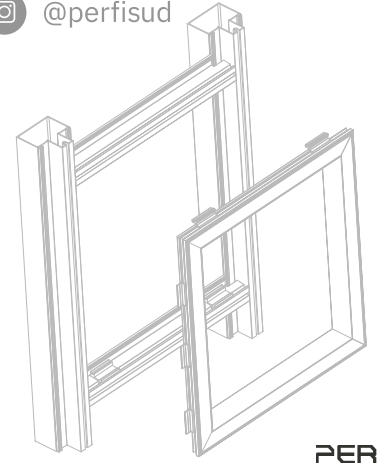


INTENSIVE *FX*



PERFISUD
EXTRUSÃO DE ALUMÍNIO

CATÁLOGO TÉCNICO





Localizada na cidade de Gravatal, Santa Catarina, a **PERFISUD** atende a demanda de extrusão de alumínio, desde 2007, com eficiência e comprometimento.

A PERFISUD conta com 2 prensas de 5" e 1 de 7", tendo uma capacidade instalada de 1.500 ton/mês.

No ano de 2021, a PERFISUD inaugurou uma unidade de pintura eletrostática, a **COLORSUD**. Uma linha Power Free moderna, inovadora e altamente tecnológica. Com laboratório próprio, atendendo todas as normas para a garantia do processo e qualidade do serviço prestado. A COLORSUD tem como parceiros os melhores fornecedores, homologados **Qualicoat**. Tudo isso para lhe entregar um produto altamente qualificado e seguro, que com certeza irá superar suas expectativas.

PERFISUD
 EXTRUSÃO DE ALUMÍNIO

COLORSUD
 TECNOLOGIA EM PINTURA

Missão

Atuar no mercado de alumínio com responsabilidade, qualidade e pontualidade na busca da melhor solução para todos.

Visão

Ser referência em qualidade e atendimento criando cada vez mais oportunidades de negócio.

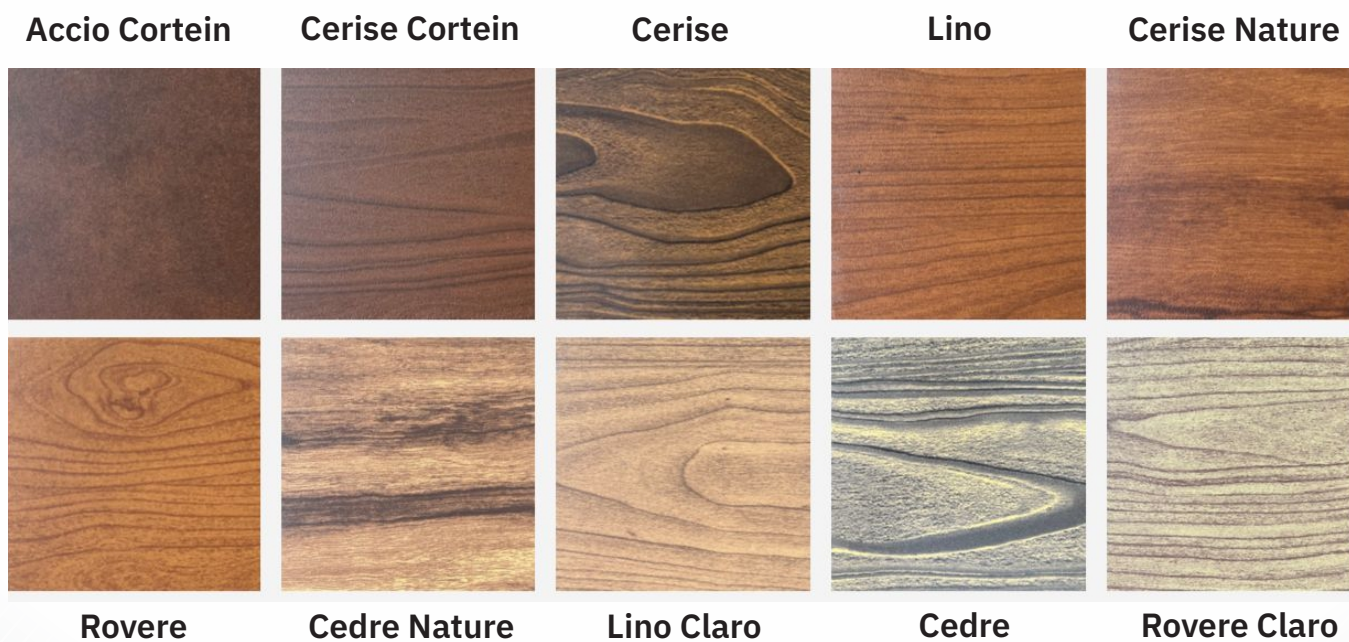
Valores

Flexibilidade, Honestidade, Inovação e Responsabilidade.



Linha de Acabamento Madeira por Sublimação.

O processo de Sublimação tem a finalidade de agregar aos Perfis de Alumínio, um acabamento decorativo semelhante à madeira. Assim, aumentamos a durabilidade e resistência do Alumínio e combinamos com a elegância decorativa da madeira. Essa combinação representa mais sustentabilidade e redução da degradação ambiental.



Toda a linha sublimada com 10 anos de garantia.

TIPOLOGIAS Pág. 07

COMPORTAMENTO ESTRUTURAL Pág. 09

ÍNDICE DE PERFIS Pág. 13

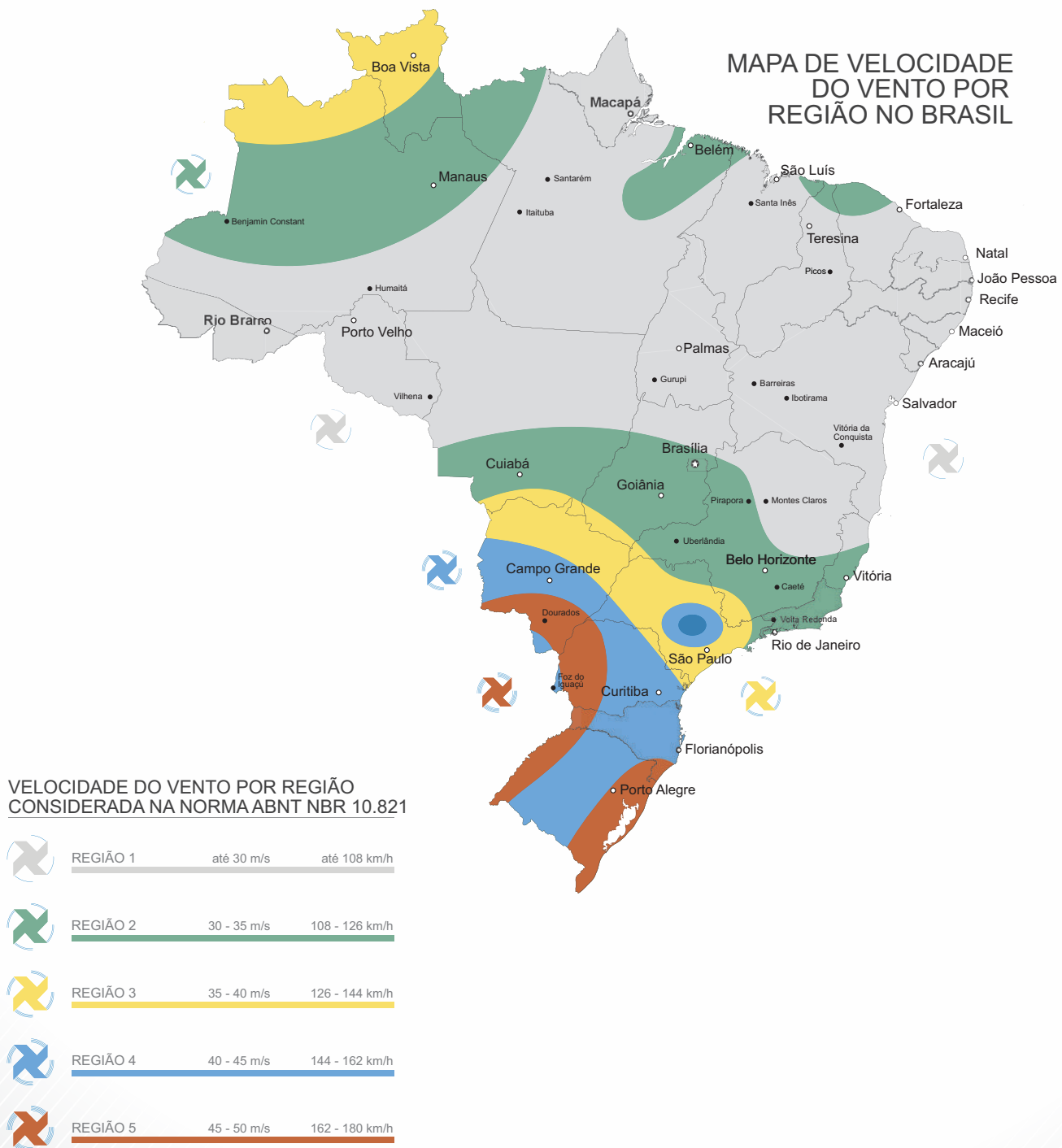
PERFIS Pág.14

MONTAGENS Pág. 31

Determinação da pressão de ensaio que deve ser aplicada na esquadria conforme a sua localização.

A - Identifique na figura abaixo a região do País onde está localizada a sua edificação. (Ex: Gravatal - Região V)

Figura 1 - Isopletas da velocidade básica. Fonte: ABNT NBR 6123



B - Com a Região encontrada no gráfico de isopletras (Figura 1), verifique na tabela abaixo a Pressão de Ensaio de acordo com a altura ou quantidade de pavimentos da sua edificação;

Quantidade de Pavimentos	Altura Máxima	Região do País	Pressão de ensaio Pe, em (Pa) Positiva e negativa Pe = Pp x 1,2	Pressão de segurança Ps, em (Pa) Positiva e negativa Pe = Pp x 1,5	Pressão de água Pa, em (Pa) Pe = Pp x 1,2
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

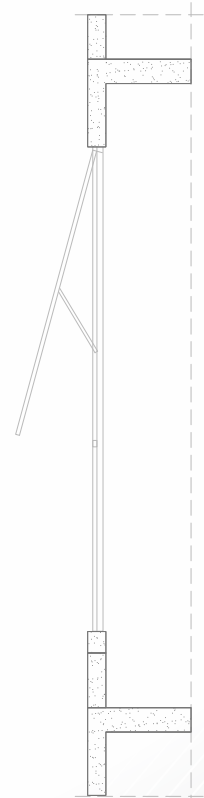
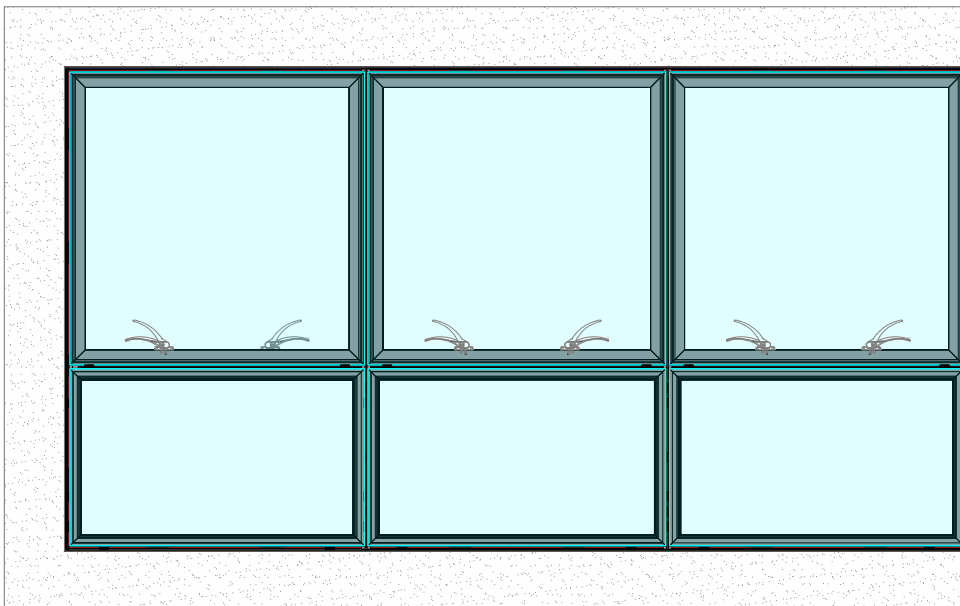
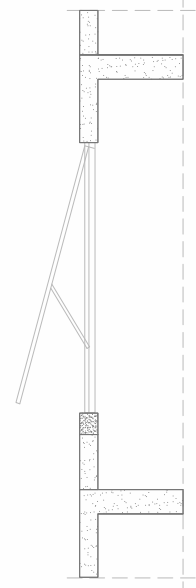
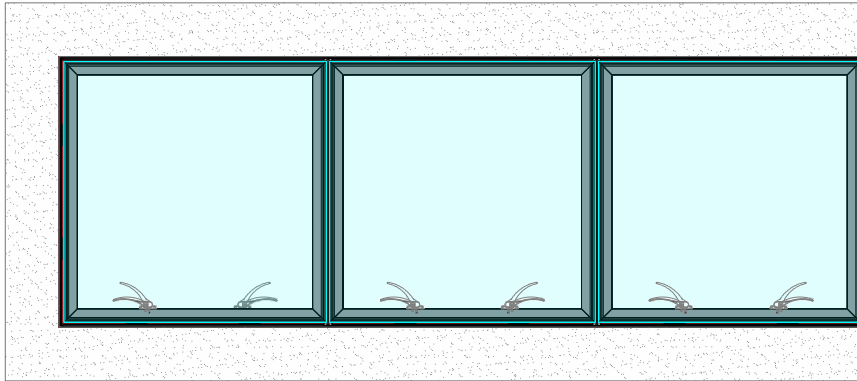
C - Com a Pressão de Ensaio definida, é possível verificar nas páginas dos Diagramas de Desempenho, as medidas máximas de largura e altura para as tipologias existentes em sua edificação. Para isso ligue o eixo da largura ou altura na curva referente à pressão de ensaio requerida e verifique a dimensão máxima correspondente.

Notas:

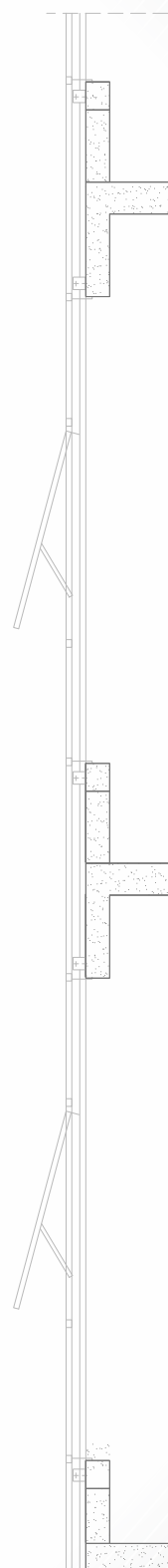
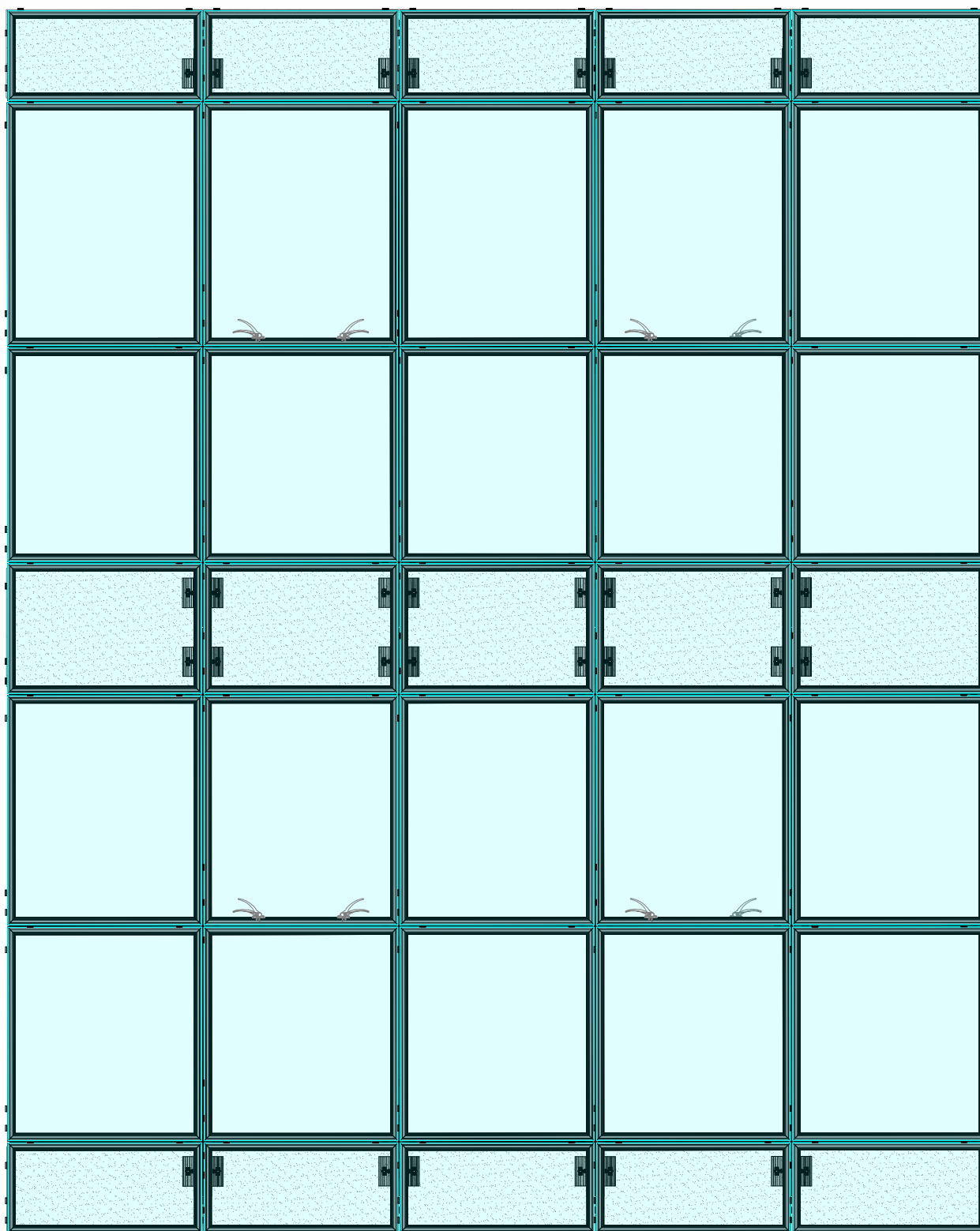
* Nos gráficos de desempenho, foram considerados os valores de Pressão de Ensaio e Pressão de Segurança de acordo com a norma **ABNT NBR 10821**. Para edifícios com especificações, localização, necessidades e exigências especiais de utilização, deve-se consultar a **ABNT NBR 6123** para a determinação da pressão de projeto (Pp) e pressão de ensaio (Pe), prevalecendo como mínimos os valores acima.

* A espessura mínima dos vidros deve ser calculada utilizando-se o valor da Pressão de Segurança requerida para a esquadria (para maiores informações consultar a **ABNT NBR 10821** parte 2 e 3).

