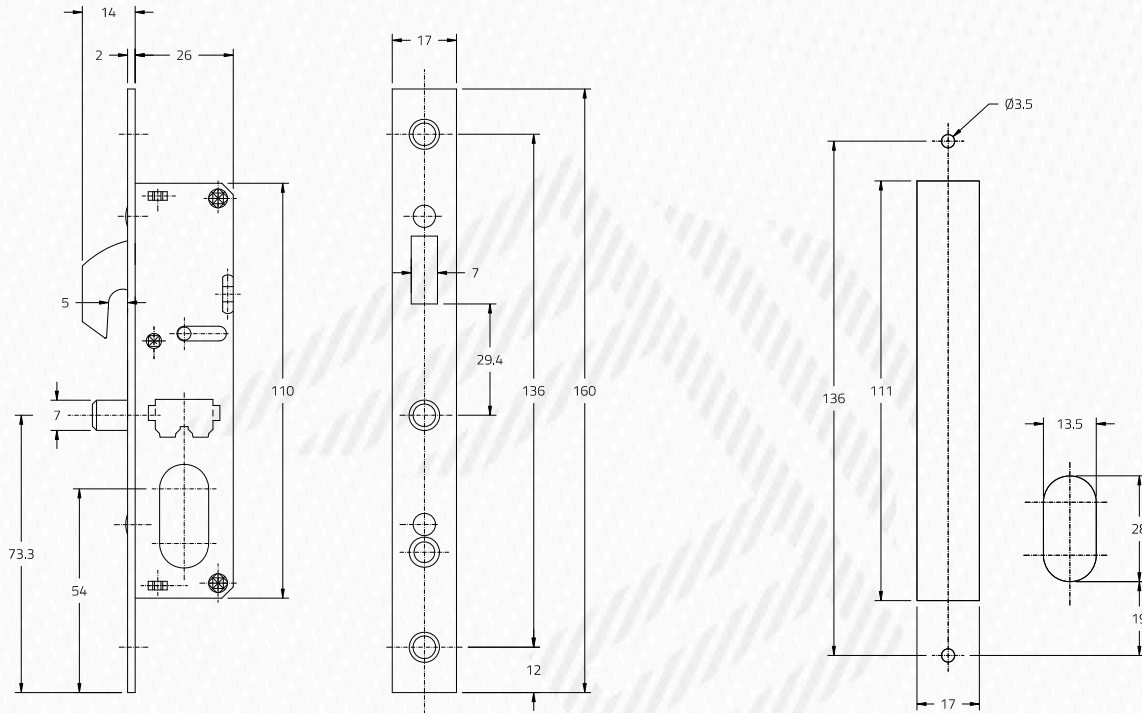
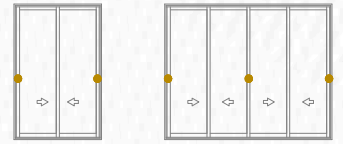
Lingueta para CON-7611



FRA-815

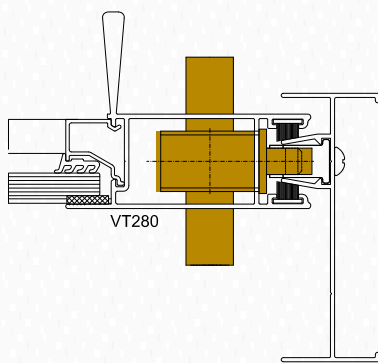
Fechadura para Porta de Correr

Aplicável nos Perfis:
Montantes Laterais e Centrais
sem engate



VISTAS
ESCALA 1:2

DETALHE DE USINAGEM
ESCALA 1:2

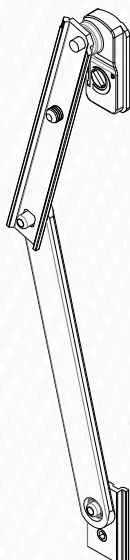
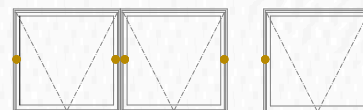


APLICAÇÃO
ESCALA 1:2

BRA-(VER TABELA)

Braço para folha maxim-ar

Aplicável nos Perfis:
VT-081 / VT-200
VT-090 / VT-900

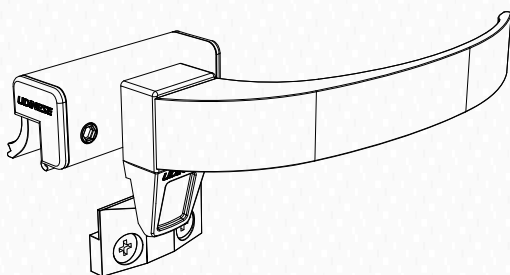


CÓDIGO	DIMENSÃO	LARGURA	ALTURA DA FOLHA		CARGA MÁXIMA
			MÍN. (MM)	MÁX. (MM)	
BRA-705	250	750	270	500	6 KG
BRA-704	400	750	400	650	8 KG
BRA-702	500	750	520	810	10 KG
BRA-703	750	750	810	900	11 KG
BRA-725	810	750	900	1200	15 KG

FEC-009

Fecho para Maxim-ar

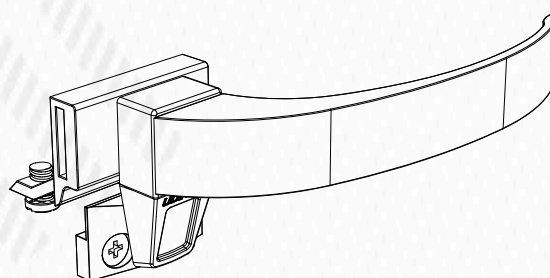
Aplicável nos Perfis:
VT-082/VT-081/VT-200



FEC-010

Fecho para Maxim-ar

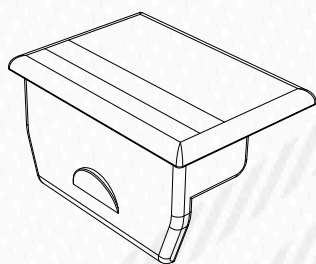
Aplicável nos Perfis:
VT-900/VT-090



NYL-355

Tampa para Folha Maxim-ar

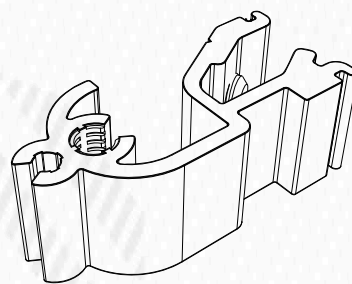
Aplicável nos Perfis:
VT-081/VT-200



CON-376

Fixador de Travessa para Maxim-ar

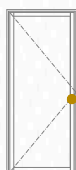
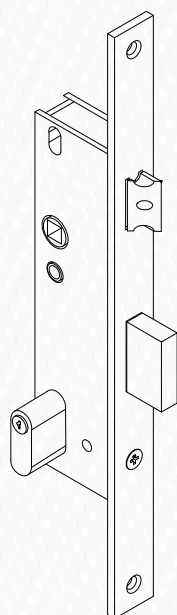
Aplicável no Perfil:
VT-085



FRA-822

Fechadura para Porta de Giro

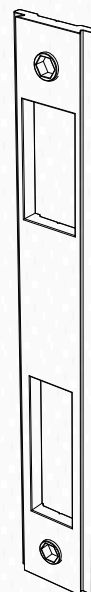
Aplicável no Perfil:
VT-111



CON-295

Contra Testa para Porta de Giro

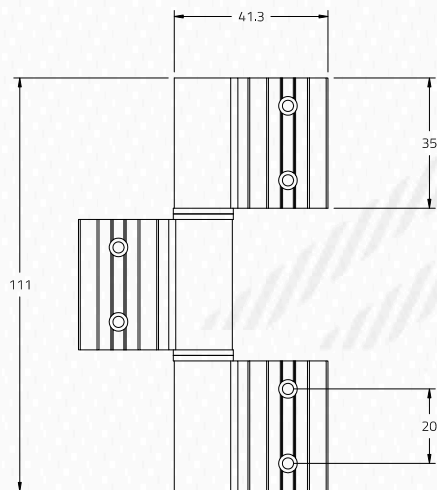
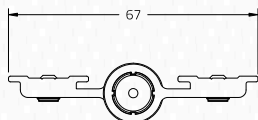
Aplicável nos Perfis:
VT-279/VT-479



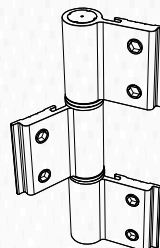
DOB-840

Dobradiça para Porta de Giro

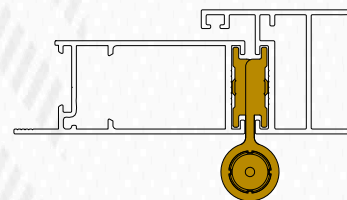
Aplicável nos Perfis:
VT-279/VT-479/VT-111



VISTAS
ESCALA 1:2



PERSPECTIVA
SEM ESCALA

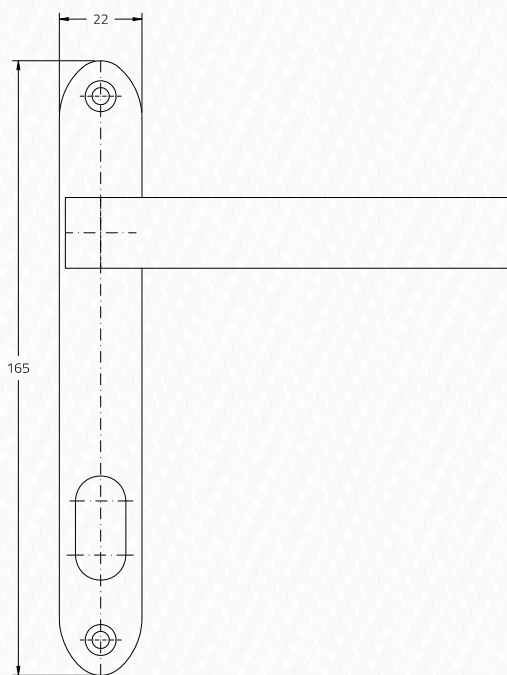


APLICAÇÃO
ESCALA 1:2

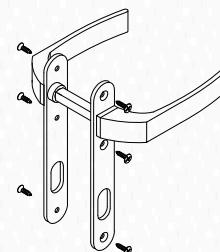
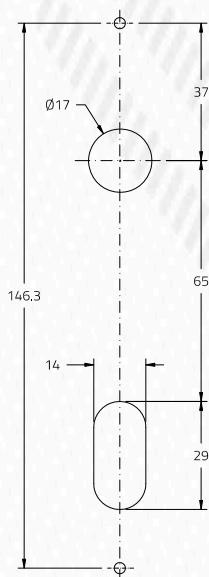
MAC-927

Maçaneta para Porta de Giro

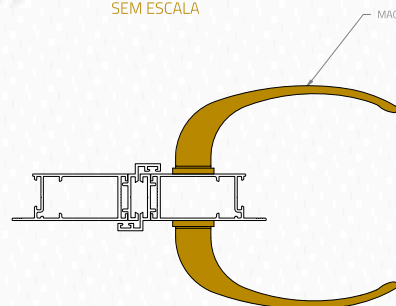
Aplicável no Perfil:
VT-111



VISTAS
ESCALA 1:2



PERSPECTIVA
SEM ESCALA



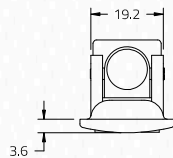
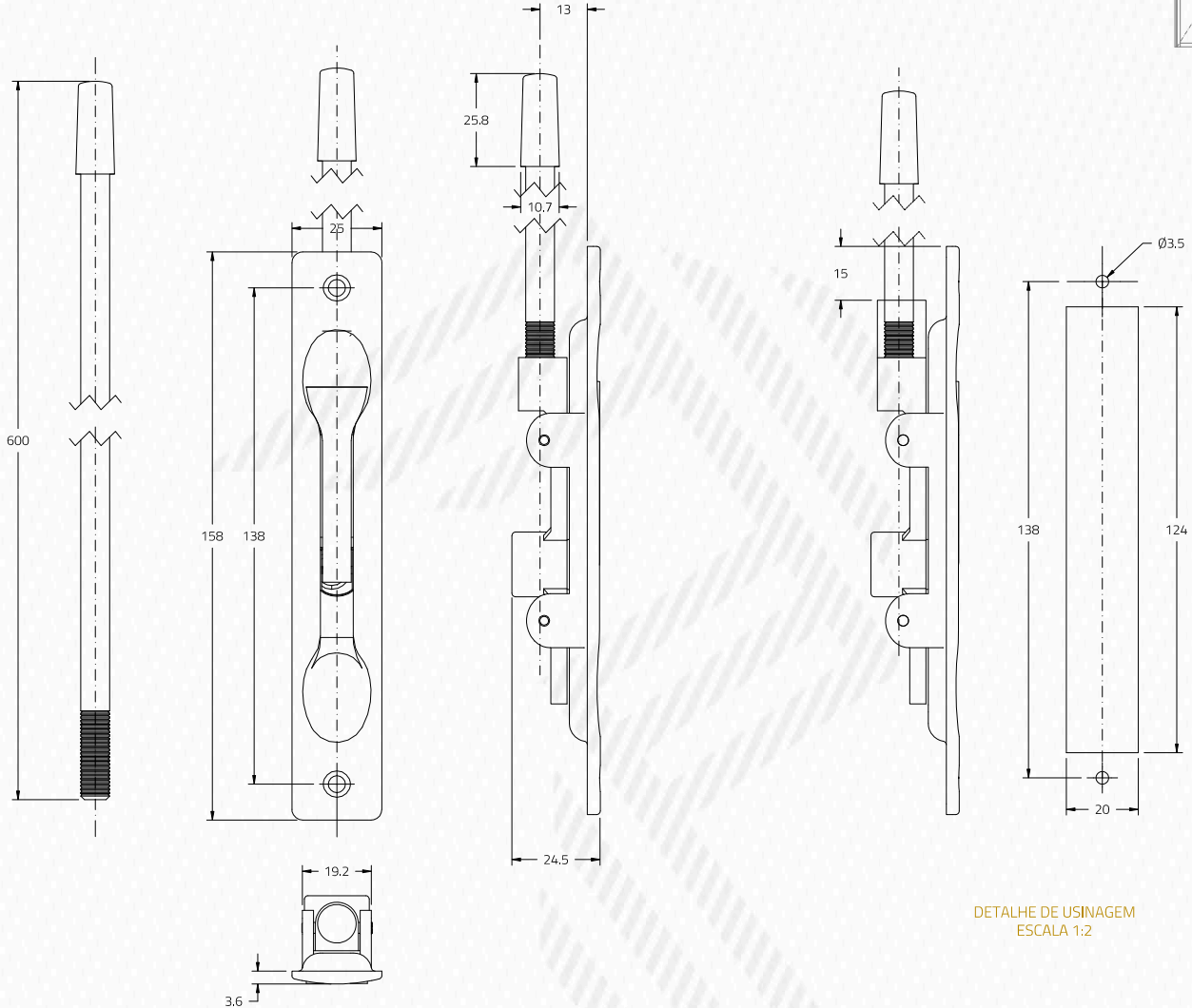
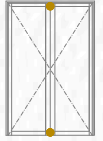
APLICAÇÃO
ESCALA 1:4

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

FEC-1900

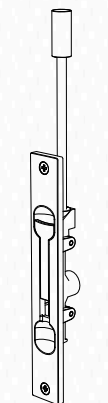
Fecho Unha para Porta de Giro

Aplicável no Perfil:
VT-111

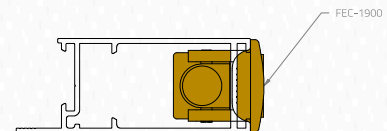


VISTAS
ESCALA 1:2

DETALHE DE USINAGEM
ESCALA 1:2



PERSPECTIVA
SEM ESCALA



APLICAÇÃO
ESCALA 1:2

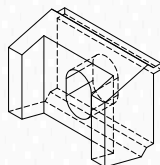
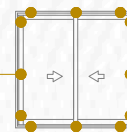
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

