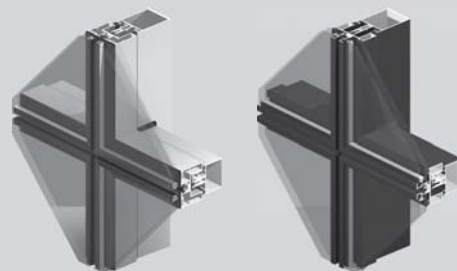
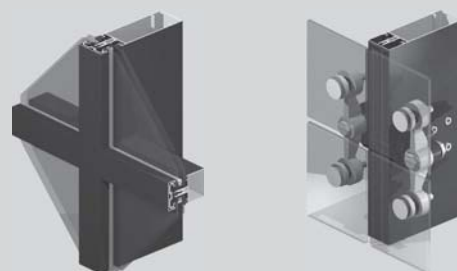


Fachada Estrutural



Fachada Semi-Estrutural



Fachada Muro Invertido



Fachada Milénio

Sistema Ergolux

Lâminas Quebra Sol

SISTEMAS DE FACHADA

Fachada Estrutural

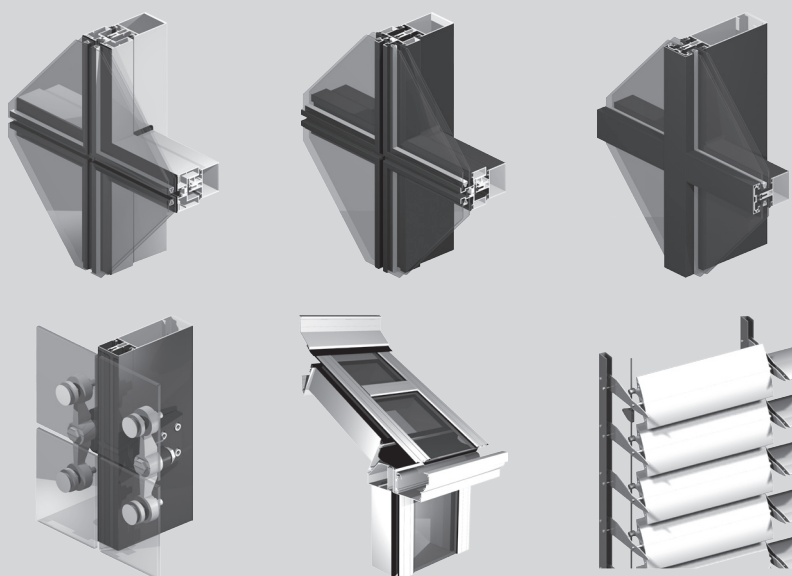
Fachada Semi-Estrutural

Fachada Muro Invertido

Fachada Milénio

Sistema Ergolux

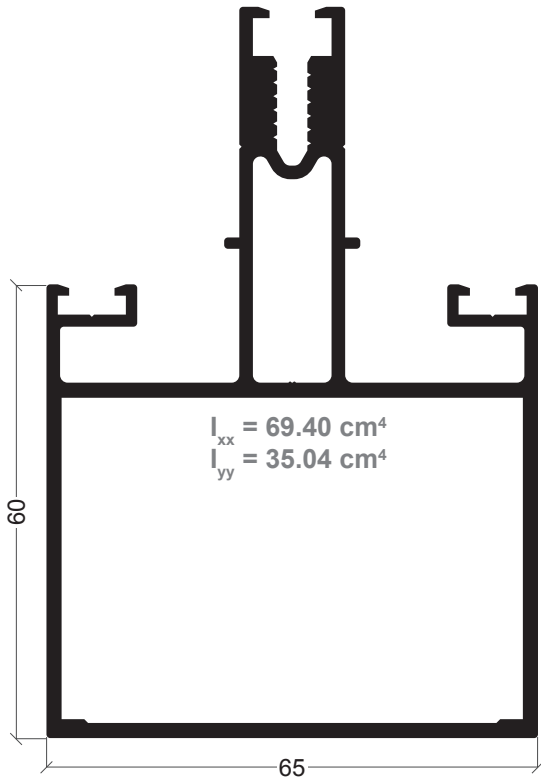
Lâminas Quebra Sol



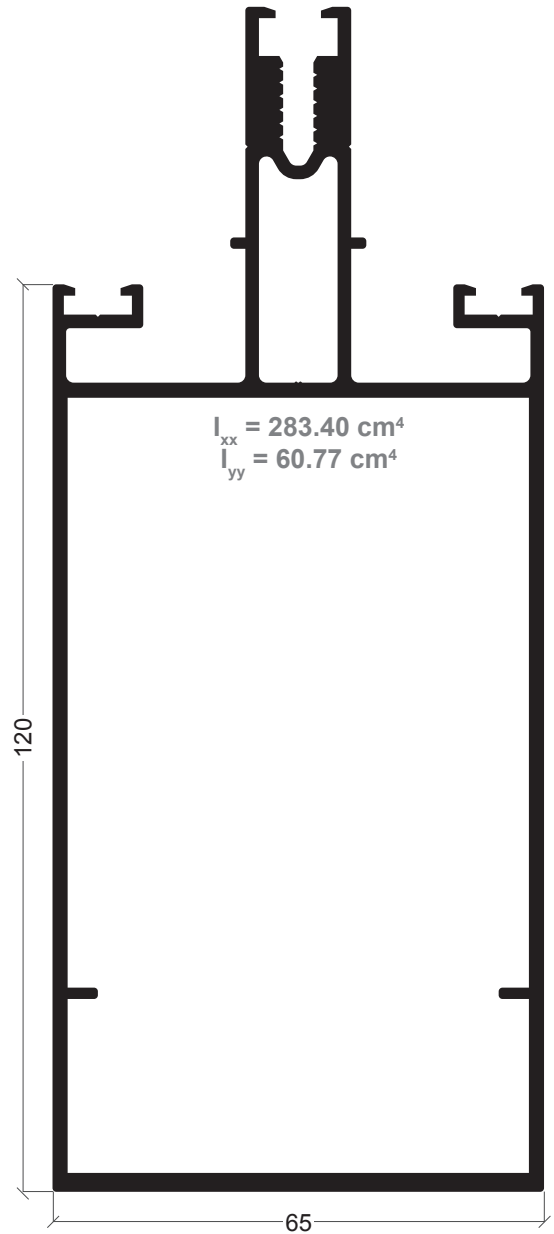
Sistema

FL

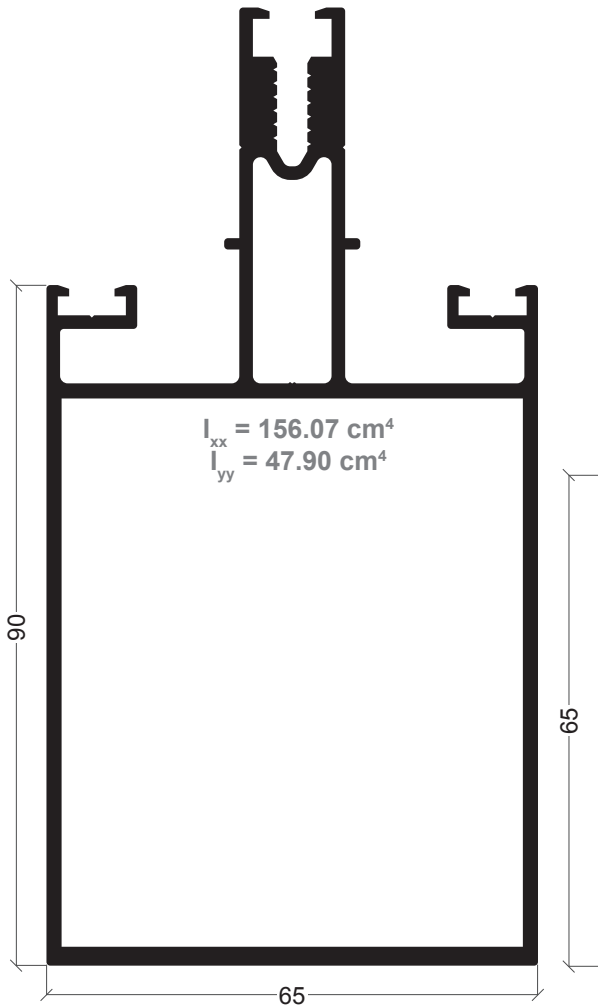




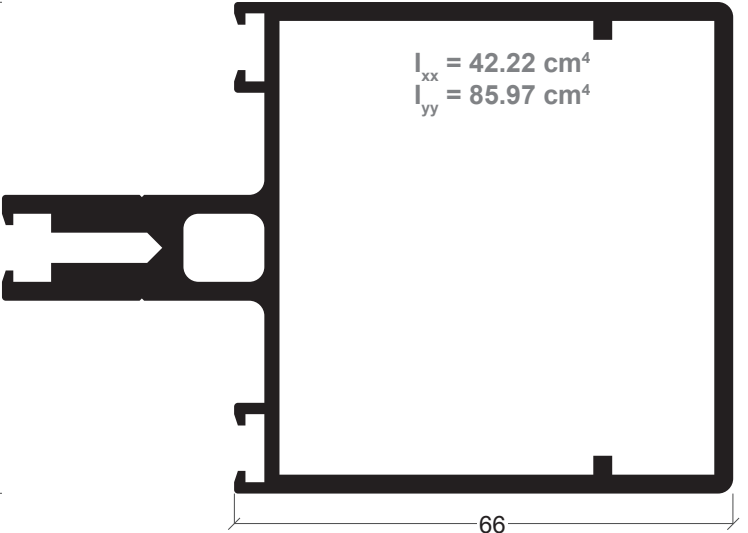
FL-14
Montante de 60 mm



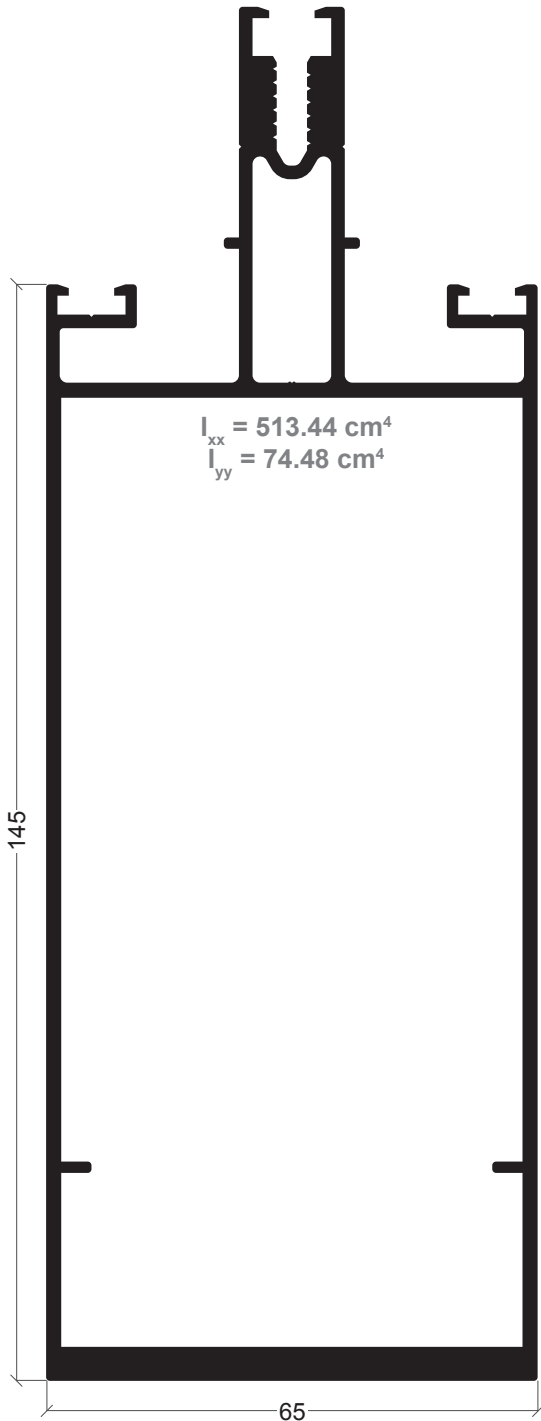
FL-13
Montante de 120 mm



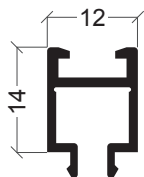
FL-10
Montante de 90 mm



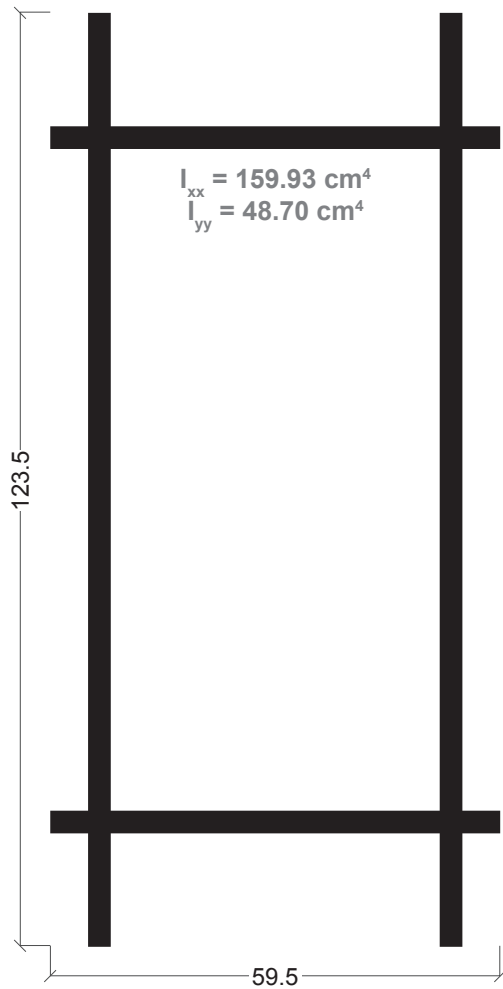
FL-80
Travessa 66 mm



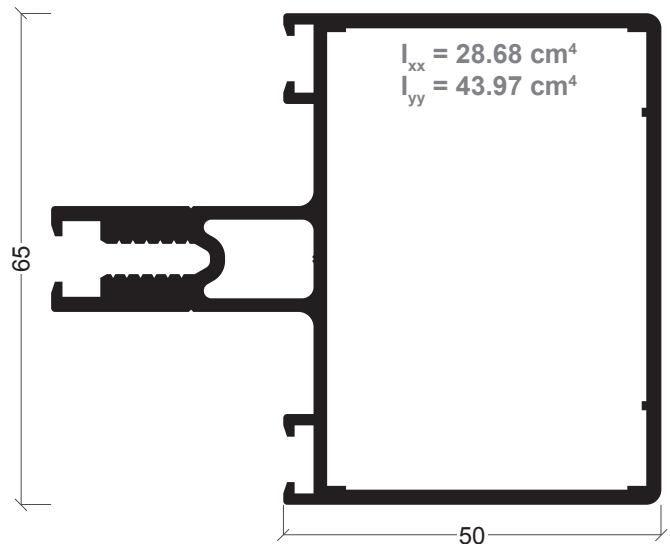
FL-11
Montante de 145 mm



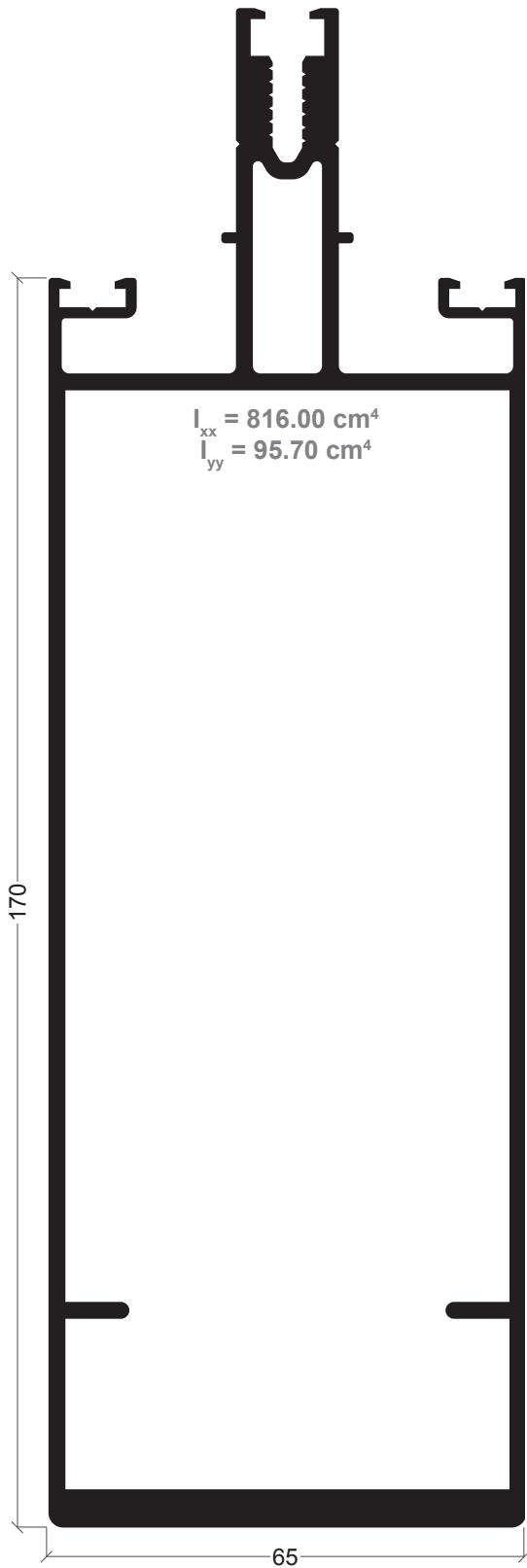
FL-32
Suplemento



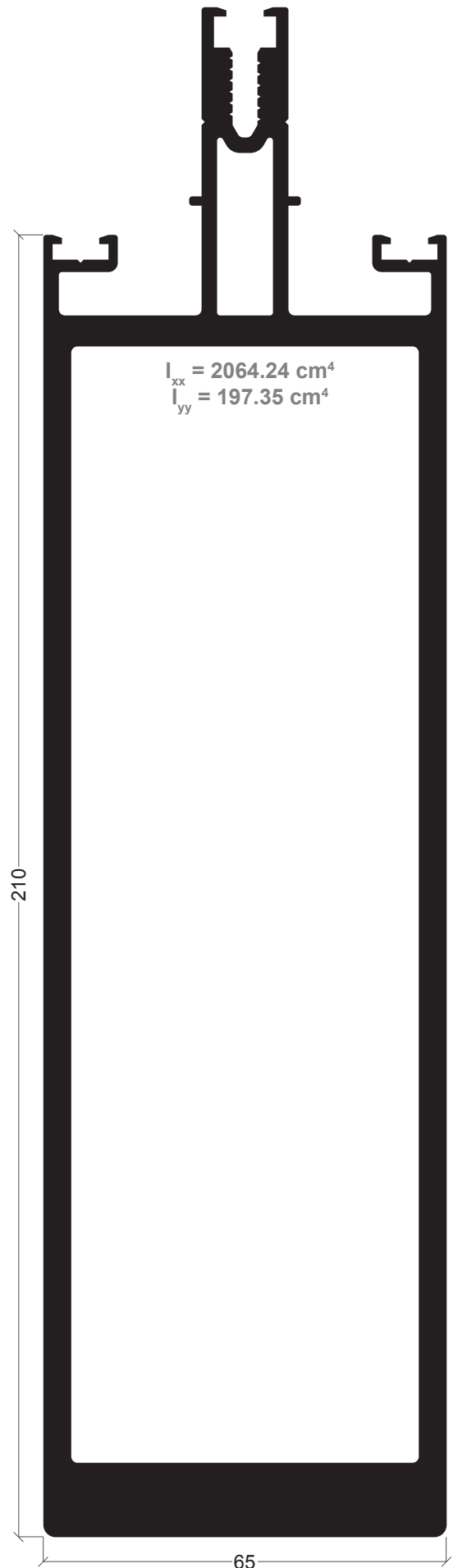
FL-20
União de montantes



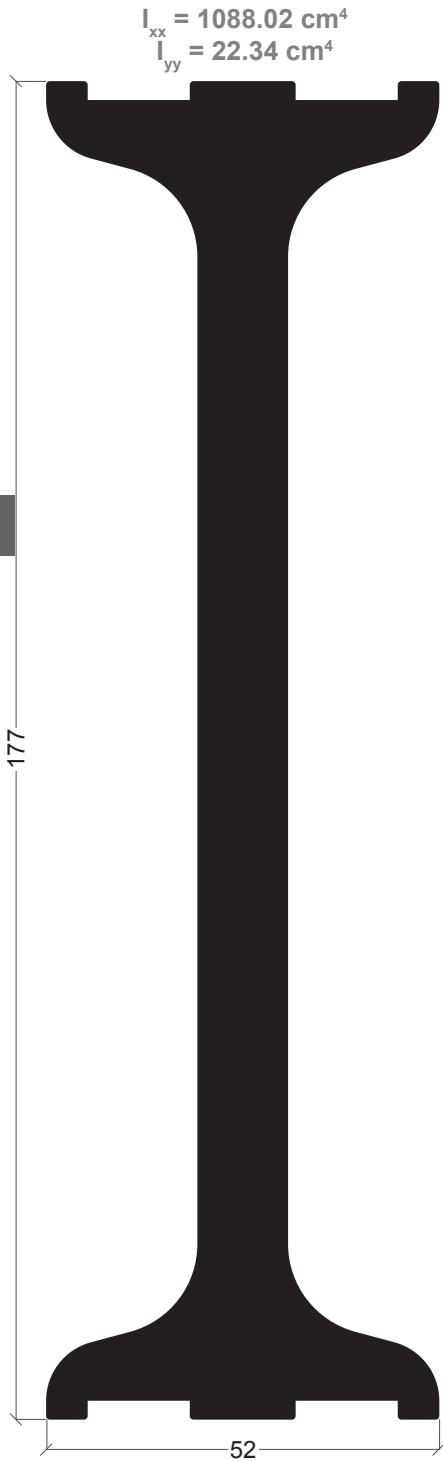
FL-12
Travessa 50 mm



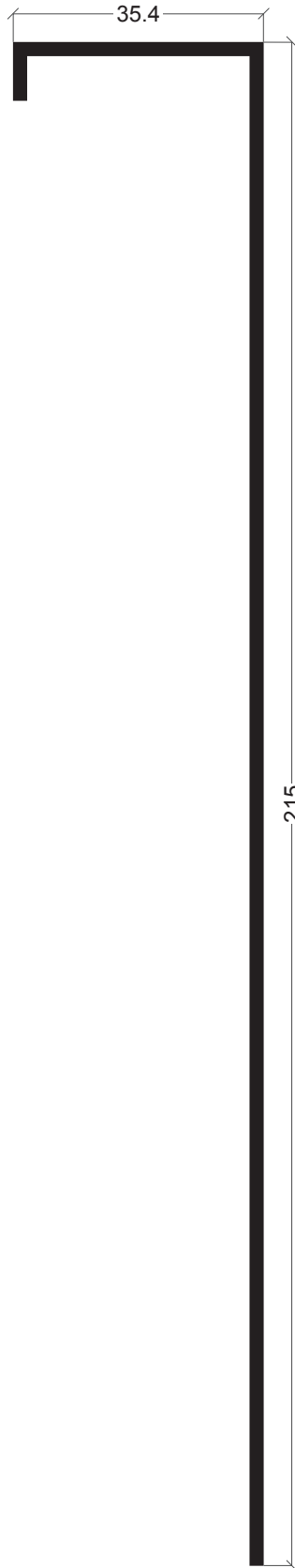
FL-70
Montante de 170 mm



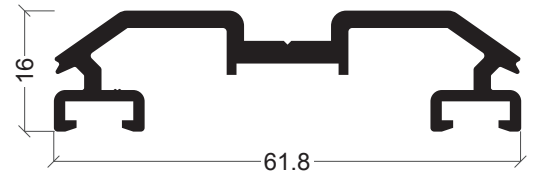
FL-34
Montante de 210 mm



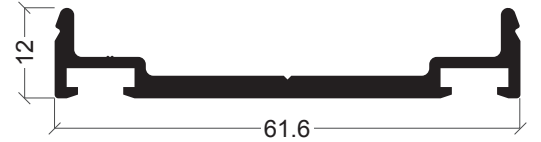
FL-40
IPN de reforço



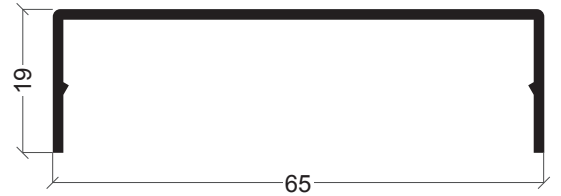
FL-21
Remate



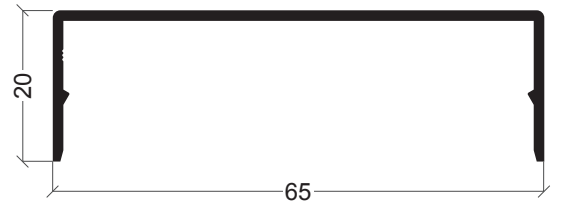
FL-07