Fachadas Entre Vãos



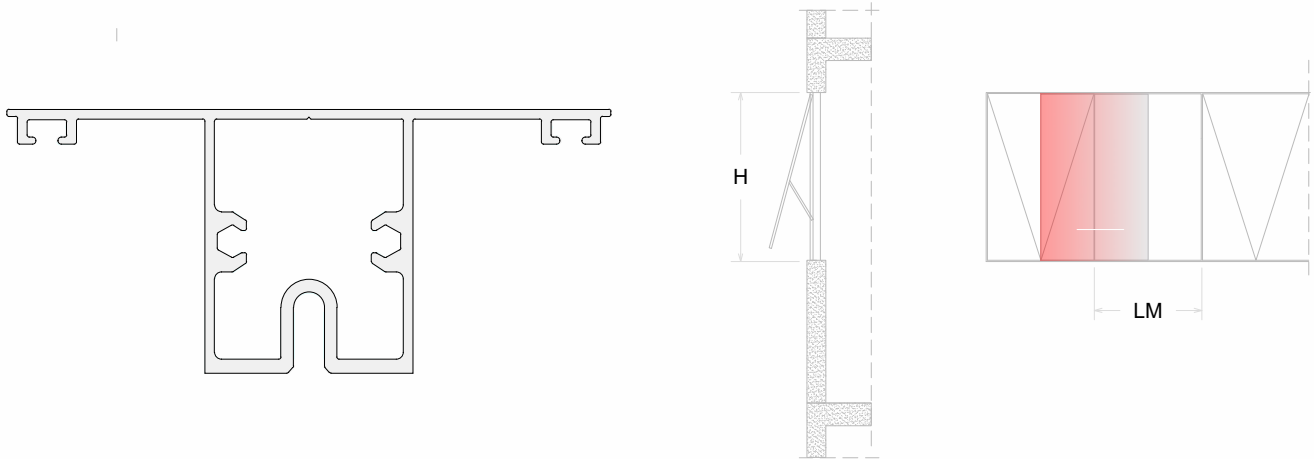
Fachada Cortina



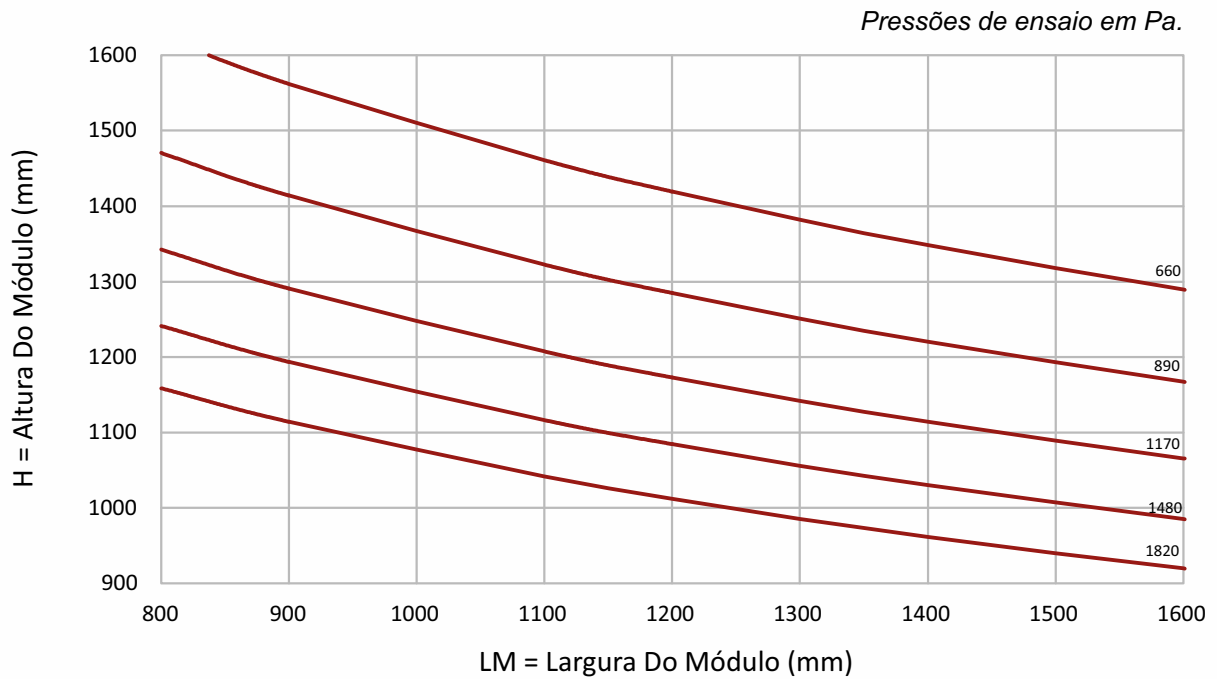
FX-204

Jx: 7,5154 cm⁴ | Wx: 3,3813 cm³

Jy: 14,2762 cm⁴ | Wy: 3,2821 cm³



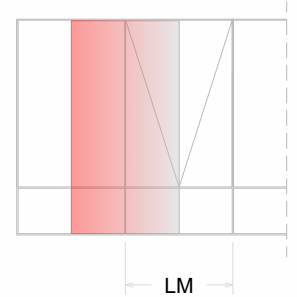
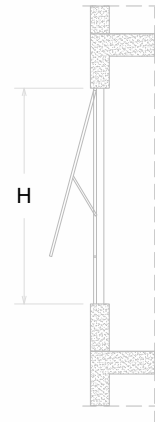
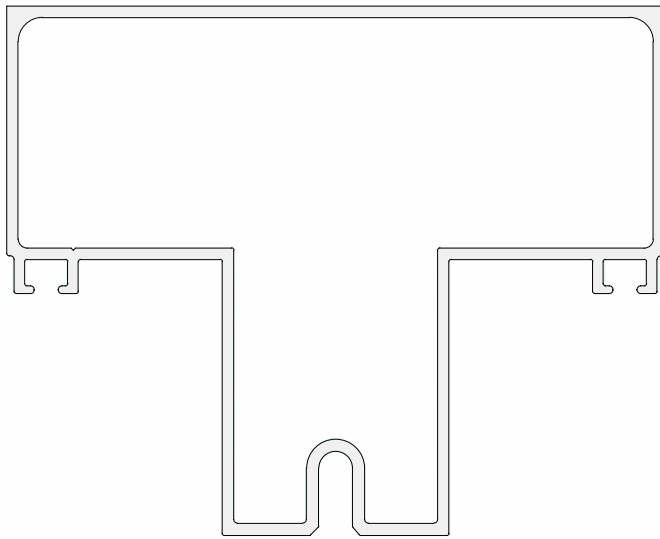
Tensão Admissível : 7 Kg / mm²
Flecha Admissível : H/175 ou 30mm



FX-400

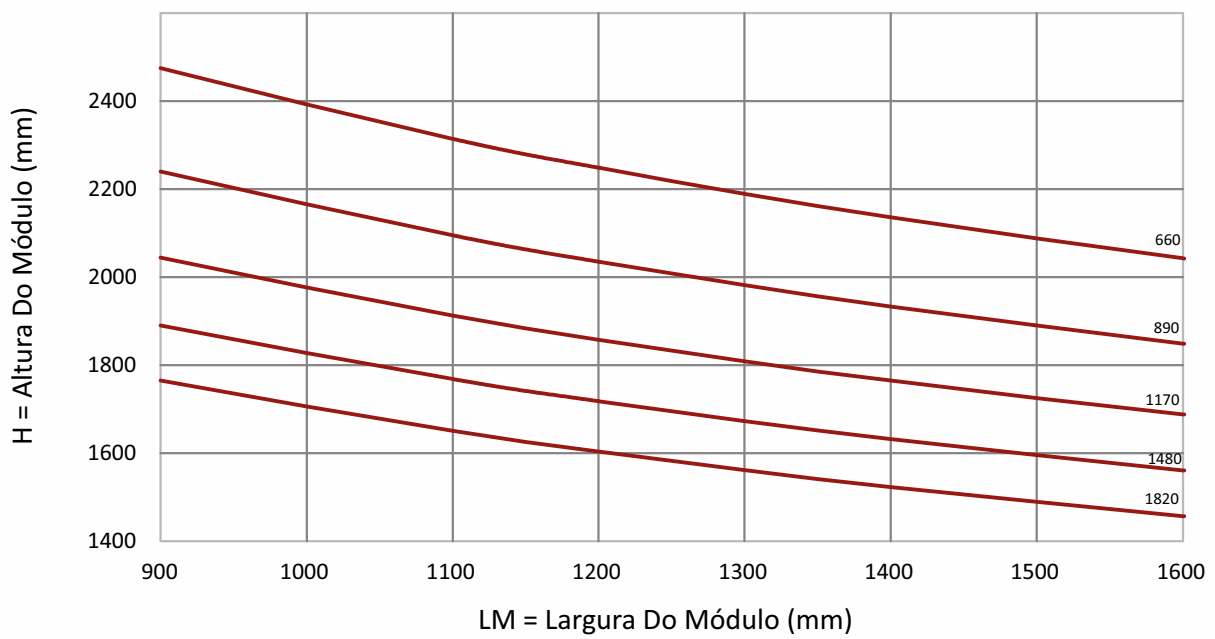
Jx: 29,8764 cm⁴ | Wx: 7,5693 cm³

Jy: 40,5437 cm⁴ | Wy: 9,3196 cm³



Tensão Admissível : 7 Kg / mm²
Flecha Admissível : H/175 ou 30mm

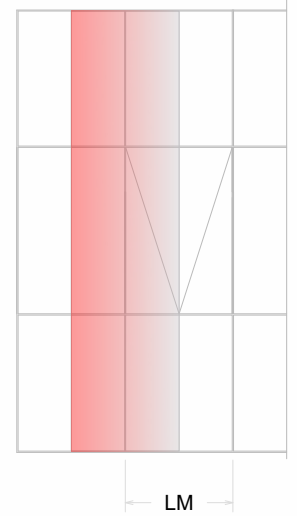
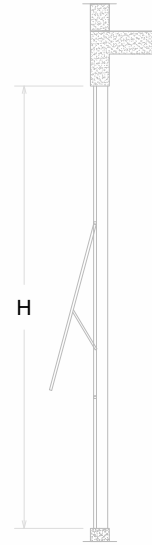
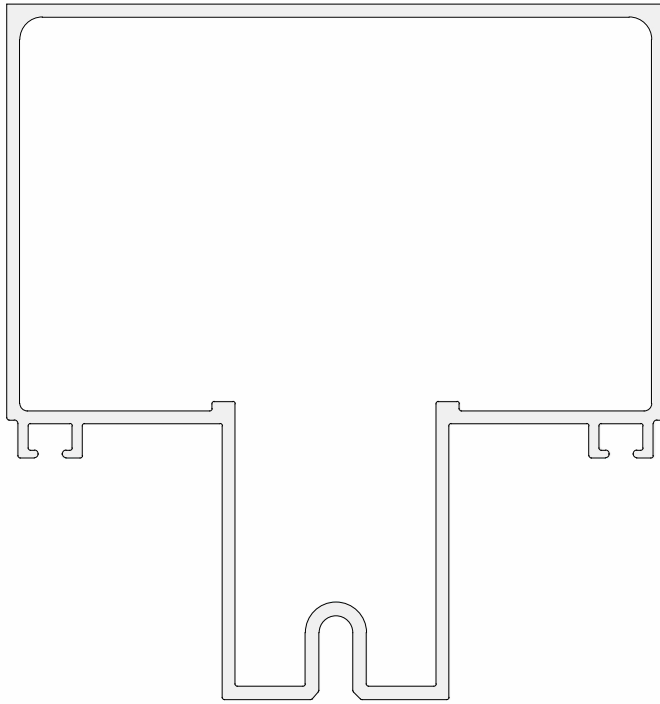
Pressões de ensaio em Pa.



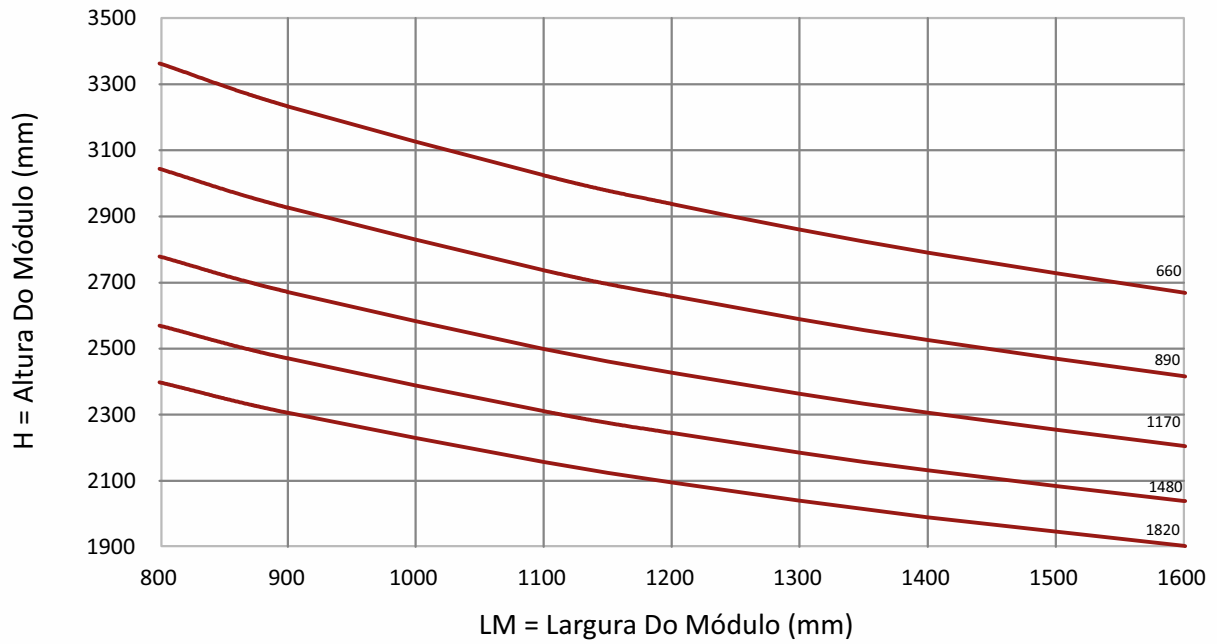
FX-200

Jx: 66,6472 cm⁴ | Wx: 13,6295 cm³

Jy: 58,2430 cm⁴ | Wy: 13,3891 cm³



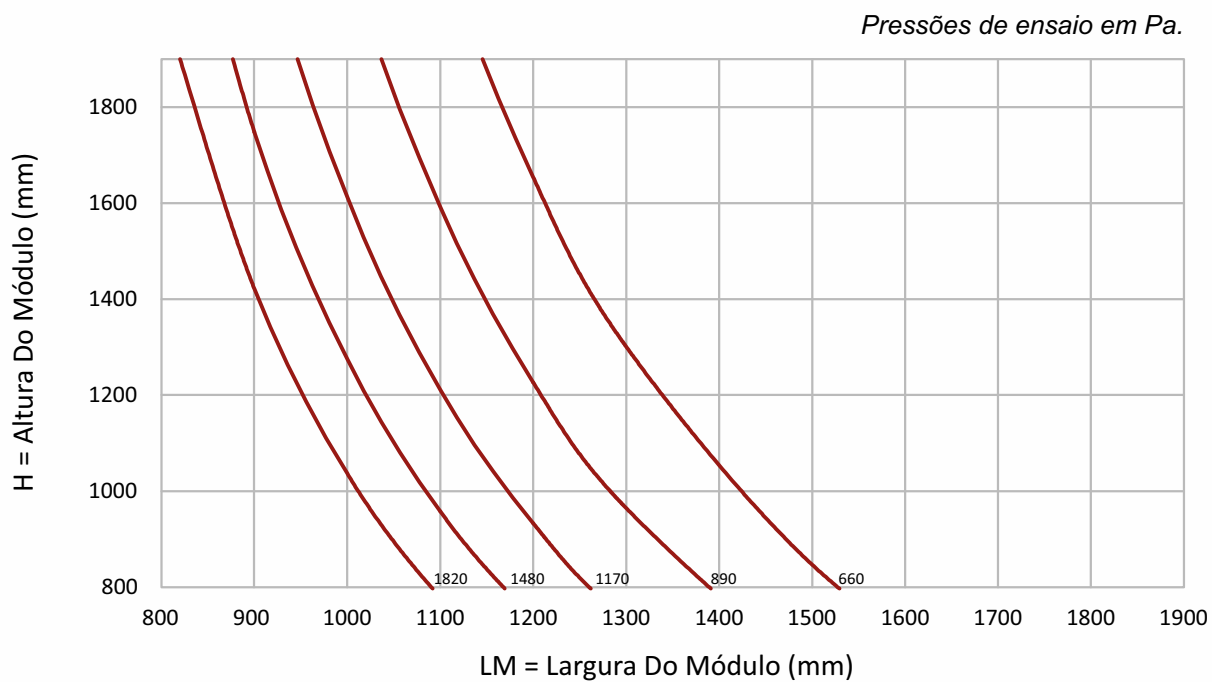
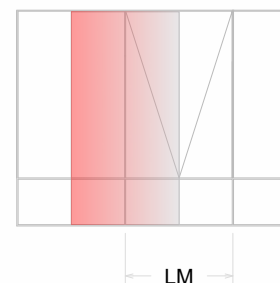
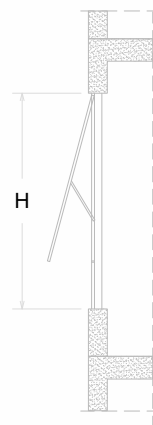
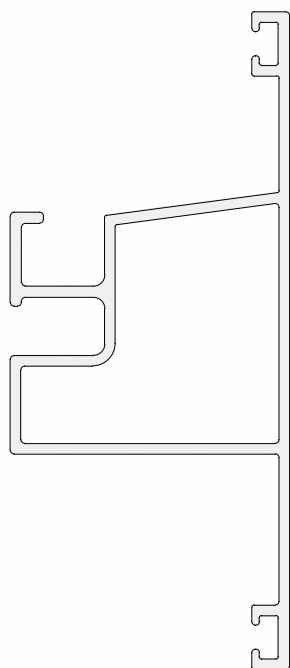
Pressões de ensaio em Pa.



FX-233

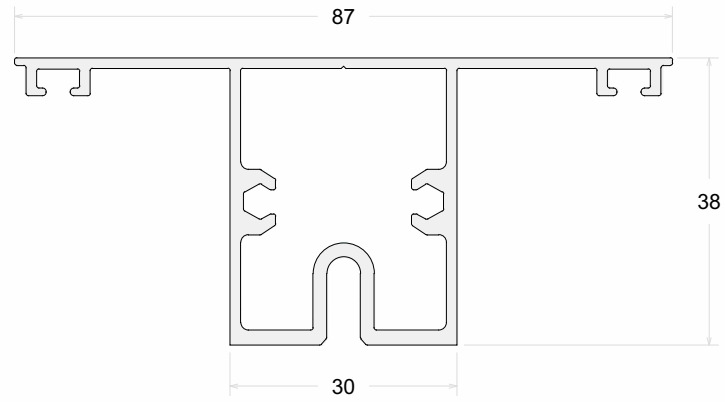
Jx: 14,4164 cm⁴ | Wx: 3,2622 cm³

Jy: 6,2611 cm⁴ | Wy: 2,7086 cm³

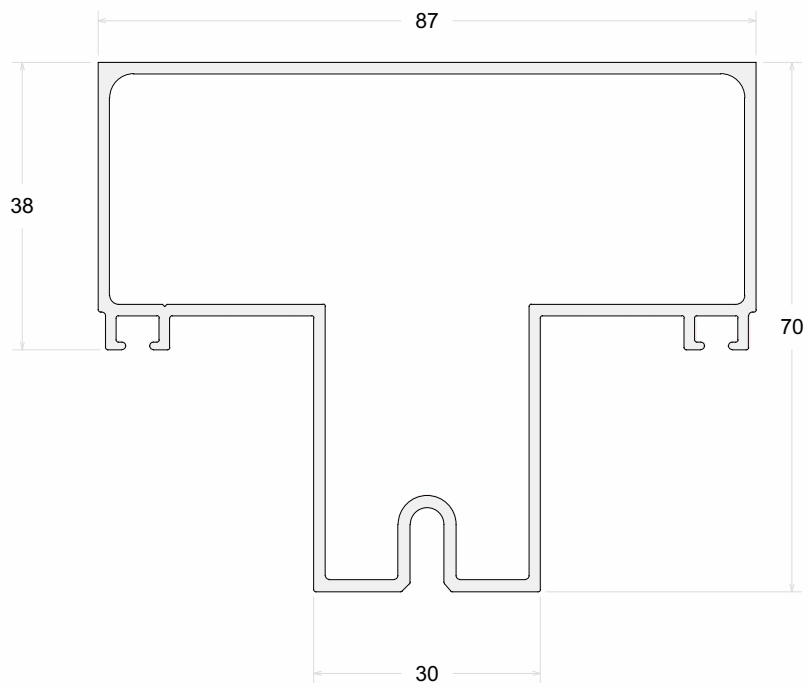


Código	Aplicação	Página
ANC-051	Ancoragem Central	28
CD-004	Ancoragem Lateral	29
CL-006	Cantoneira Ligação 45°	29
CL-011	Cunha Ligação 45°	29
CM-060	Contramarco	30
CM-175	Chumbador	30
FX-200	Coluna Central 92mm	15
FX-204	Coluna Central 38mm	14
FX-223	Luva Da Coluna FX-200	25
FX-226	Calço De Apoio	24
FX-227	Presilha De Fixação Superior	24
FX-228	Folha Fixa Lateral	21
FX-229	Folha Fixa P/ Vidro Insulado	22
FX-230	Folha Móvel Superior	21
FX-231	Folha Fixa P/ Vidro Insulado	22
FX-232	Folha Fixa Inferior e Superior	21
FX-233	Travessa	16
FX-234	Folha Móvel P/ Vidro Insulado	22
FX-236	Coluna Angular - 90°	16
FX-237	Click Do Arremate	26
FX-238	Arremate De Teto e Piso	26
FX-239	Complemento Do Arremate	26
FX-240	Presilha De Fixação Do Arremate	25
FX-245	Folha Móvel Lateral e Inferior	21
FX-246	Folha Móvel P/ Vidro Insulado	22
FX-247	Presilha De Fixação Frontal	24
FX-260	Marco Lateral Para Coluna 70mm	18
FX-265	Complemento Do Arremate	27
FX-269	Acabamento Canto 90°	27
FX-273	Acabamento Externo - Canto 90°	26
FX-291	Folha Fixa - Porta De Giro L.42	23
FX-294	Marco Lateral Para Coluna 38mm	18
FX-299	Click Do Complemento FX-265	27
FX-300	Luva Do Complemento FX-265	25
FX-397	Luva Da Travessa	24
FX-400	Coluna Central 70mm	14
FX-403	Folha Fixa e Móvel - Encaixilhado	23
FX-405	Folha Fixa e Móvel - Encaixilhado	23
FX-511	Marco Lateral Para Coluna 92mm	20
FX-512	Luva Telescópica Para FX-511	20
FX-515	Marco Lateral Para Coluna 92mm	19
Y-1174	Contramarco	30