NYL-190

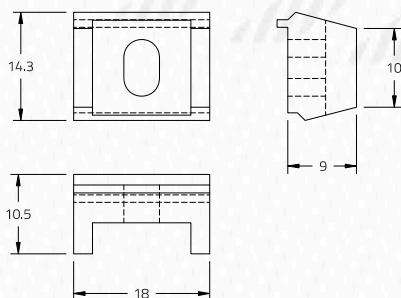
Presilha do Arremate

Aplicável em todas as tipologias

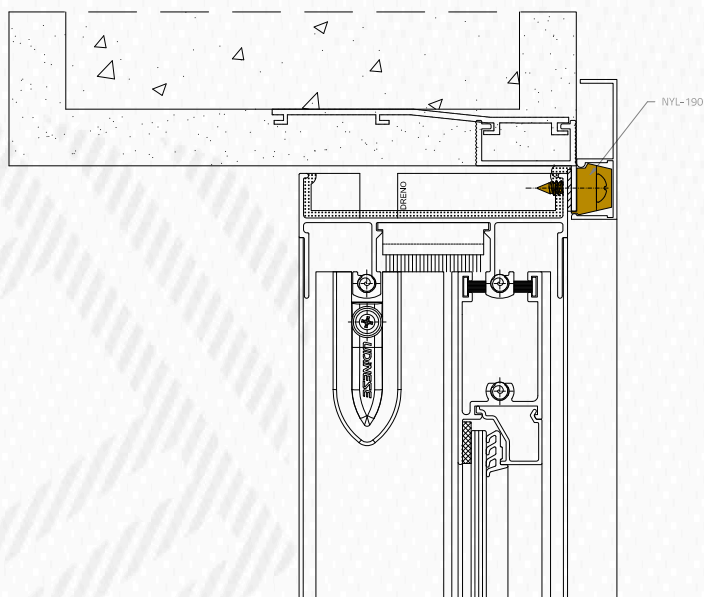
Recomendamos a utilização de 01 peça a cada 500 mm



PERSPECTIVA SEM ESCALA



VISTAS ESCALA 1:2



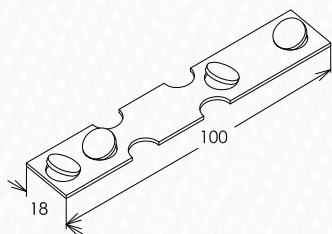
APLICAÇÃO ESCALA 1:2

CHU-PER01

Chumbador para Contramarco

Aplicável nos Perfis: CM-200/CM-ECO

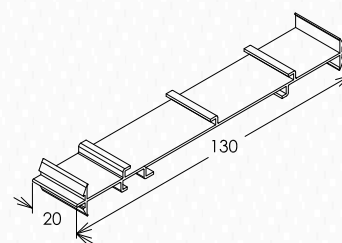
Aço Galvanizado



CHU-838

Chumbador para Contramarco

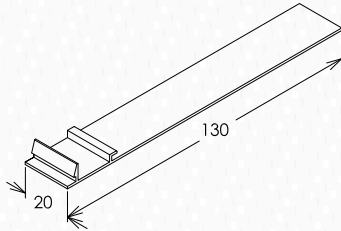
Aplicável no Perfil: CM-200



CHU-840

Chumbador para Contramarco

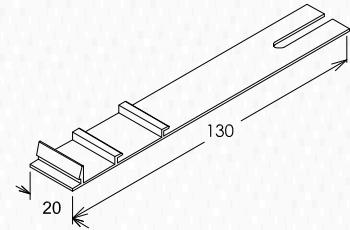
Aplicável no Perfil:
CM-200



CHU-864

Chumbador para Contramarco

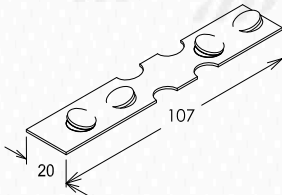
Aplicável nos Perfis:
CM-200/CM-174



CHU-787

Chumbador para Contramarco

Aplicável nos Perfis:
CM-200/CM-060



PAR-437PH

Parafuso Auto Atarraxante
Ø 3,5 x 9,5 mm

- Cabeça Panela
- Fenda Philips
- Inox



PAR-936PH

Parafuso Auto Atarraxante
Ø 4,2 x 16 mm

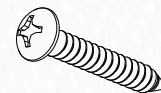
- Cabeça Panela
- Fenda Philips
- Inox



PAR-693PH

Parafuso Auto Atarraxante
Ø 4,2 x 25 mm

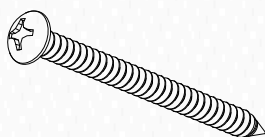
- Cabeça Panela
- Fenda Philips
- Inox



PAR-694PH

Parafuso Auto Atarraxante
Ø 4,2 x 32 mm

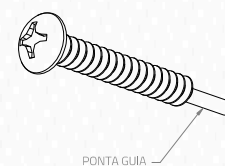
- Cabeça Panela
- Fenda Philips
- Inox



PAR-428PH

Parafuso Auto Atarraxante
Ø 4,8 x 38 mm

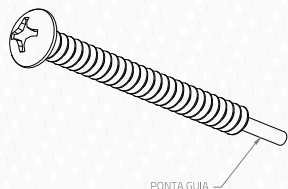
- Cabeça Panela
- Fenda Philips
- Inox



PAR-431PH

Parafuso Auto Atarraxante
Ø 4,8 x 50 mm

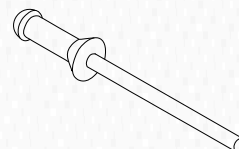
- Cabeça Panela
- Fenda Philips
- Inox



REB-115

Rebite de Repuxo
Ø 4 x 10,2 mm

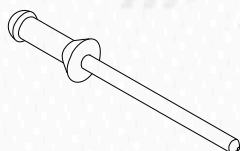
Equivalência: REB-540



REB-117

Rebite de Repuxo
Ø 3,2 x 10,2 mm

Equivalência: REB-440



SIL-706

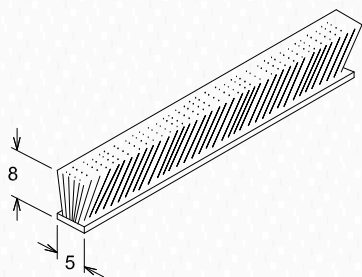
Silicone cura neutra para vedação

Cores:
Branco / Preto / Incolor / Cinza



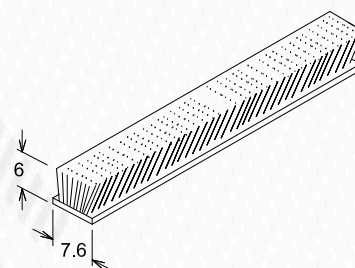
FIT-212

Escova de Vedação com
Barreira Plástica - 5 x 8 mm



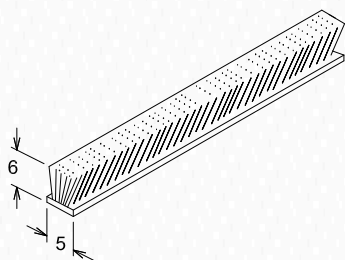
FIT-246

Escova de Vedação com
Barreira Plástica - 7,6 x 6 mm



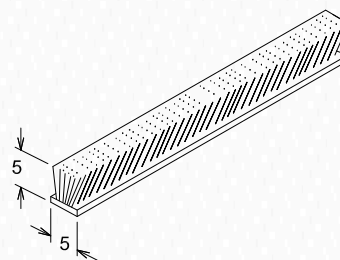
FIT-206

Escova de Vedação com
Barreira Plástica - 5 x 6 mm



FIT-200

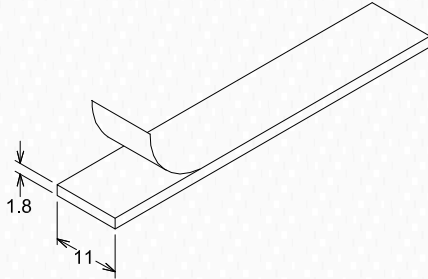
Escova de Vedação com
Barreira Plástica - 5 x 5 mm



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

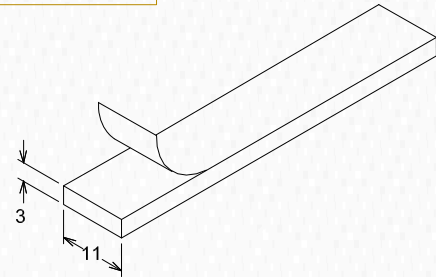
GUA-172

Guarnição adesiva
esponjosa - 11 x 1,8 mm



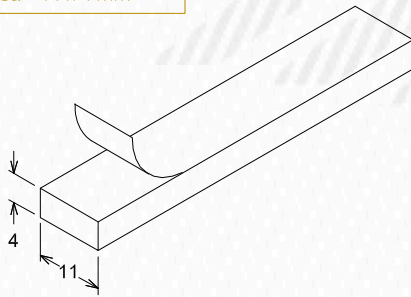
GUA-171

Guarnição adesiva
esponjosa - 11 x 3 mm



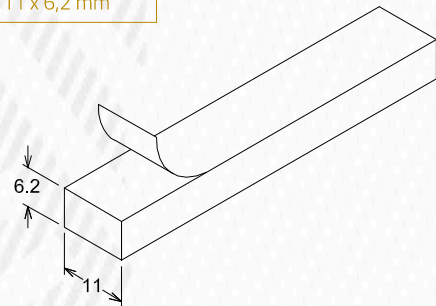
GUA-258

Guarnição adesiva
esponjosa - 11 x 4 mm



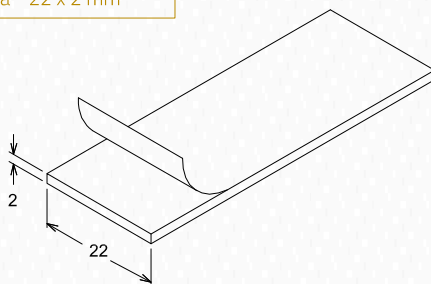
GUA-157

Guarnição adesiva
esponjosa - 11 x 6,2 mm



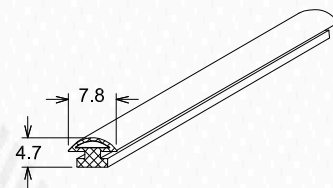
GUA-282

Guarnição adesiva
esponjosa - 22 x 2 mm



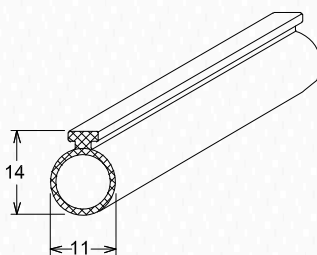
GUA-053

Guarnição em EPDM



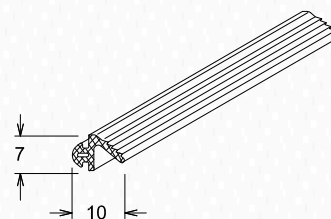
GUA-007

Guarnição em EPDM



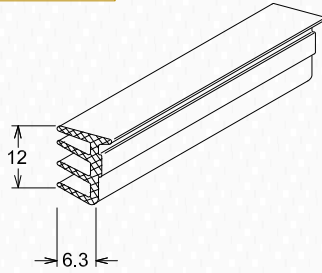
GUA-239

Guarnição em EPDM



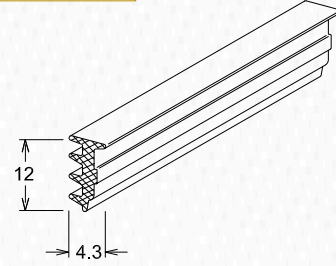
GUA-256

Guarnição em EPDM



GUA-259

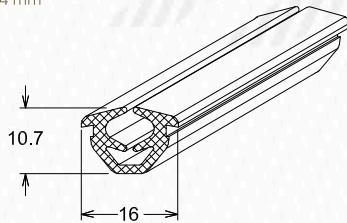
Guarnição em EPDM



GUA-284

Guarnição em EPDM

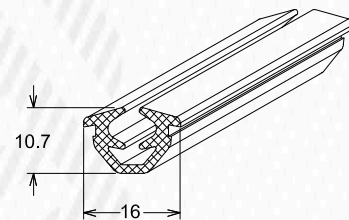
Para vidro de 4 mm



GUA-283

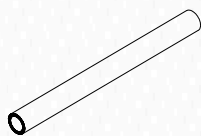
Guarnição em EPDM

Para vidros de 5 e 6 mm



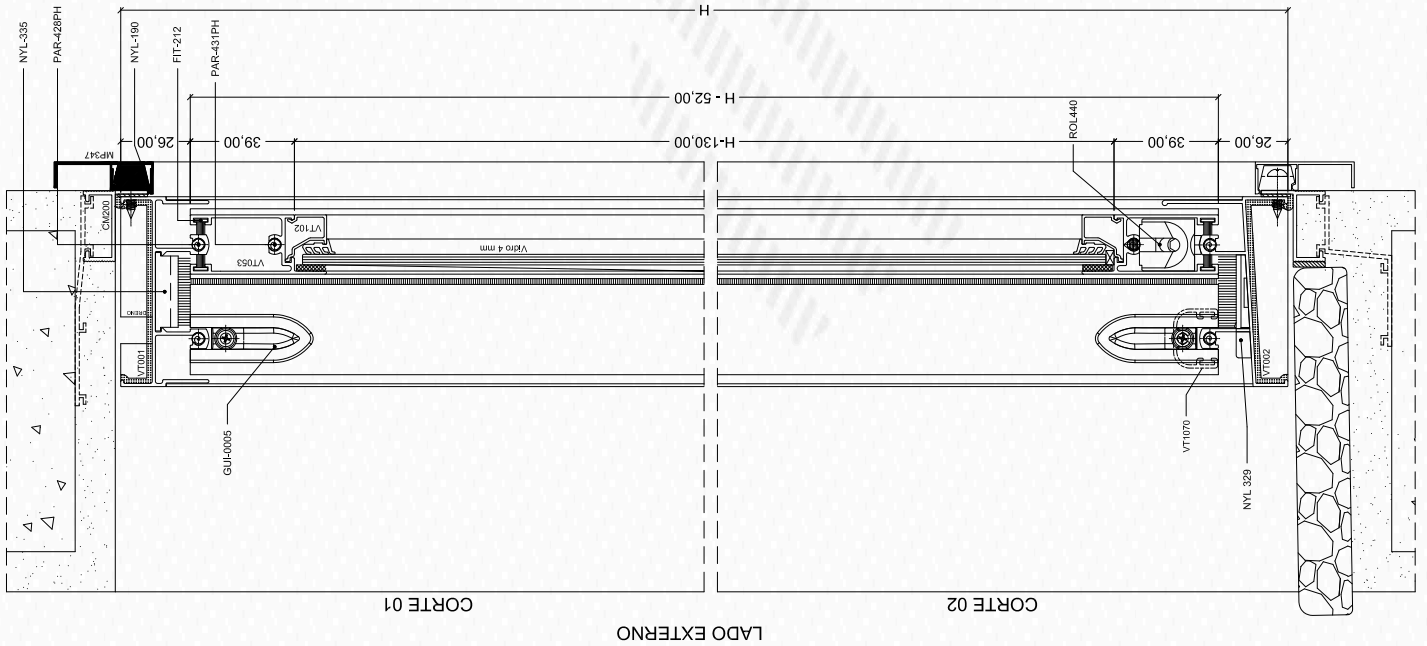
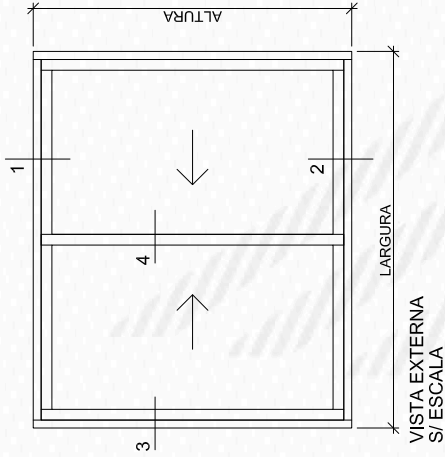
GUA-006