Contra tampa



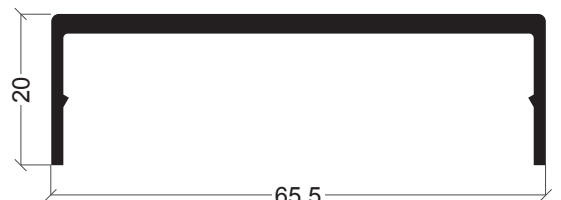
FL-35
Contra tampa



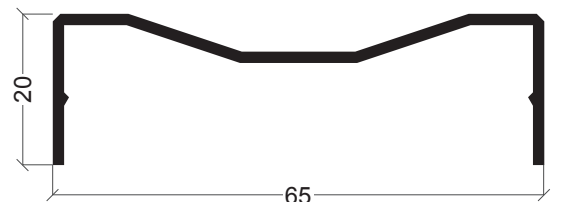
FL-08
Tampa vertical



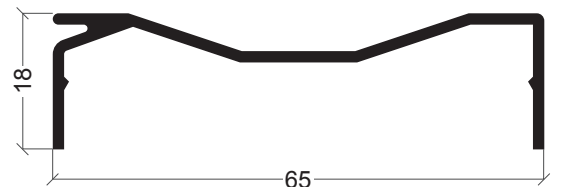
FL-09
Tampa vertical



FL-33
Tampa vertical



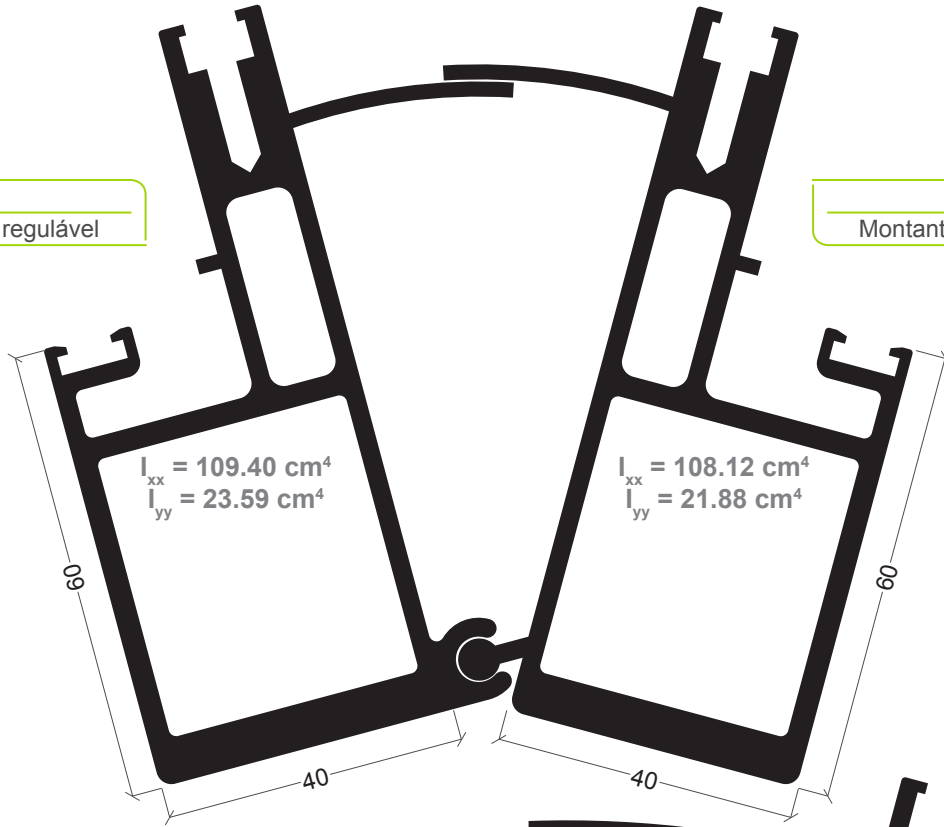
FL-36
Tampa trapezoidal vertical



FL-37
Tampa trapezoidal horizontal

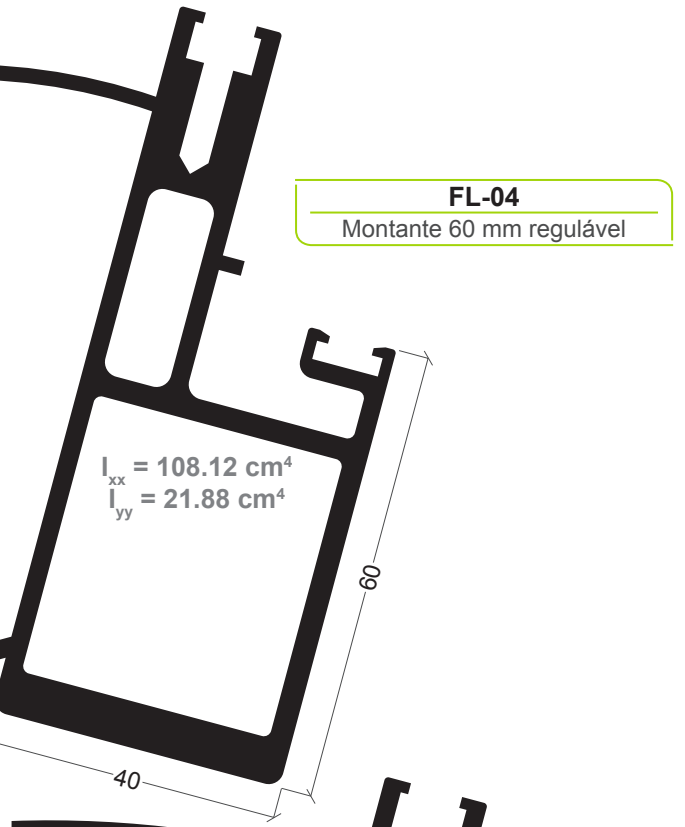
FL-05

Montante 60 mm regulável



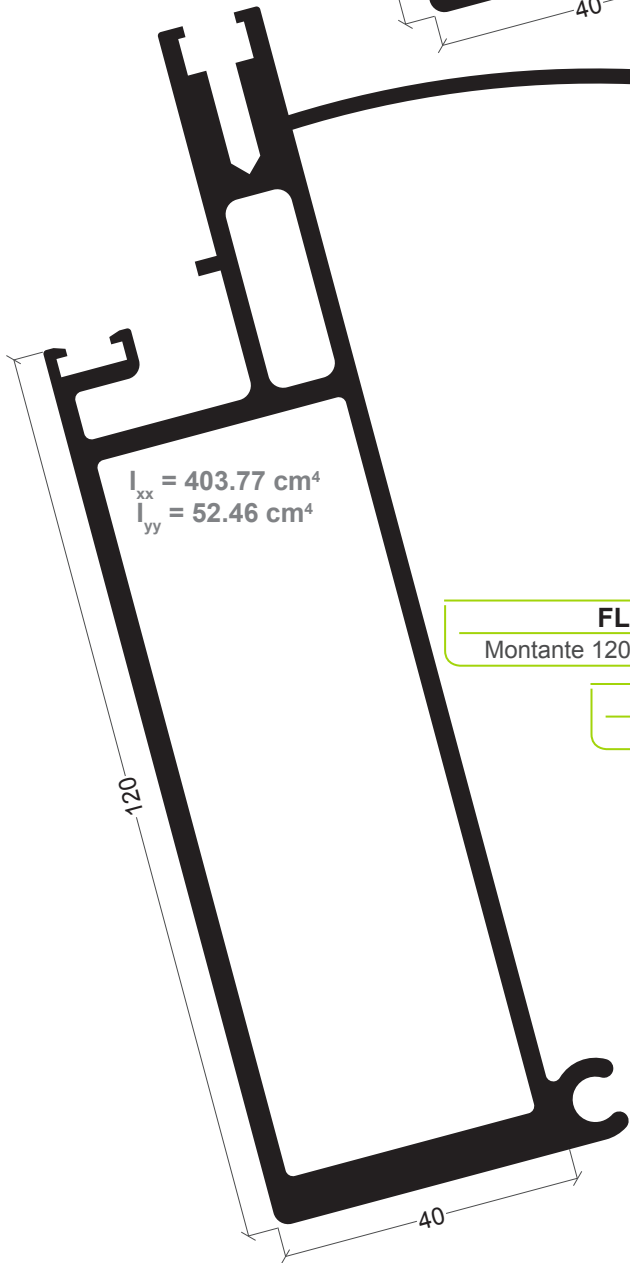
FL-04

Montante 60 mm regulável



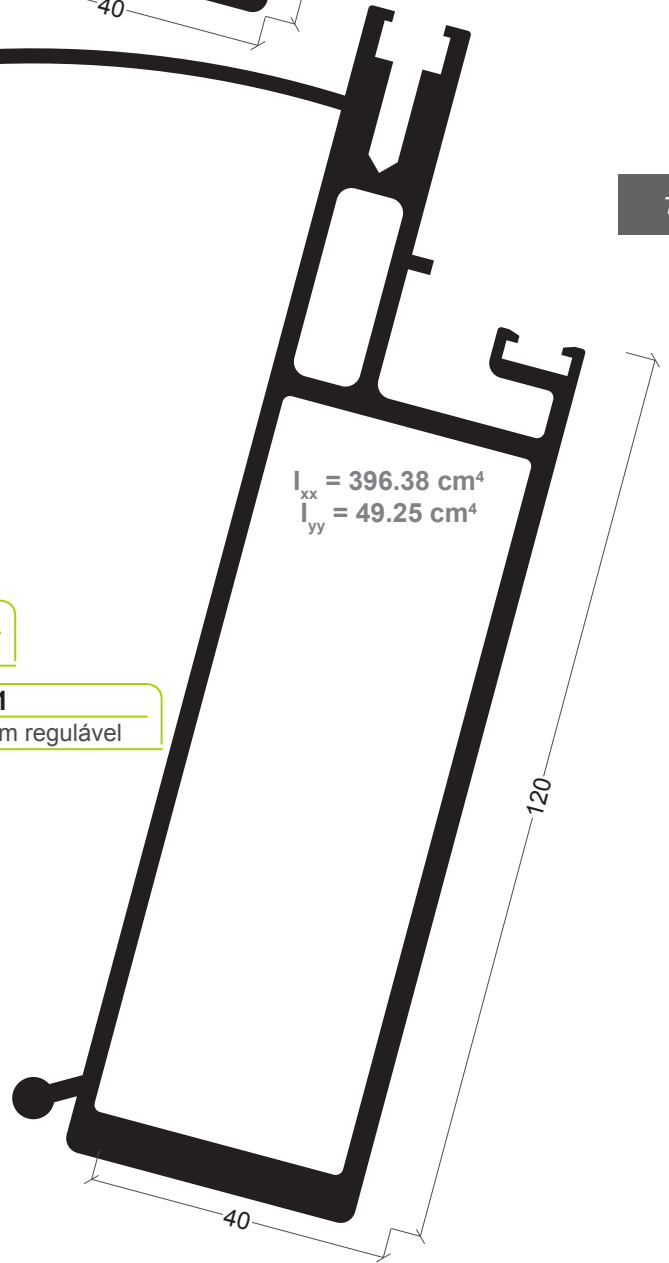
FL-30

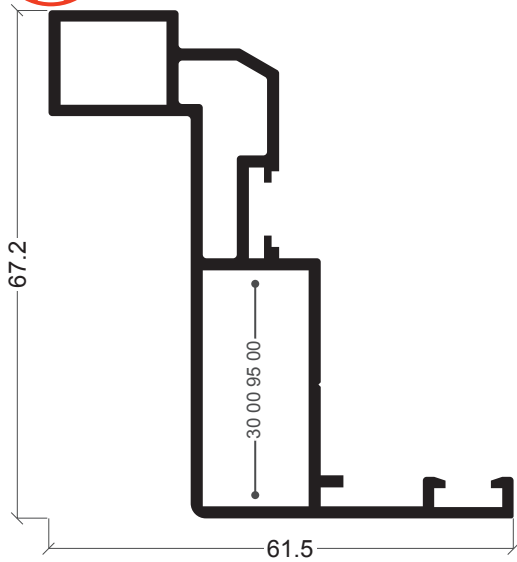
Montante 120 mm regulável



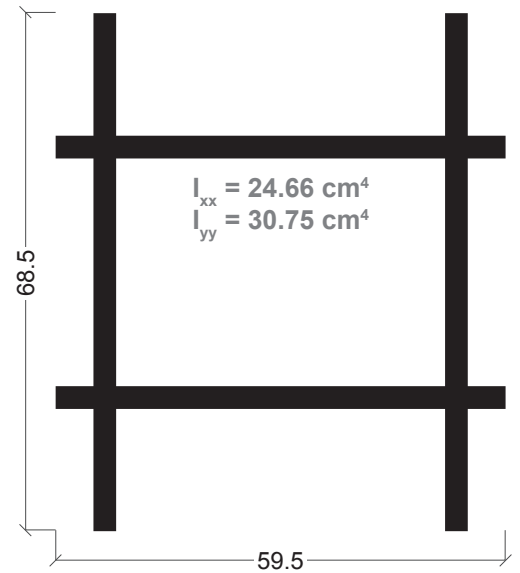
FL-31

Montante 120 mm regulável

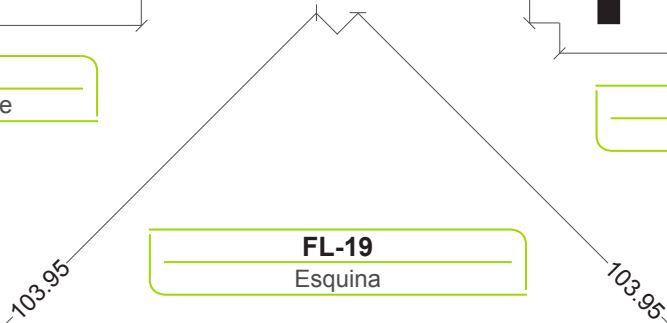




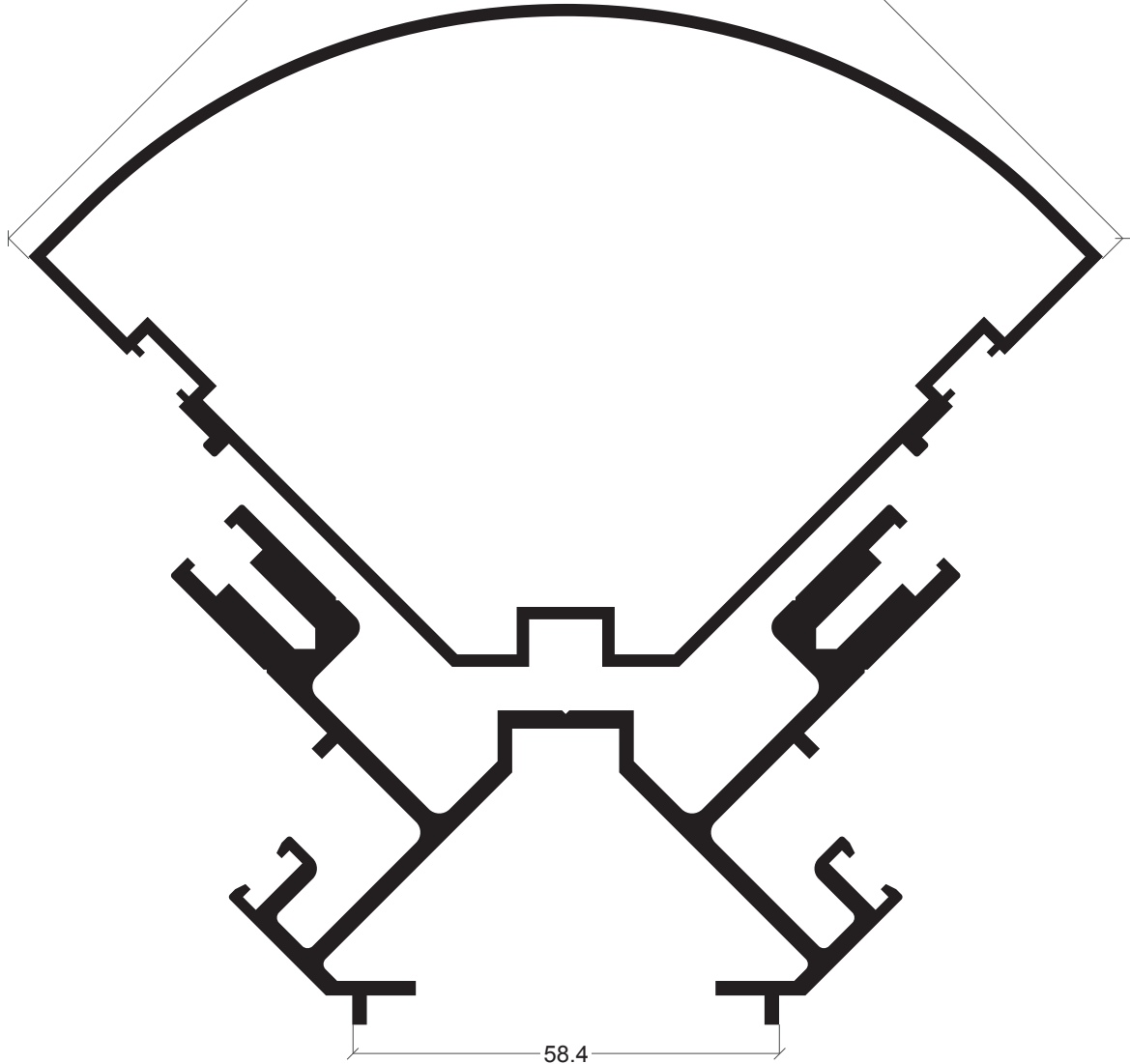
FL-25
Aro fixo projectante



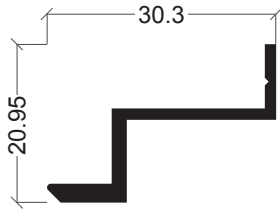
FL-38
União de montantes



FL-19
Esquina

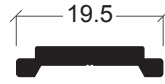


FL-18
Fixador de esquina



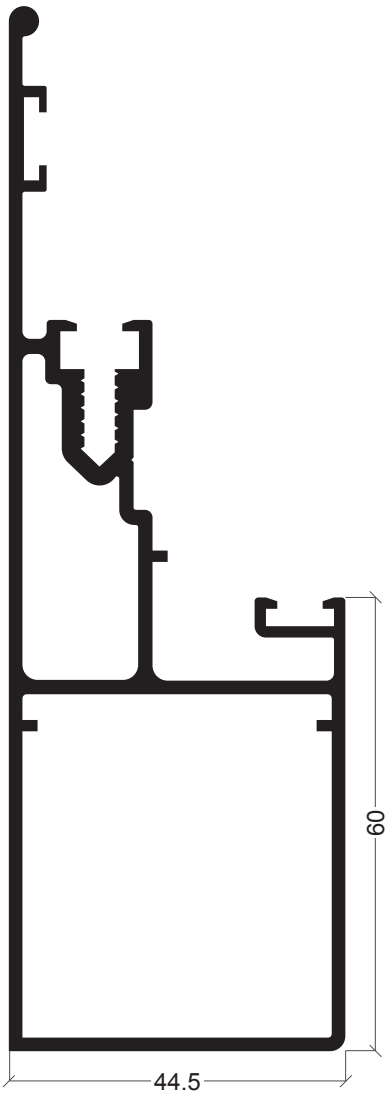
FL-39

Perfil de segurança



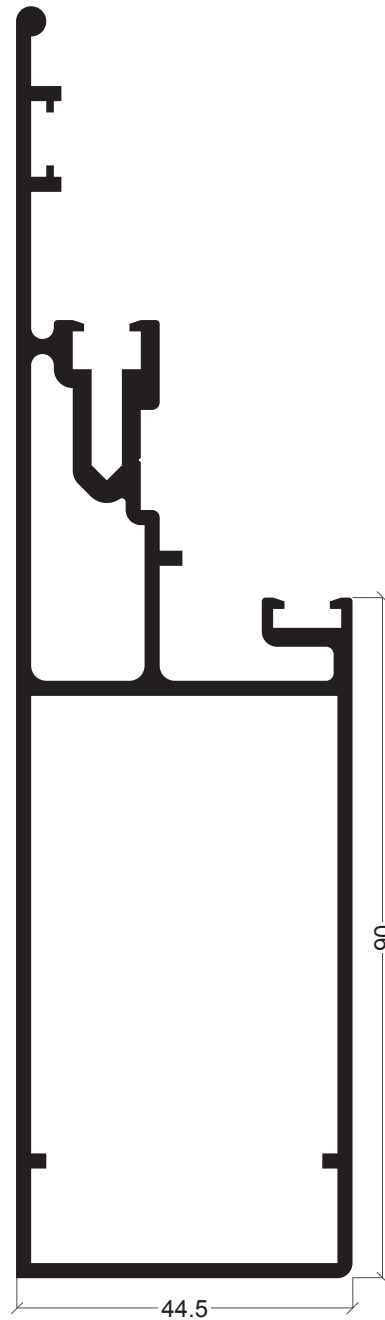
AX-19

Vareta



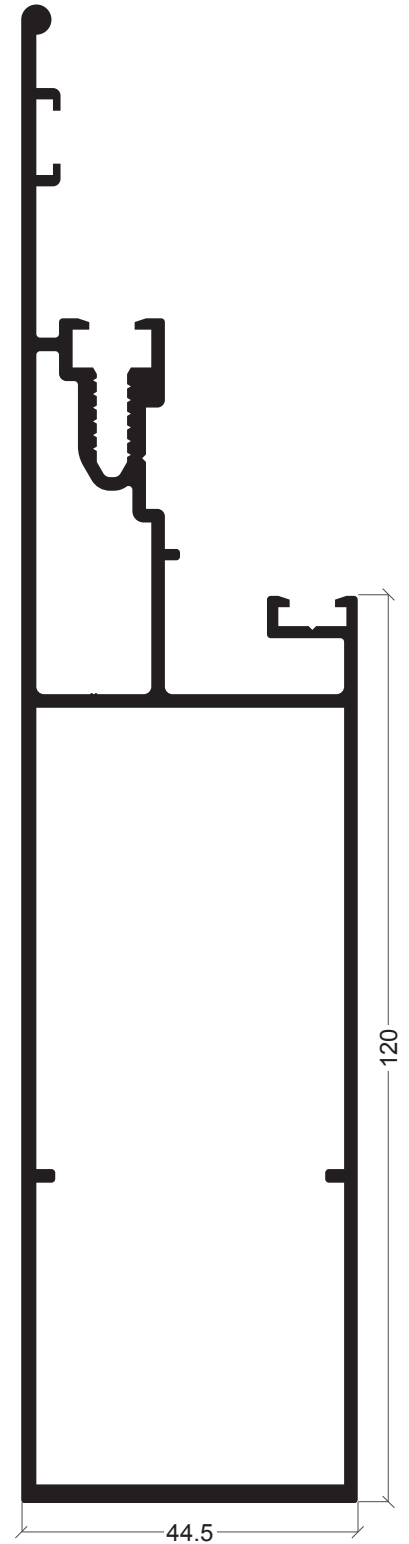
FL-17

Montante remate 60 mm



FL-77

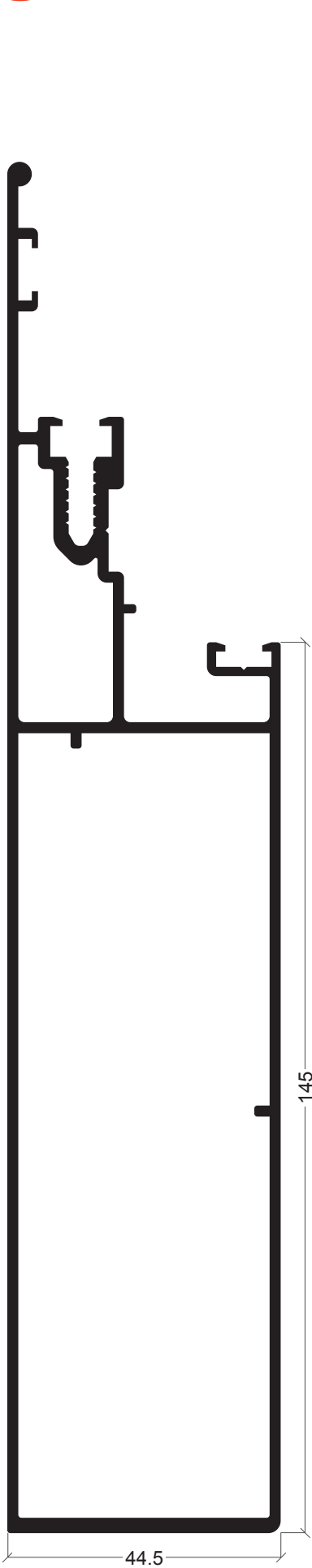
Montante remate 90 mm



FL-16

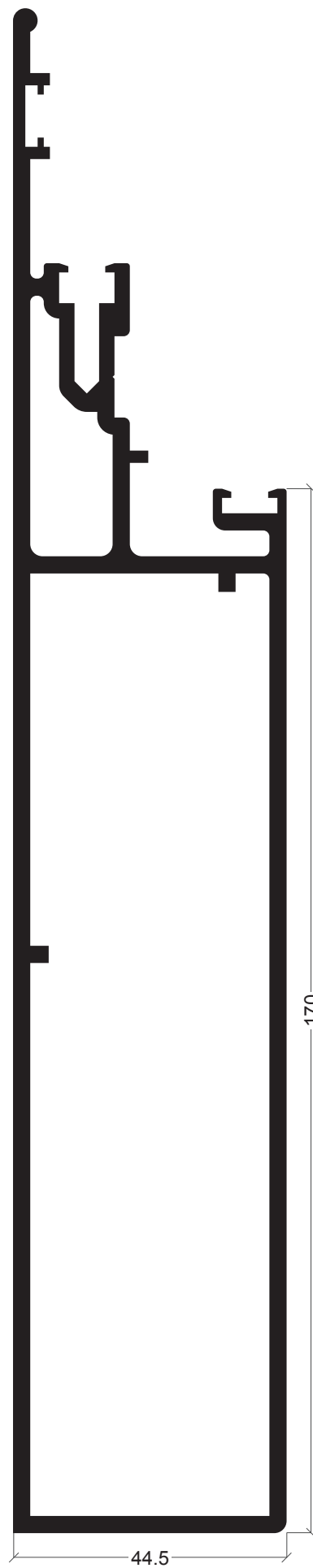
Montante remate 120 mm

10



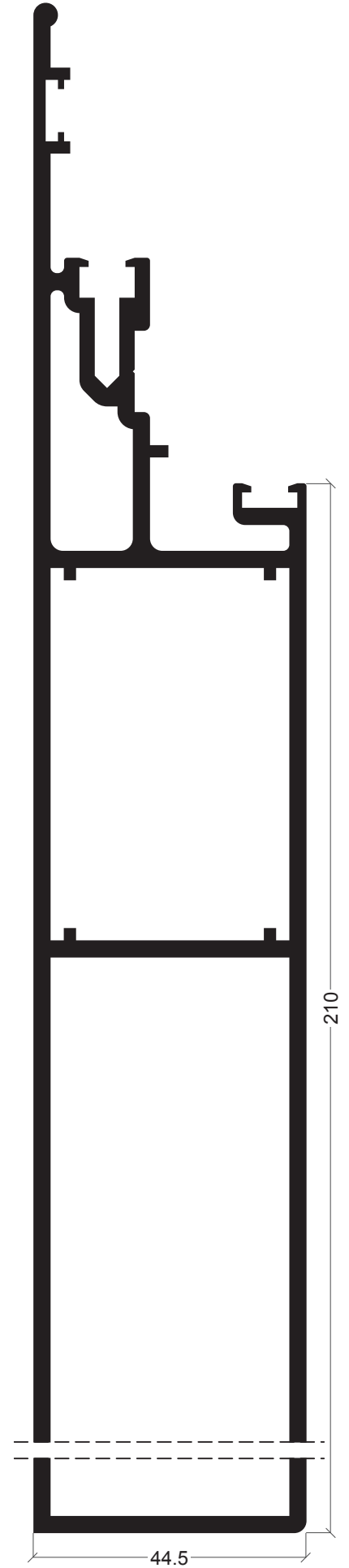
FL-15

Montante remate 140 mm