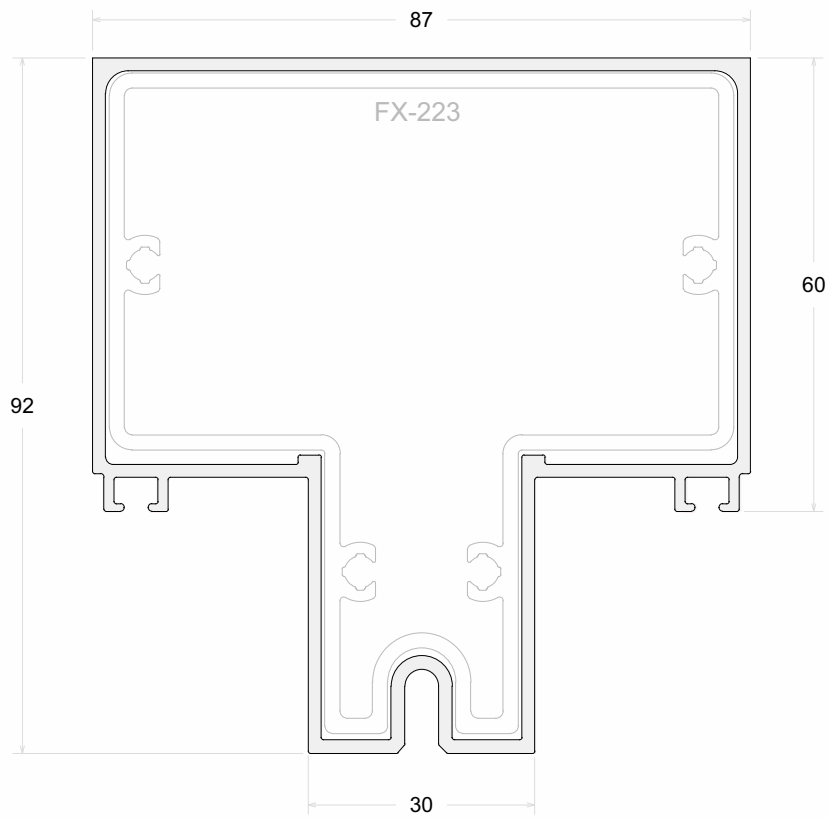
FX-204	Coluna Central 38mm
Peso (Kg/m)	Perfis De Encaixe:
1,038	



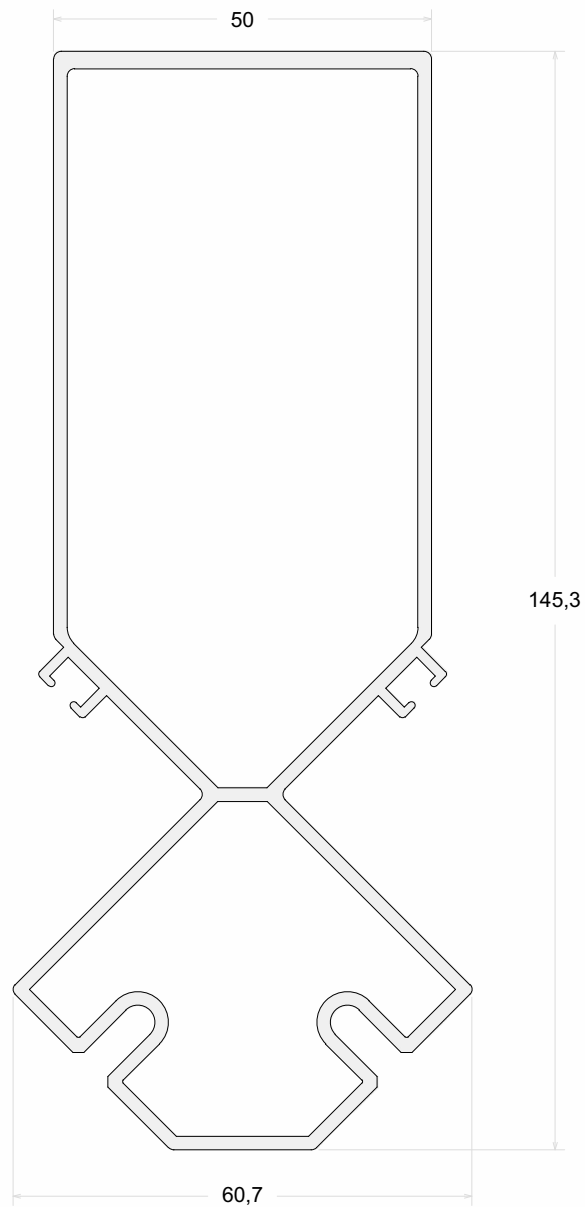
FX-400	Coluna Central 70mm
Peso (Kg/m)	Perfis De Encaixe:
1,433	



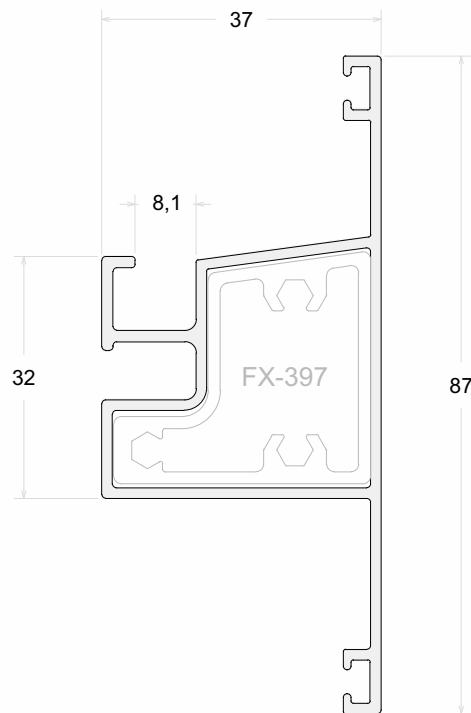
FX-200	Coluna Central 92mm
Peso (Kg/m)	Perfis De Encaixe:
1,825	



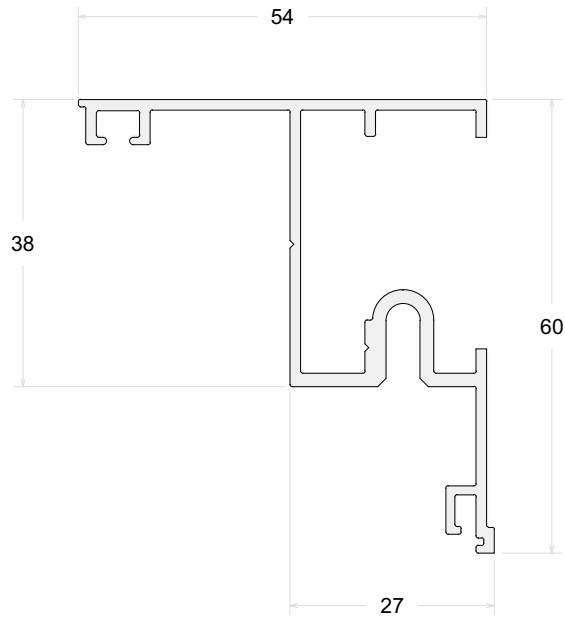
FX-236	Coluna Angular - 90°
Peso (Kg/m)	Perfis De Encaixe:
2,343	



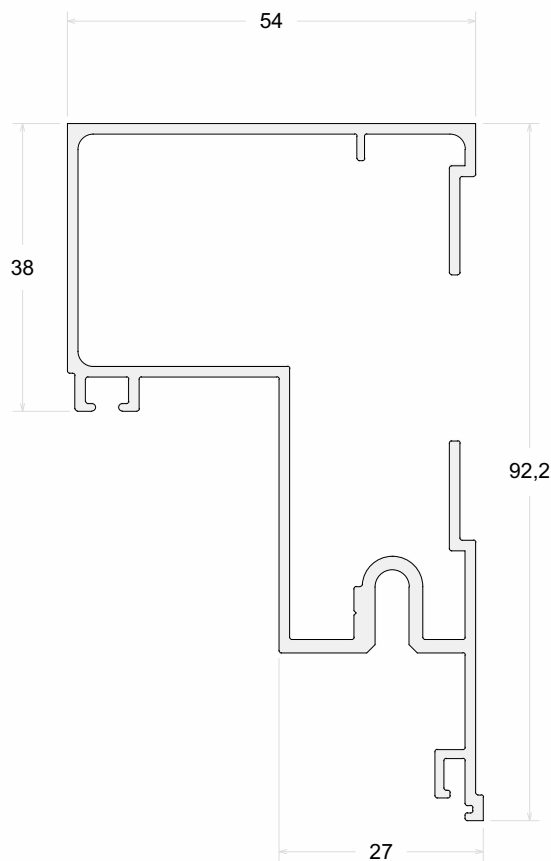
FX-233	Travessa
Peso (Kg/m)	Perfis De Encaixe:
0,886	



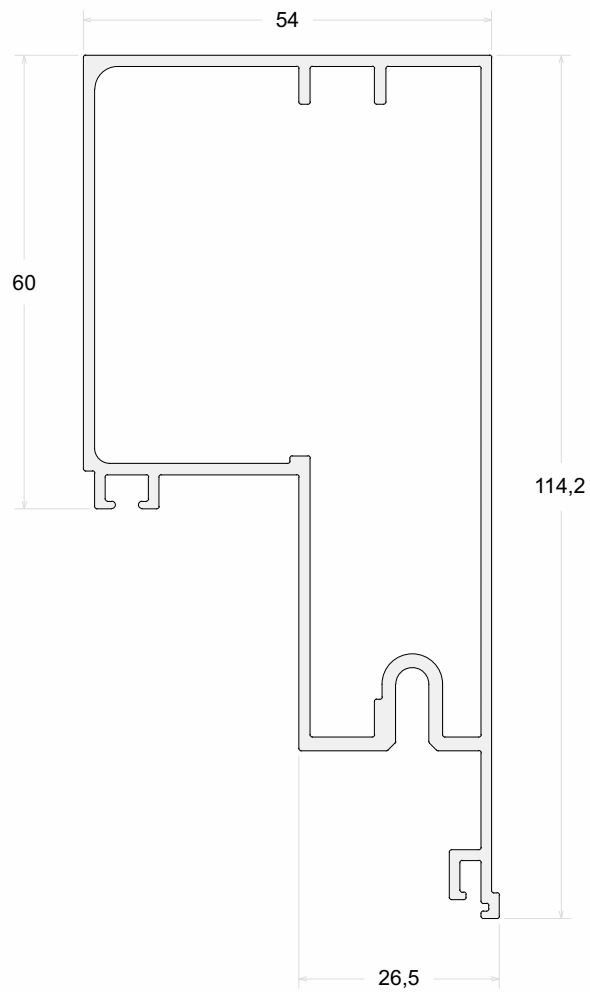
FX-294	Marco Para Coluna 38mm
Peso (Kg/m)	Perfis De Encaixe:
0,774	



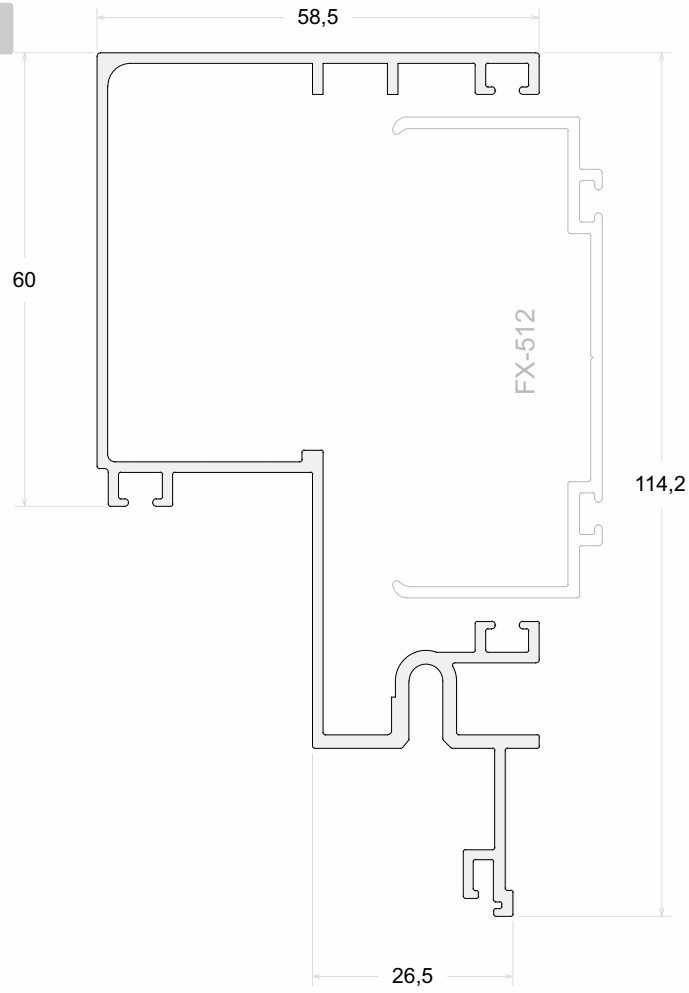
FX-260	Marco Para Coluna 70mm
Peso (Kg/m)	Perfis De Encaixe:
1,179	



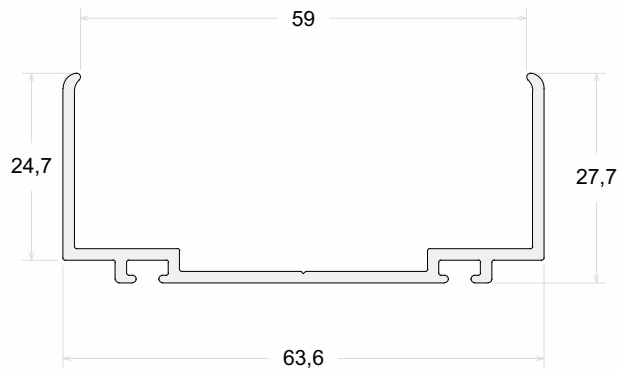
FX-515	Coluna Central 92mm - Tubular
Peso (Kg/m)	Perfis De Encaixe:
1,484	



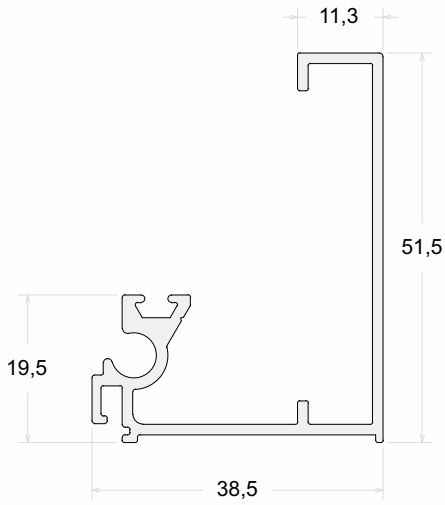
FX-511	Marco Para Coluna 90mm
Peso (Kg/m)	Perfis De Encaixe:
1,249	



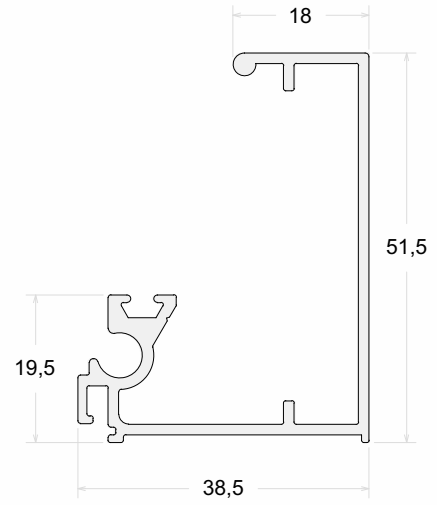
FX-512	Luva Telescópica Para FX-511
Peso (Kg/m)	Perfis De Encaixe:
0,509	



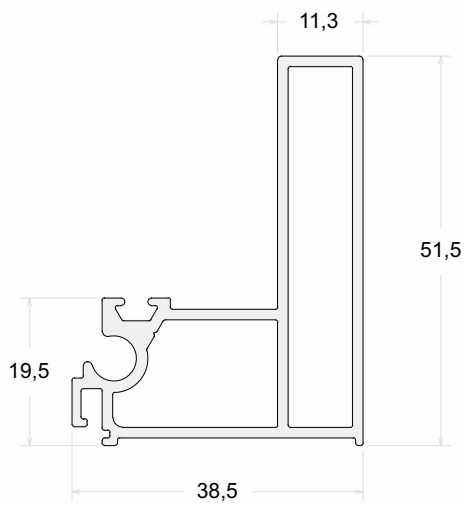
FX-228	Folha Fixa - Lateral
Peso (Kg/m)	Perfis De Encaixe:
0,573	



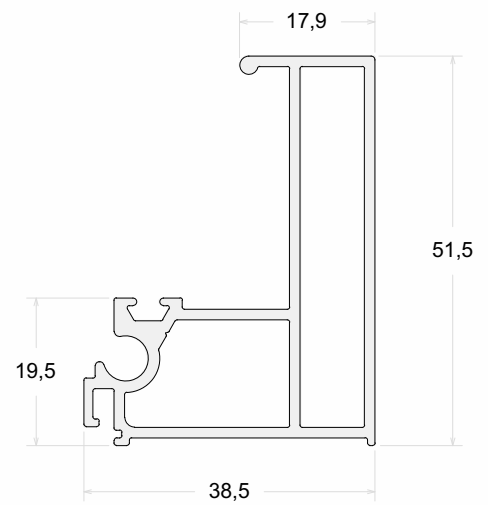
FX-232	Folha Fixa - Superior e Inferior
Peso (Kg/m)	Perfis De Encaixe:
0,607	



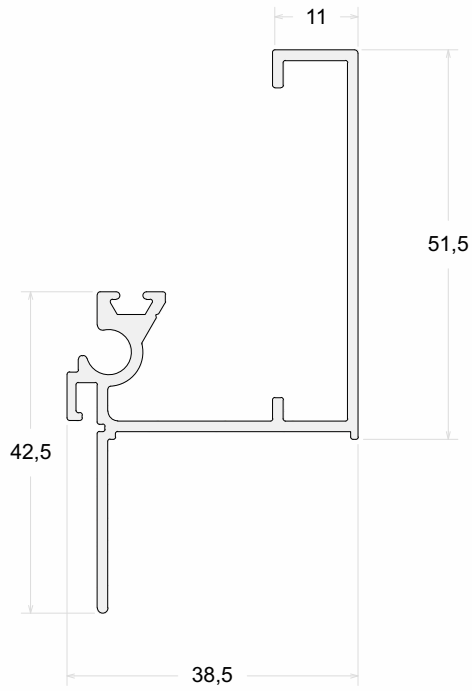
FX-245	Folha Móvel - Lateral e Inferior
Peso (Kg/m)	Perfis De Encaixe:
0,784	



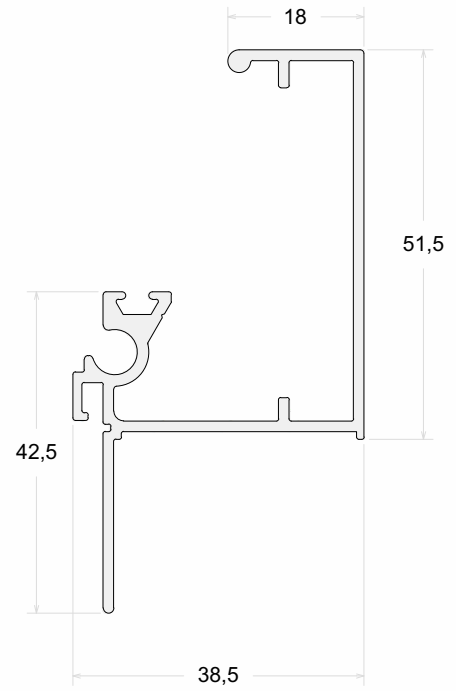
FX-230	Folha Móvel - Superior
Peso (Kg/m)	Perfis De Encaixe:
0,813	