Guarnição em EPDM



JANELA DE CORRER 2 FOLHAS

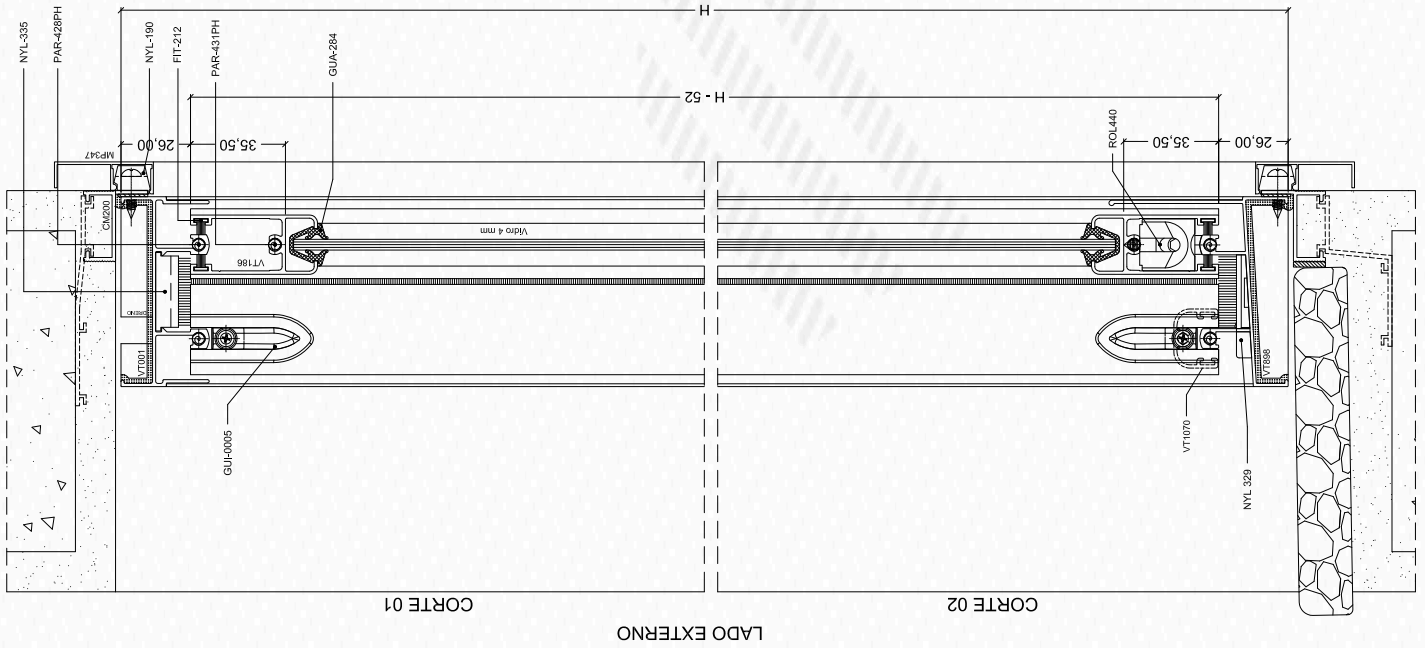
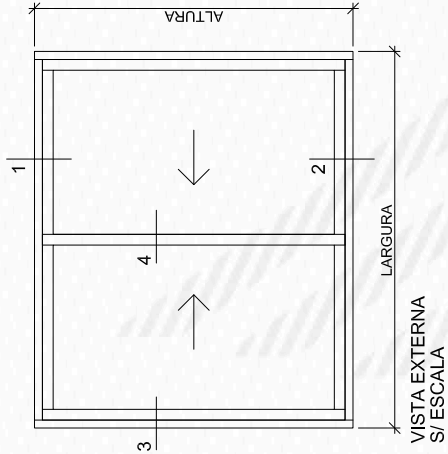
OPÇÃO COM BAGUETE



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

JANELA DE CORRER 2 FOLHAS

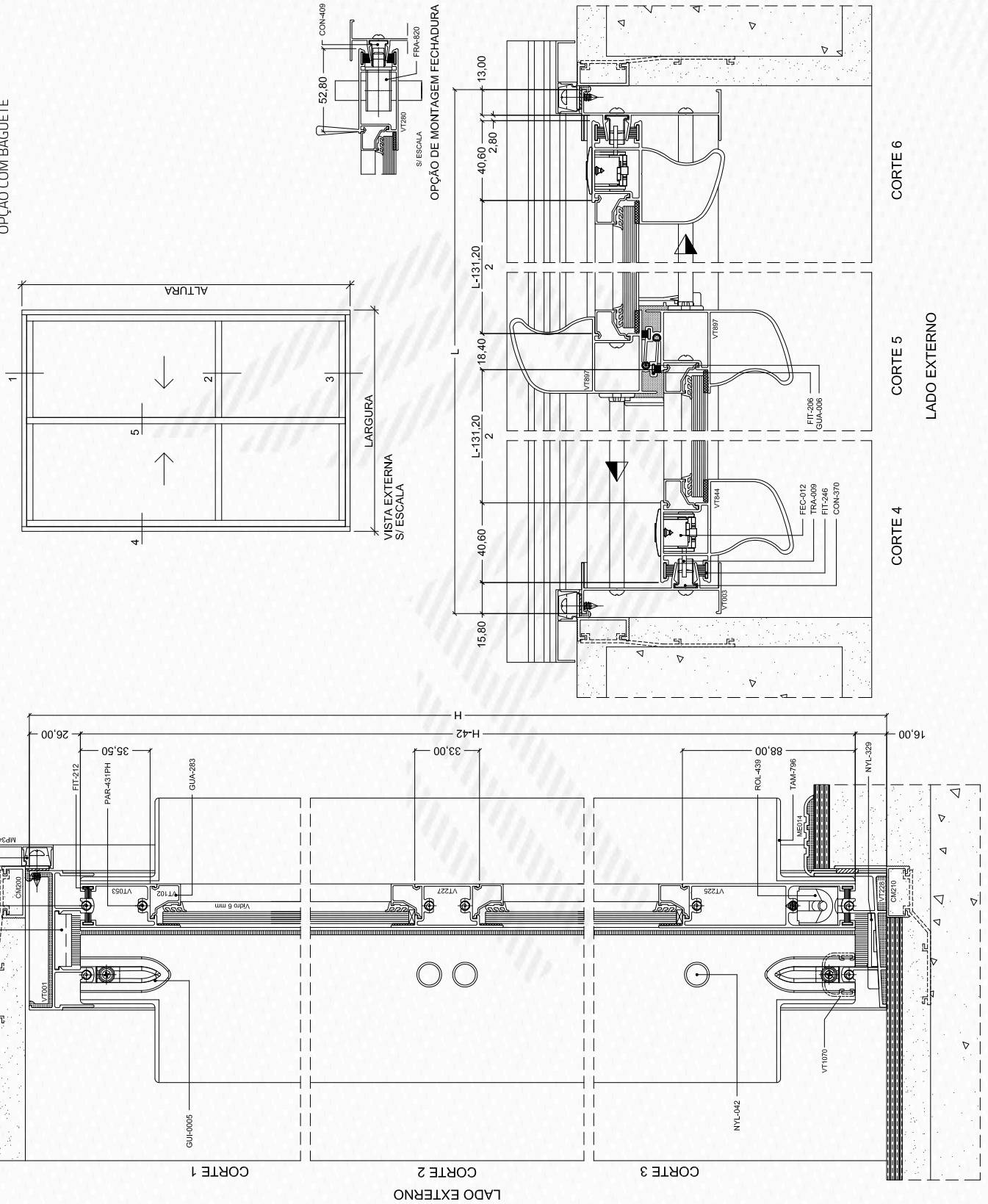
OPÇÃO SEM BAGUETE



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

PORTA DE CORRER 2 FOLHAS

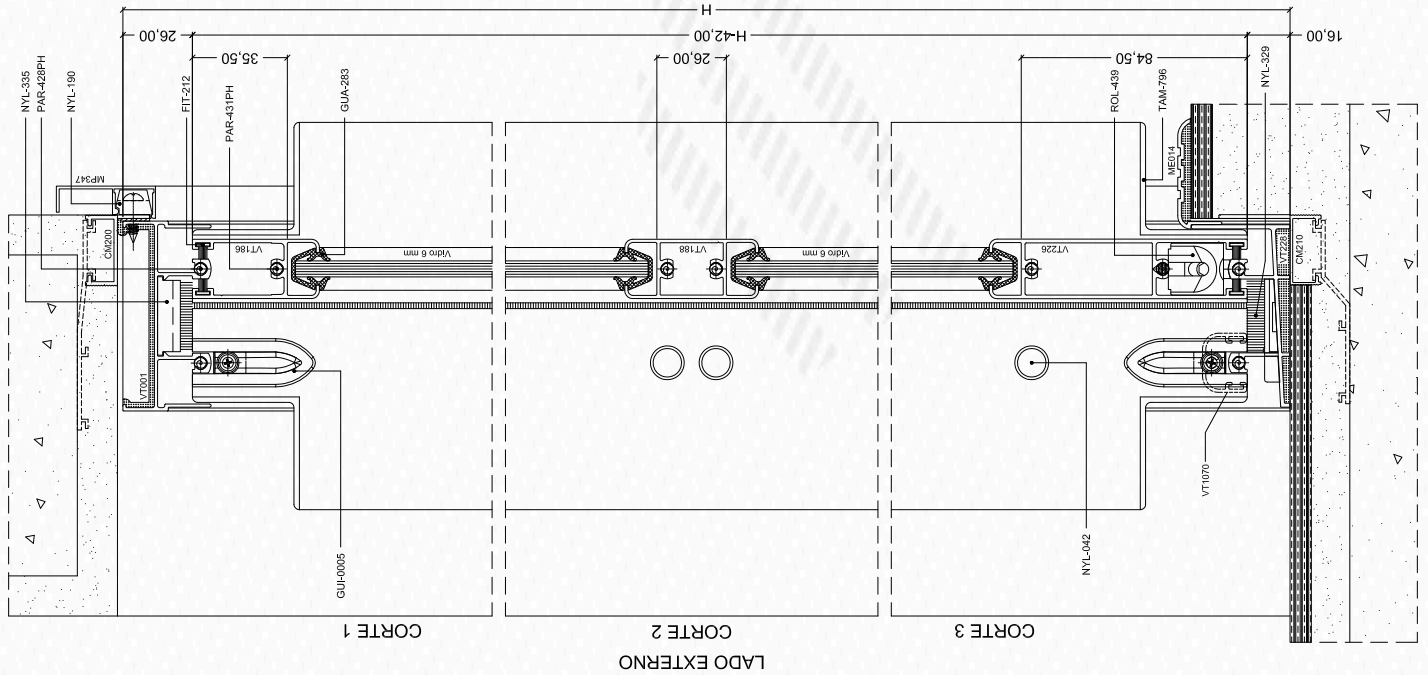
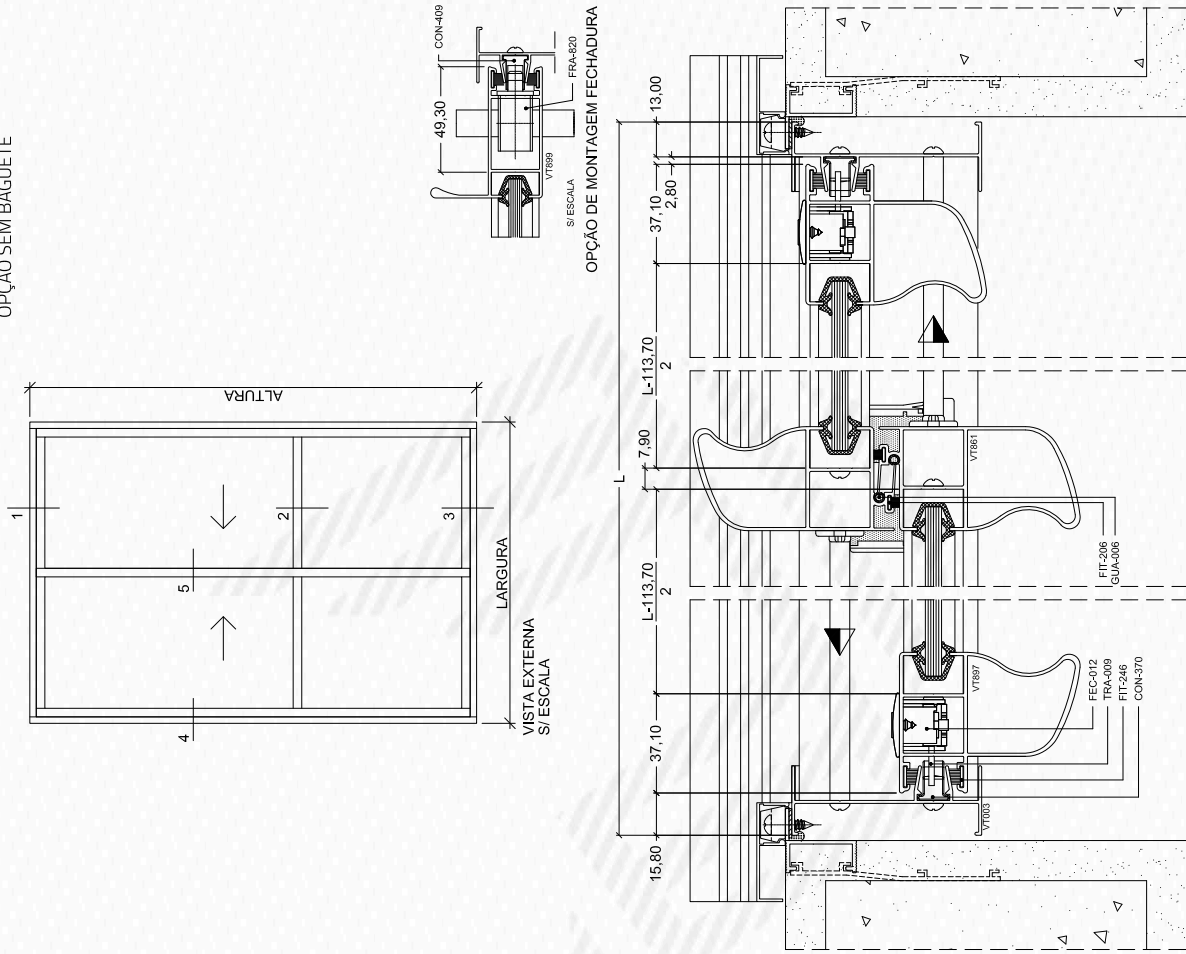
OPÇÃO COM BAGUETE