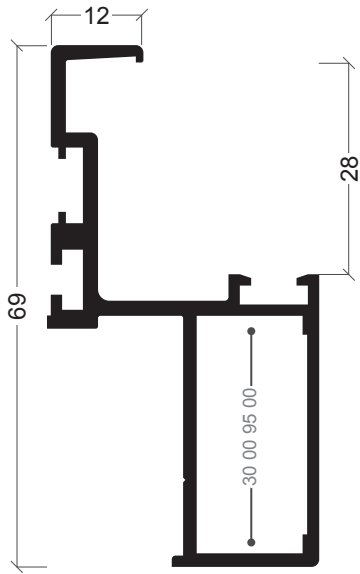
FL-79

Montante remate 170 mm

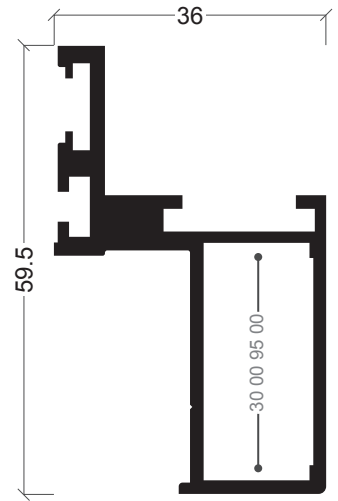


FL-78

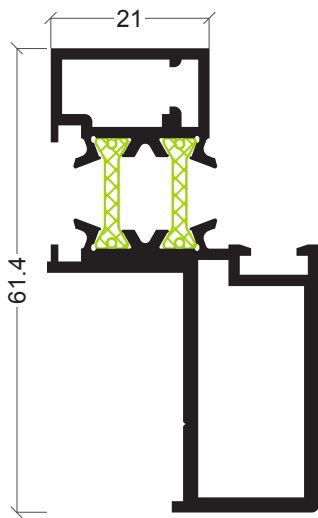
Montante remate 210 mm



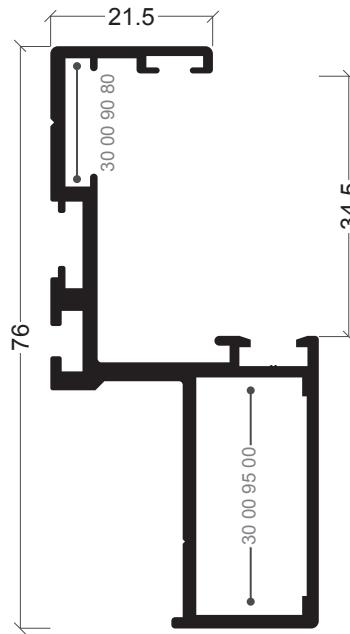
FL-03
Folha semi-estrutural



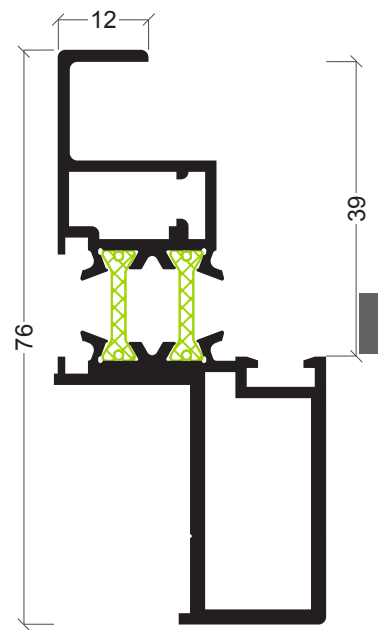
FL-06
Folha estrutural



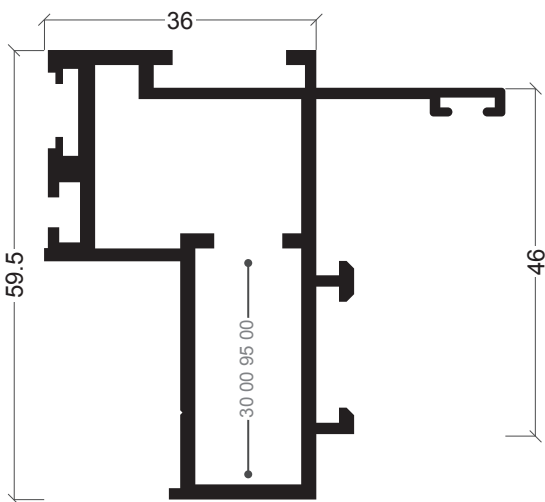
FL-27
Folha estrutural



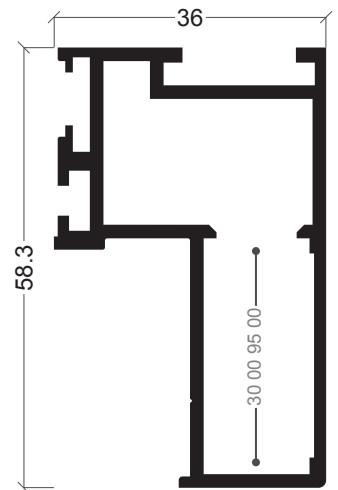
FL-85
Folha semi-estrutural



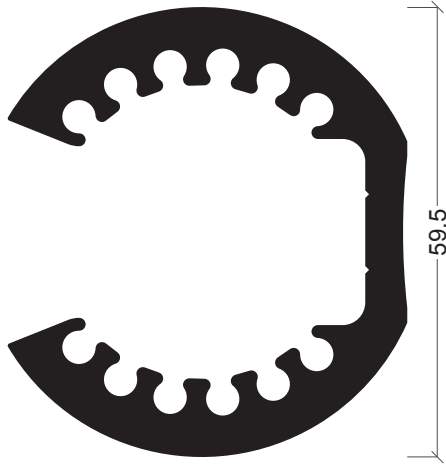
FL-28
Folha semi-estrutural



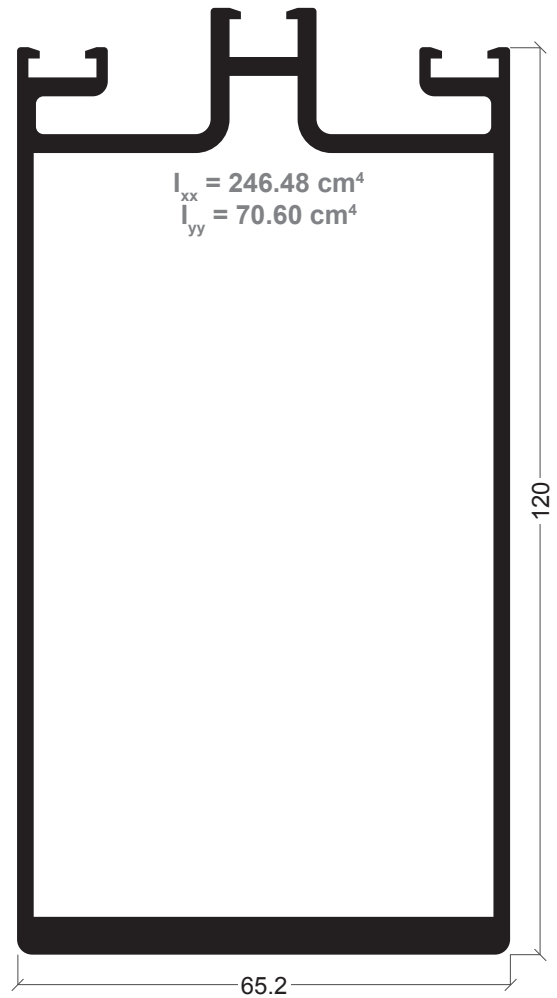
FL-26
Folha estrutural



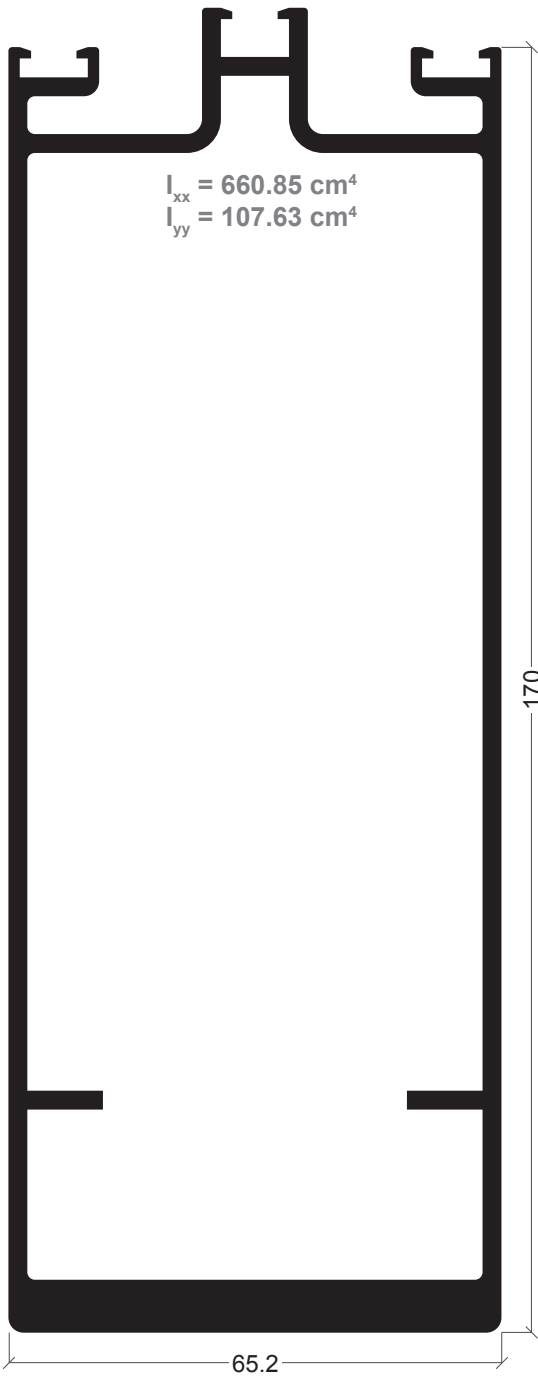
FL-71
Folha estrutural



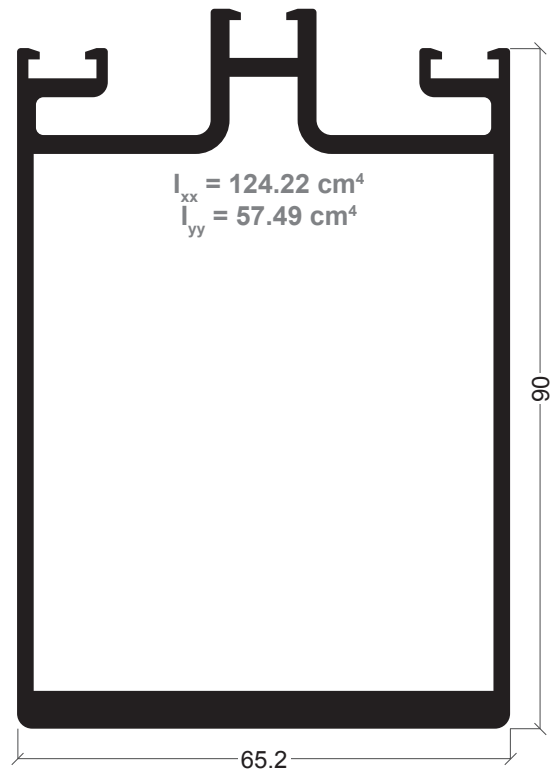
FL-69
Topo de fixação



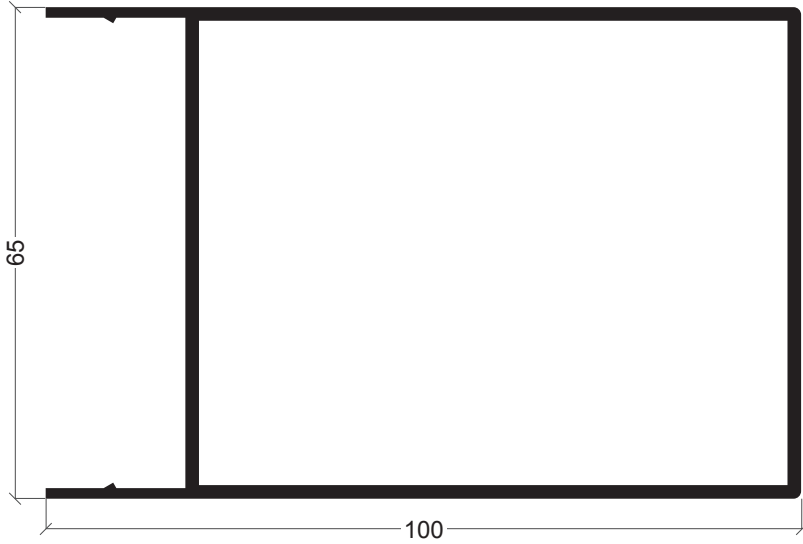
FL-74
Montante 120 mm



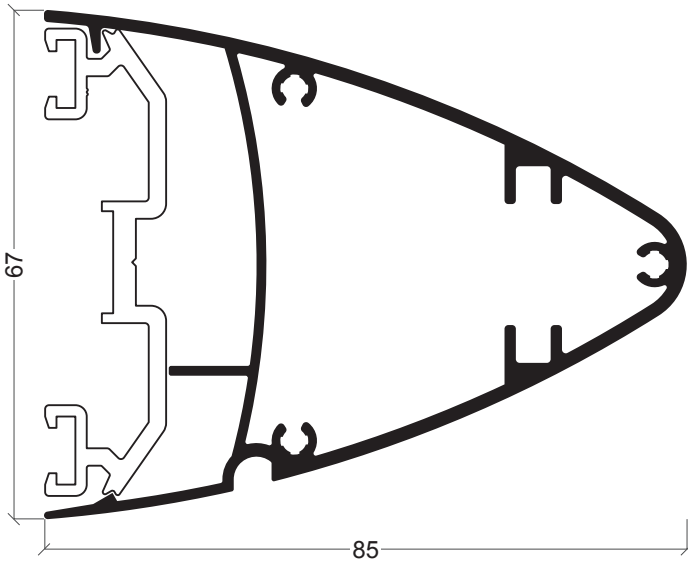
FL-75
Montante 170 mm



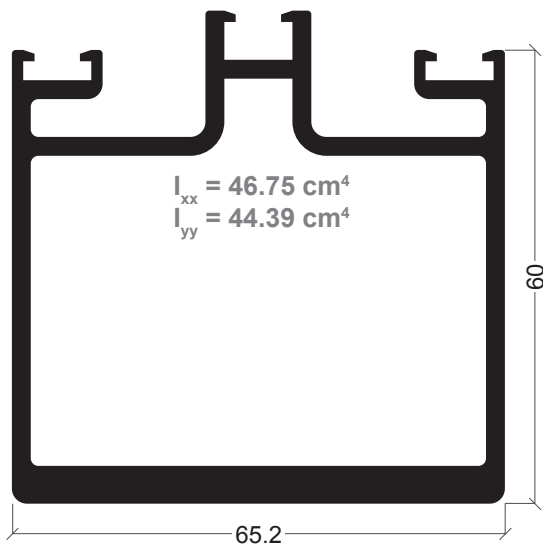
FL-81
Montante 90 mm



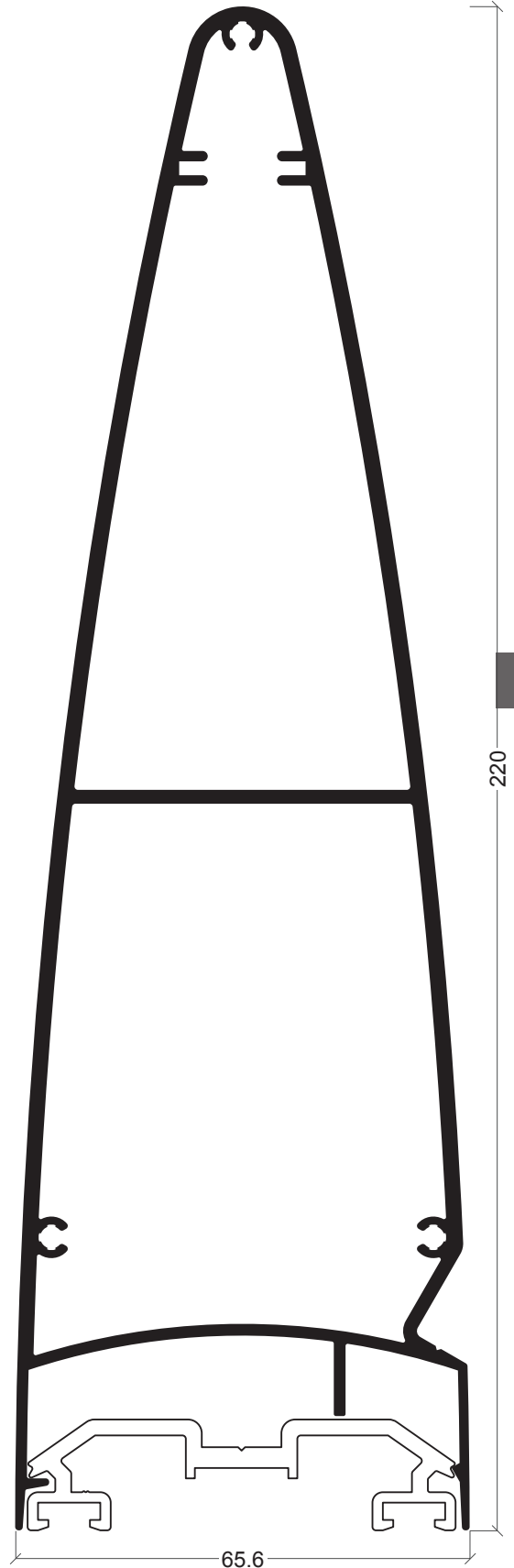
FL-29
Tampa vertical



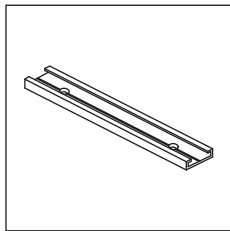
FL-72
Tampa elíptica 85



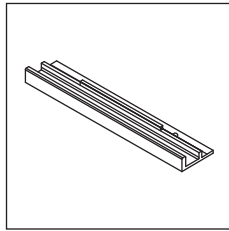
FL-73
Montante 60 mm



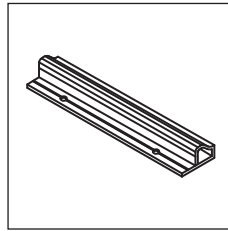
FL-82
Tampa elíptica 220 mm


30 00 90 61

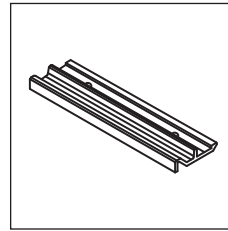
Guia fixação lateral


30 00 90 62

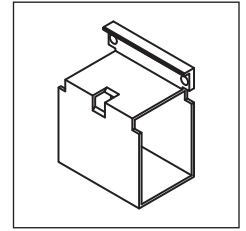
Fixação lateral montante

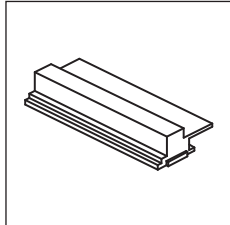