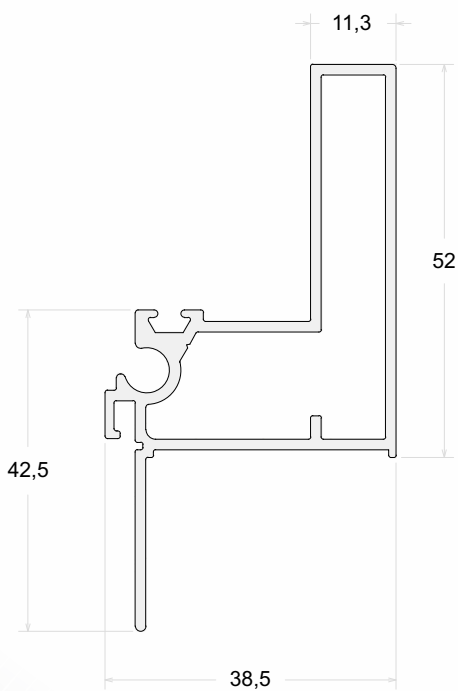
FX-229	Folha Fixa P/ Vidro Insulado L
Peso (Kg/m)	Perfis De Encaixe:
0,660	



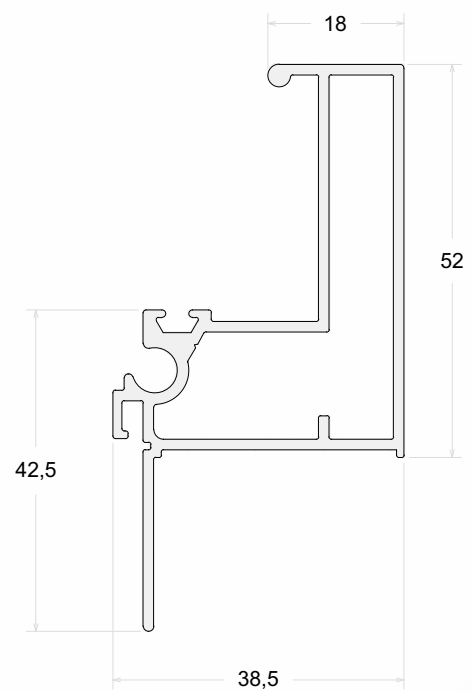
FX-231	Folha Fixa P/ Vidro Insulado - Sup. e Inf.
Peso (Kg/m)	Perfis De Encaixe:
0,695	



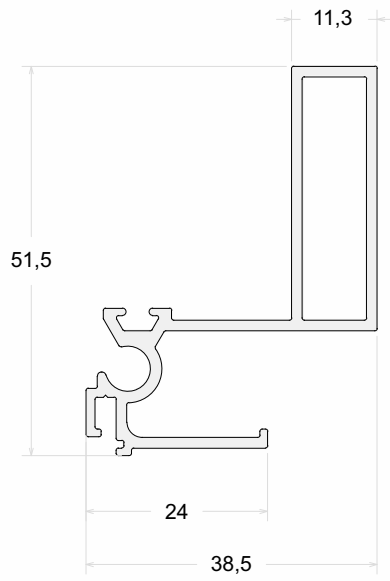
FX-246	Folha Móvel P/ Vidro Insulado Lateral e Inferior
Peso (Kg/m)	Perfis De Encaixe:
0,833	



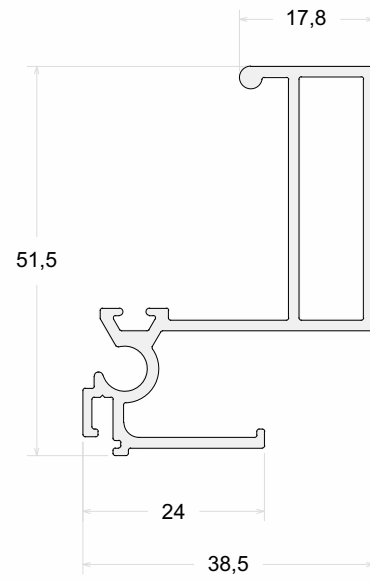
FX-234	Folha Móvel Vidro Insulado Superior
Peso (Kg/m)	Perfis De Encaixe:
0,868	



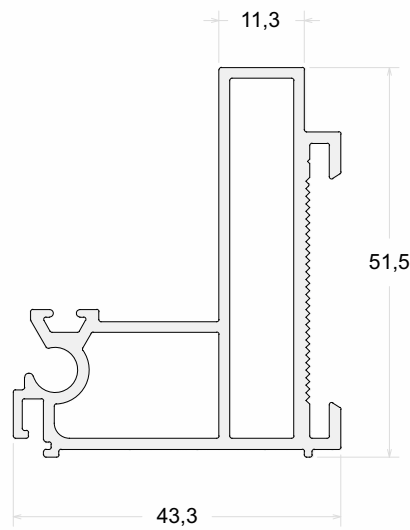
FX-403	Folha Fixa P/ Vidro Encaixilhado - Lateral.
Peso (Kg/m)	Perfis De Encaixe:
0,646	



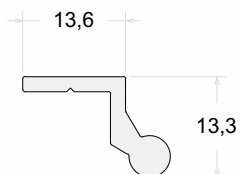
FX-405	Folha Fixa P/ Vidro Encaixilhado - Sup. e Inf.
Peso (Kg/m)	Perfis De Encaixe:
0,681	



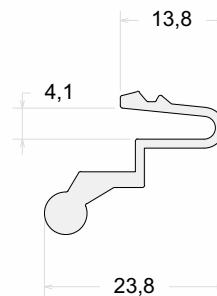
FX-291	Folha Fixa - Porta de Giro L 42
Peso (Kg/m)	Perfis De Encaixe:
0,913	



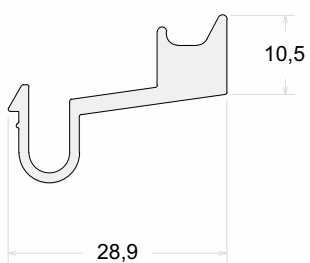
FX-247	Presilha de Fixação Frontal Quadro Fixo
Peso (Kg/m)	Perfis De Encaixe:
0,192	



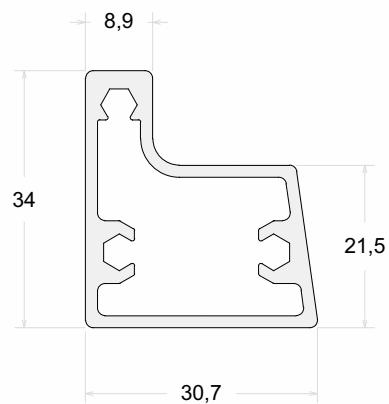
FX-227	Presilha De Fixação Superior Quadro Fixo
Peso (Kg/m)	Perfis De Encaixe:
0,245	



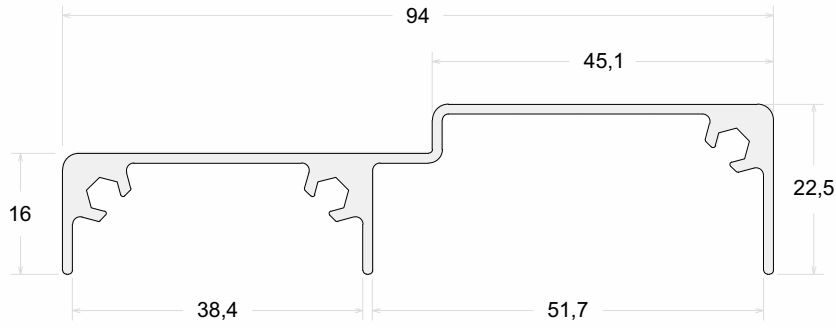
FX-226	Calço De Apoio - Quadro Fixo
Peso (Kg/m)	Perfis De Encaixe:
0,369	



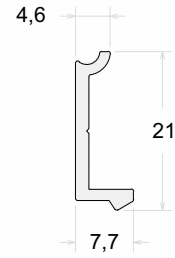
FX-397	Luva Da Travessa FX-233
Peso (Kg/m)	Perfis De Encaixe:
0,676	



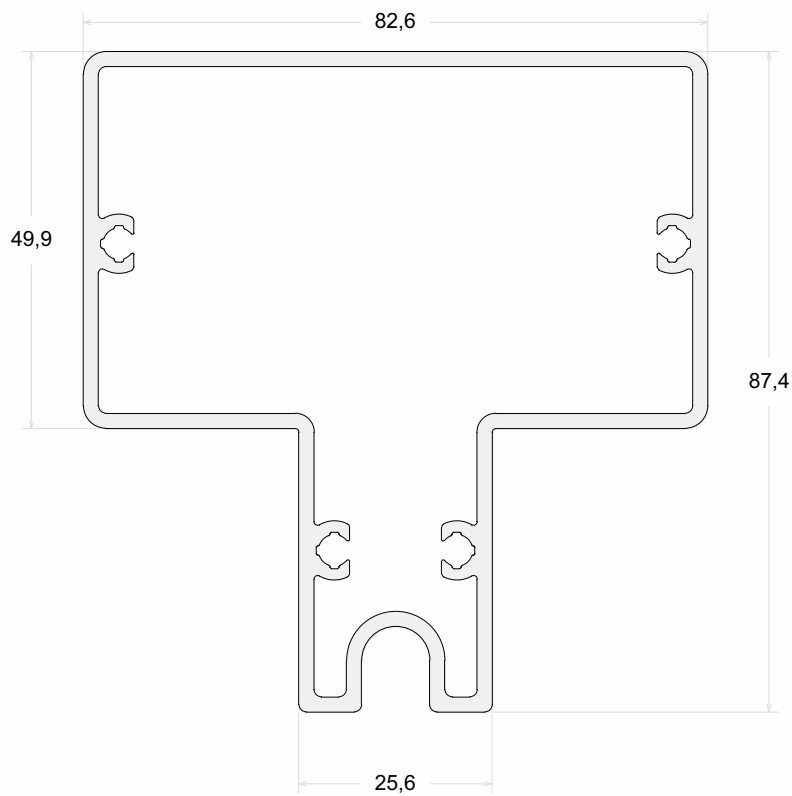
FX-300	Luva Do Complemento FX-265
Peso (Kg/m)	Perfis De Encaixe:
0,792	



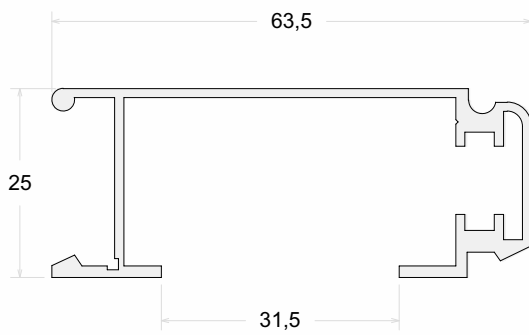
FX-240	Presilha de Fixação do Arremate
Peso (Kg/m)	Perfis De Encaixe:
0,131	



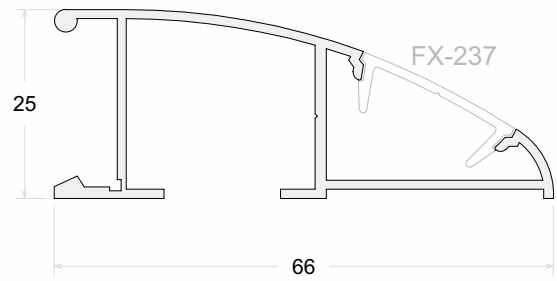
FX-223	Luva Da Coluna Central FX-200
Peso (Kg/m)	Perfis De Encaixe:
2,081	



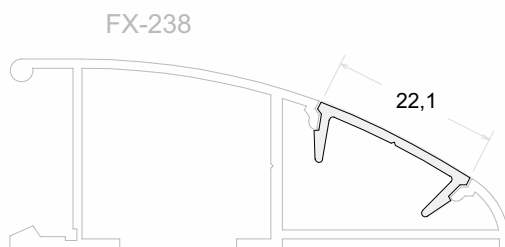
FX-239	Complemento Do Arremate
Peso (Kg/m)	Perfis De Encaixe:
0,587	



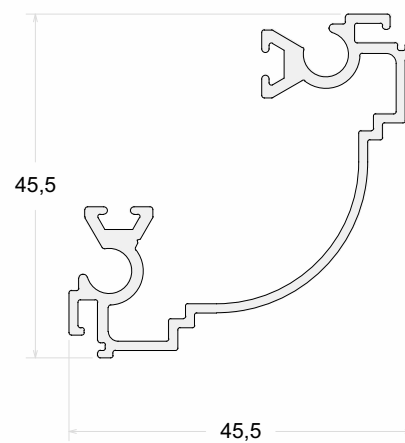
FX-238	Arremate de Teto e Piso
Peso (Kg/m)	Perfis De Encaixe:
0,519	



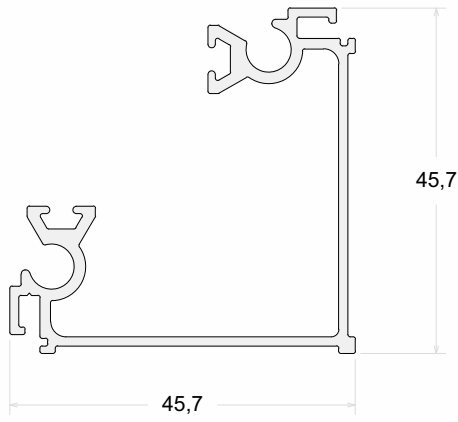
FX-237	Click Do Arremate FX-238
Peso (Kg/m)	Perfis De Encaixe:
0,116	



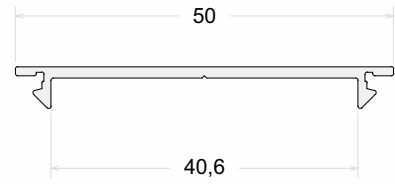
FX-273	Arremate Externo - Coluna 90°
Peso (Kg/m)	Perfis De Encaixe:
0,590	



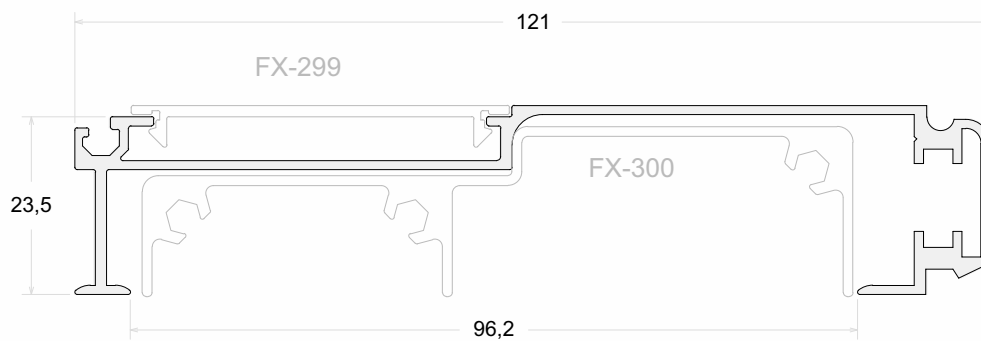
FX-269	Acabamento 90°
Peso (Kg/m)	Perfis De Encaixe:
0,623	



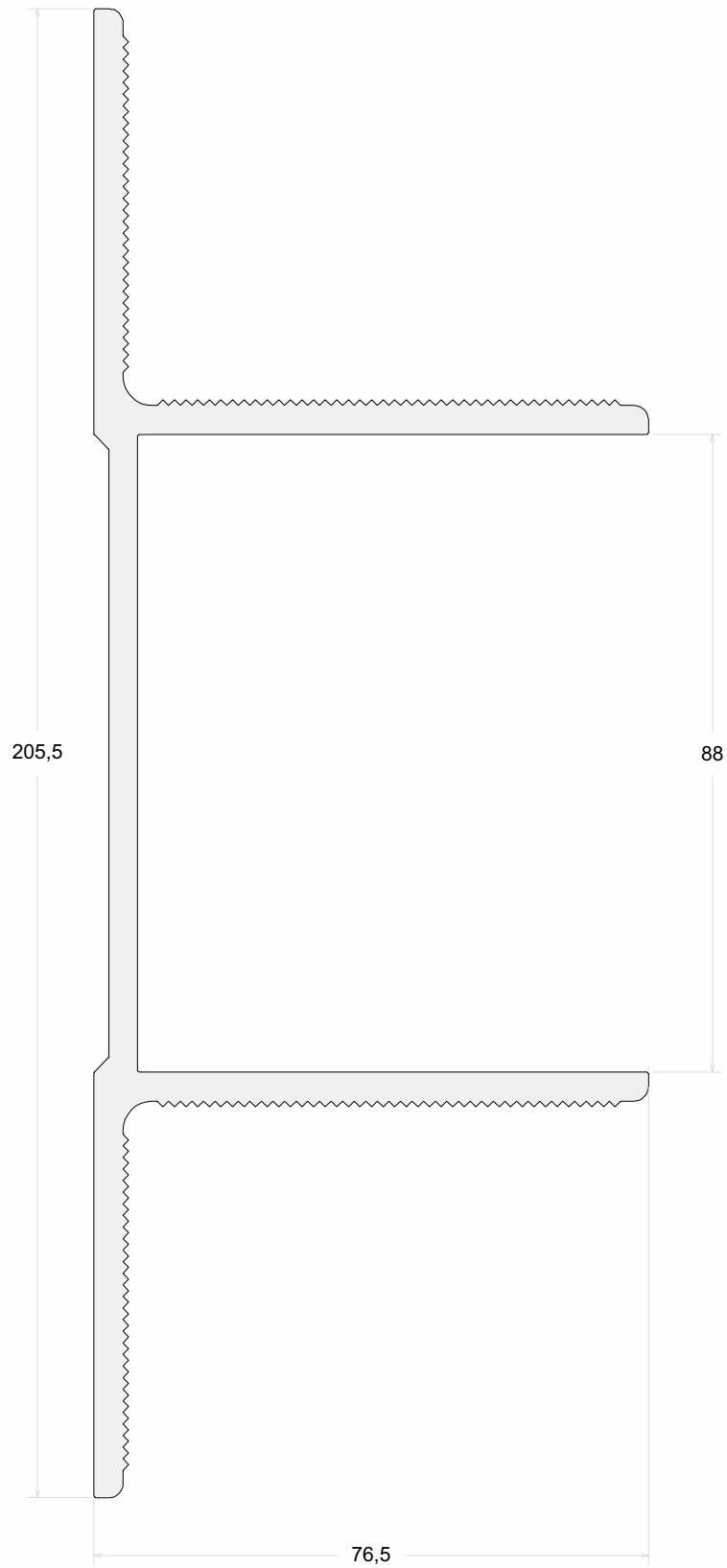
FX-299	Click Do Complemento FX-265
Peso (Kg/m)	Perfis De Encaixe:
0,224	



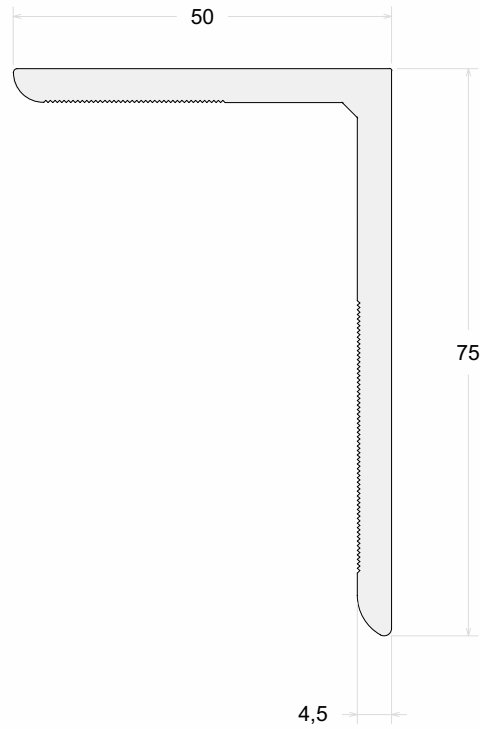
FX-265	Complemento Do Arremate
Peso (Kg/m)	Perfis De Encaixe:
0,802	



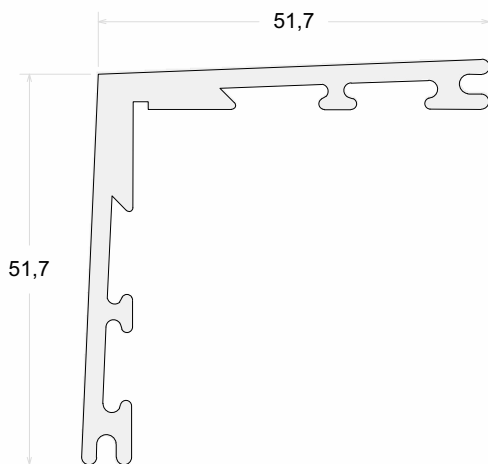
ANC-051	Ancoragem Central
Peso (Kg/m)	Perfis De Encaixe:
4,059	