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

PORTA DE CORRER 2 FOLHAS

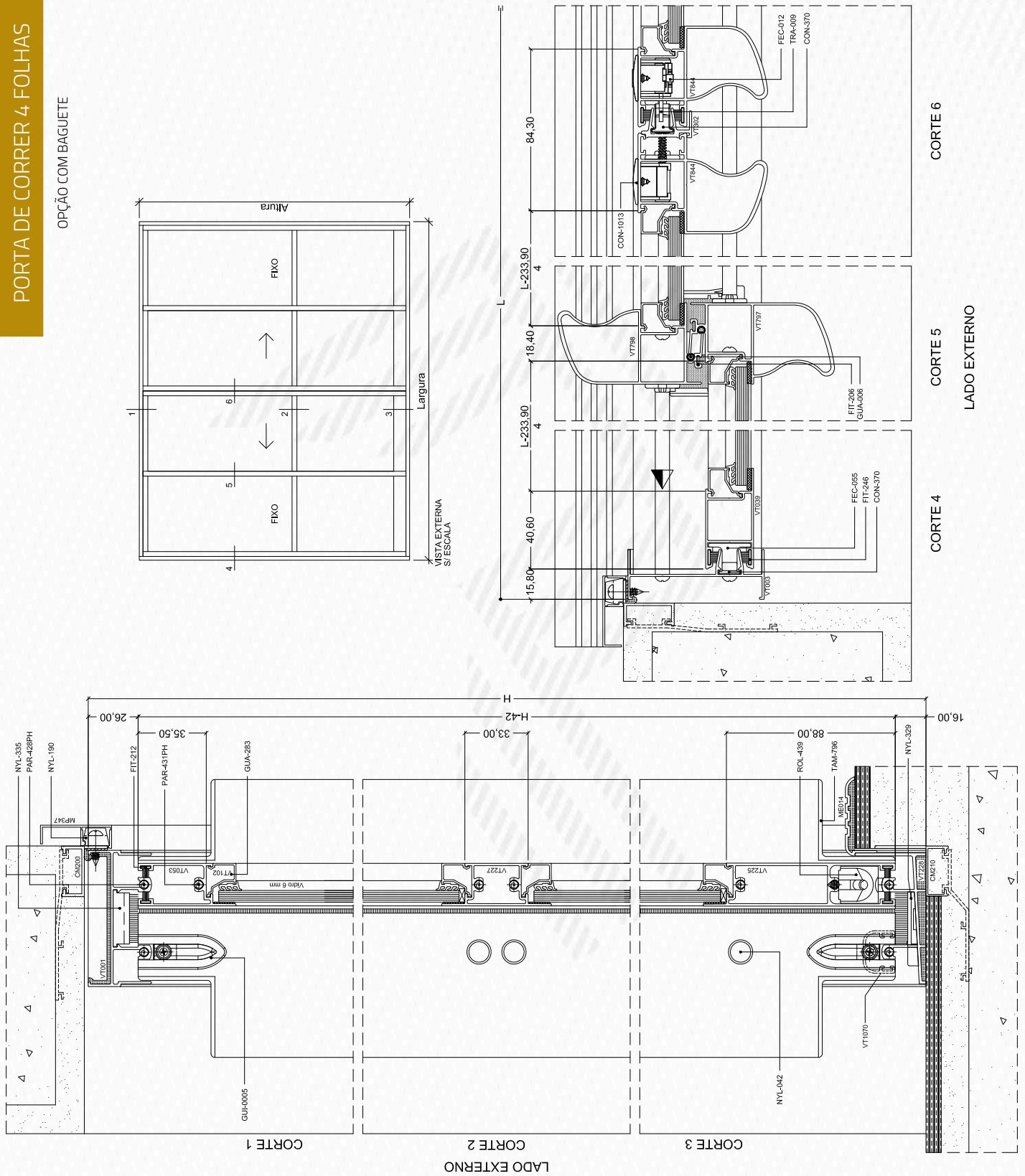
OPÇÃO SEM BAGUETE



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

PORTA DE CORRER 4 FOLHAS

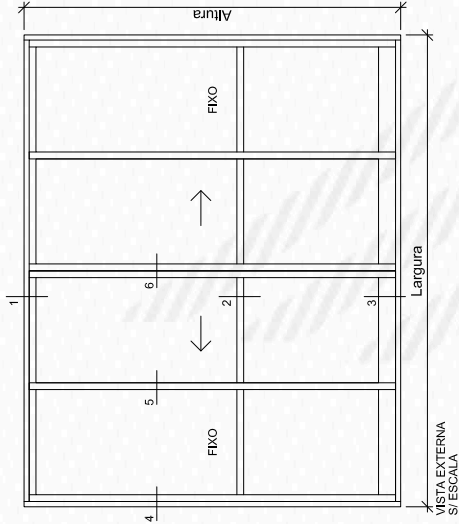
OPÇÃO COM BAGUETE



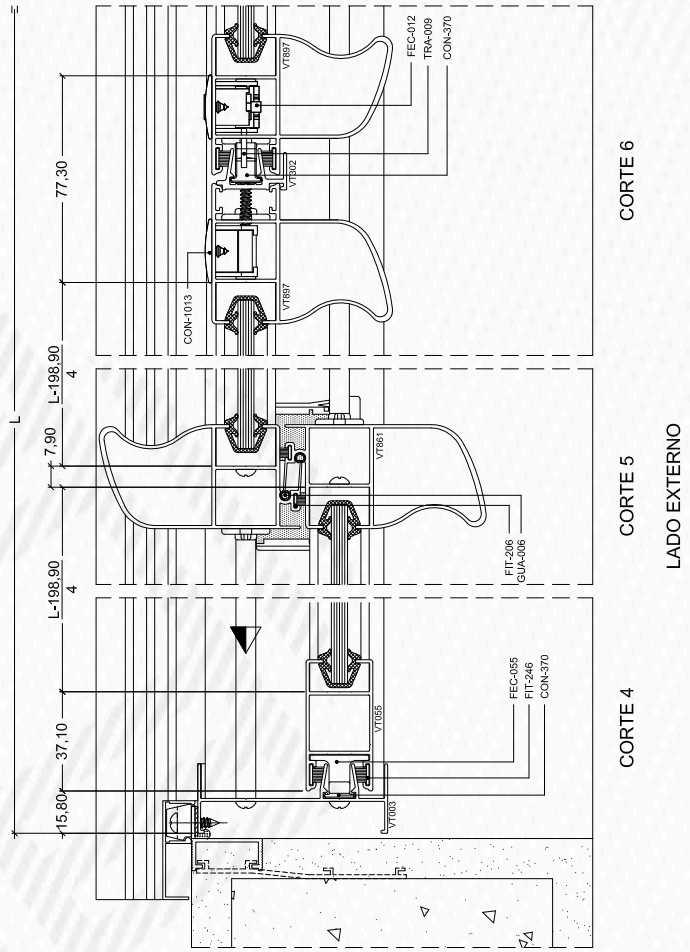
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

PORTA DE CORRER 4 FOLHAS

OPÇÃO SEM BAGUETE



VISTA EXTERNA
S/ ESCALA

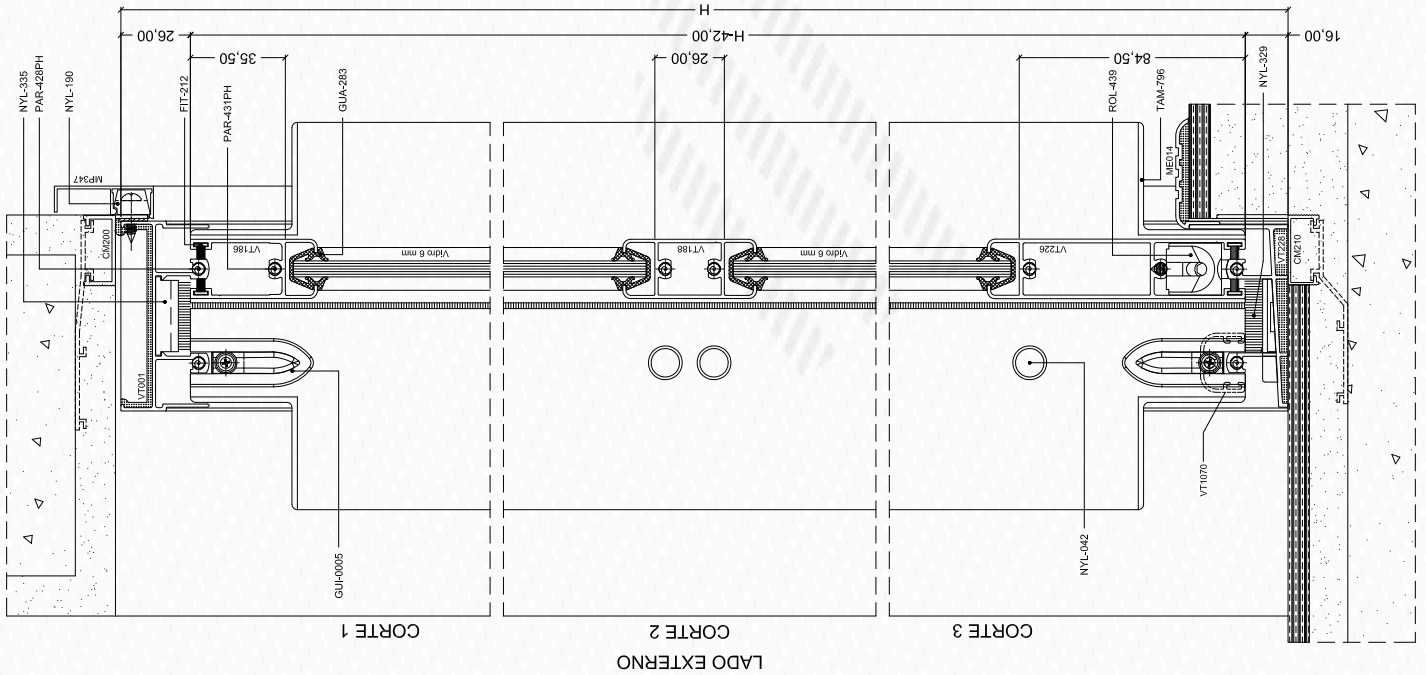


CORTE 4

CORTE 5

CORTE 6

LADO EXTERNO



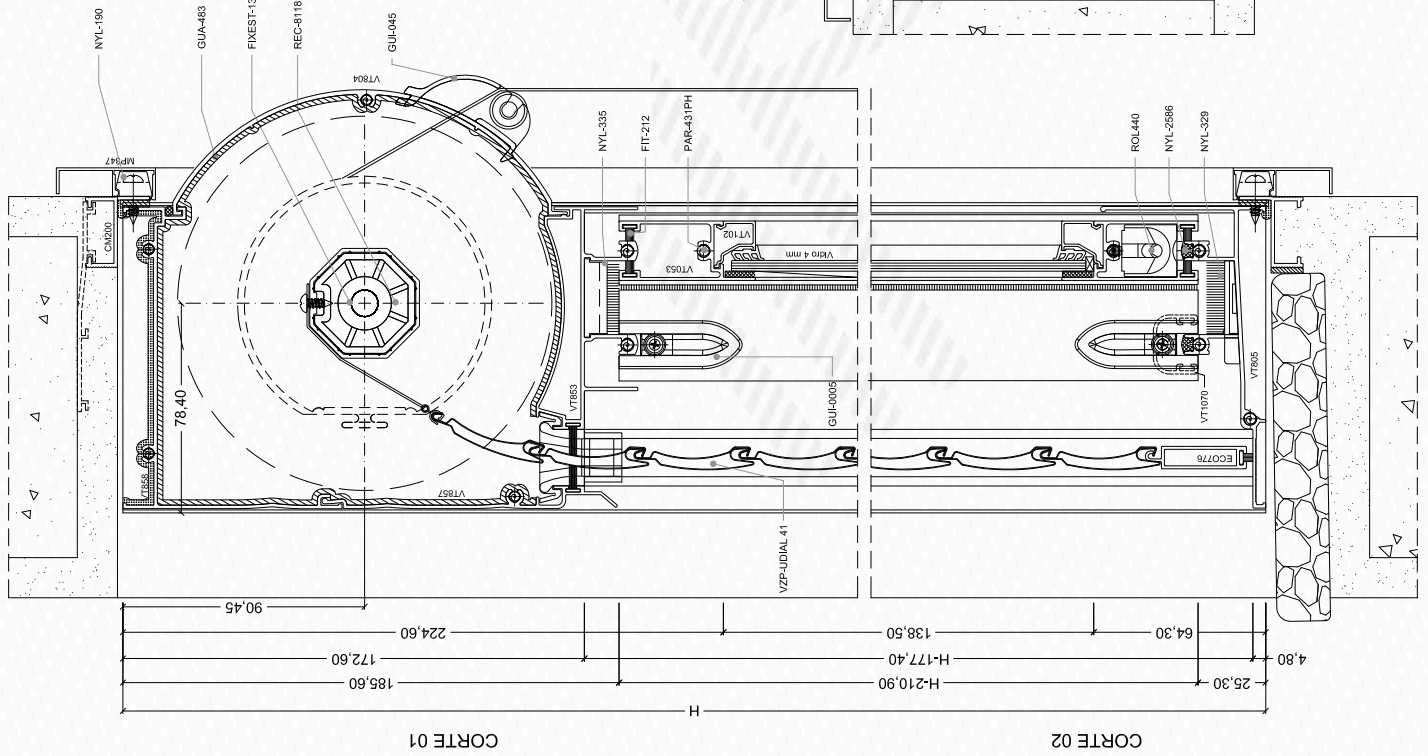
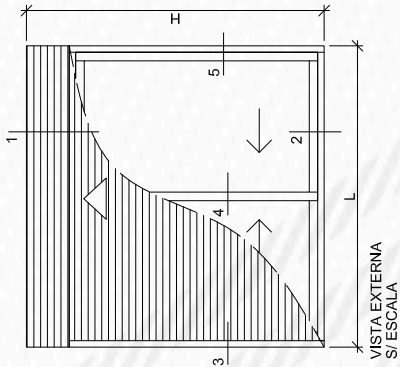
CORTE 1

LADO EXTERNO
CORTE 2

CORTE 3

JANELA INTEGRADA DE CORRER 2 FOLHAS

OPÇÃO COM BAGUETE



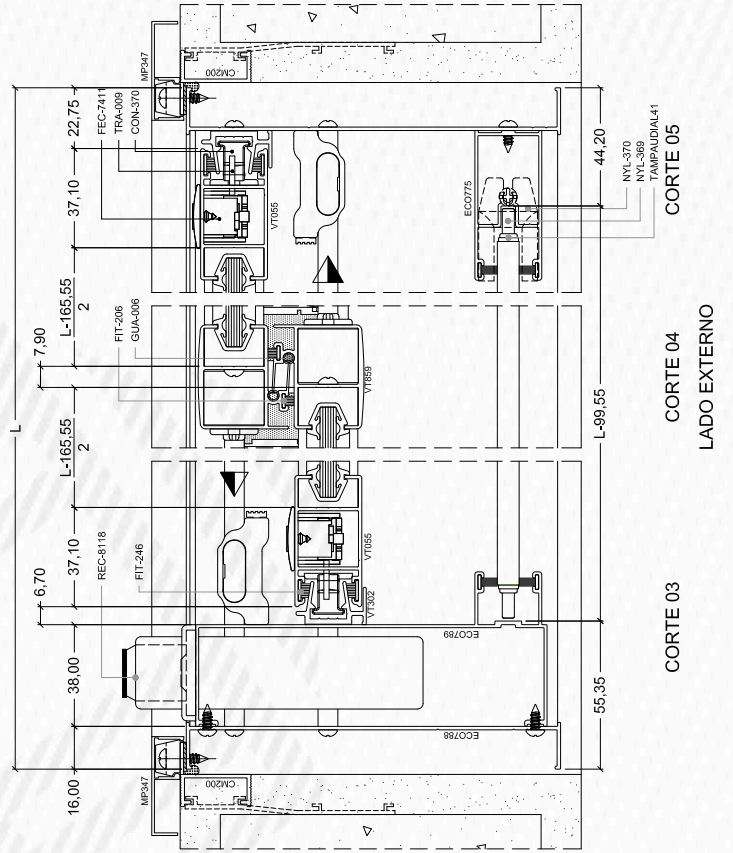
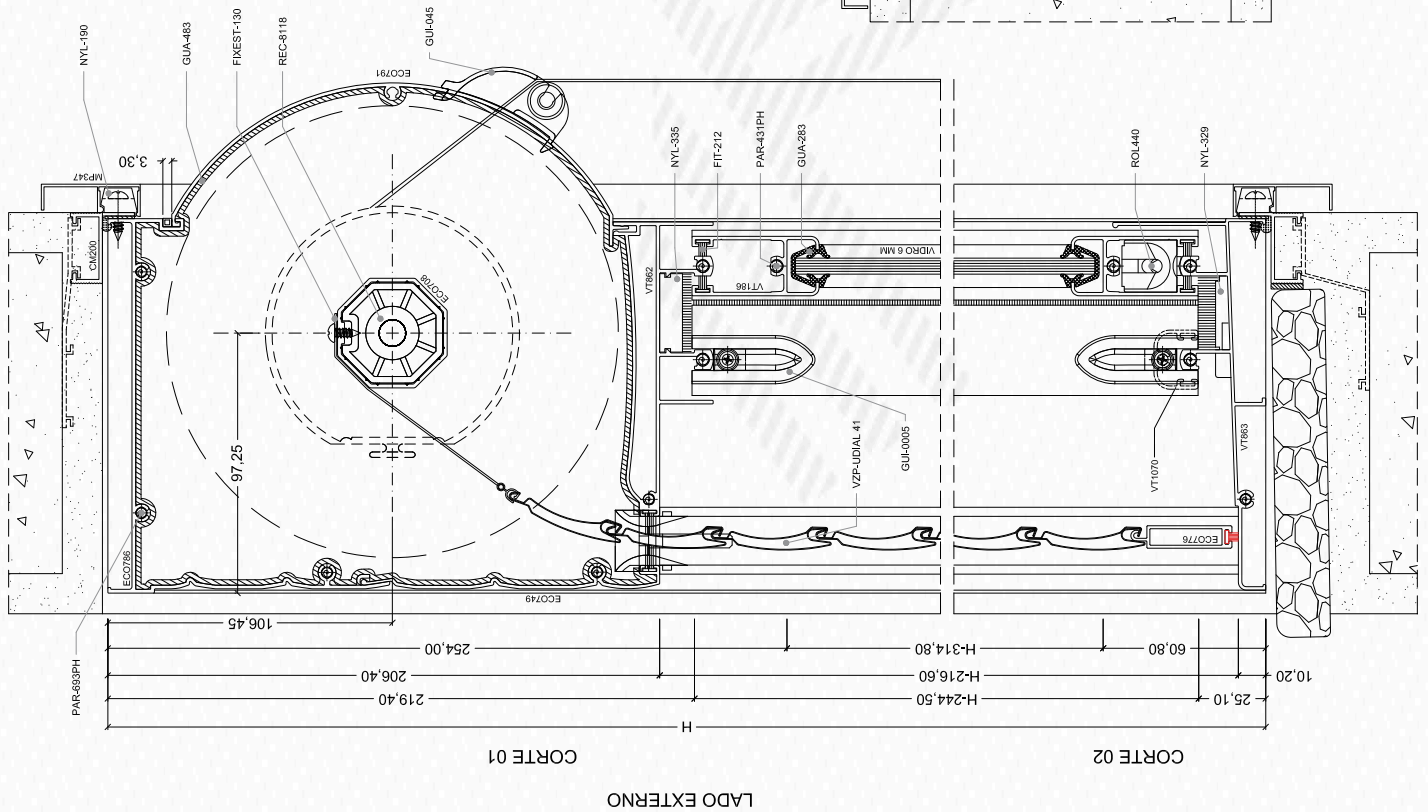
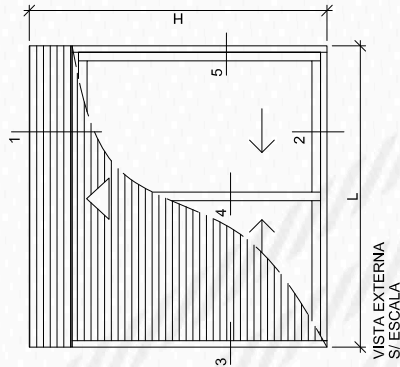
LADO EXTERNO