30 00 90 63

Fixação inferior

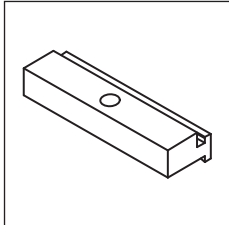

30 00 90 64

Fixação inferior travessa

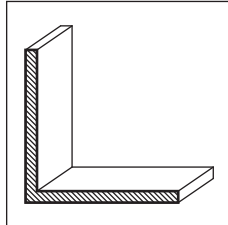

30 00 90 66

 Topo travessas /
montante travessa

30 00 90 67

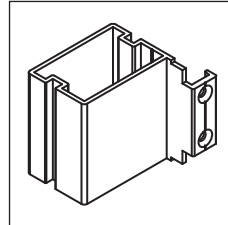
Fixação lateral folha

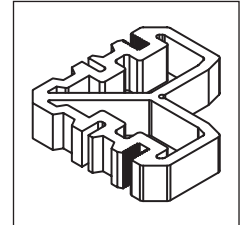

30 00 90 70

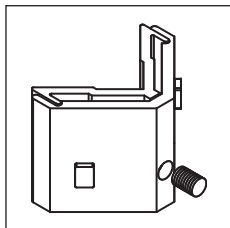
Fixação frontal


30 00 90 80

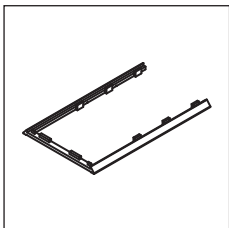
Canto de reforço


30 00 94 98

 União fachada montante /
montante com parafusos

30 00 94 99

 Esquadro de
canto 13.7 x 31.6 mm

30 00 95 00

Esquadro móvel

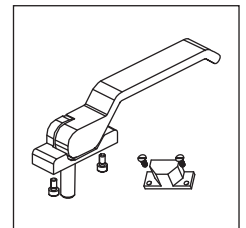

30 00 95 16

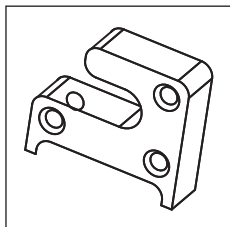
 Junta de estanquidade
união montantes

30 00 95 20

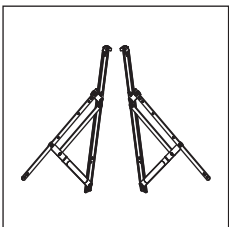
 Jogo compasso fachada
(120 kg)

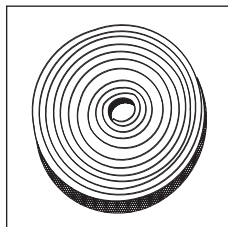
30 00 95 21

 Jogo compasso fachada
(180 kg)

30 00 95 31/41

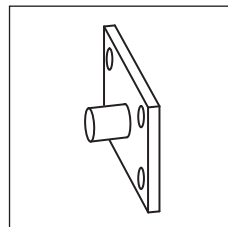
 Kit cremone direito/
esquerdo preto

30 00 95 70

Peça fixação da folha

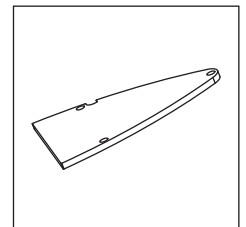

30 00 95 71

 Jogo compasso fachada
(60 kg)

30 00 95 72

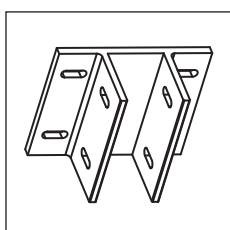
Junta isolante


30 20 90 01

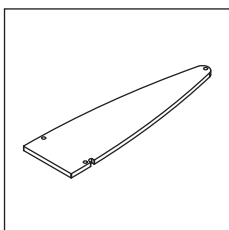
Fixação lateral folha


30 23 90 97

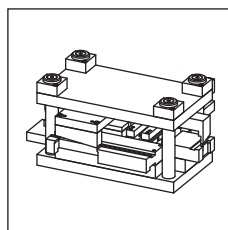
Tampa elíptica 85 mm