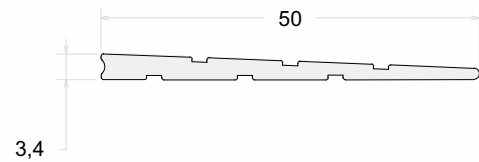
CD-004	Ancoragem Lateral
Peso (Kg/m)	Perfis De Encaixe:
1,427	



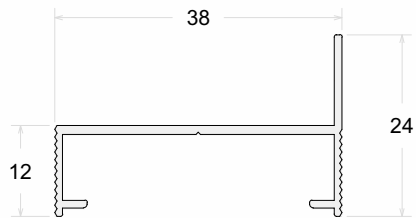
CL-006	Cantoneira Ligação 45°
Peso (Kg/m)	Perfis De Encaixe:
1,041	



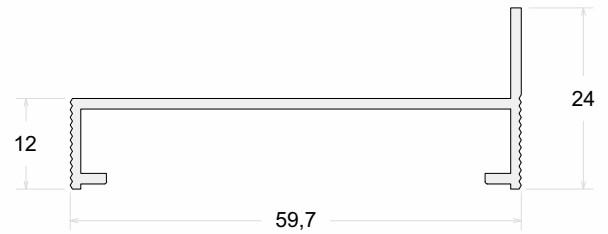
CL-011	Cunha de Ligação 45°
Peso (Kg/m)	Perfis De Encaixe:
0,308	



CM-060	Contramarco
Peso (Kg/m)	Perfis De Encaixe:
0,222	

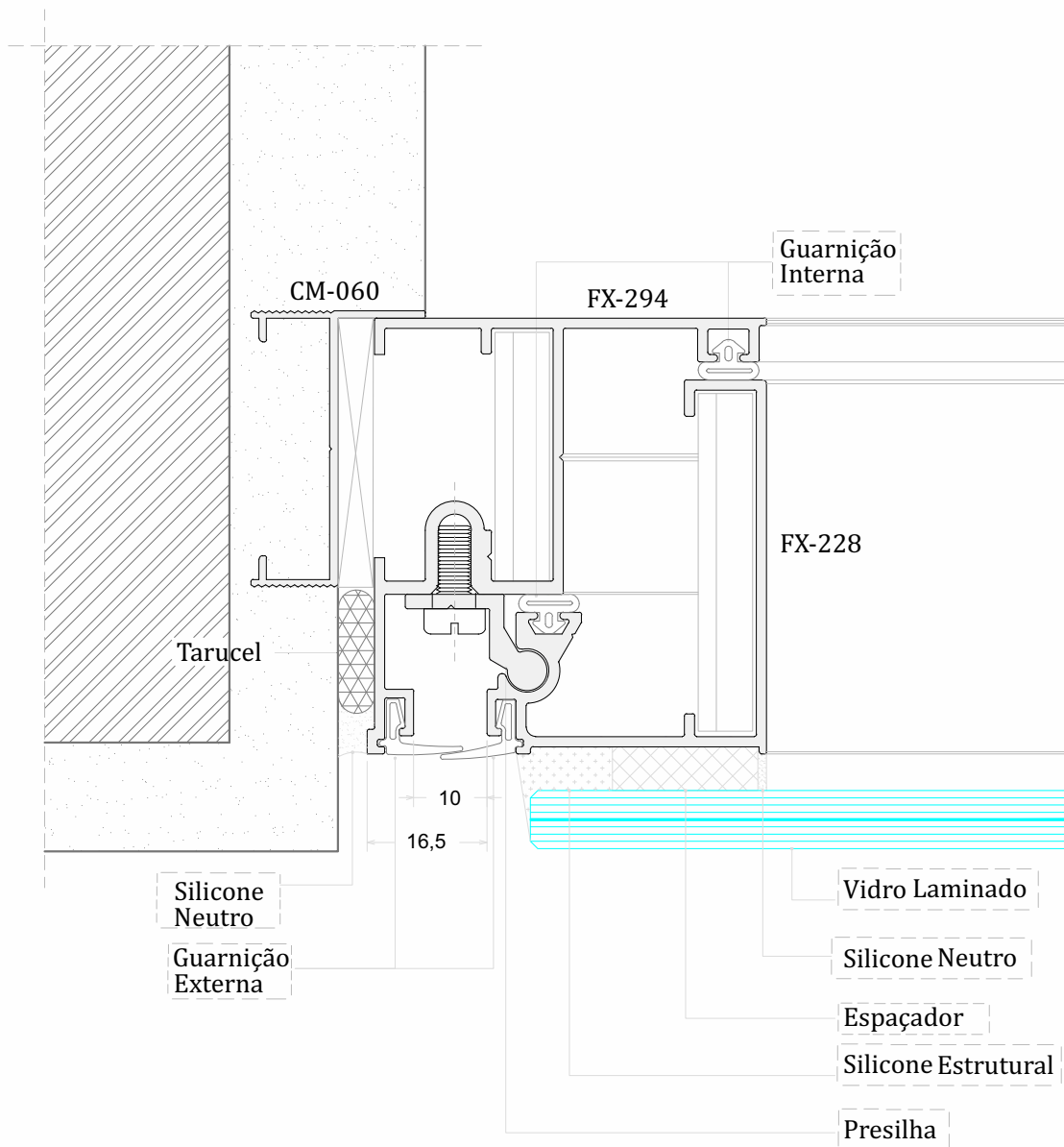
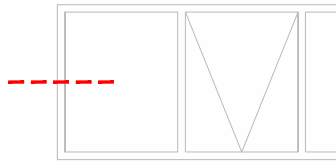


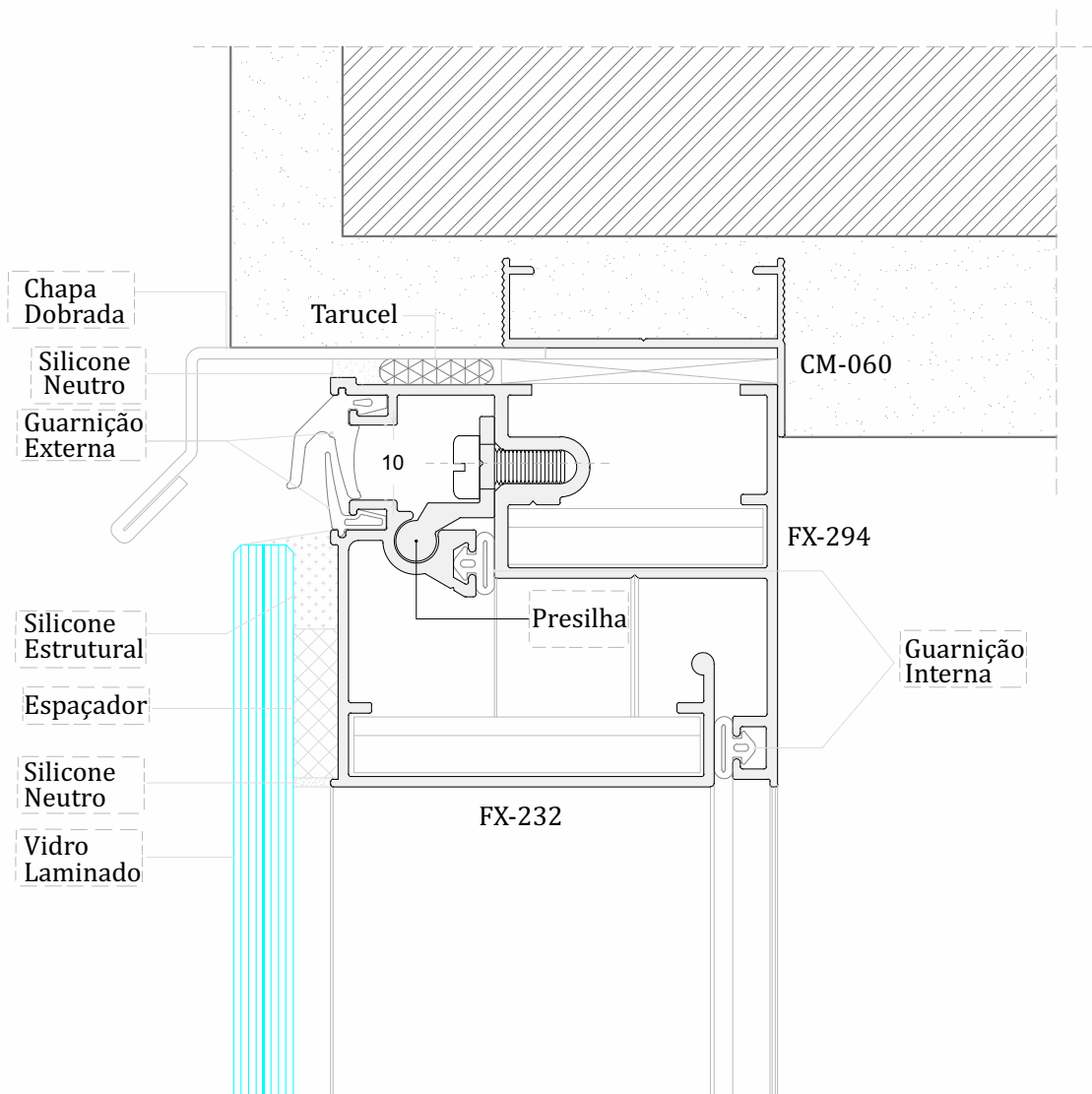
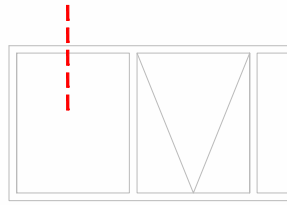
Y-1174	Contramarco
Peso (Kg/m)	Perfis De Encaixe:
0,369	

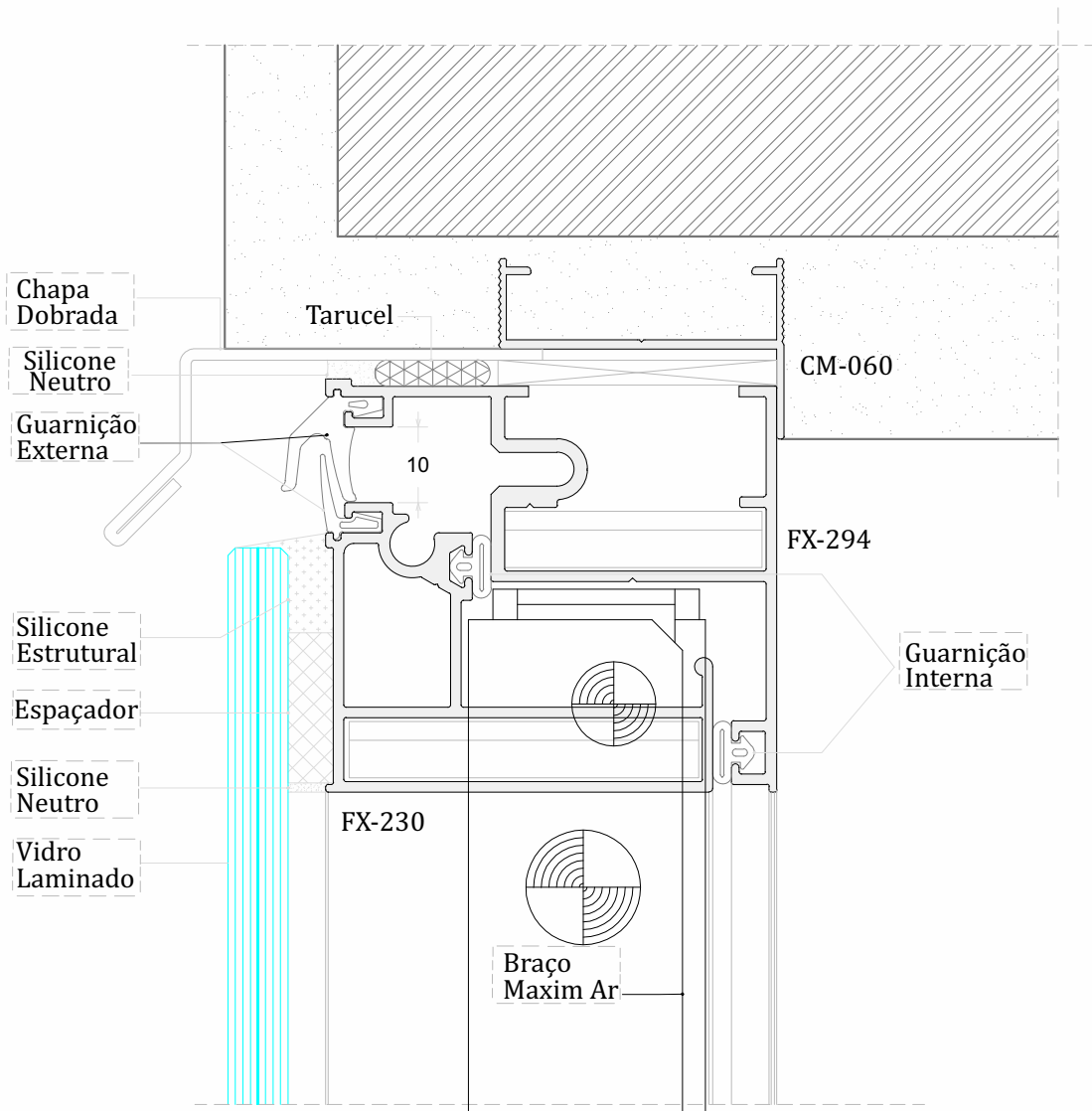
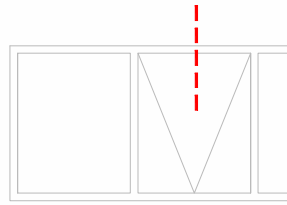


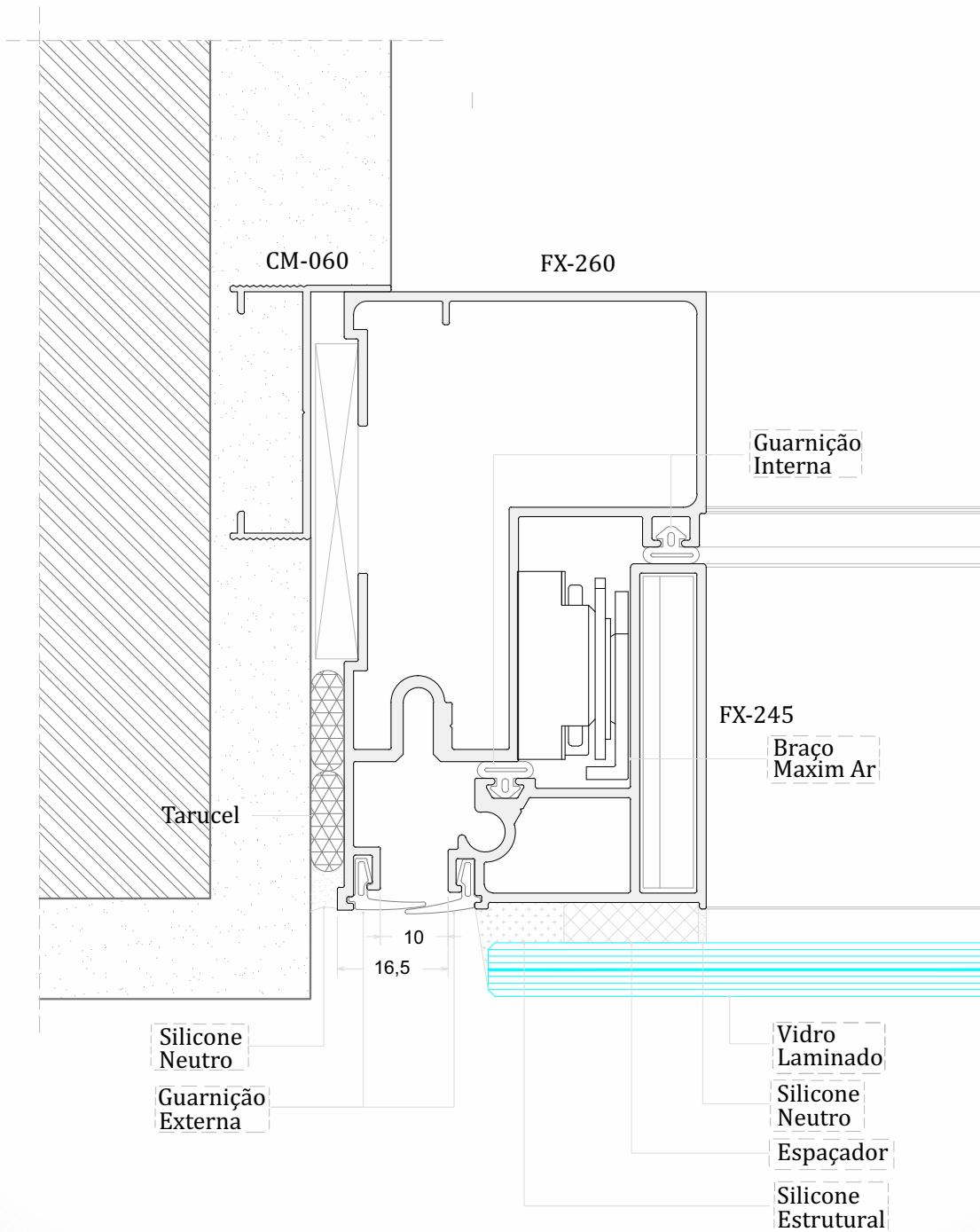
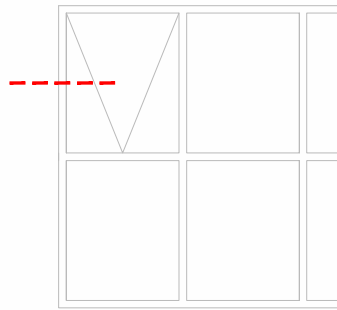
CM-175	Chumbador - Contramarco
Peso (Kg/m)	Perfis De Encaixe:
0,589	