LADO EXTERNO

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

JANELA INTEGRADA DE CORRER
2 FOLHAS

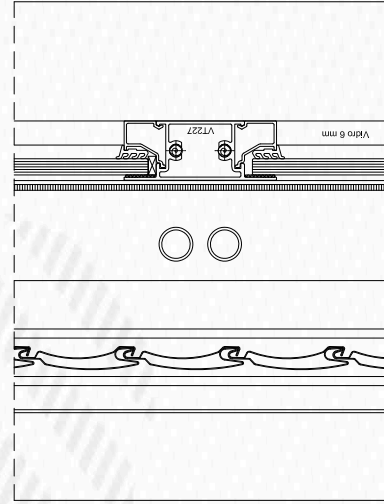
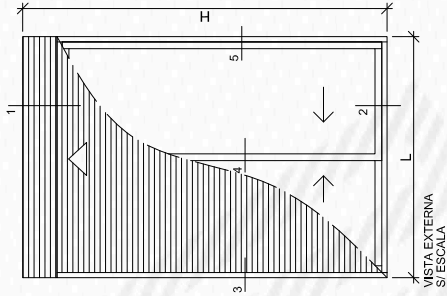
OPÇÃO SEM BAGUETE



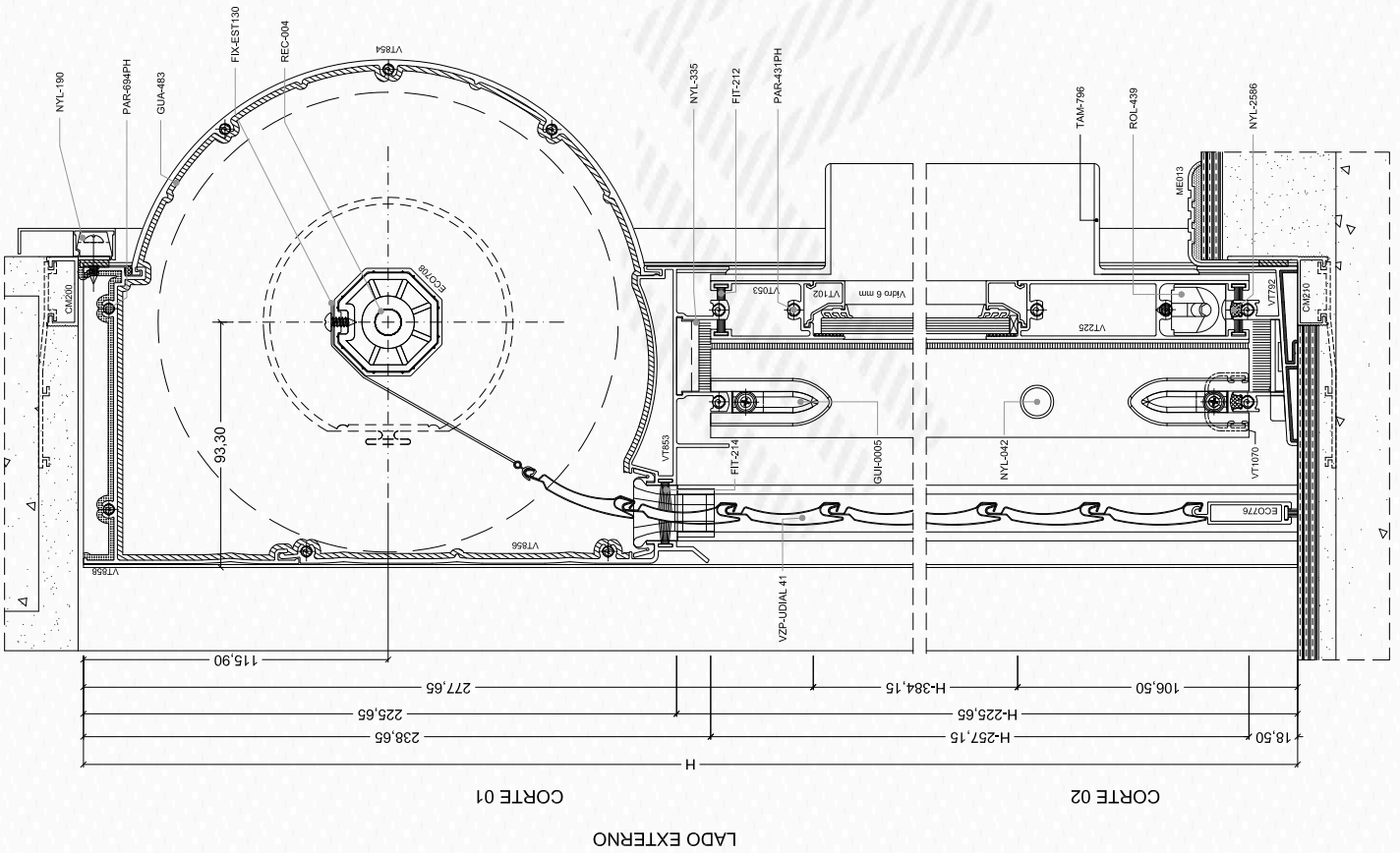
PERFILS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

PORTA INTEGRADA DE CORRER
2 FOLHAS

OPÇÃO COM BAGUETE



CORTE OPÇÃO C/ TRAVESSA



CORTE 01

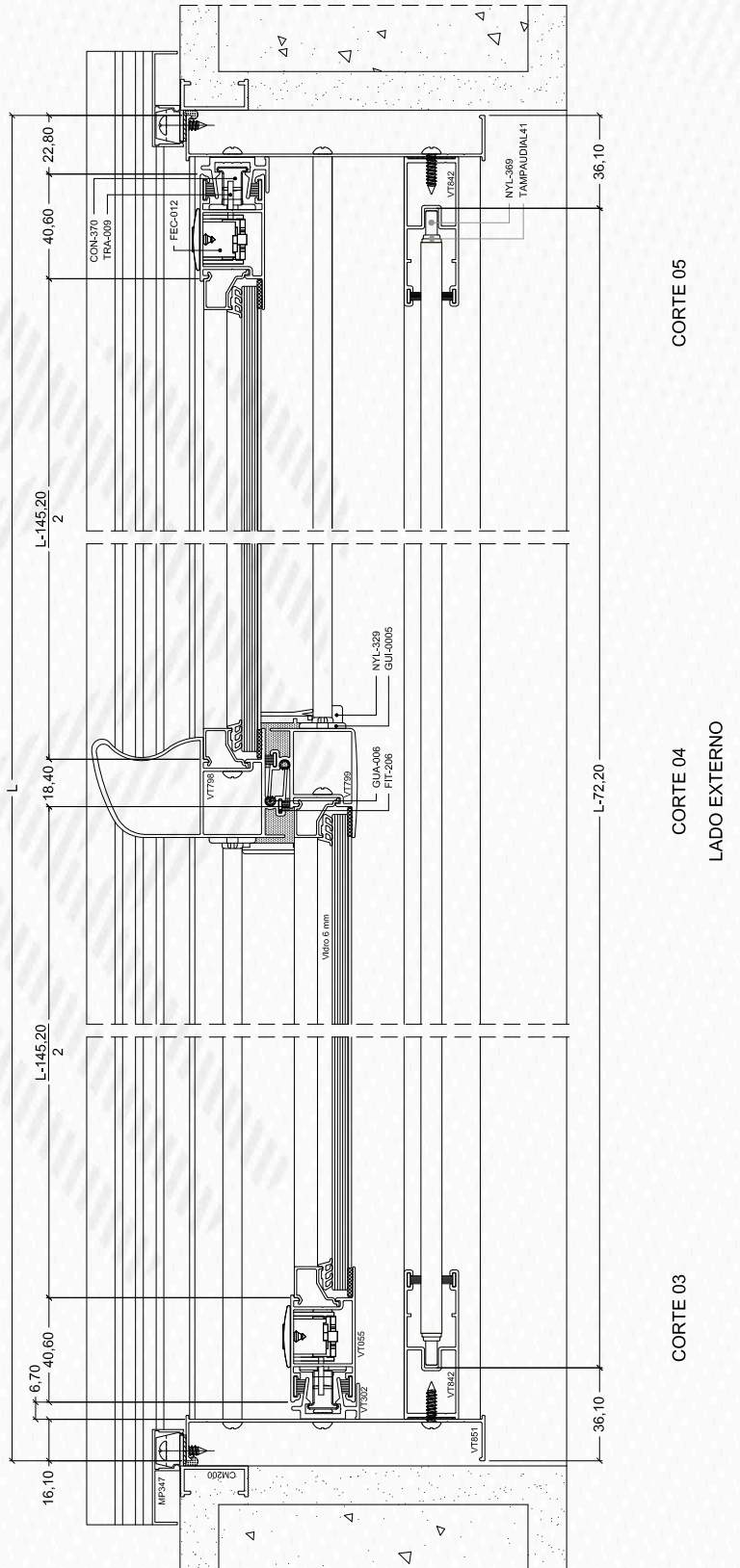
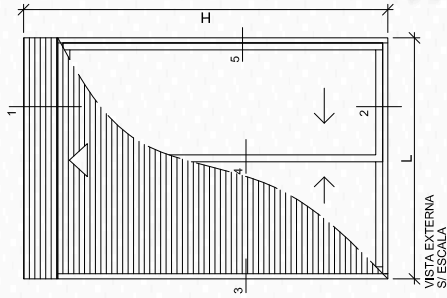
CORTE 02

LADO EXTERNO

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

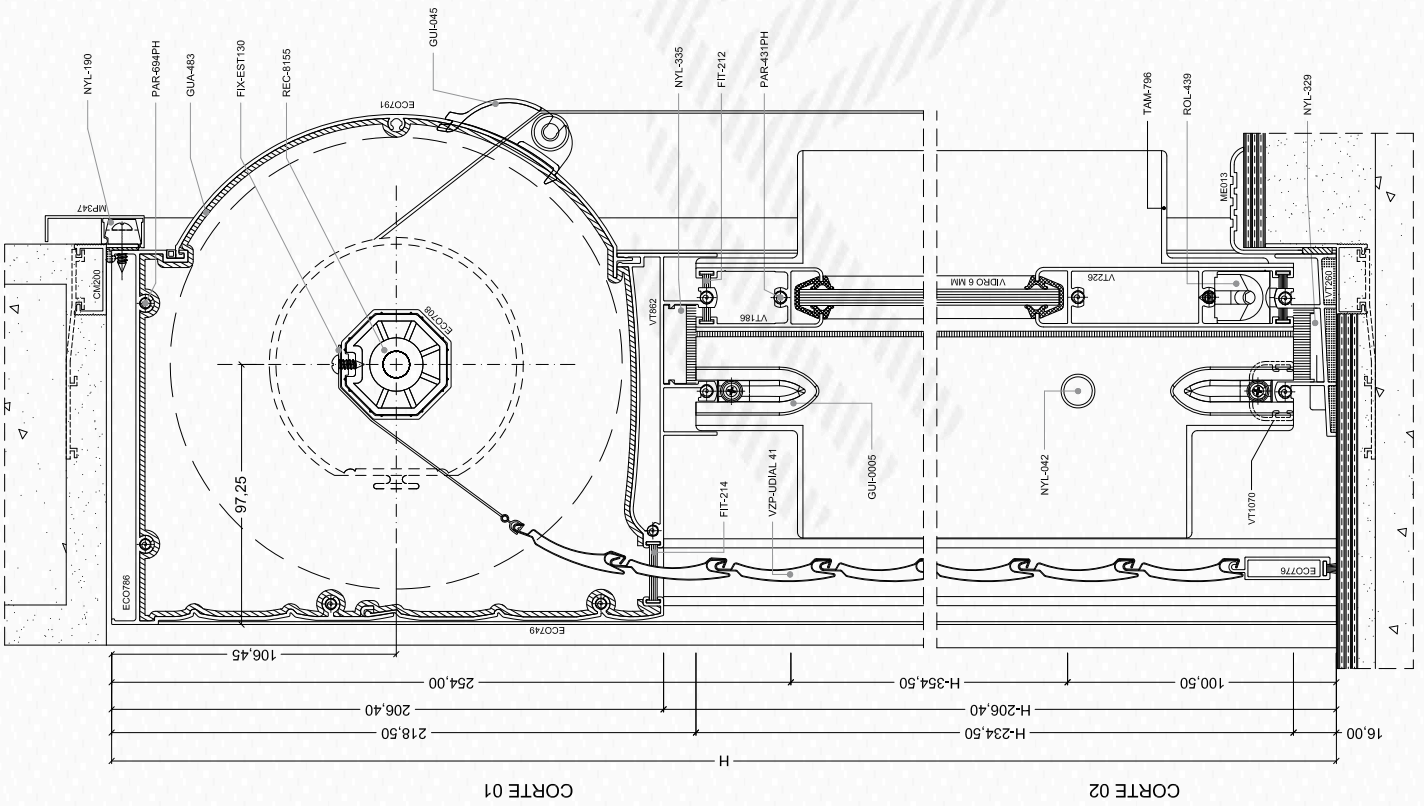
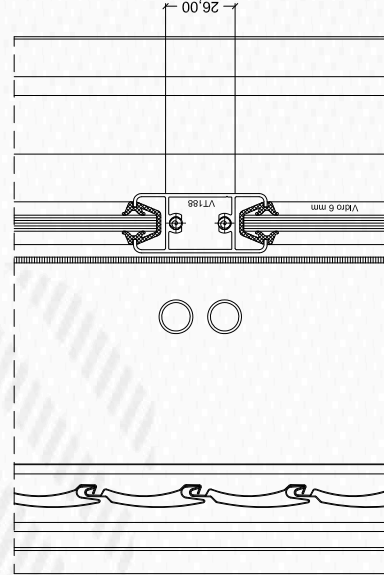
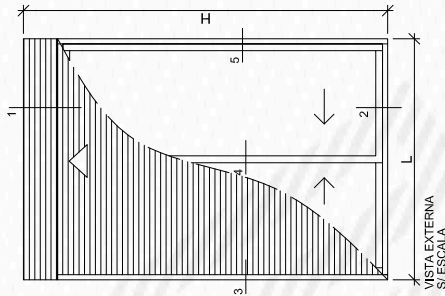
PORTA INTEGRADA DE CORRER
2 FOLHAS