31 00 90 65















Fixador montante


33 00 95 73

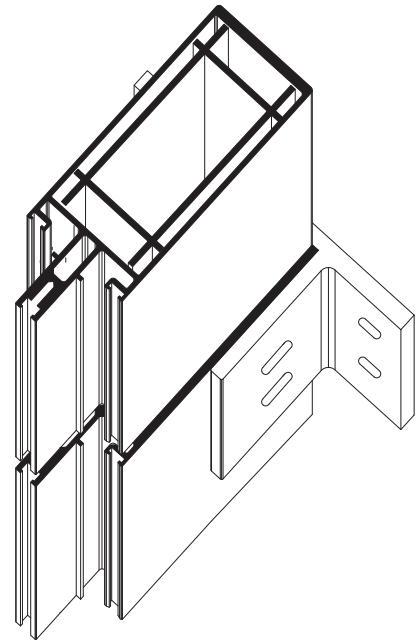
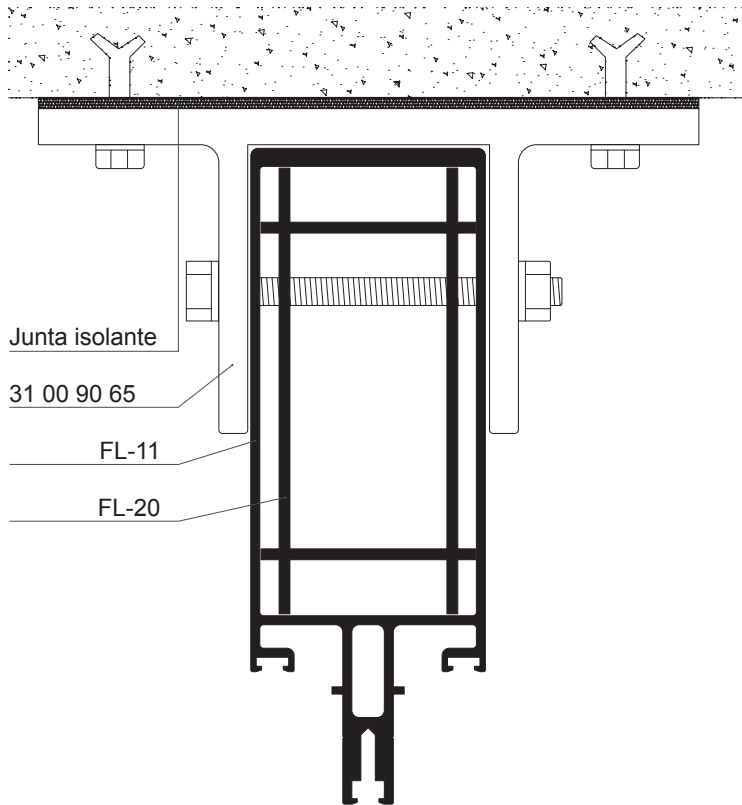
Tampa elíptica 220 mm


33 97 79 99

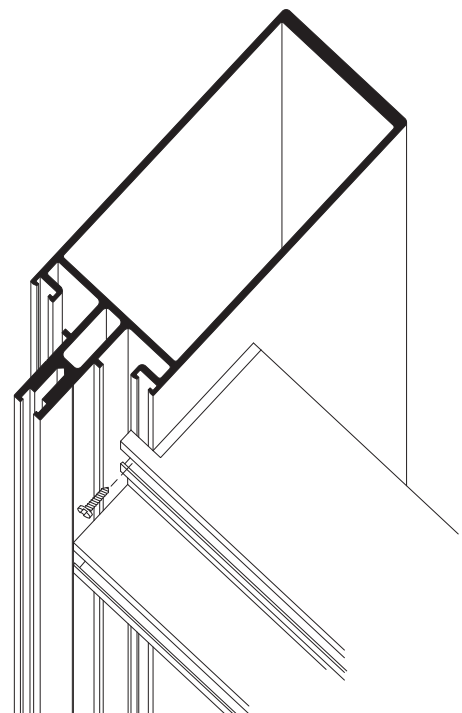
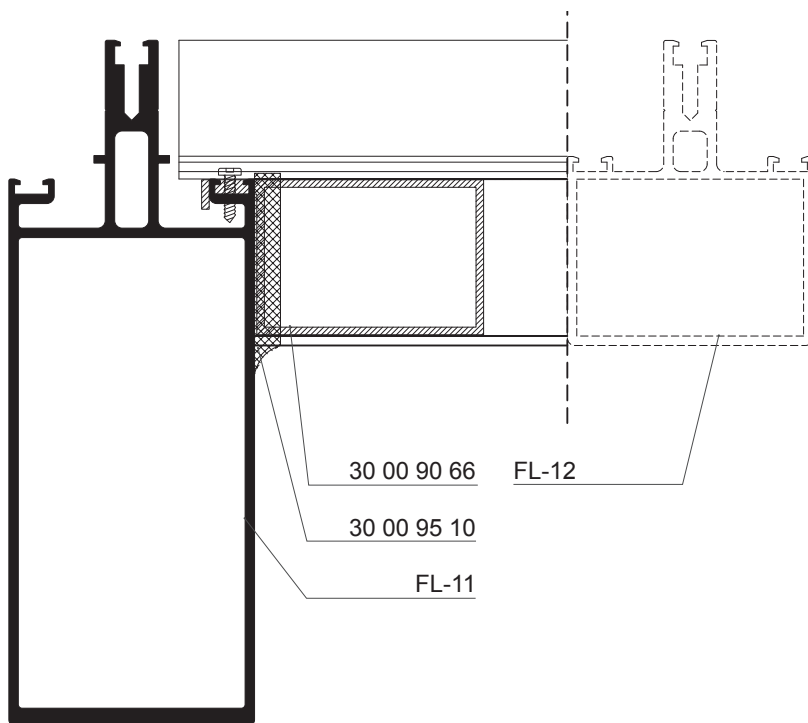
Cunho FL

Referência	Desenho	Descrição
30 00 95 01		Junta interior montante Junta central montante e travessa (muro invertido)
30 00 95 02		Junta interior montante (fxação lateral folhas fixas)
30 00 95 03		Junta central (montante e travessa) Fachada estrutural e semi-estrutural
30 00 95 05		Junta interior de travessa Junta de aro fixo (janela oculta em muro invertido)
30 00 95 06		Junta central montante e travessa
30 00 95 07		Junta central montante e travessa
30 00 95 08		Junta central montante e travessa (segundo vidro)
30 00 95 09		Junta de estanquidade montante FL-11
30 00 95 10		Junta de estanquidade travessa FL-12
30 00 95 13		Junta folha de rotura térmica
30 00 95 76		Junta central montante e travessa
30 20 26 03		Junta exterior Junta interior Junta de vedação
30 90 20 80		Junta exterior para Sistema Ergolux
30 99 95 11		Junta de folha encaixe exterior Junta montante de remate Junta de folha e aro (janela oculta em muro invertido)

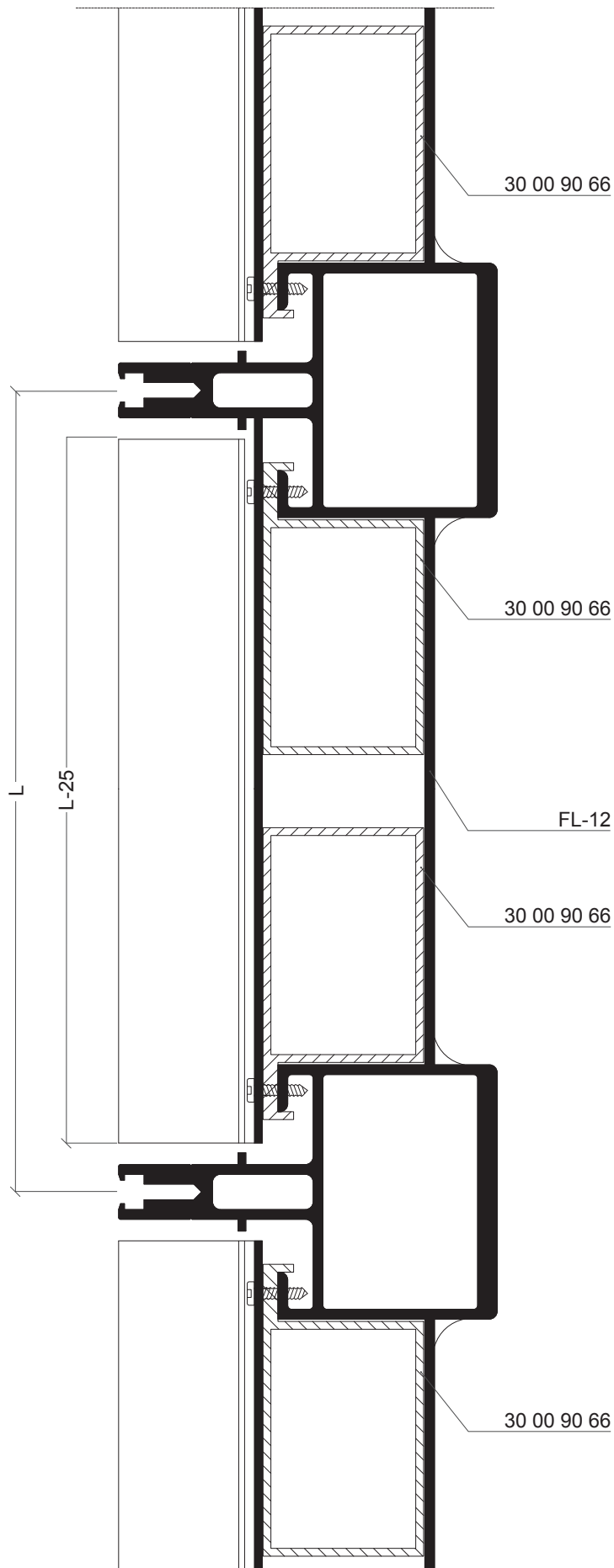
Pormenor de fixação do montante



União montante travessa

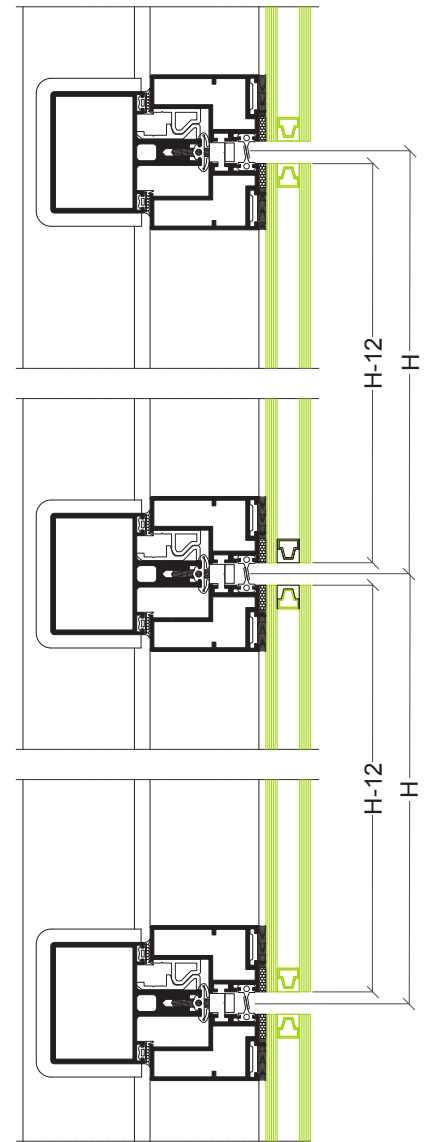
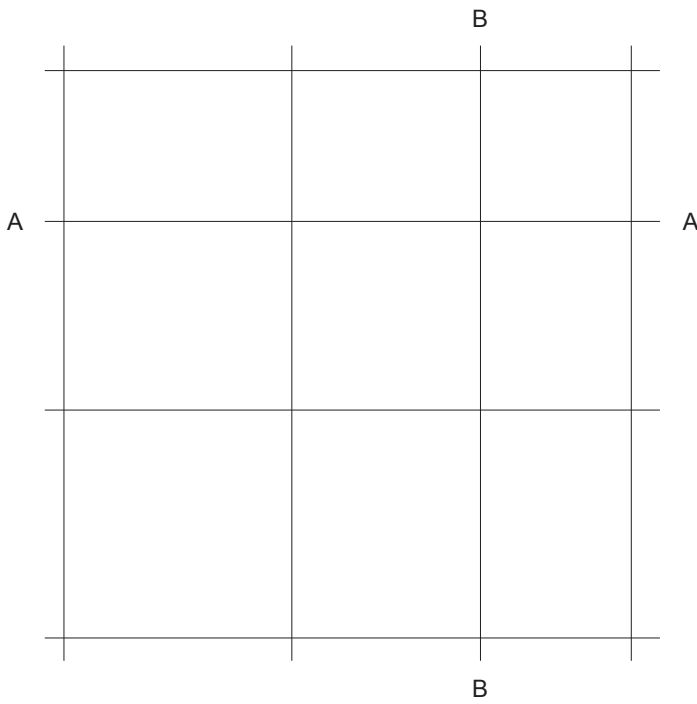