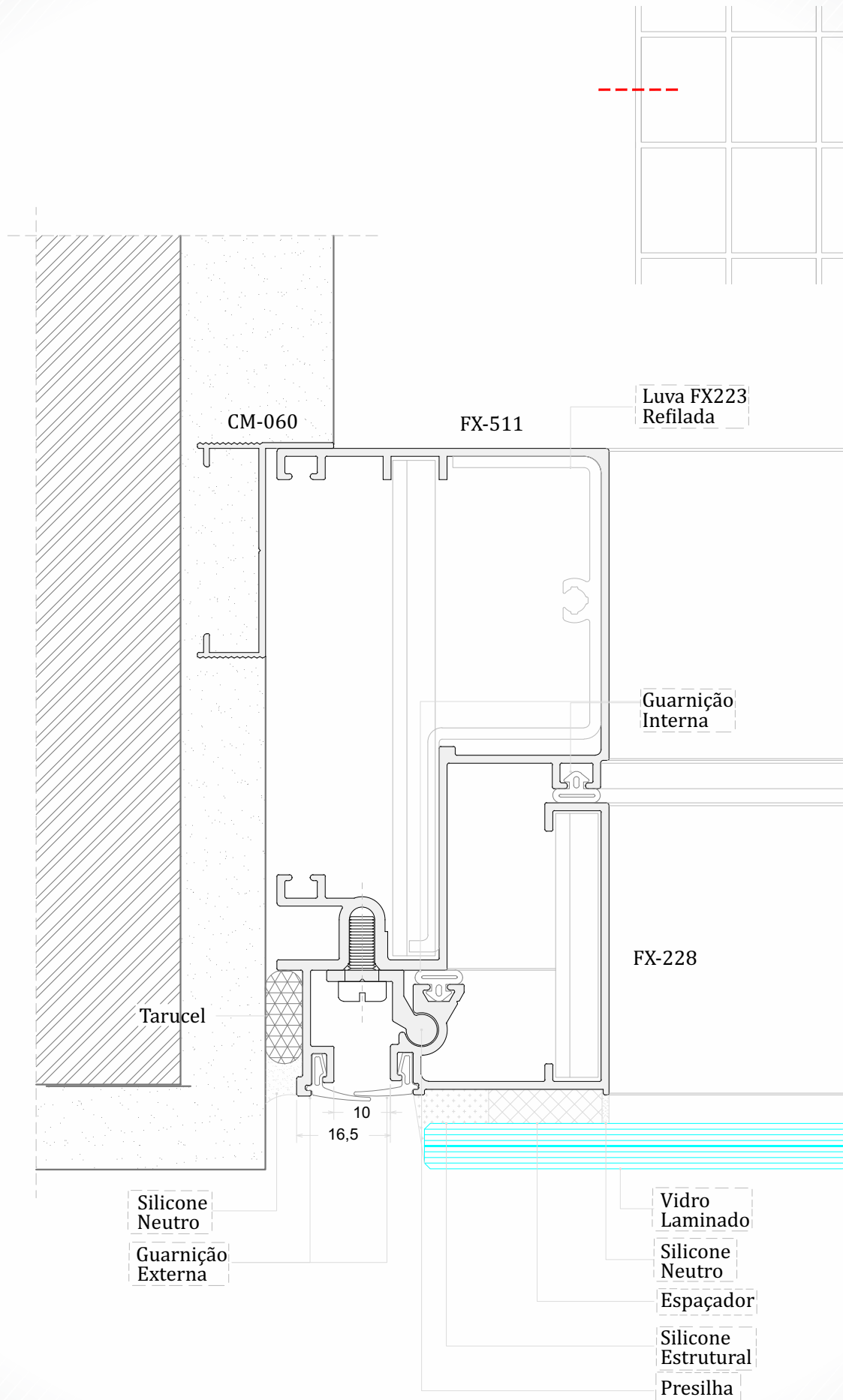


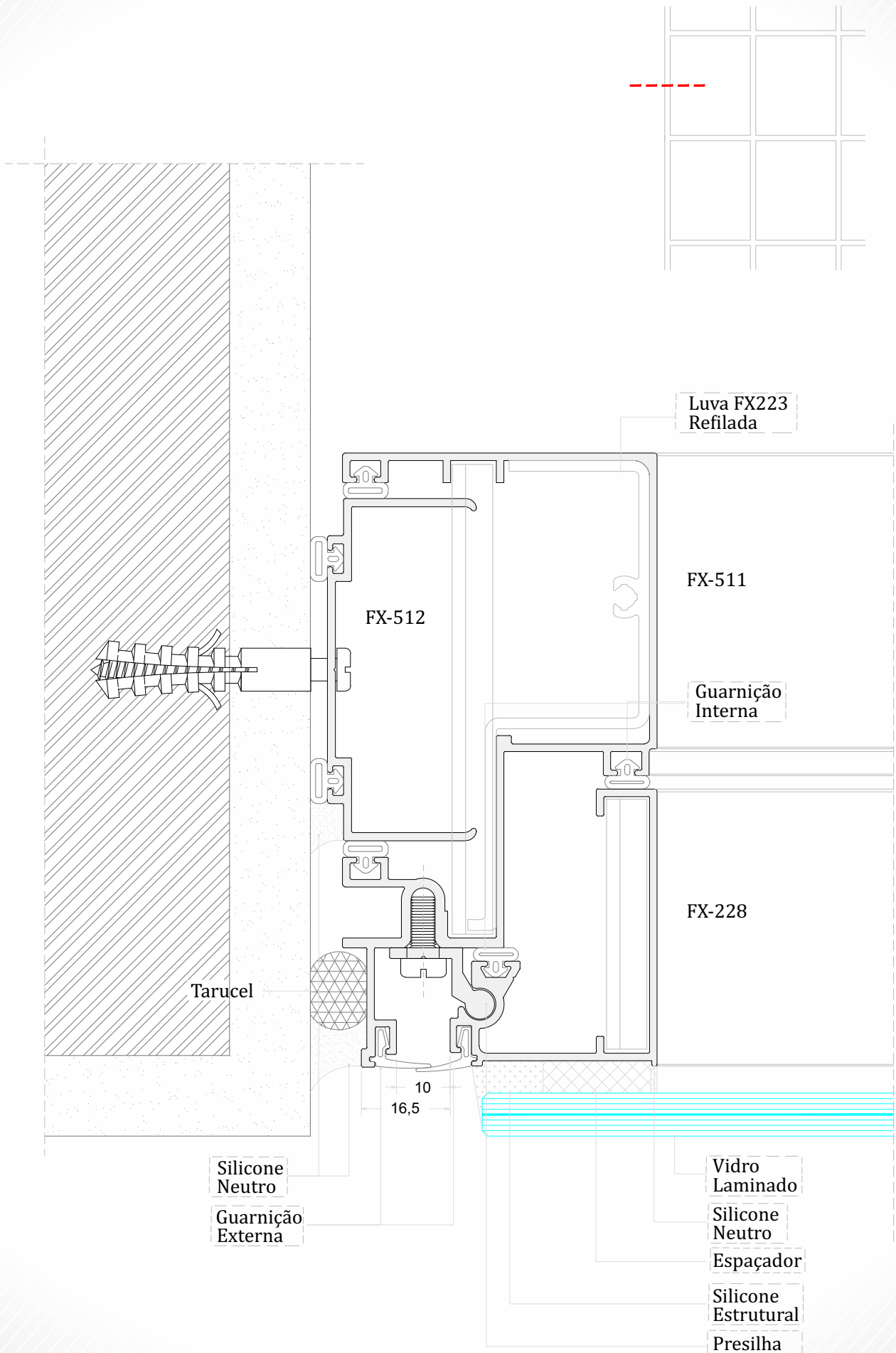


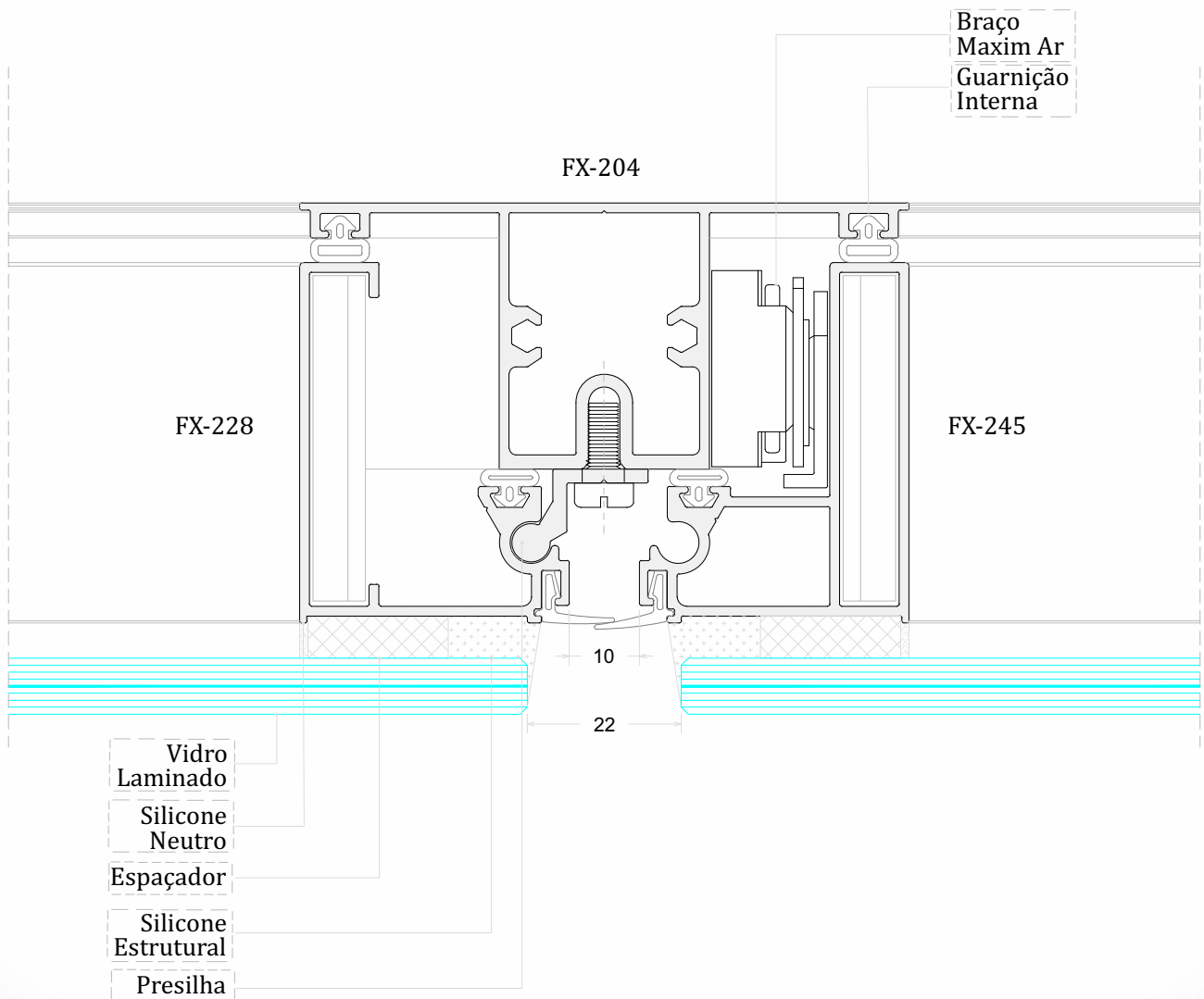
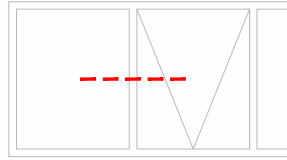


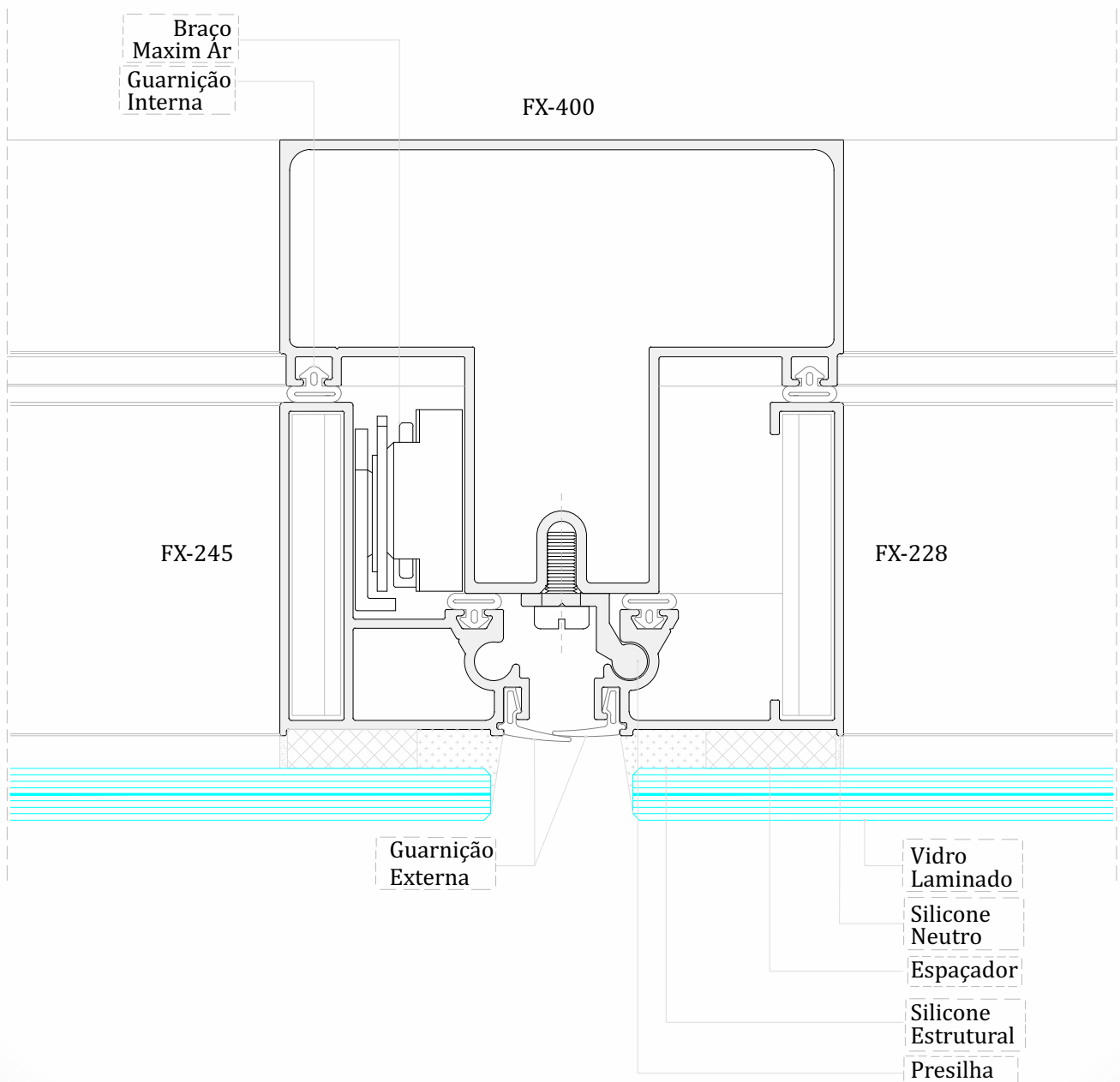
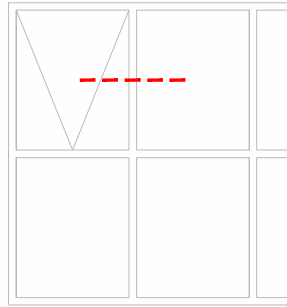


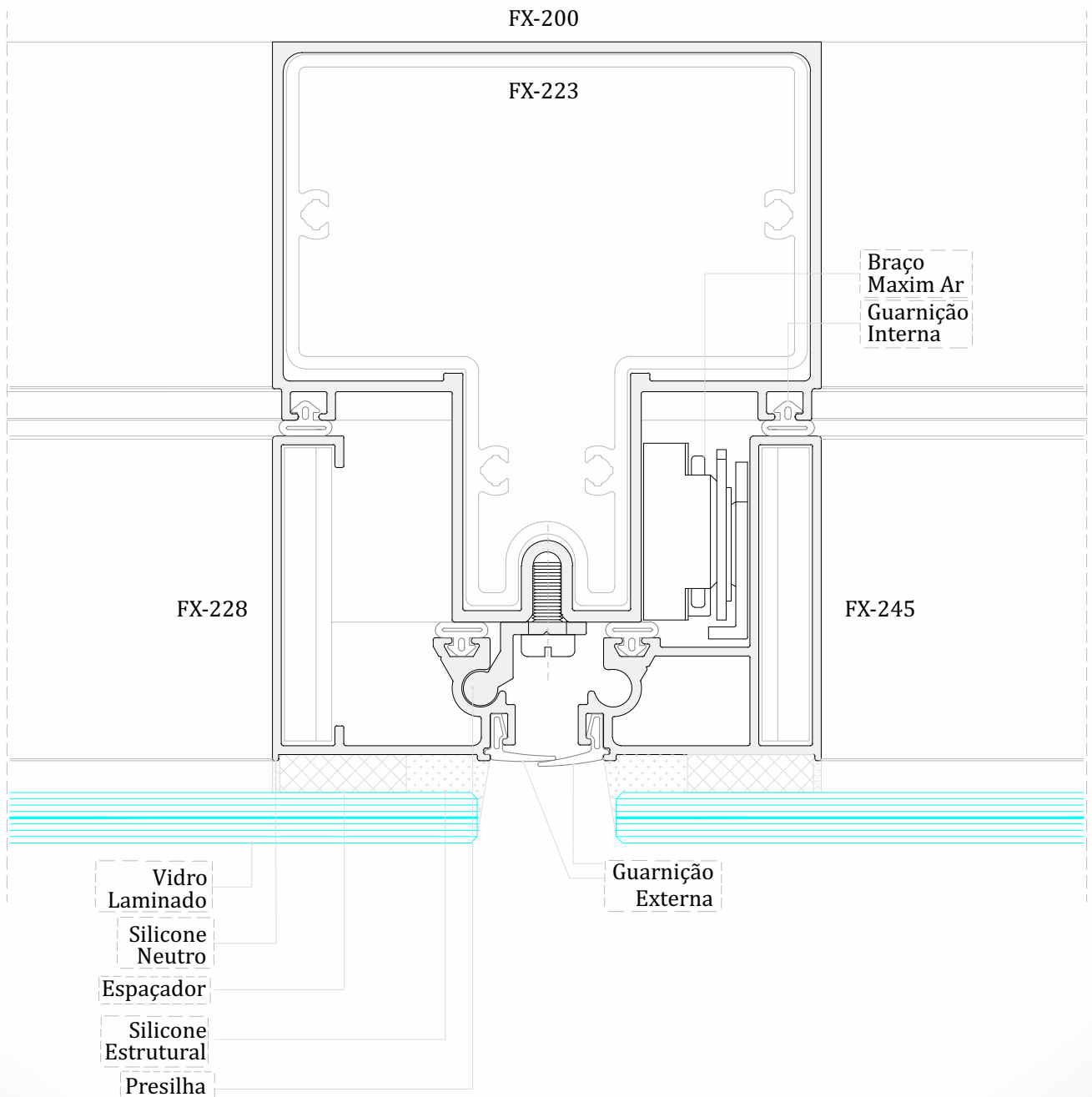
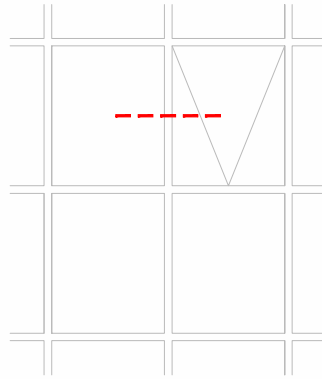