OPÇÃO COM BAGUETE



PORTA INTEGRADA DE CORRER
2 FOLHAS

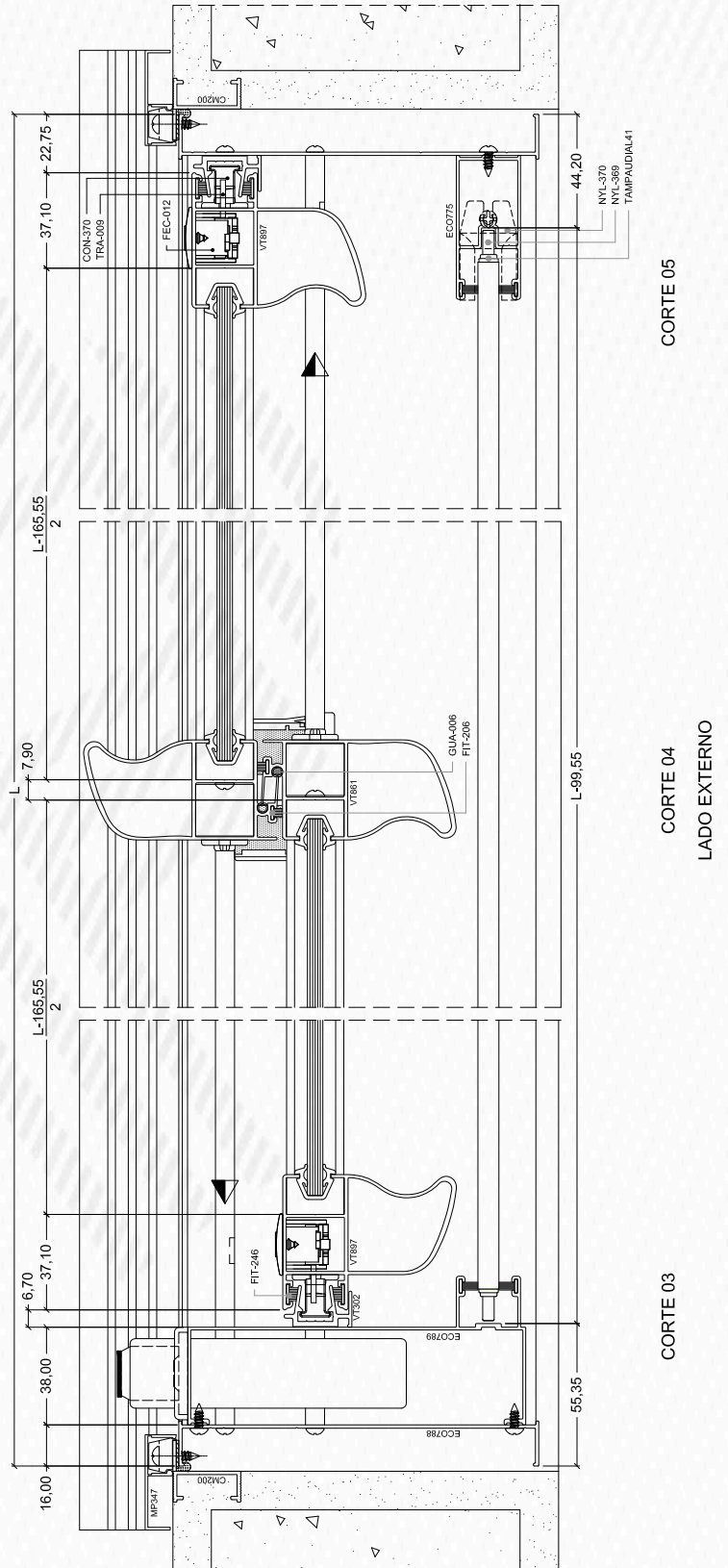
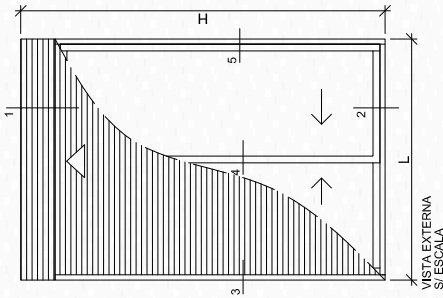
OPÇÃO SEM BAGUETE



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

PORTA INTEGRADA DE CORRER
2 FOLHAS

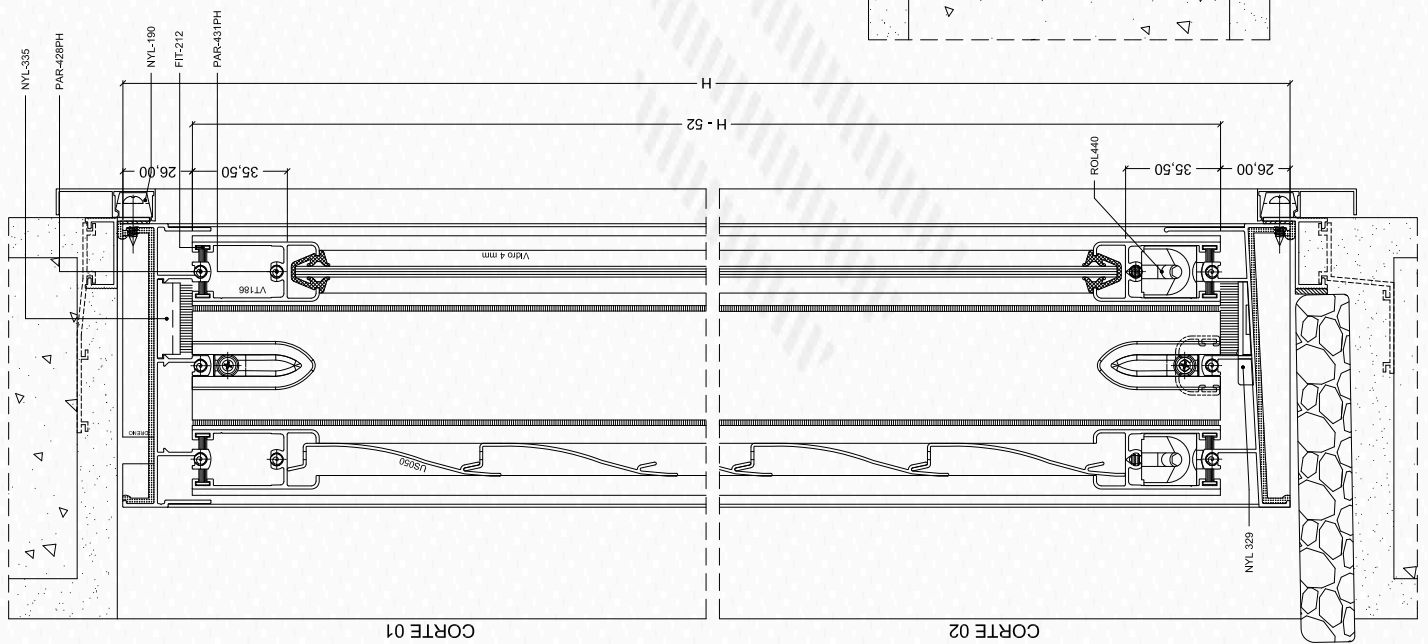
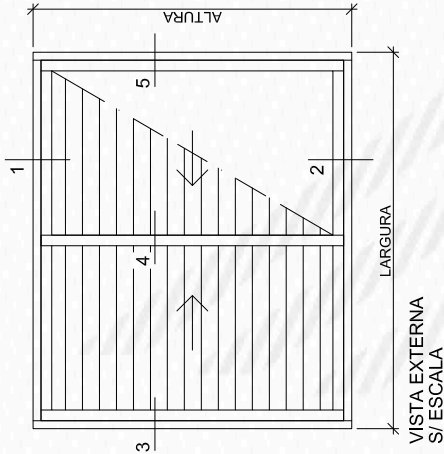
OPÇÃO SEM BAGUETE



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

PORTA INTEGRADA DE CORRER
2 FOLHAS

OPÇÃO SEM BAGUETE

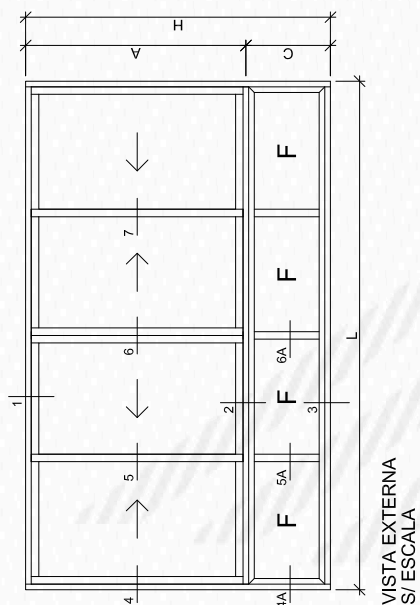


LADO EXTERNO

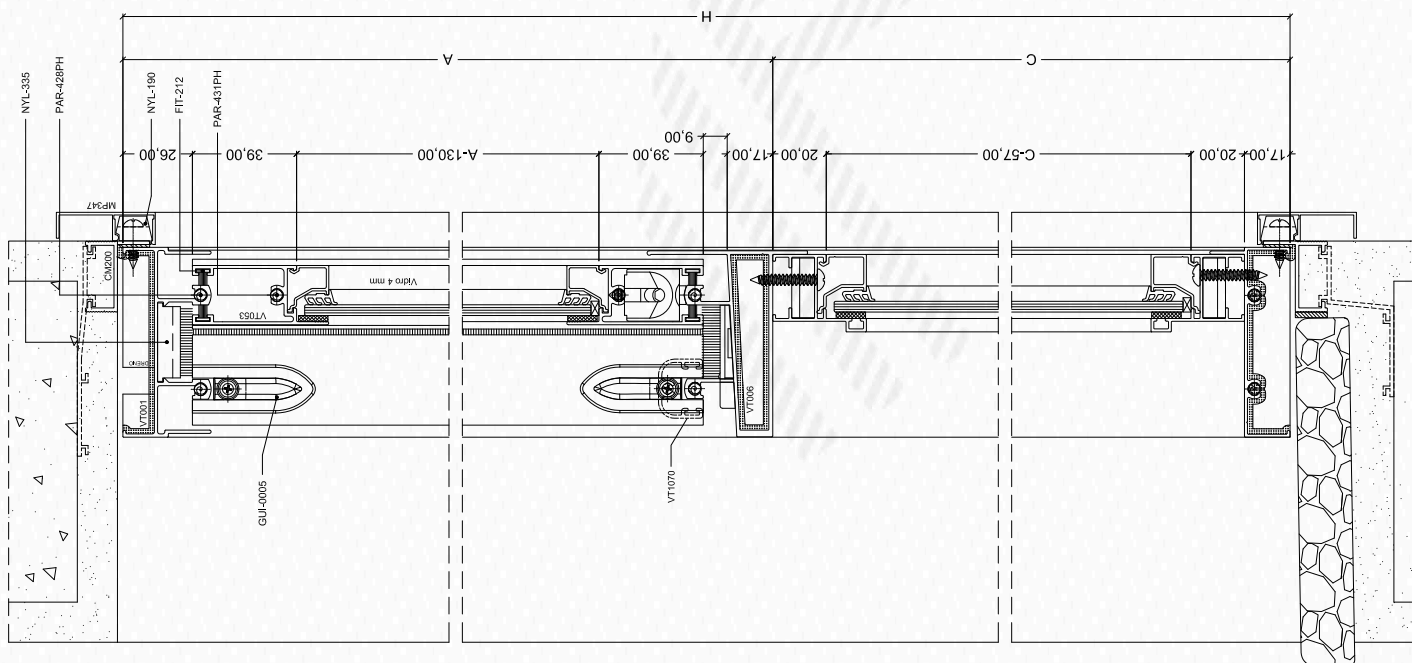
LADO EXTERNO

JANELA DE CORRER 4 FOLHAS
COM PEITORIL FIXO

OPÇÃO COM BAGUETE



VISTA EXTERNA
S/ ESCALA



CORTE 01

CORTE 02

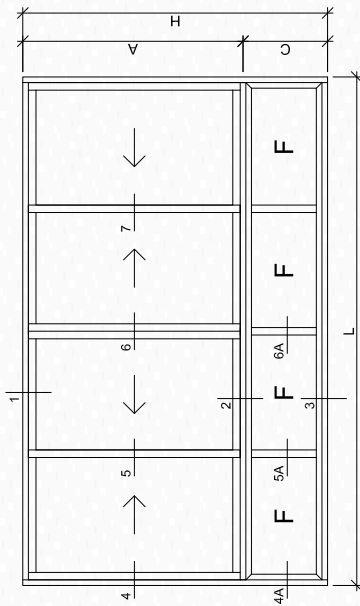
CORTE 03

LADO EXTERNO

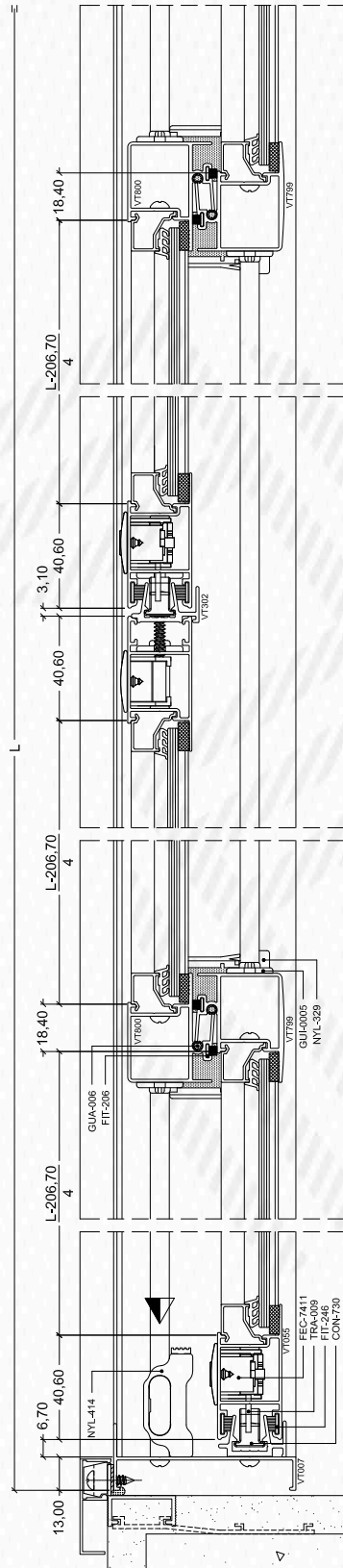
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