Folha de corte da travessa

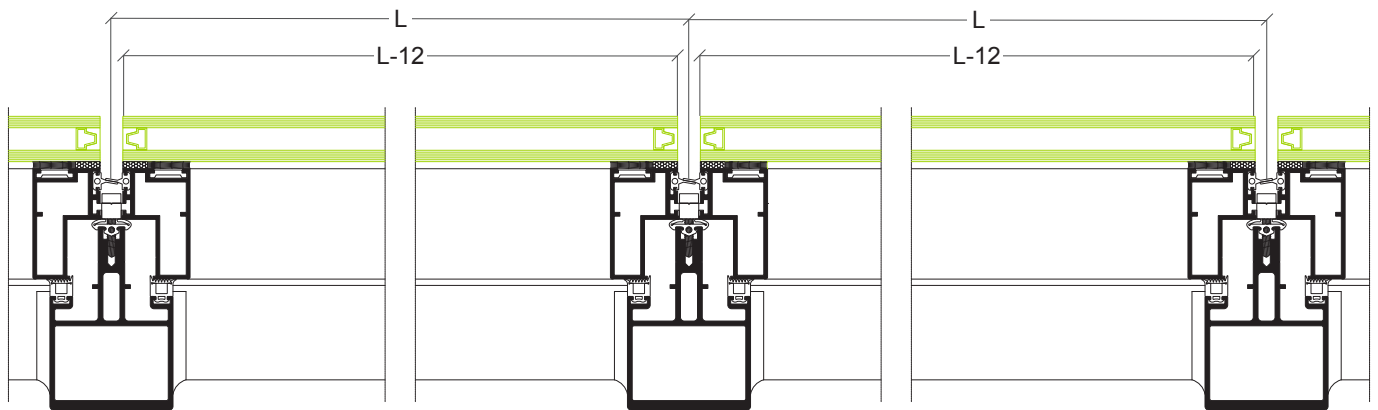


Medidas de corte fachada estrutural e semi-estrutural

Pormenor horizontal e vertical sistema de fixação frontal

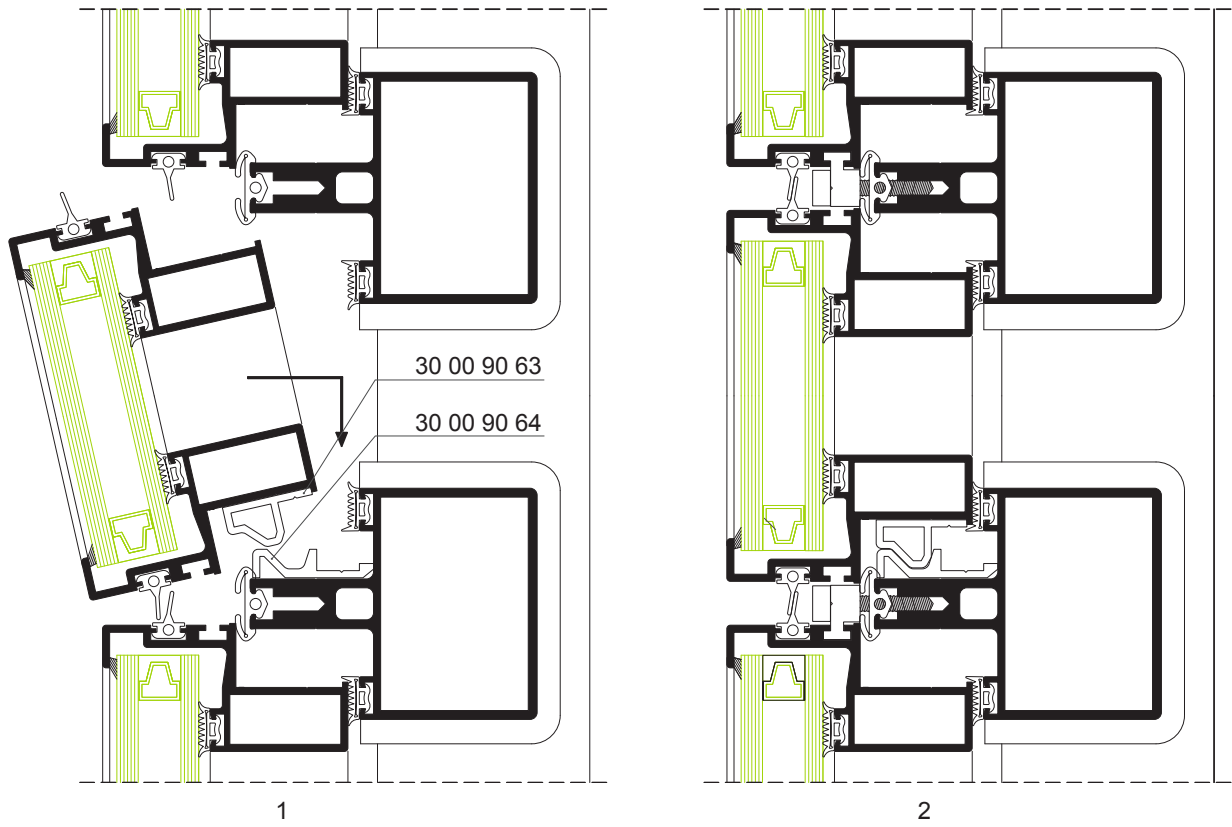


Seção A-A

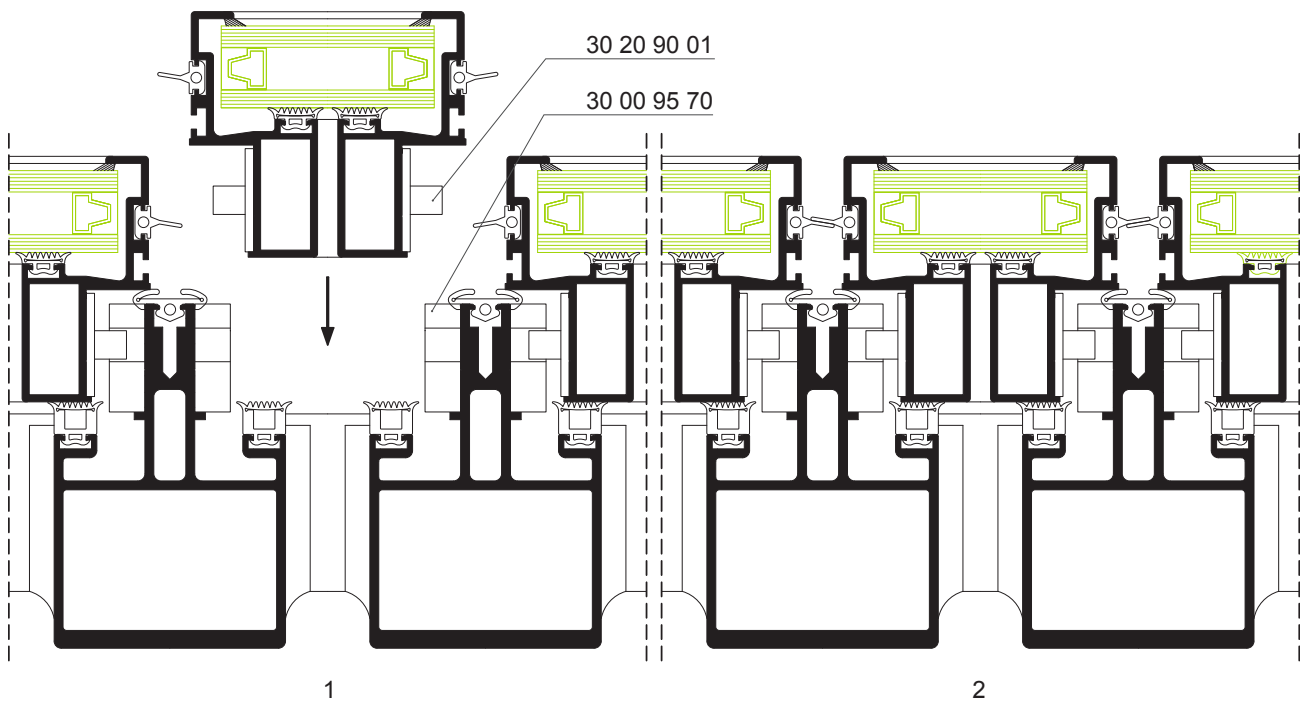


Seção B-B

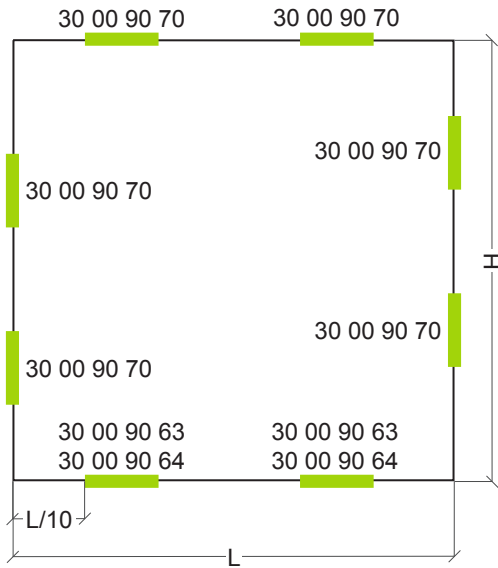
Montagem da folha fixa



Montagem da folha fixa

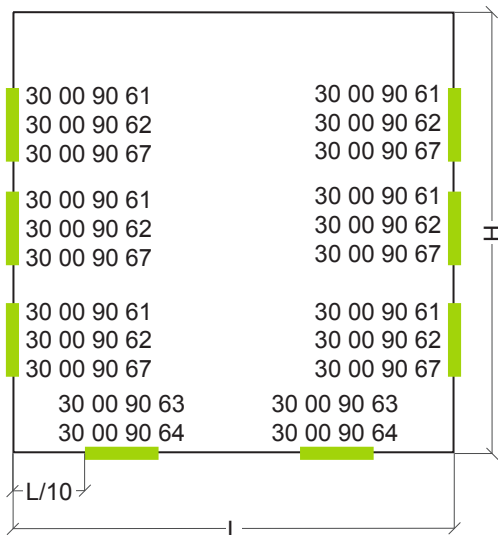


Fachada estrutural e semi-estrutural Sistema de fixação de folhas fixas



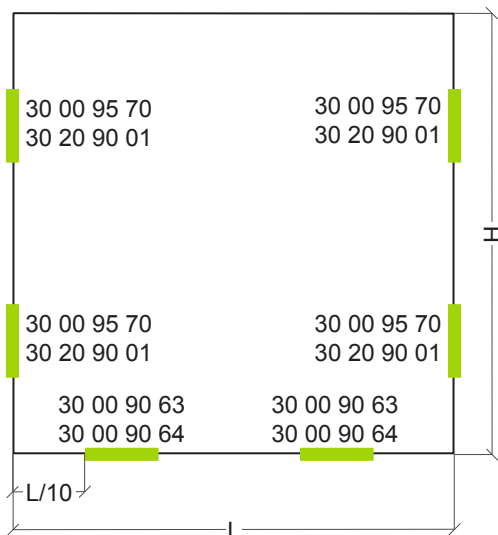
Folha fixa Sistema de fixação frontal

Peça de fixação	L	H	Nº de peças	
			L	H
30 00 90 70	até 1000 mm	até 1000 mm	2	2
	cada 500 mm	cada 500 mm	1	1



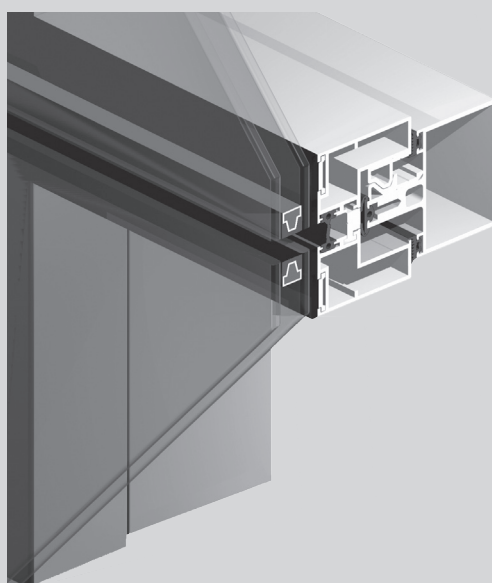
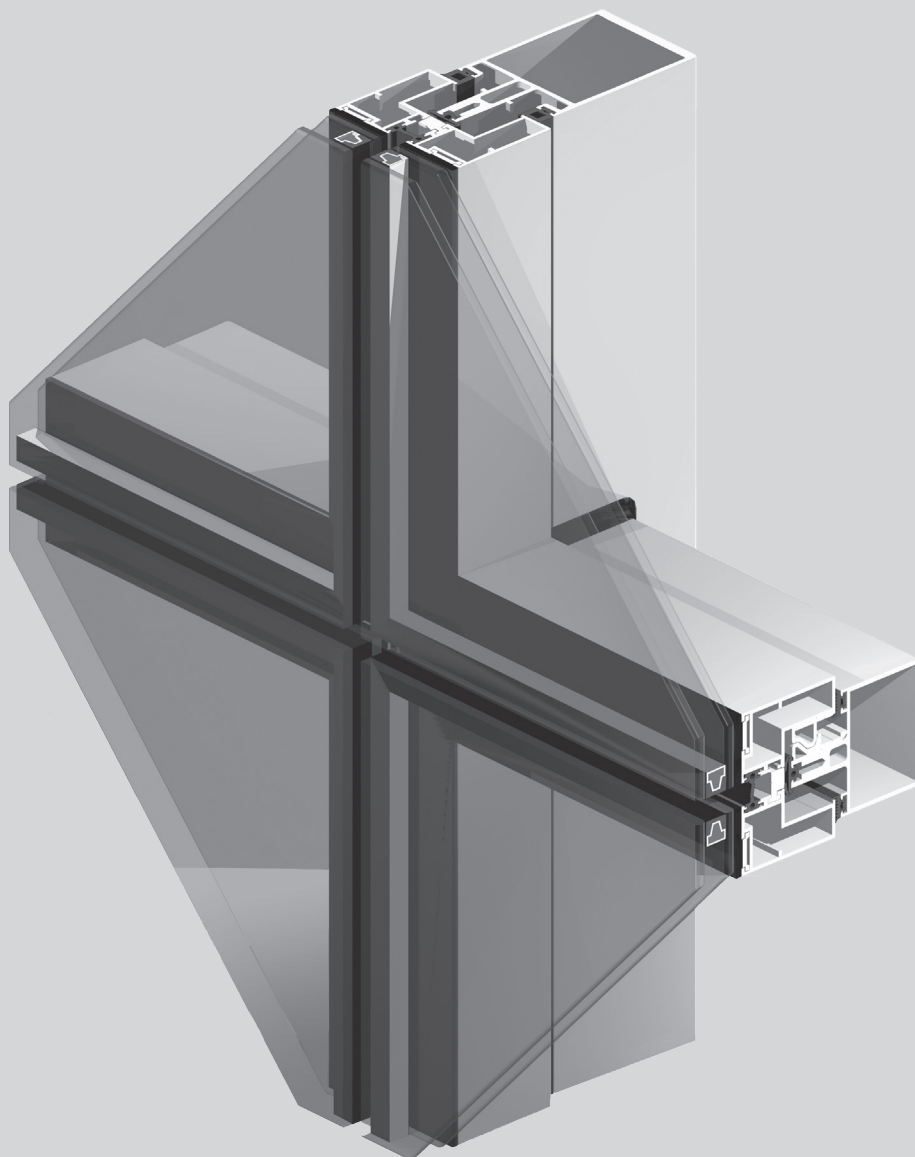
Folha fixa Sistema de fixação interior lateral

Peça de fixação	L	H	Nº de peças	
			L	H
30 00 90 61 30 00 90 62 30 00 90 67	até 1000 mm	até 1000 mm	-	3
	cada 500 mm	cada 500 mm	-	1
30 00 90 63 30 00 90 64	até 1000 mm	até 1000 mm	2	-
	cada 500 mm	cada 500 mm	1	-



Folha fixa Sistema de fixação exterior lateral

Peça de fixação	L	H	Nº de peças	
			L	H
30 00 95 70 30 20 90 01	-	-	-	2
	-	-	-	-
30 00 90 63 30 00 90 64	até 1000 mm	até 1000 mm	2	-
	cada 500 mm	cada 500 mm	1	-



Fachada Estrutural

Fachada Estrutural

Características

Neste sistema a colocação de vidros realiza-se mediante bastidores nos quais se coloca um perfil especialmente anodizado para permitir a colagem da silicone estrutural. Deste modo, o vidro oculta totalmente os perfis, adquirindo este tipo de fachada, uma vista exterior só de vidro, proporcionando assim um efeito tipo VEC - Vidro Exterior Colado.

A secção dos montantes e travessas é de 65 mm, visível apenas do interior.

Ambos os perfis apresentam canais de drenagem e ventilação que garantem, juntamente com o sistema de juntas de EPDM, uma estanquidade e permeabilidade máximas. Opcionalmente, dispõe-se de um perfil especial de segurança que evita o esforço cortante do vidro. Possibilidade de perfis com rotura térmica.