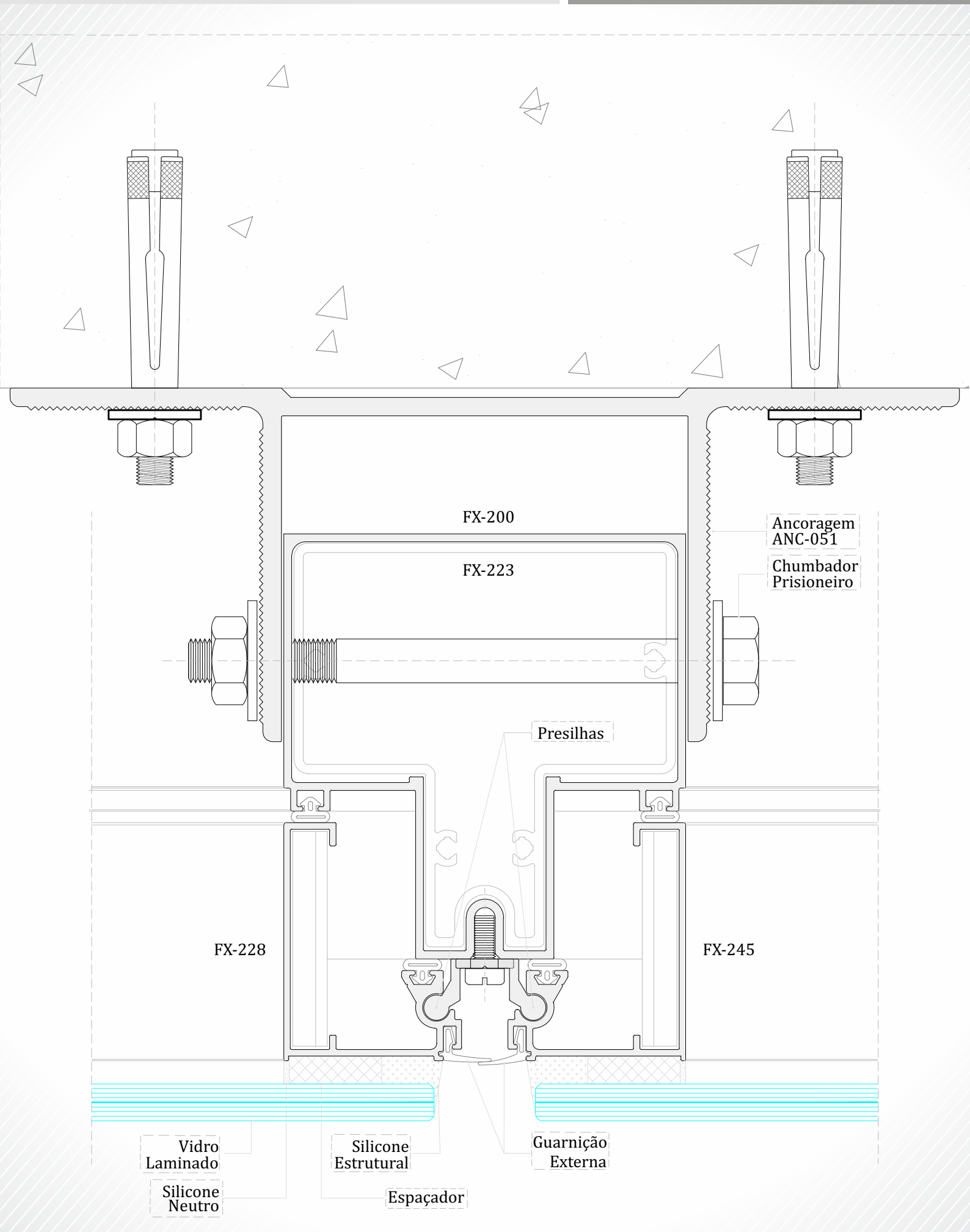


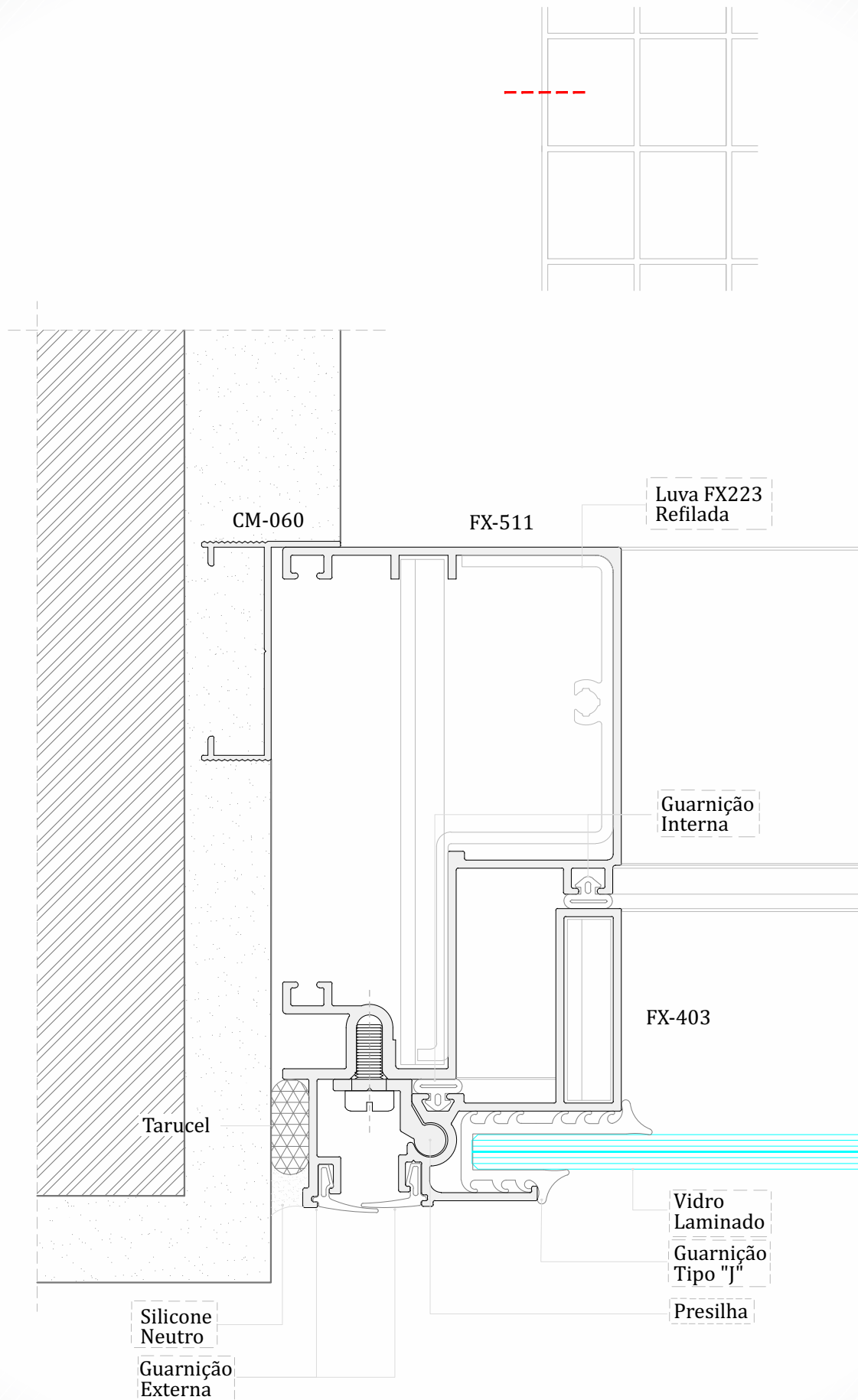


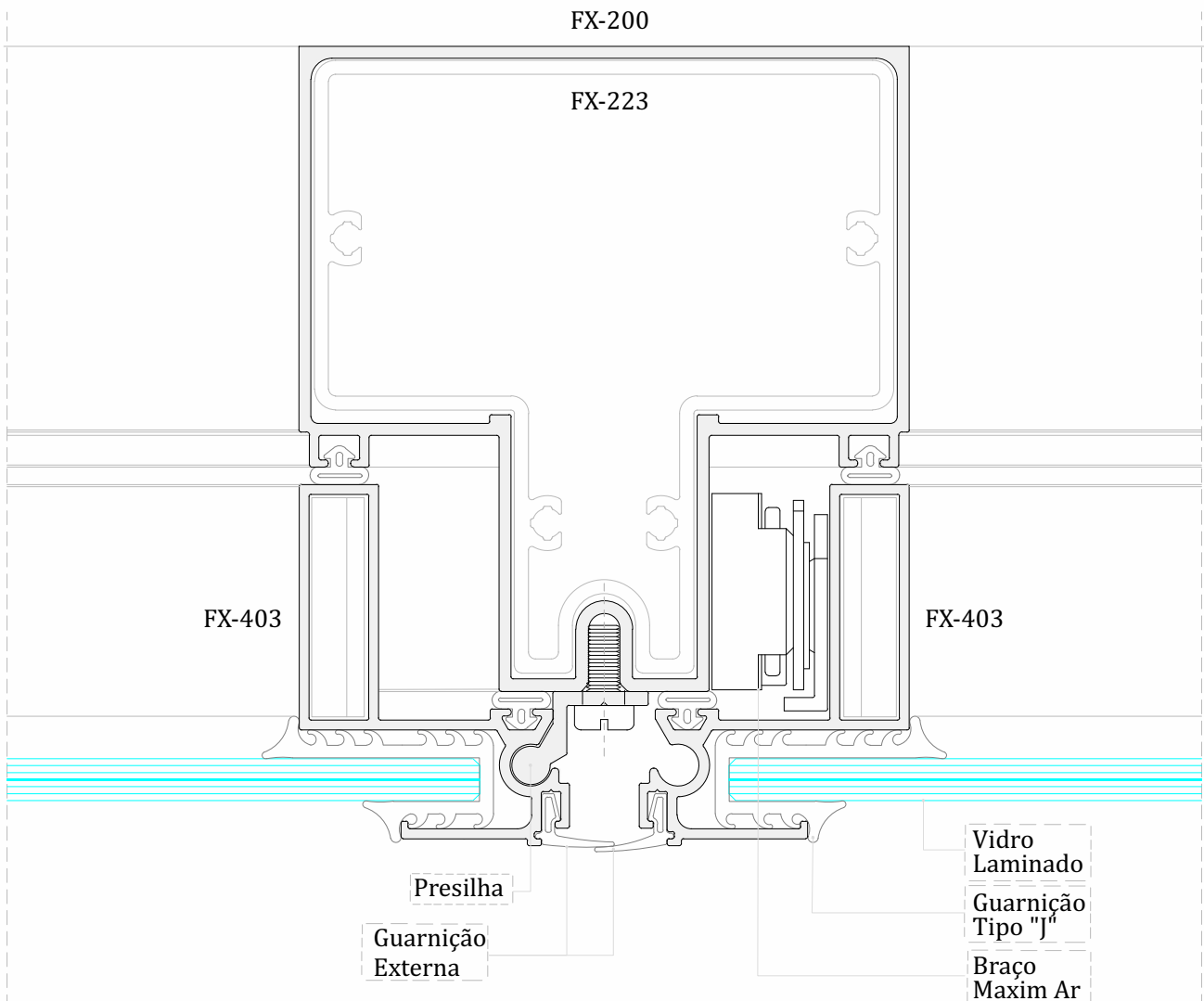
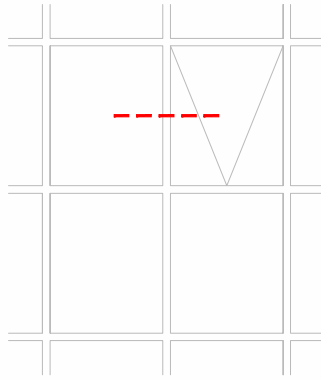


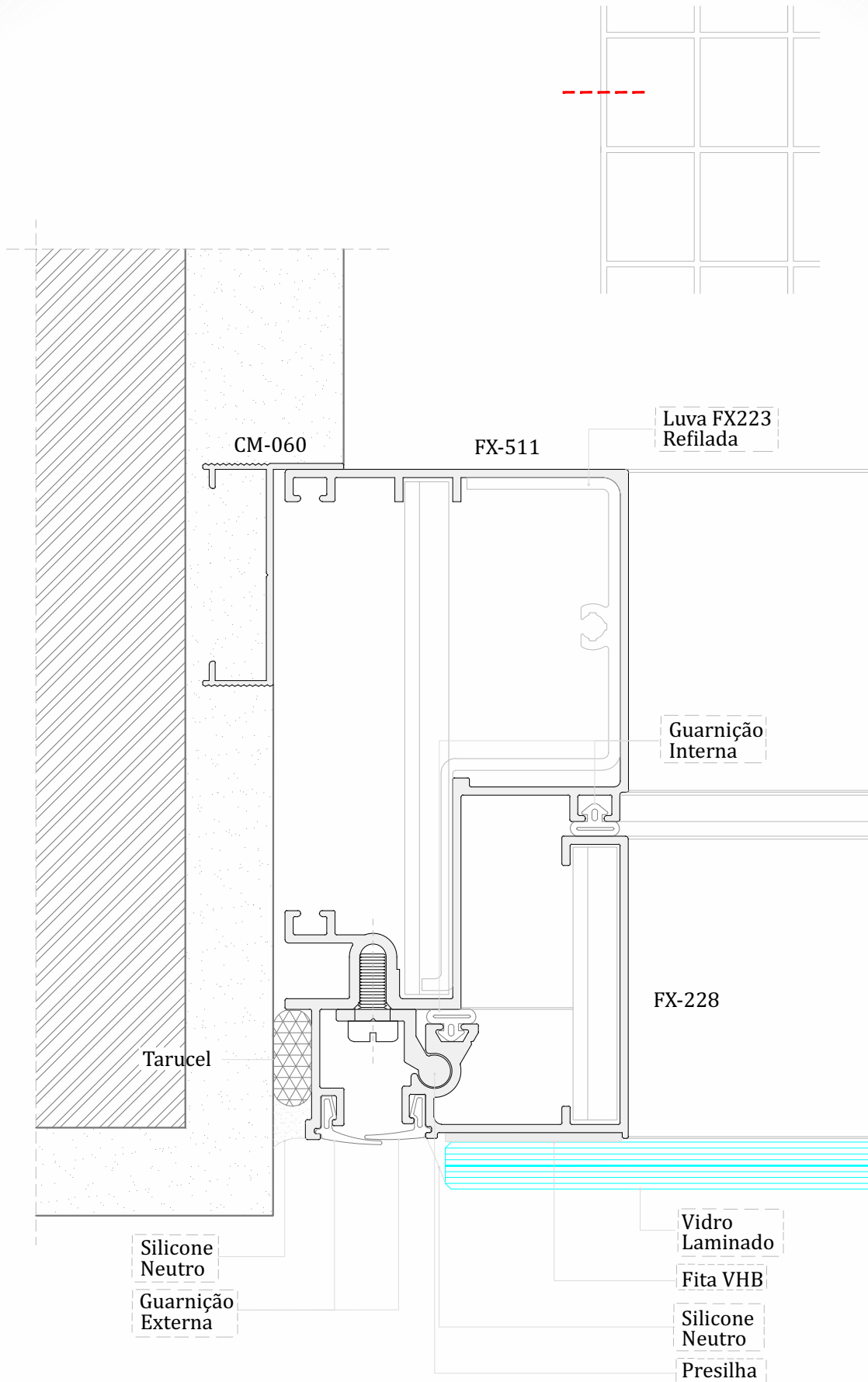


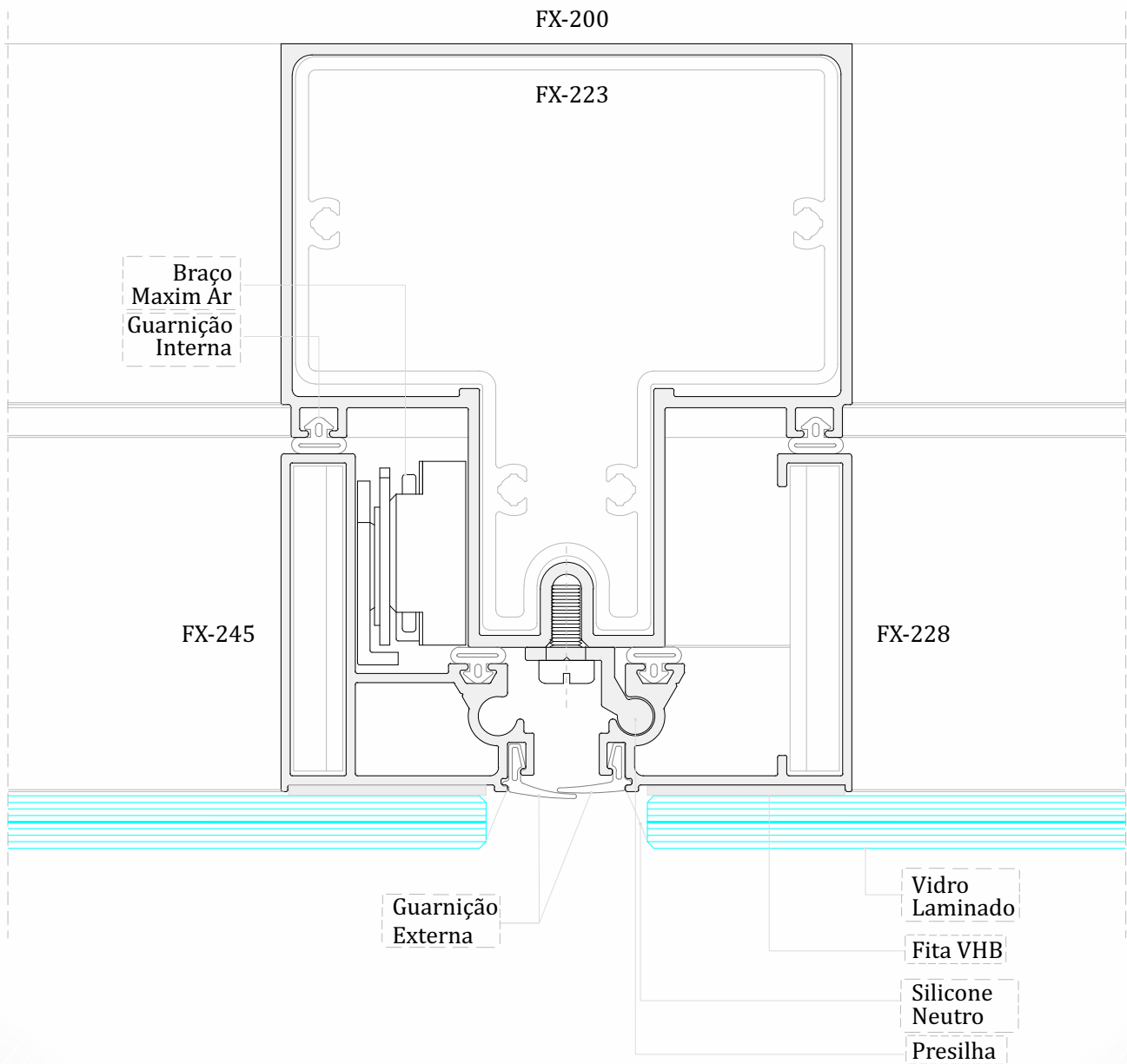
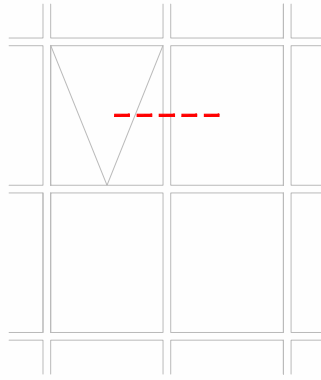


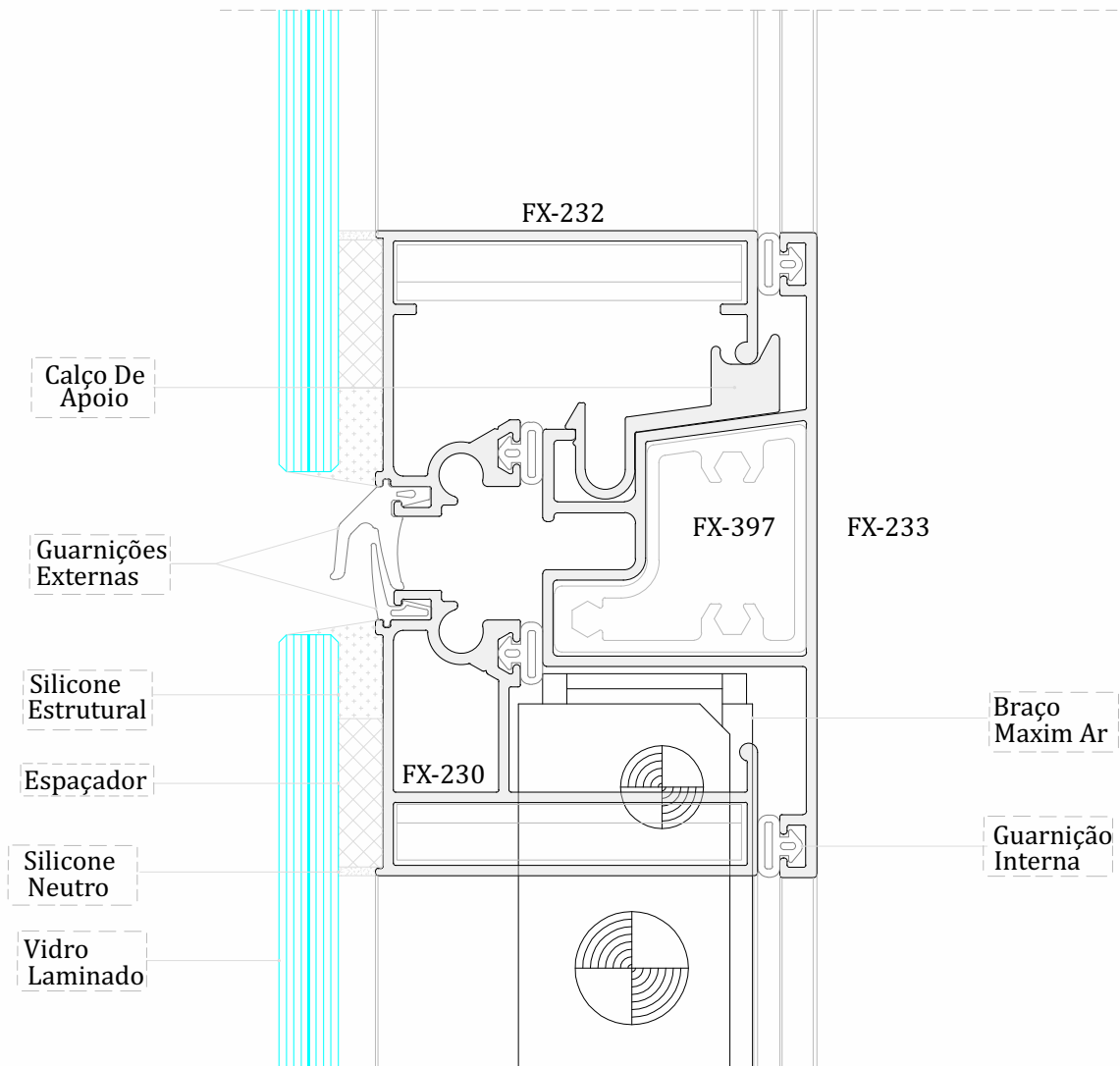
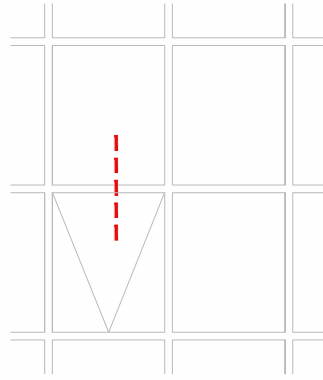