JANELA DE CORRER 4 FOLHAS
COM PEITORIL FIXO

OPÇÃO COM BAGUETE



VISTA EXTERNA
S/ ESCALA

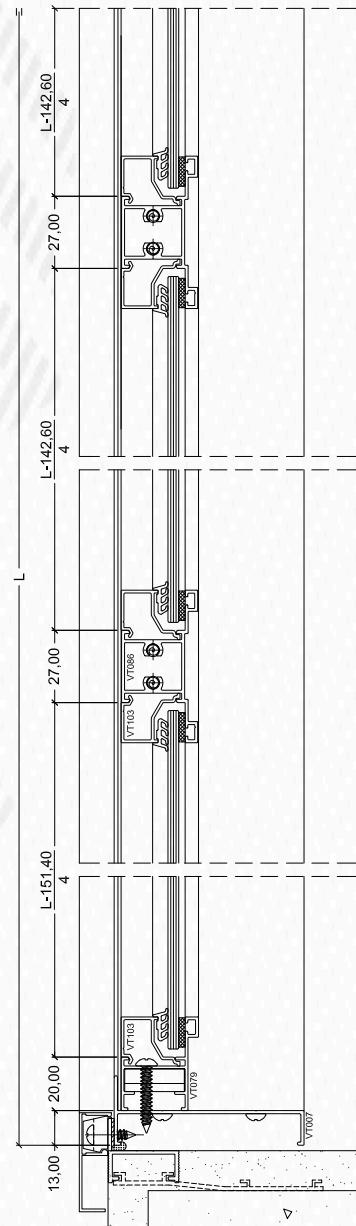


CORTE 04

CORTE 05

CORTE 06

CORTE 07



CORTE 4A

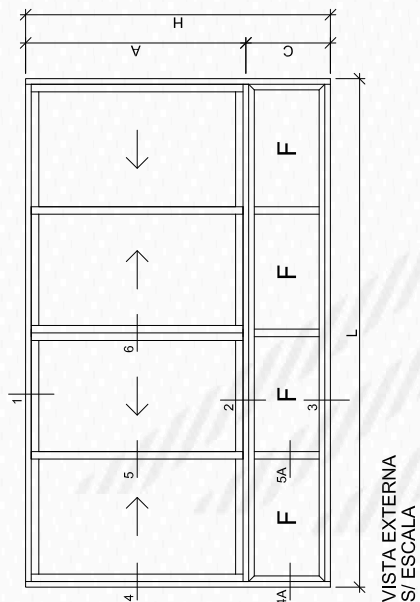
CORTE 5A

CORTE 6A

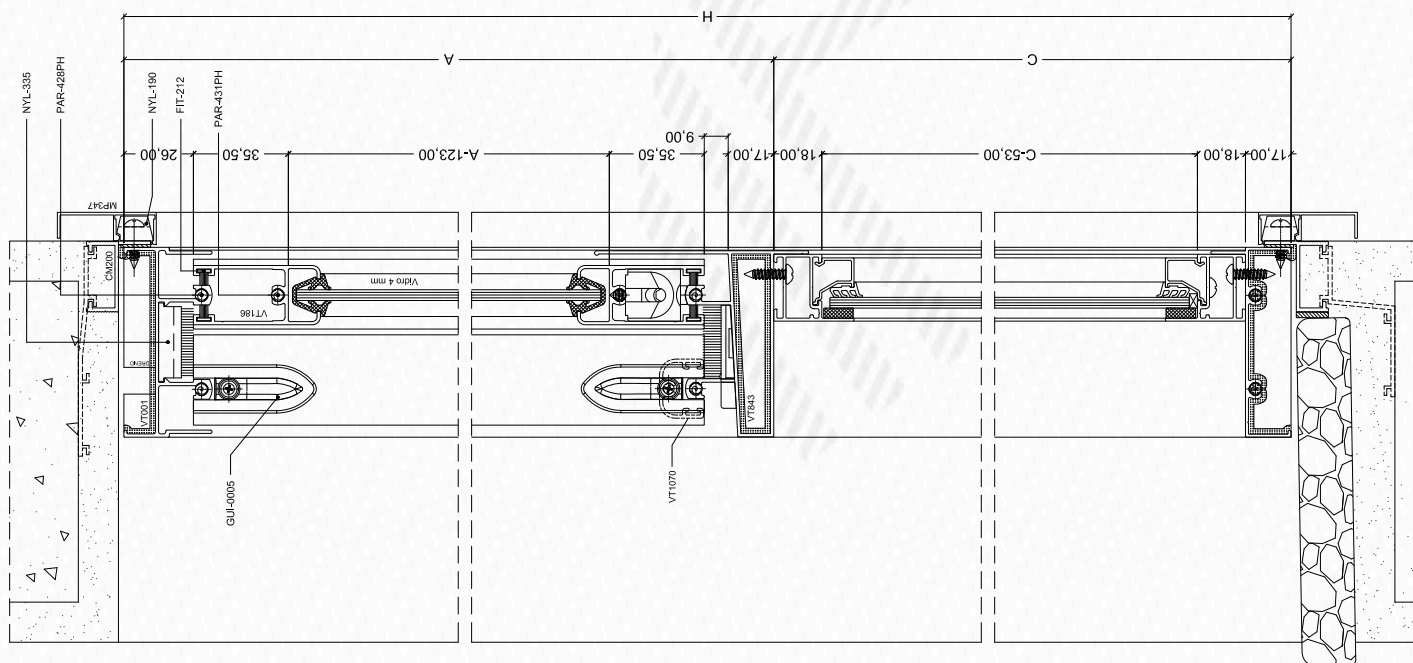
LADO EXTERNO

JANELA DE CORRER 4 FOLHAS
COM PEITORIL FIXO

OPÇÃO SEM BAGUETE



VISTA EXTERNA
S/ ESCALA



CORTE 01

CORTE 02

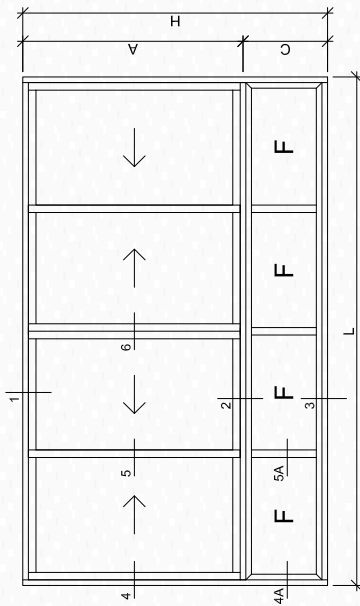
CORTE 03

LADO EXTERNO

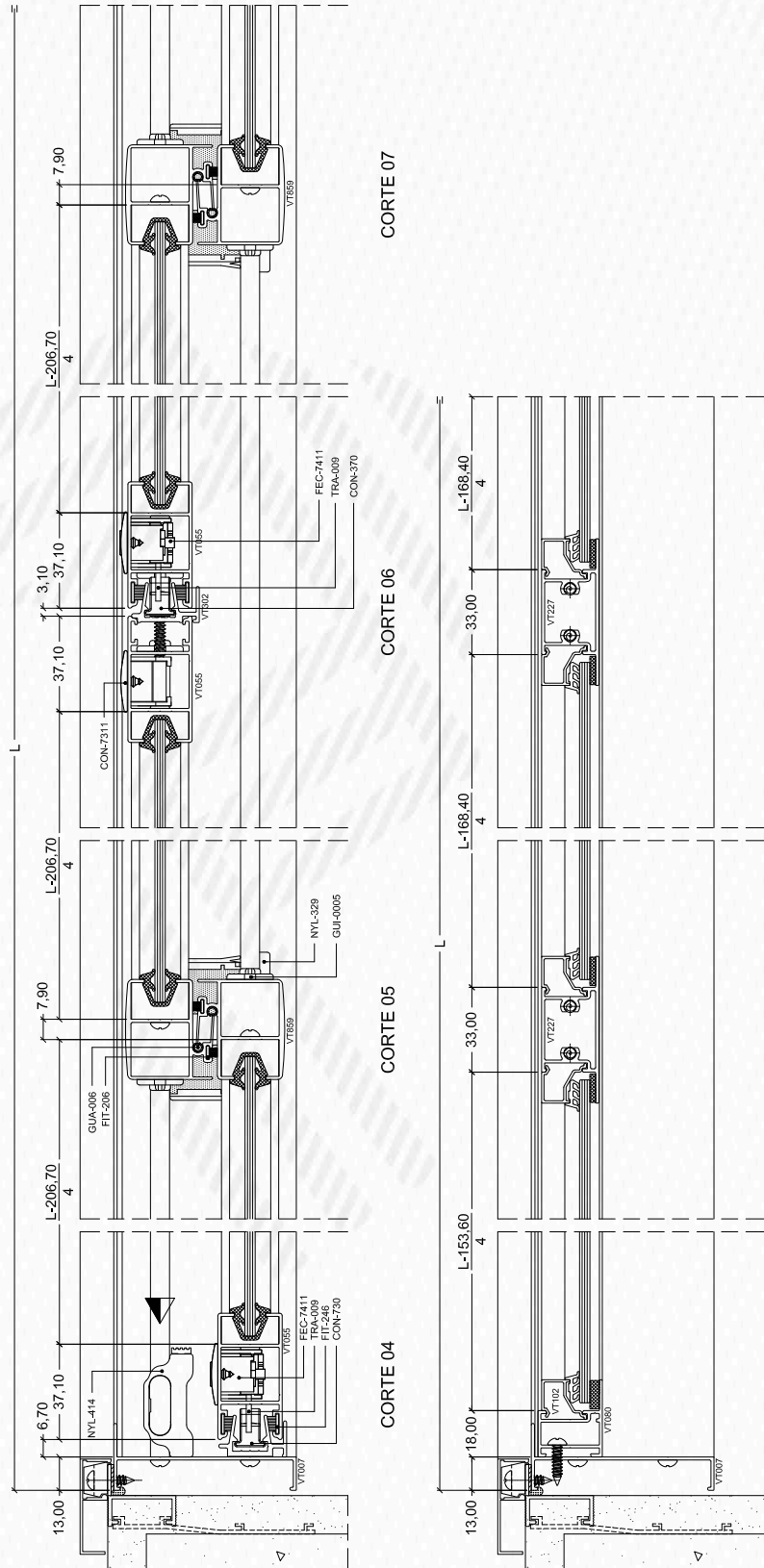
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

JANELA DE CORRER 4 FOLHAS
COM PEITORIL FIXO

OPÇÃO SEM BAGUETE

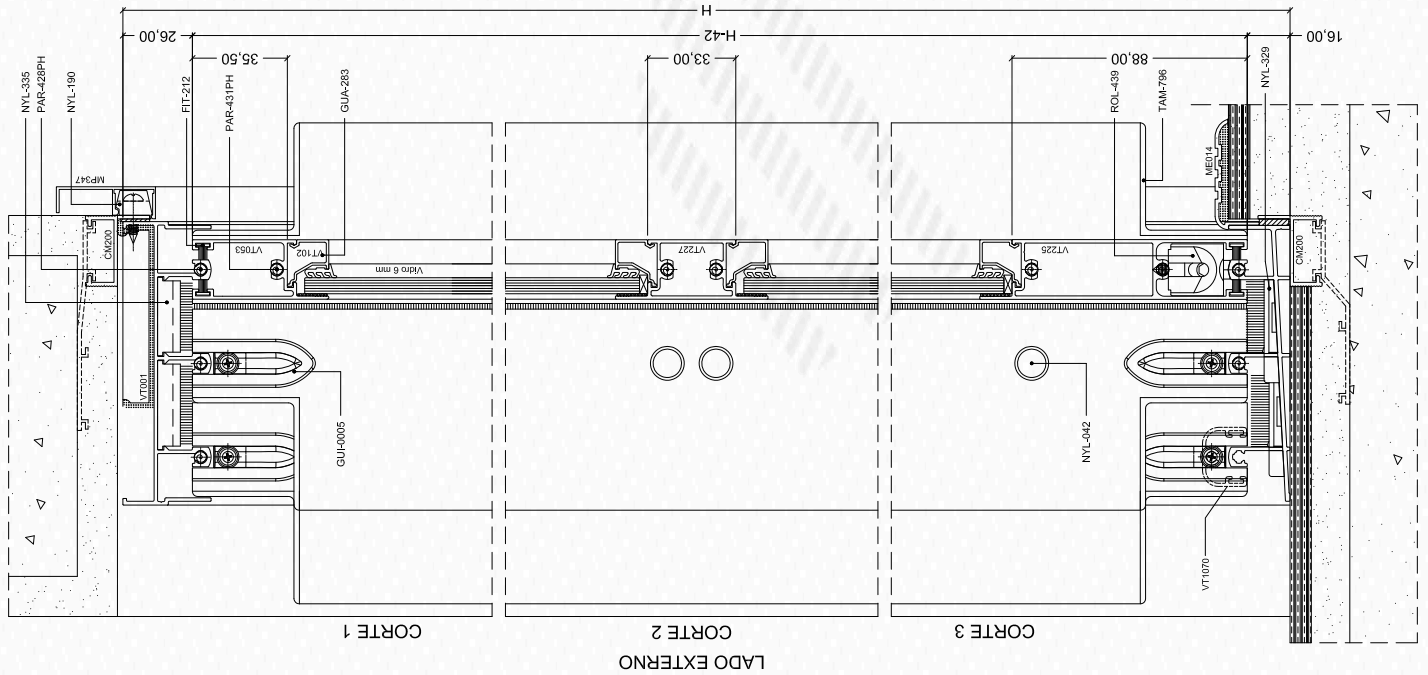
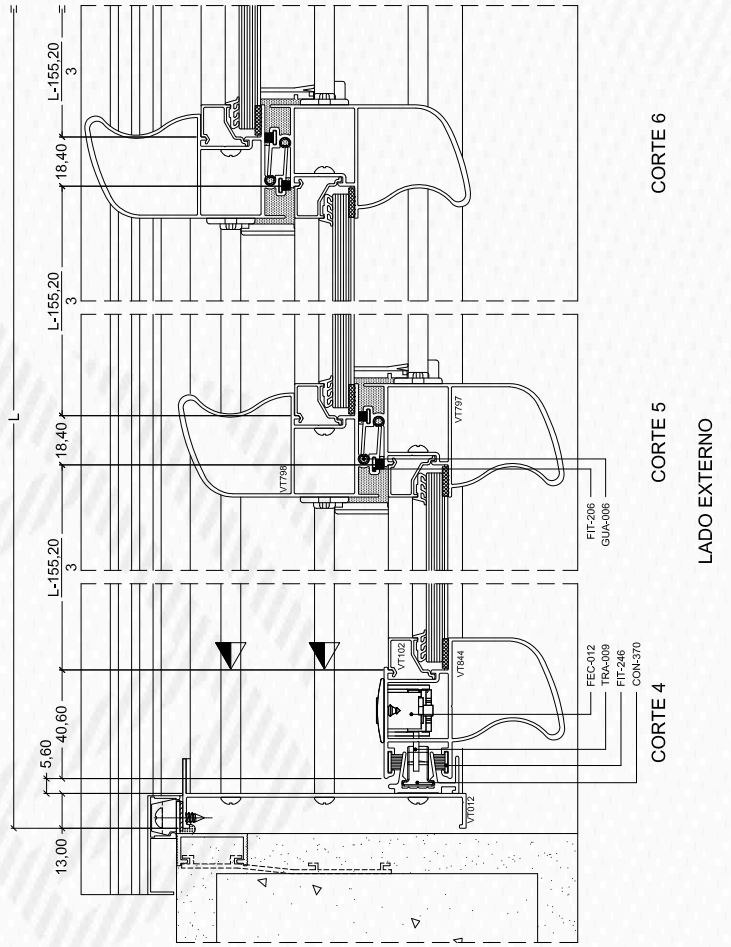
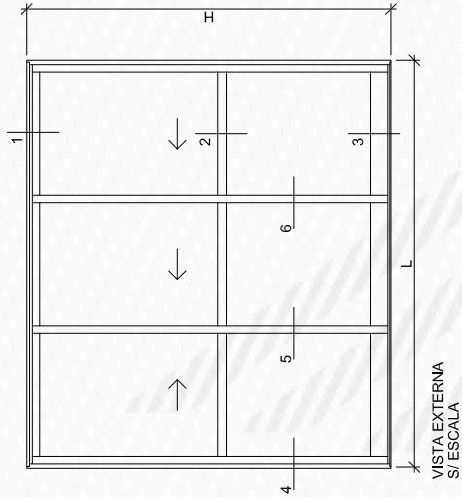