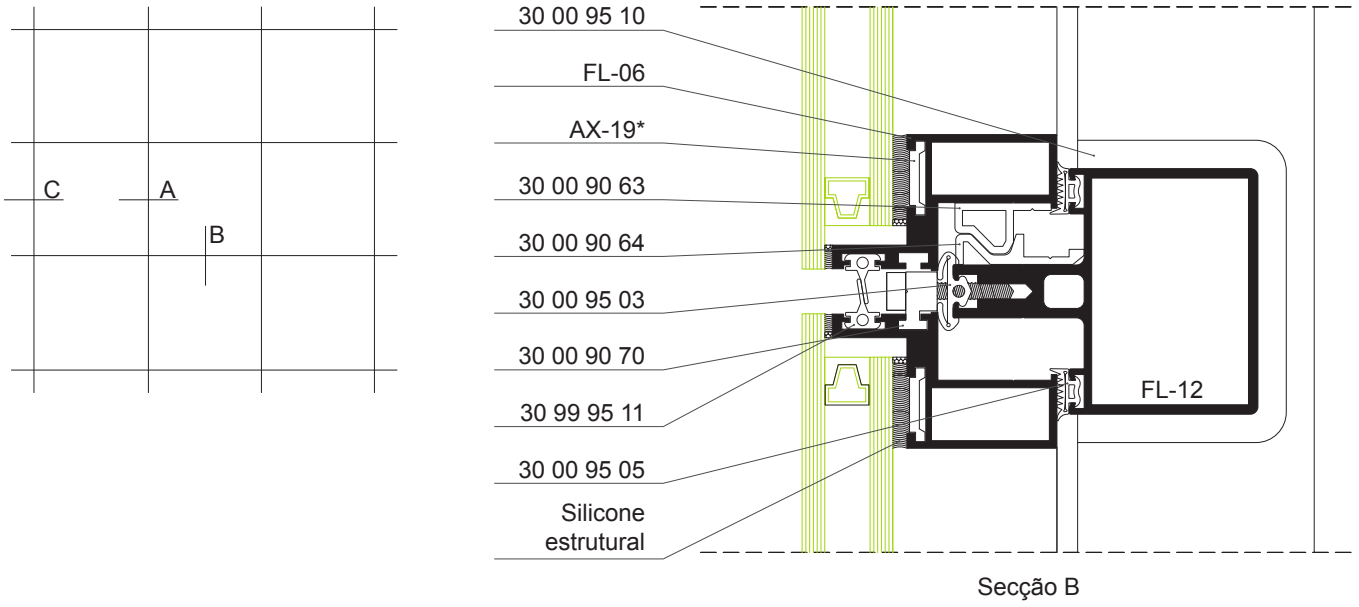
Acabamentos

A barra que recebe o vidro tem que possuir uma anodização especial do perfil perimetral ($>20 \mu\text{m}$), necessária para garantir uma perfeita colagem do vidro com silicone estrutural. A restante perfilaria permite todas as possibilidades de acabamento: lacado, lacado decorativo (madeira) ou anodizado.

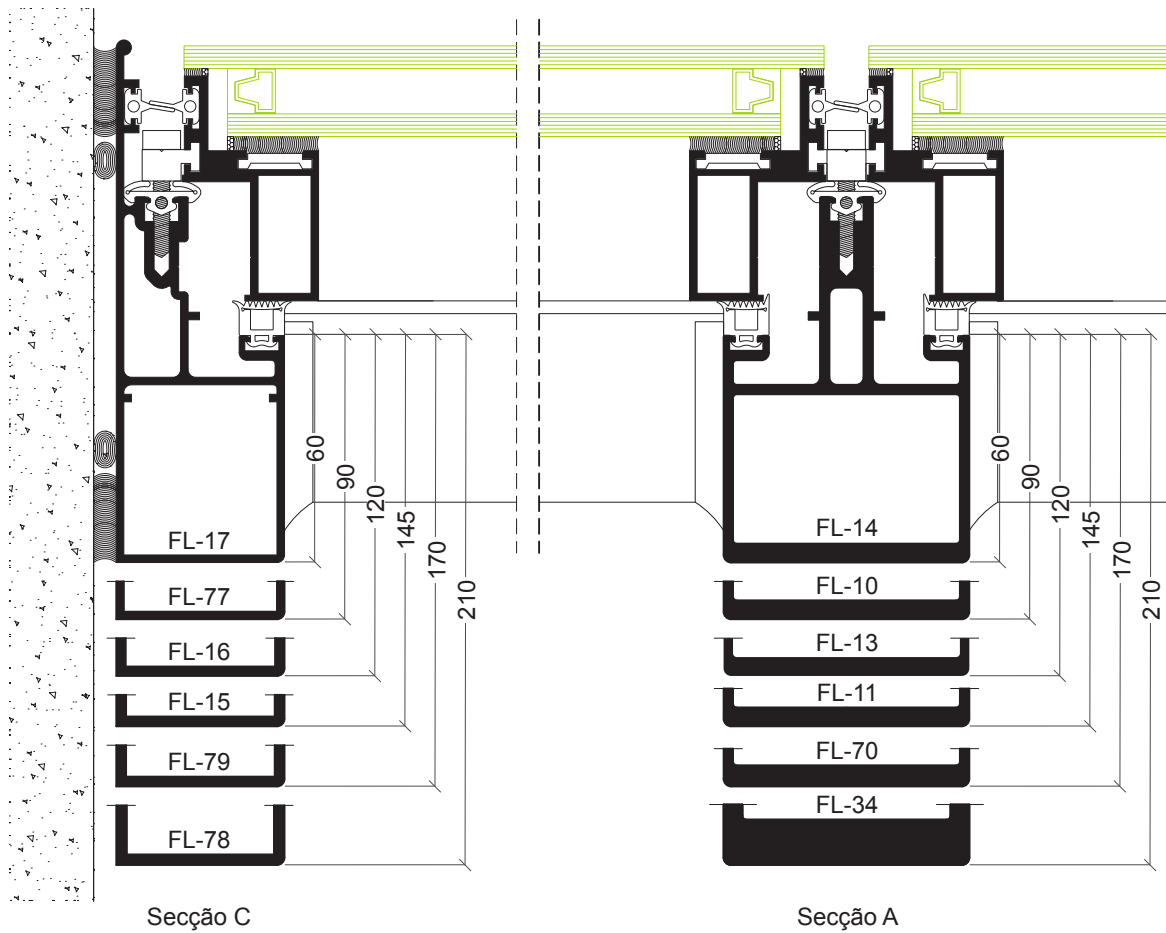
Possibilidades de abertura

Abertura projectante realizada por intermédio de compassos em aço inox com uma resistência até 180 kg, Tanto as folhas fixas como as projectantes são fabricadas com o mesmo perfil perimetral, tornando assim imperceptível a sua distinção pelo exterior.

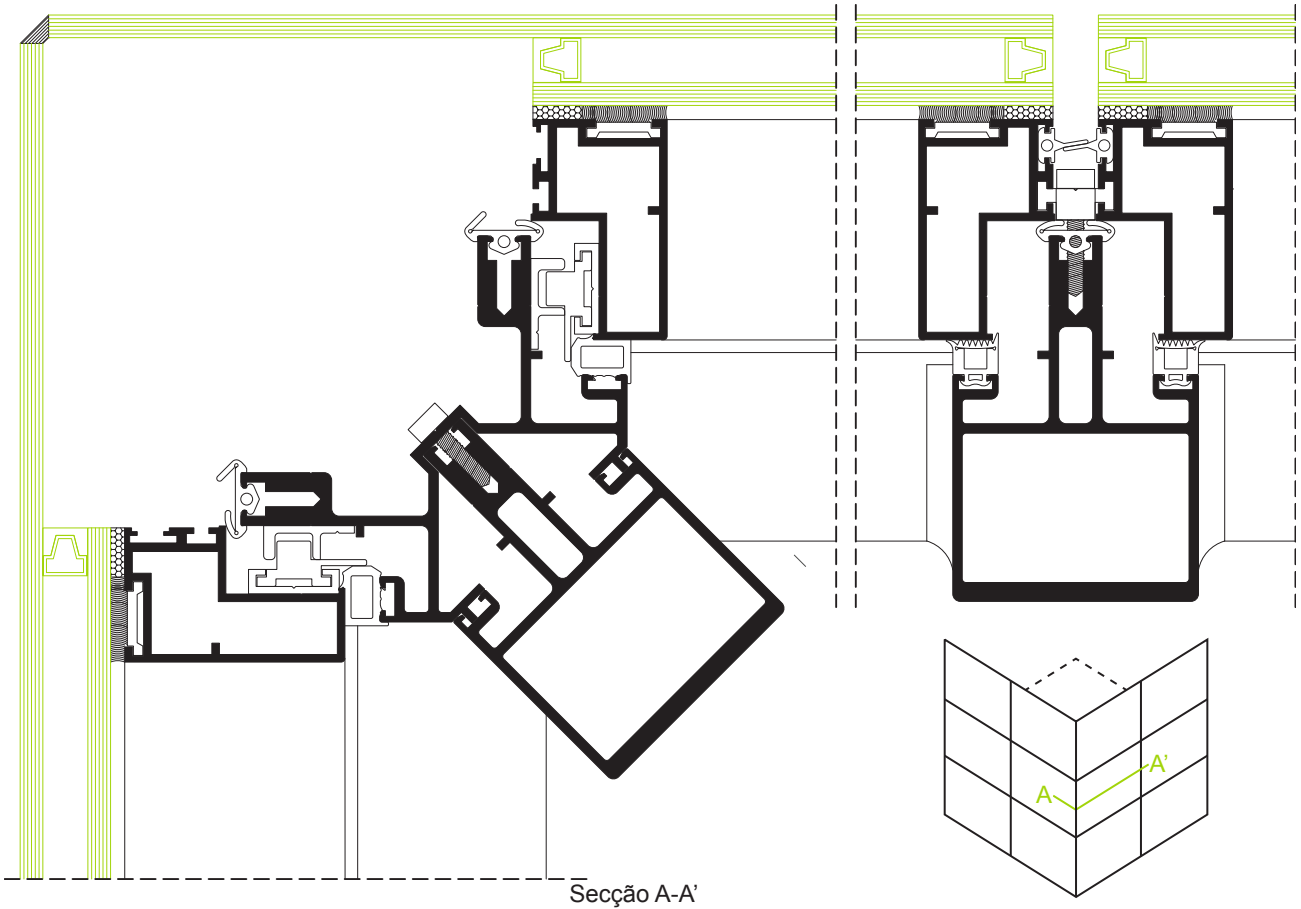
Pormenor horizontal e vertical



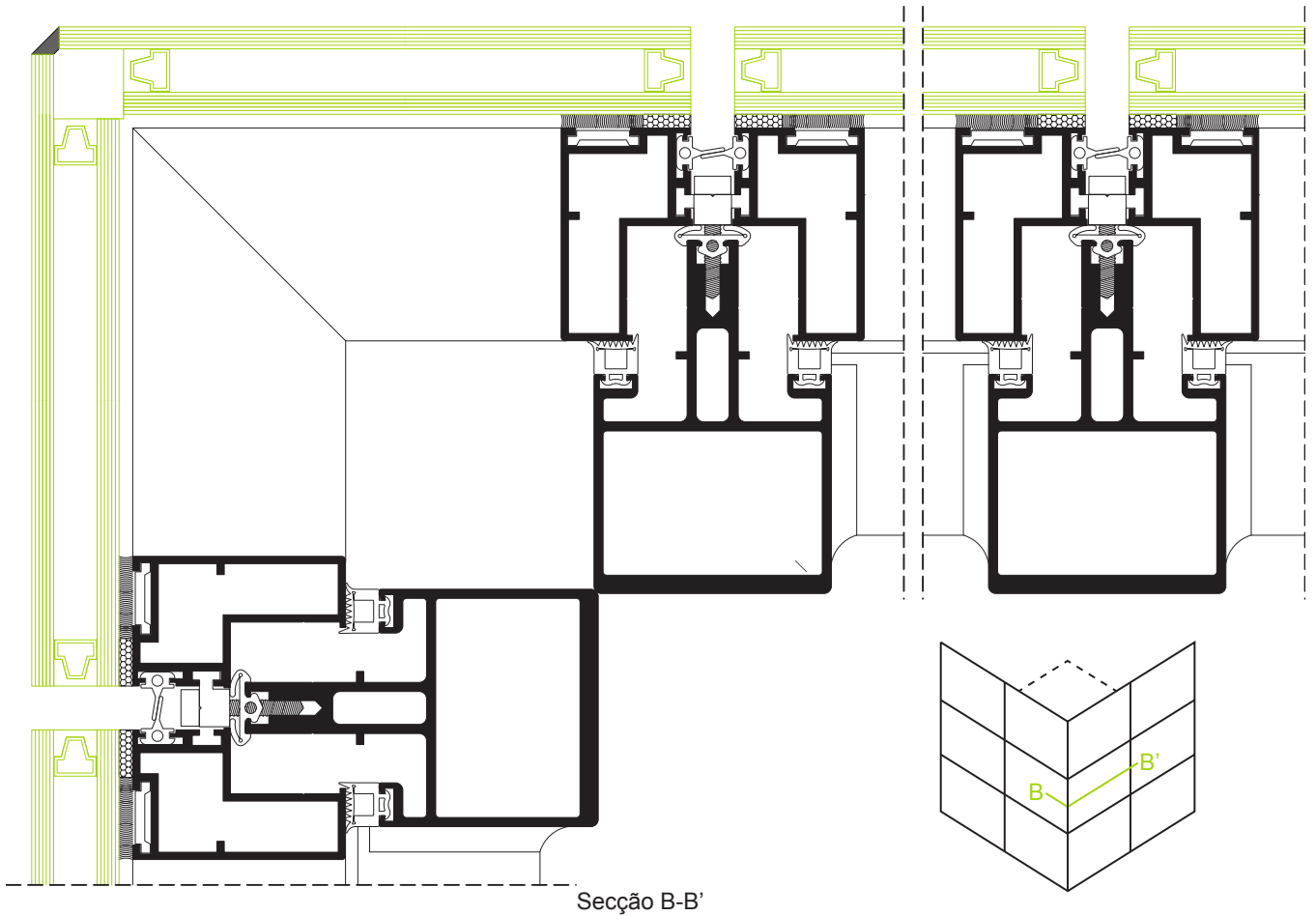
* Perfil anodizado com classe 20, colagem especial com silicone estrutural