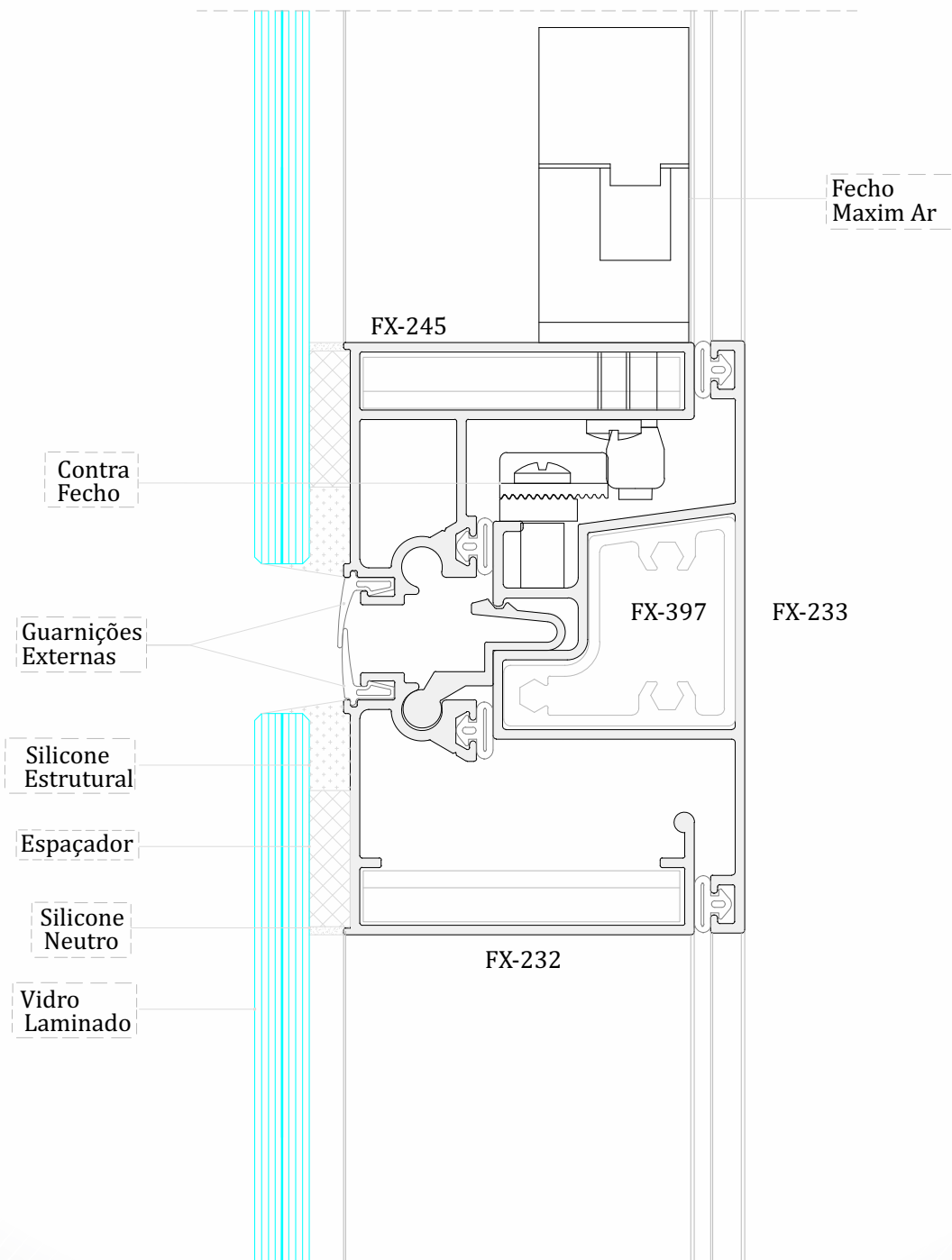
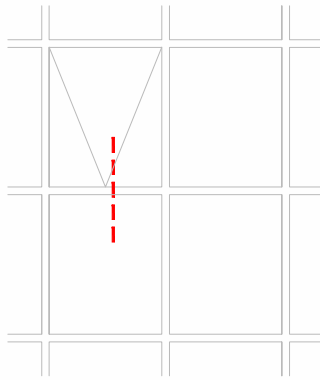


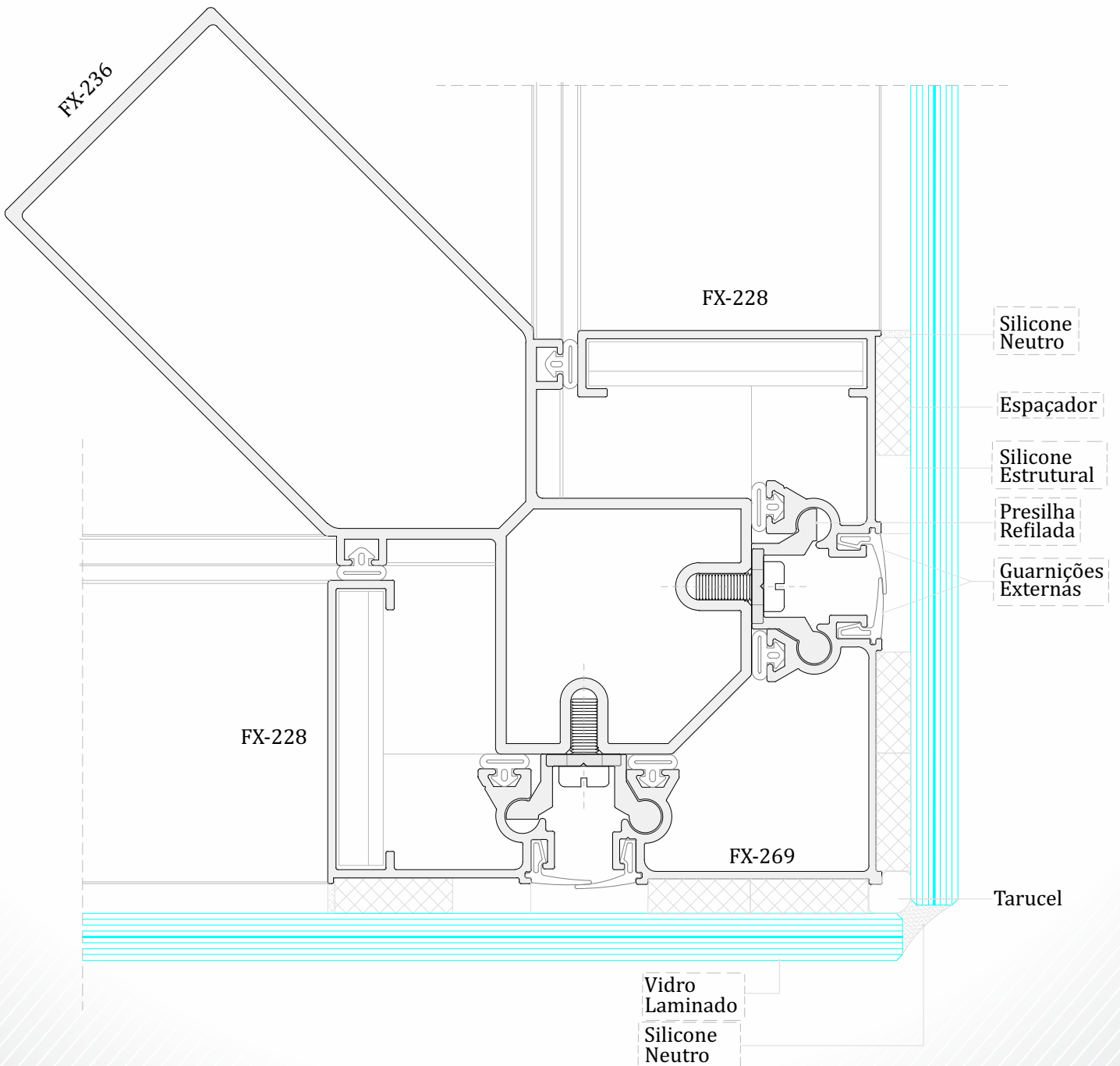
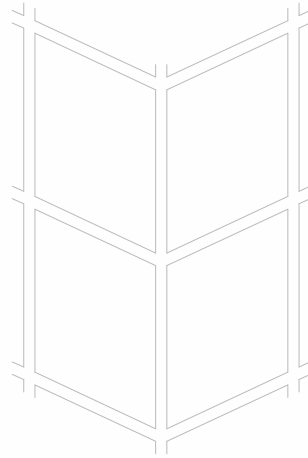


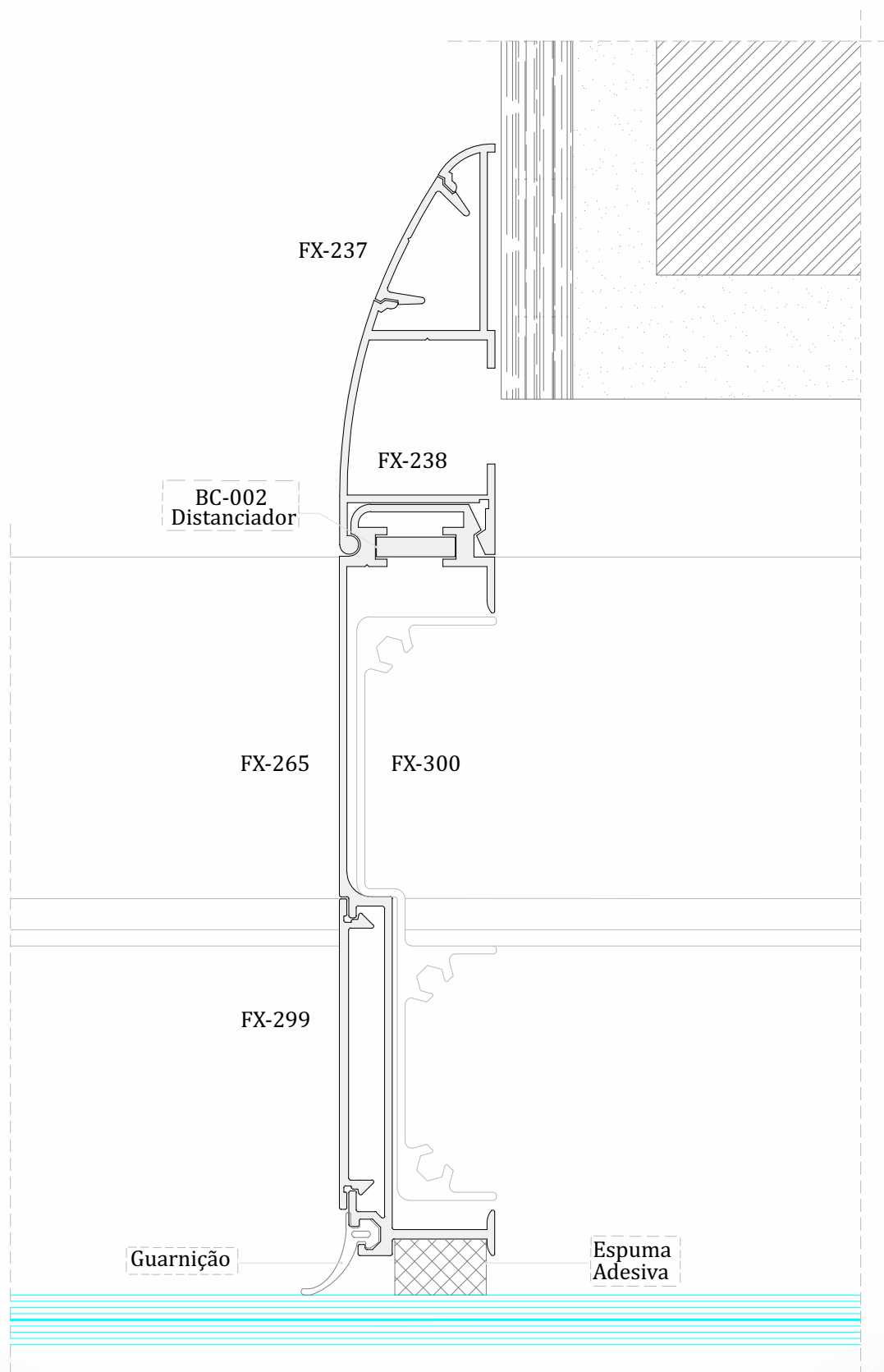


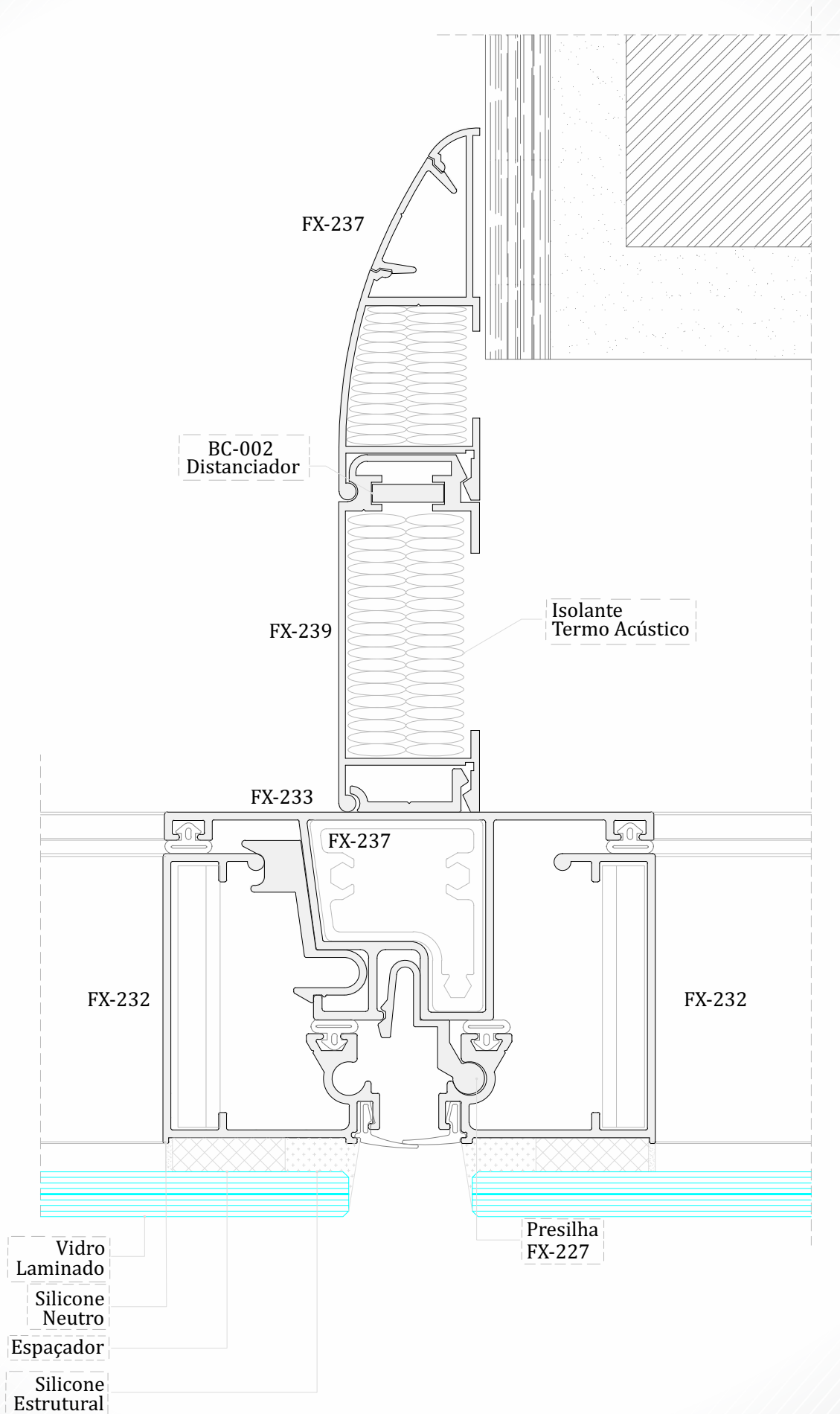


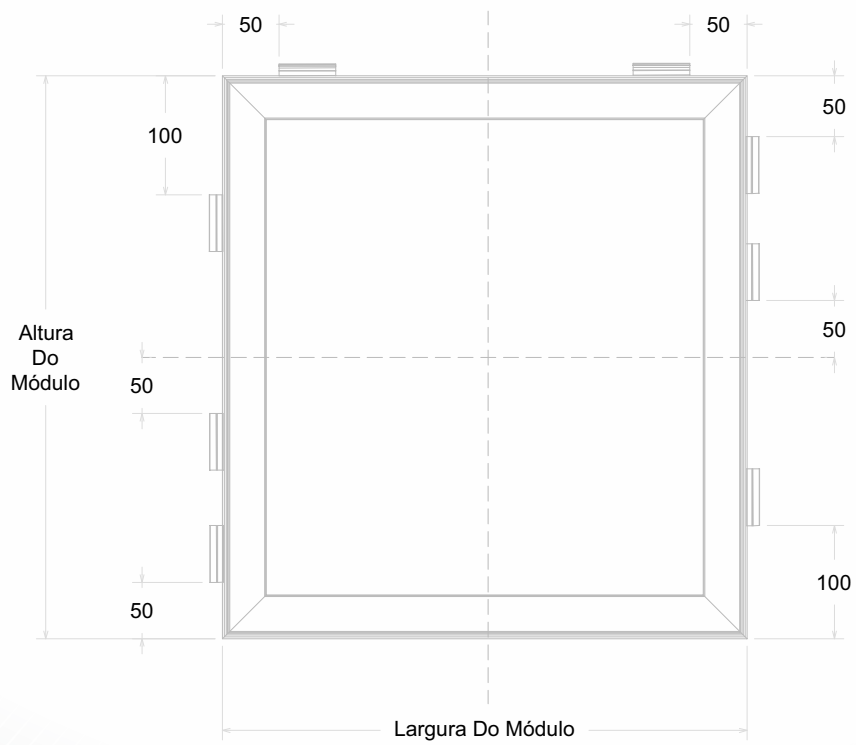
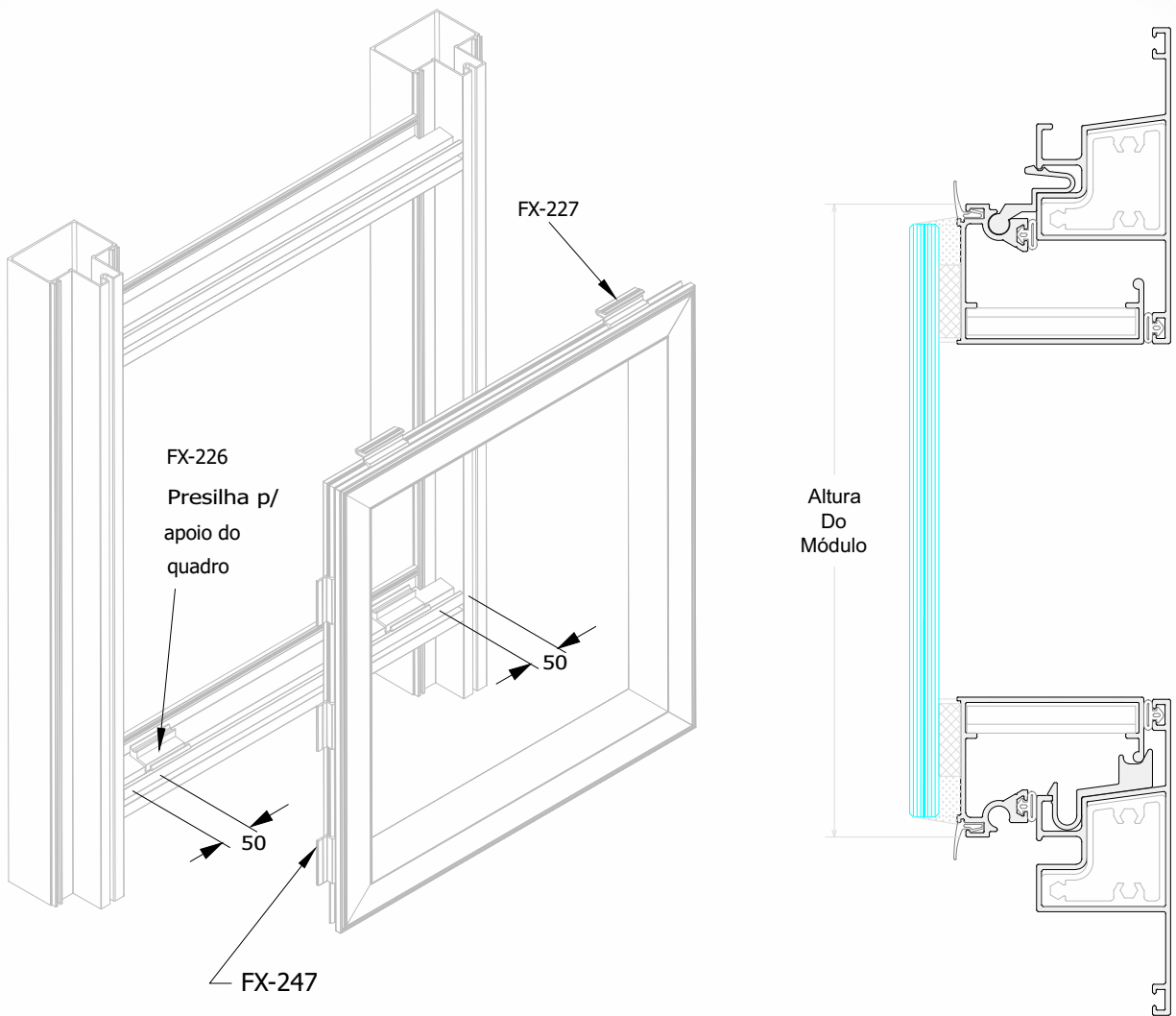












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