VISTA EXTERNA
S/ ESCALA



PORTA DE CORRER 3 FOLHAS

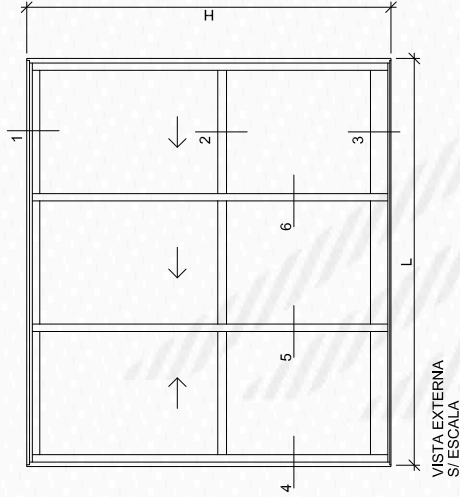
OPÇÃO COM BAGUETE



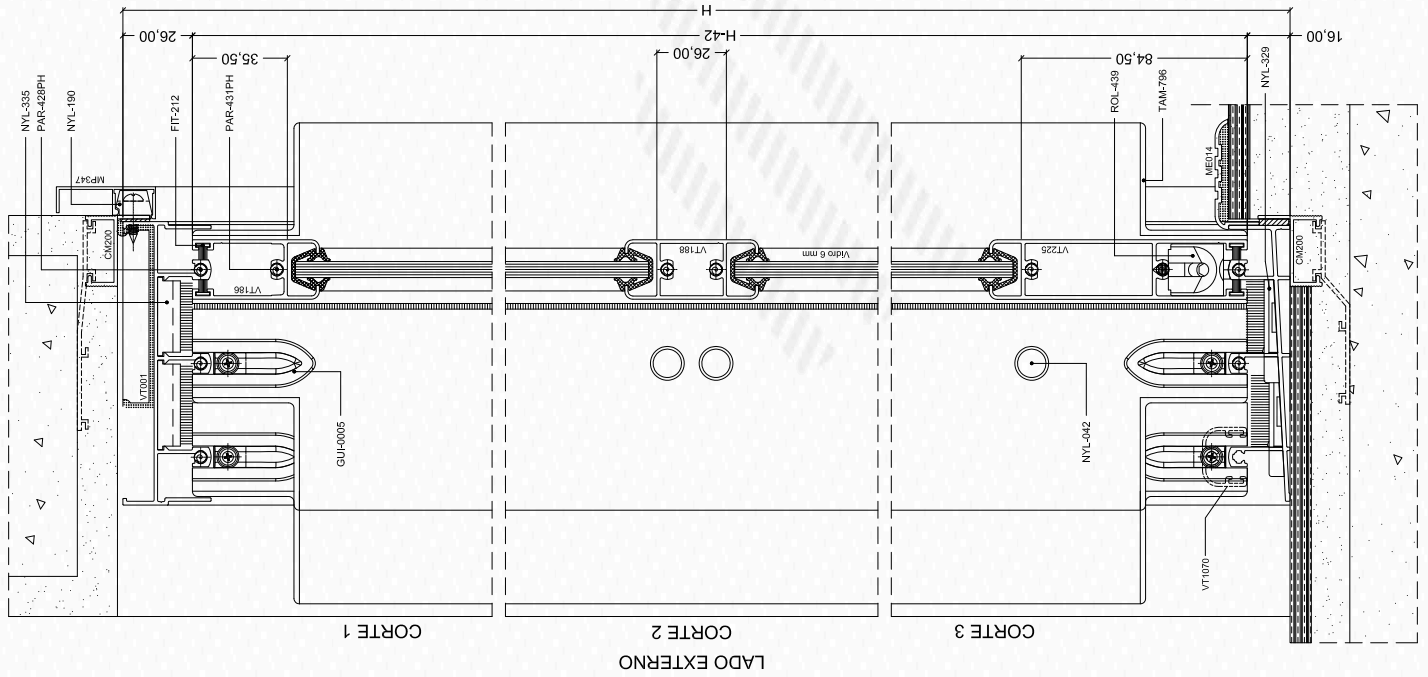
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

PORTA DE CORRER 3 FOLHAS

OPÇÃO SEM BAGUETE



VISTA EXTERNA
SI ESCALA



LADO EXTERNO

CORTE 6

CORTE 5

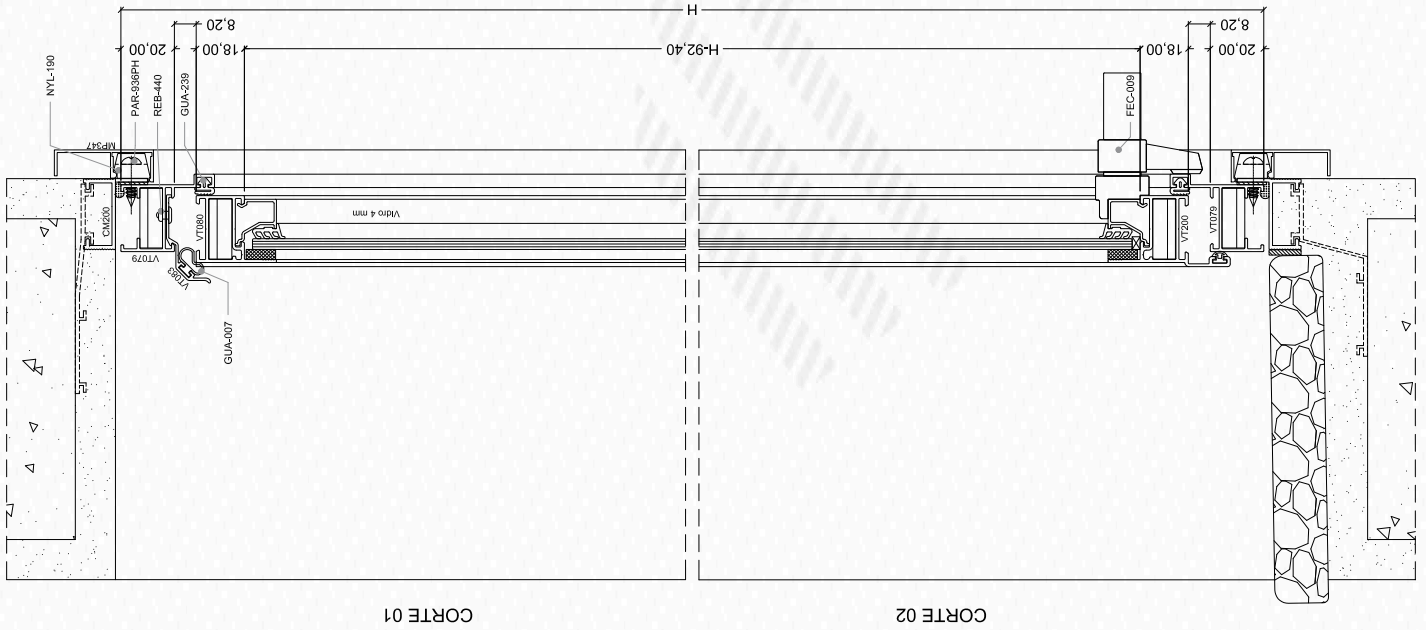
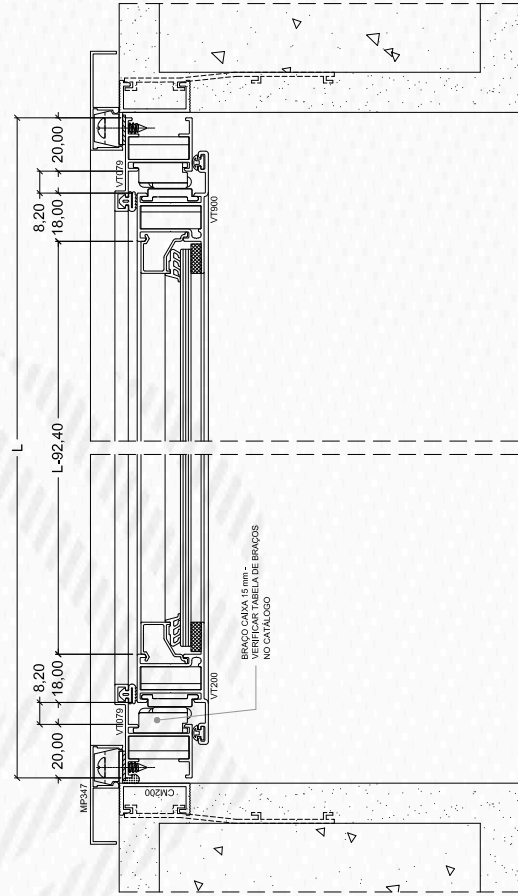
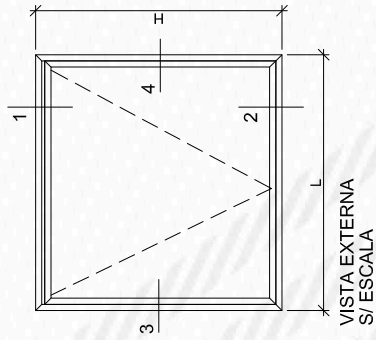
LADO EXTERNO

CORTE 4

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

JANELA MAXIM-AR 1 FOLHA

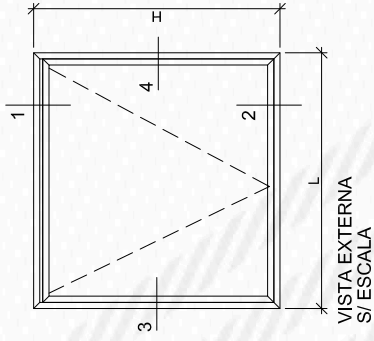
OPÇÃO COM BAGUETE



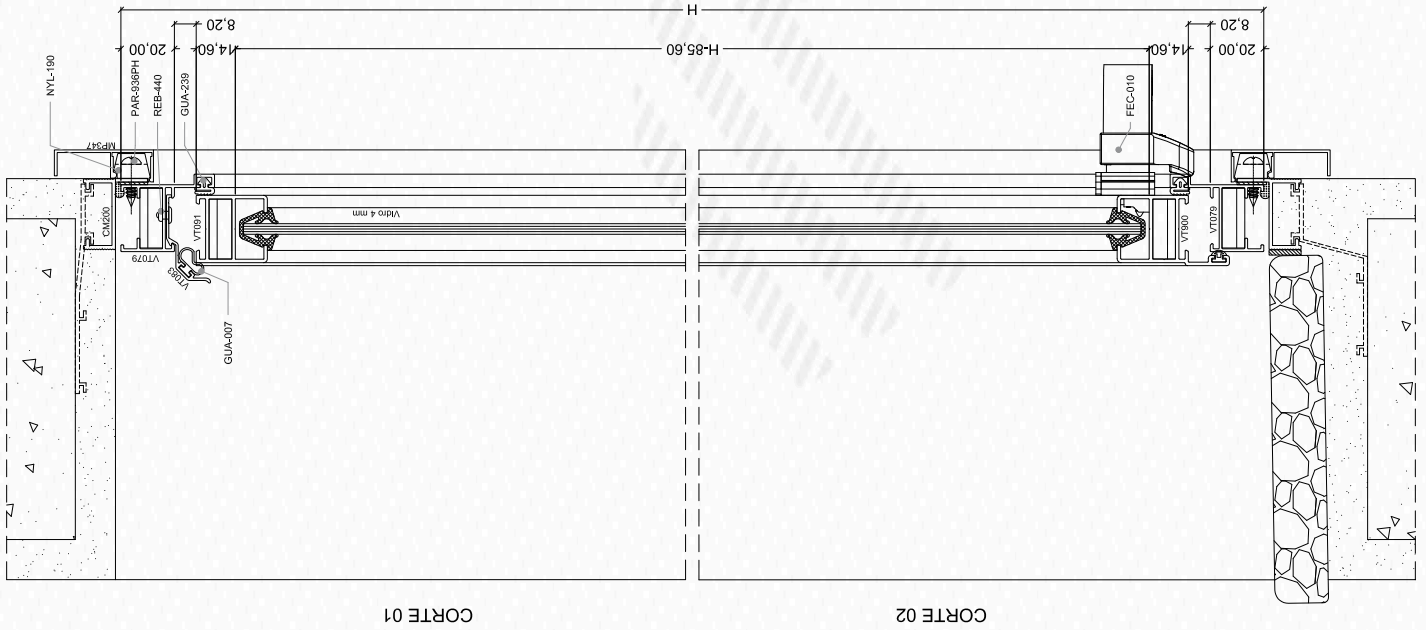
PERFIS, PROJETOS, CÓDIGOS E SISTEMAS ESTÃO SUJEITOS A ALTERAÇÃO SEM AVISO PRÉVIO.

JANELA MAXIM-AR 1 FOLHA

OPÇÃO SEM BAGUETE



VISTA EXTERNA
S/ ESCALA



CORTE 01

CORTE 02

LADO EXTERNO

CORTE 04

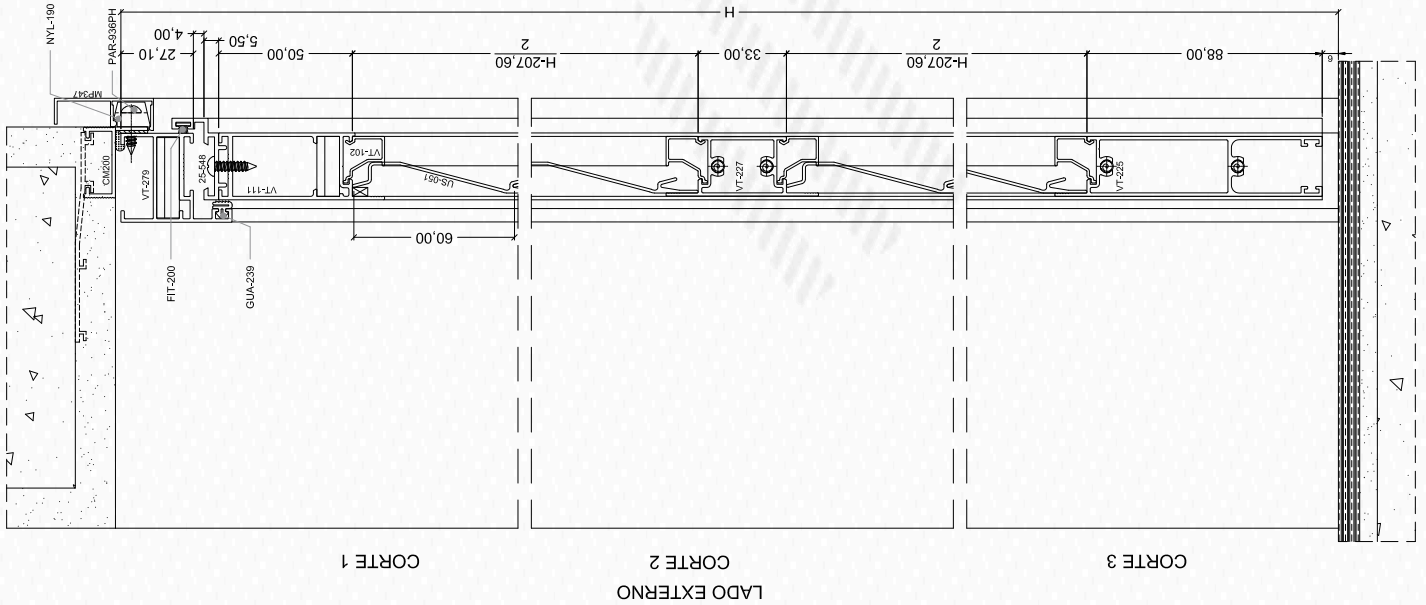
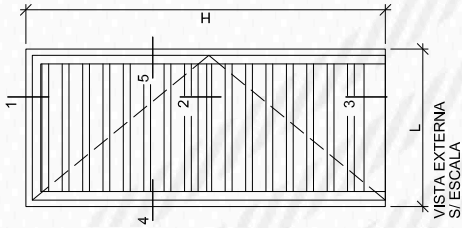
LADO EXTERNO

CORTE 03

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

PORTA DE GIRO 1 FOLHA
COM VENEZIANA

OPÇÃO SEM BAGUETE







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DE ESQUADRIAS DE ALUMÍNIO


ABSOLAR
Associação Brasileira de Alumínio
Associado