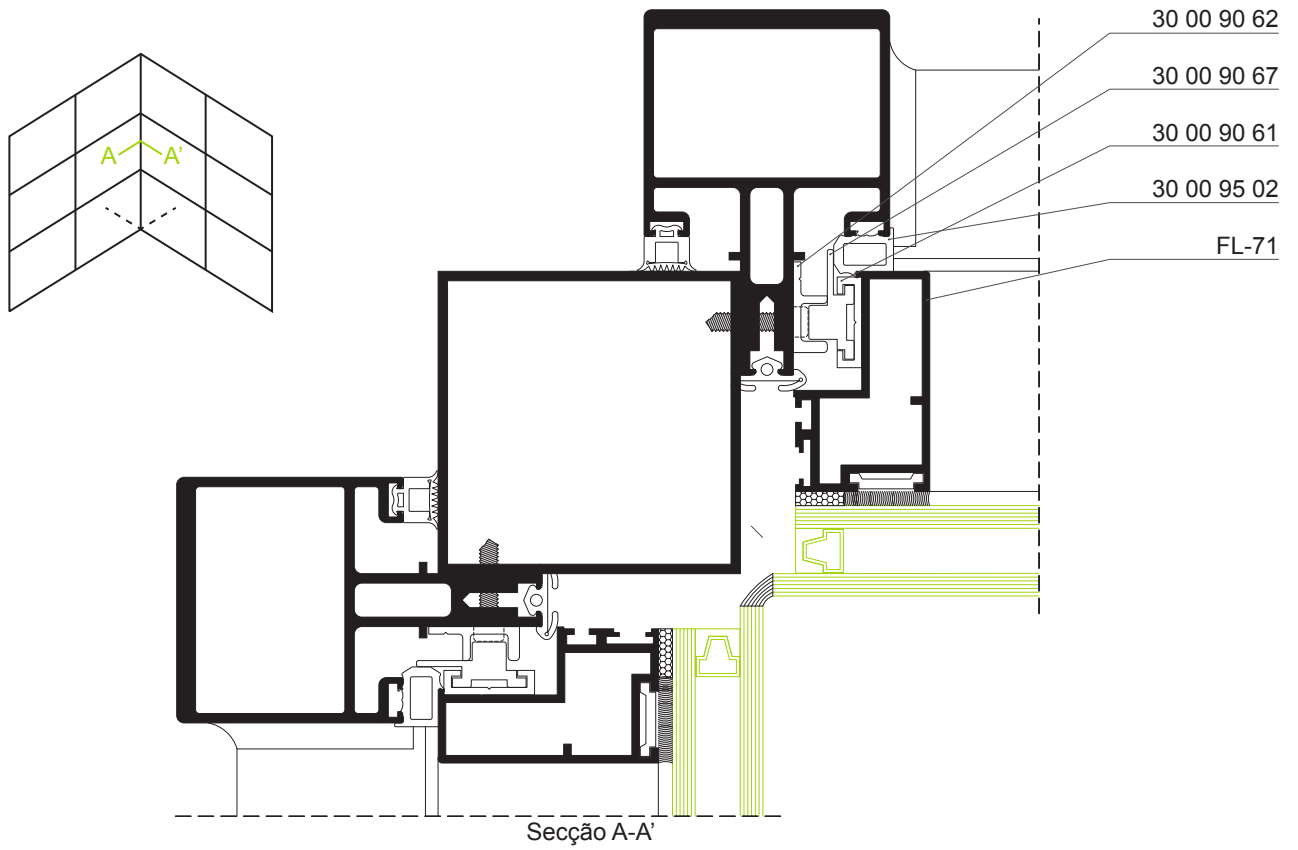
Pormenor canto 90°



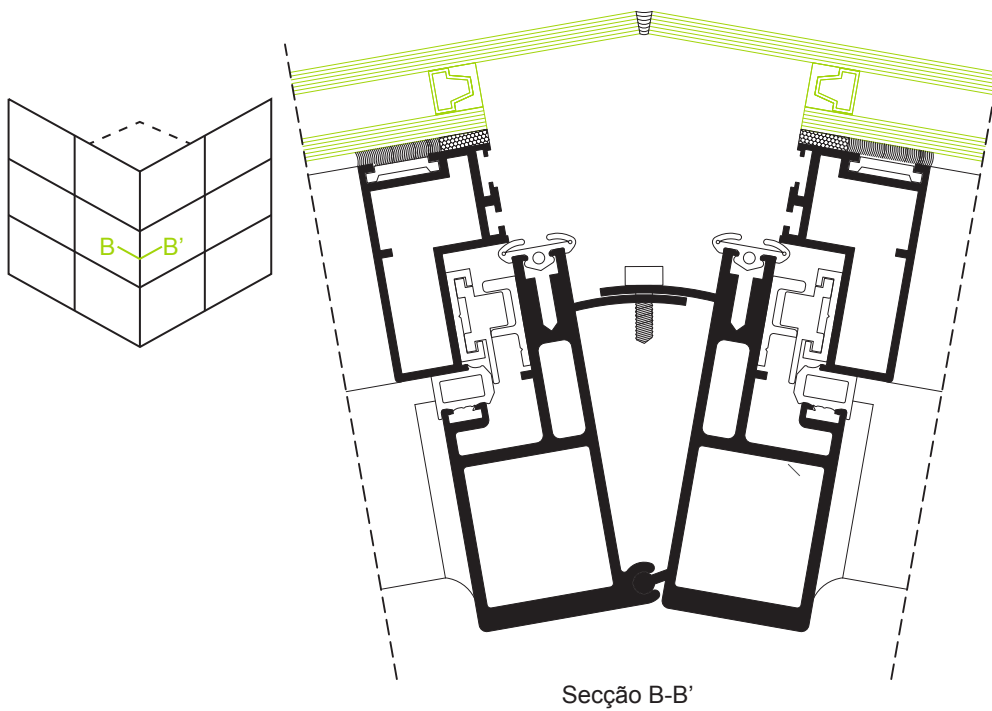
Pormenor canto 90°



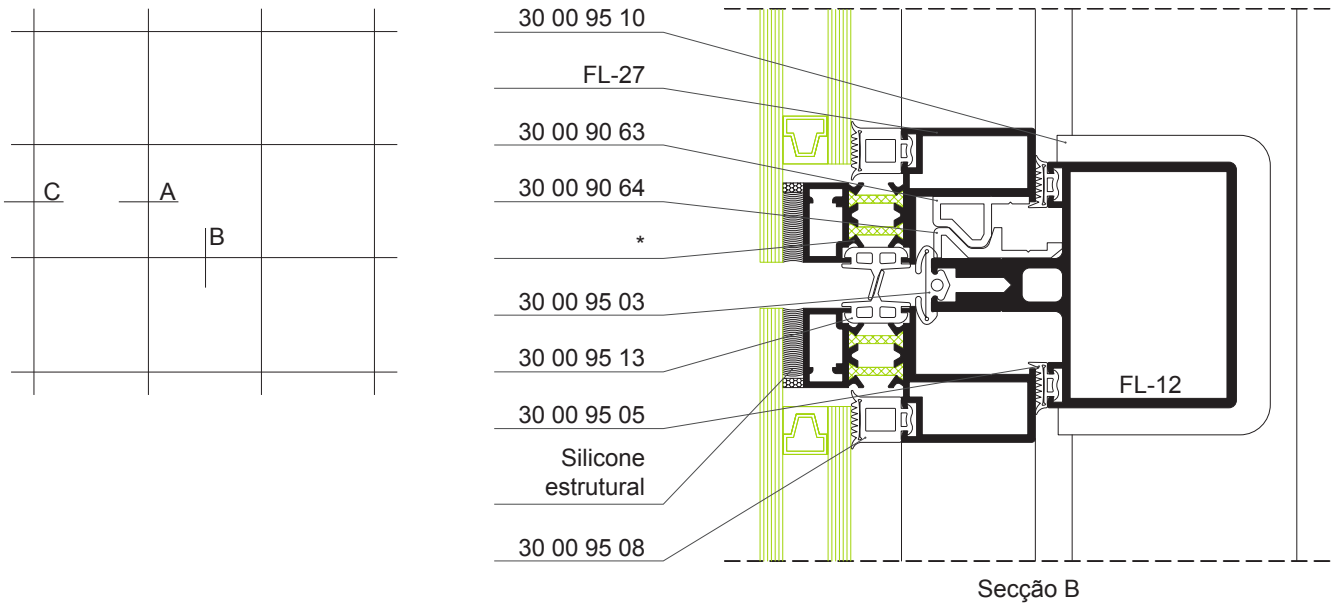
Pormenor canto 90°



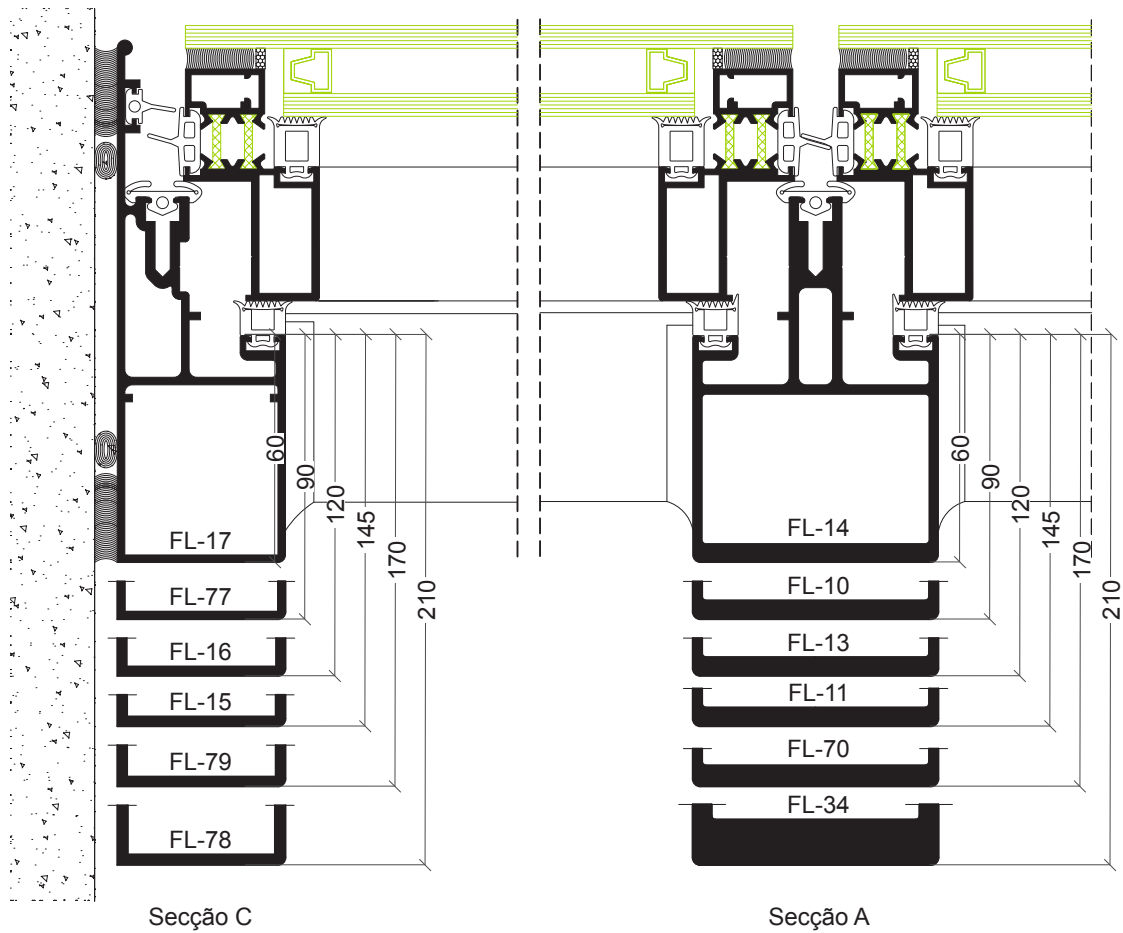
Pormenor canto variável de 15° a 30°

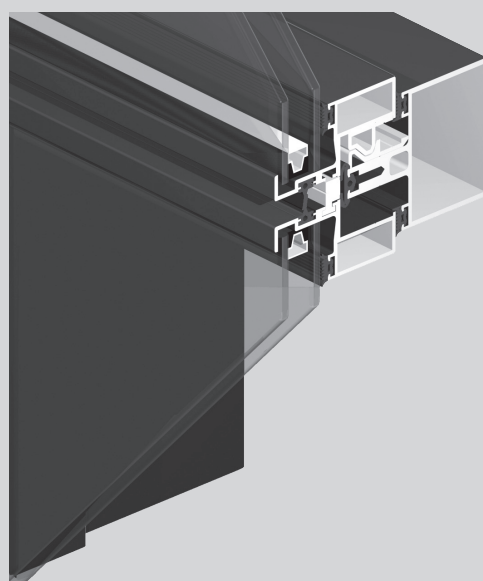
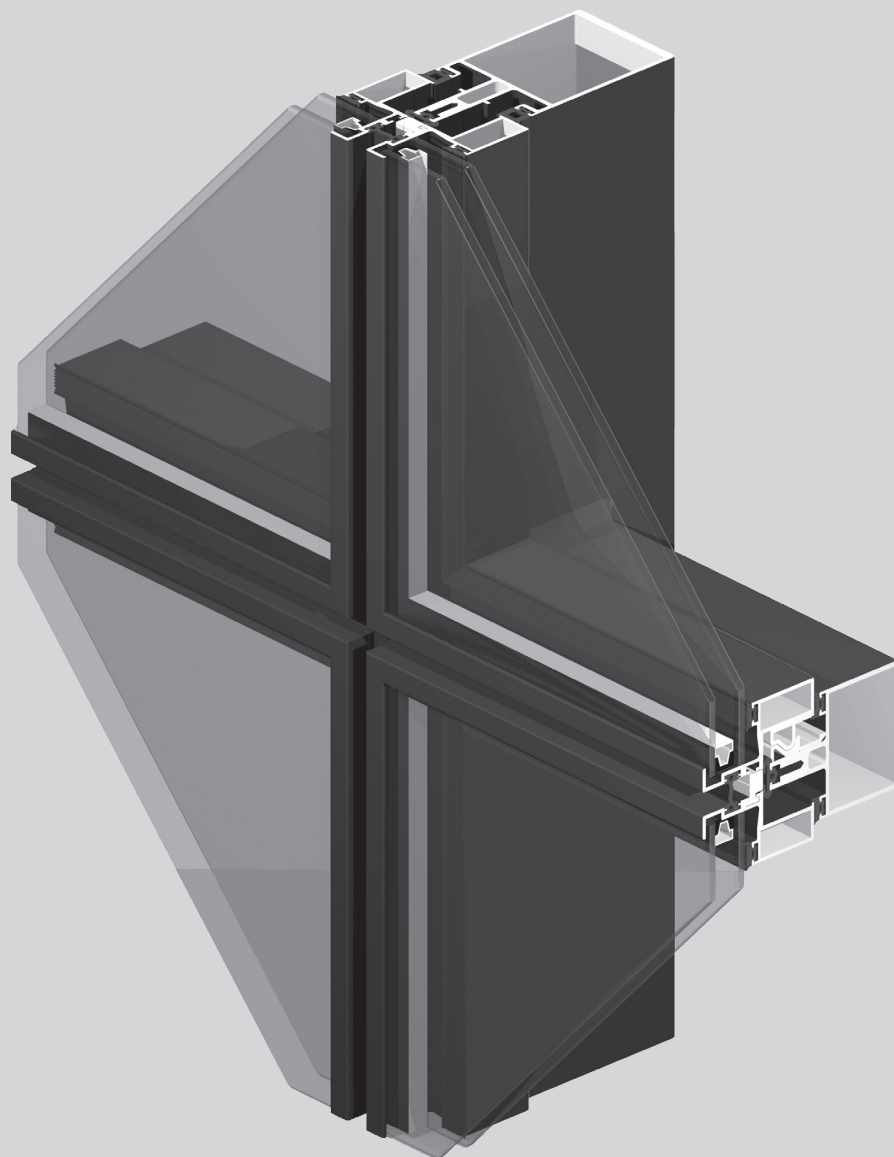


Pormenor horizontal e vertical



* Perfil anodizado com classe 20, colagem especial com silicone estrutural





**Fachada
Semi
Estrutural**

Fachada Semi-Estrutural

Características

Sistema de fachada em que se utilizam perfis para o fabrico das folhas, com um aba que fixa o vidro, evitando o uso de silicone estrutural.

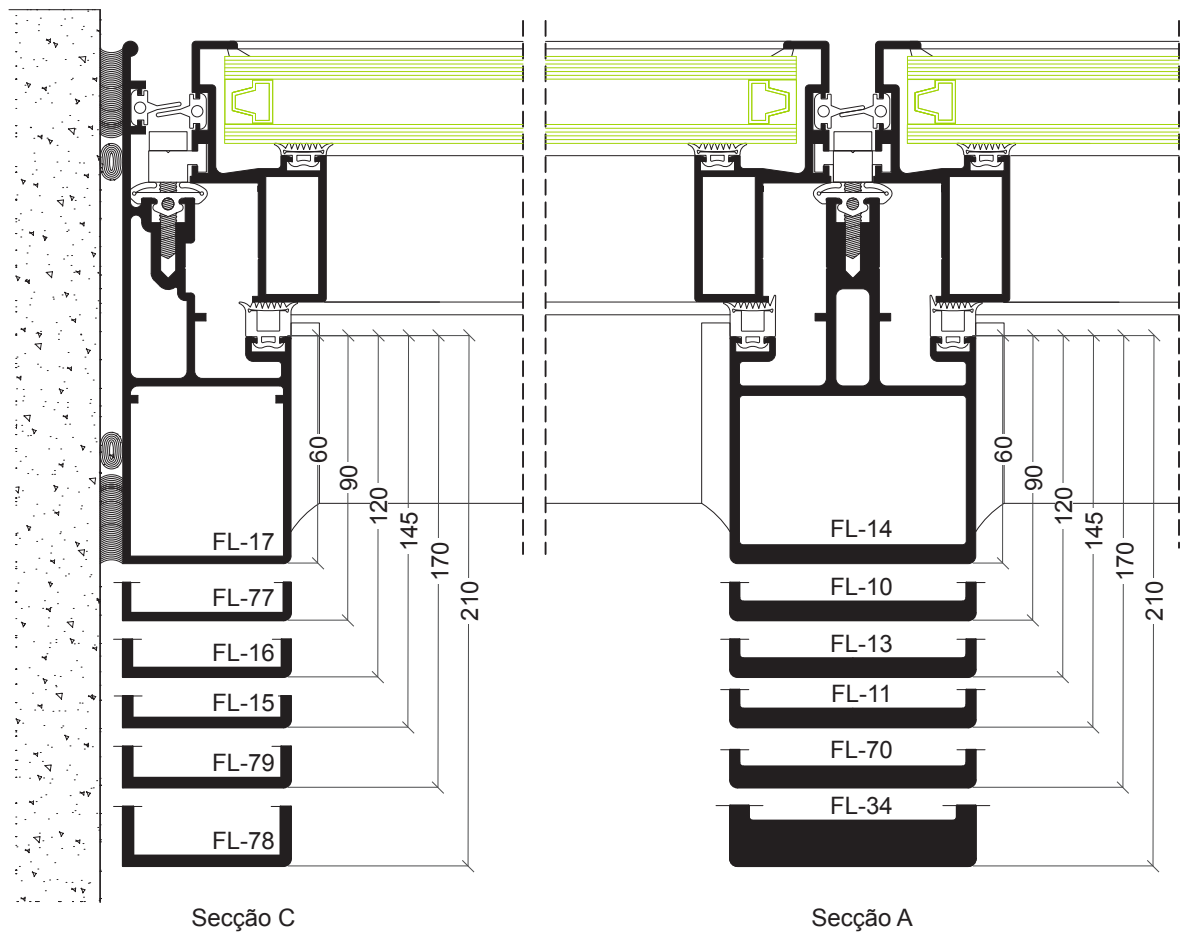
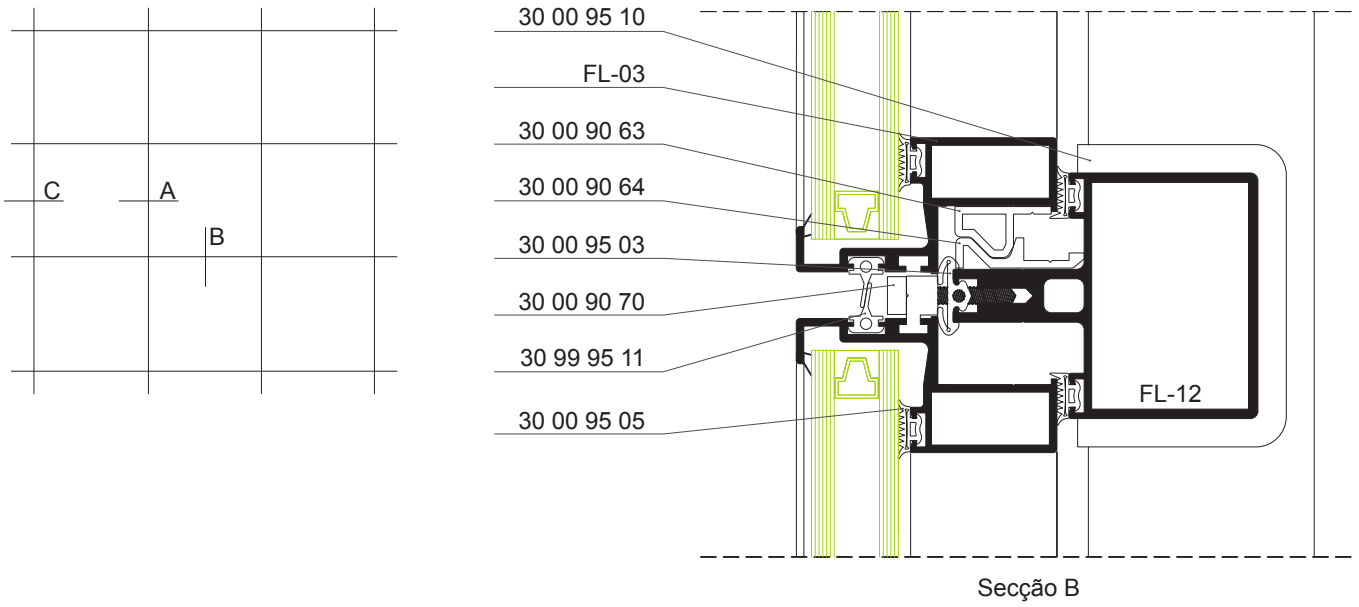
A secção da vista exterior deste sistema é de 12 mm ou 21 mm.

A secção dos montantes e travessas é de 65 mm, visíveis apenas do interior. Ambos os perfis apresentam canais de drenagem e ventilação que garantem juntamente com o sistema de juntas em EPDM, uma máxima estanquidade e permeabilidade. Possibilidade de perfis com rotura térmica.

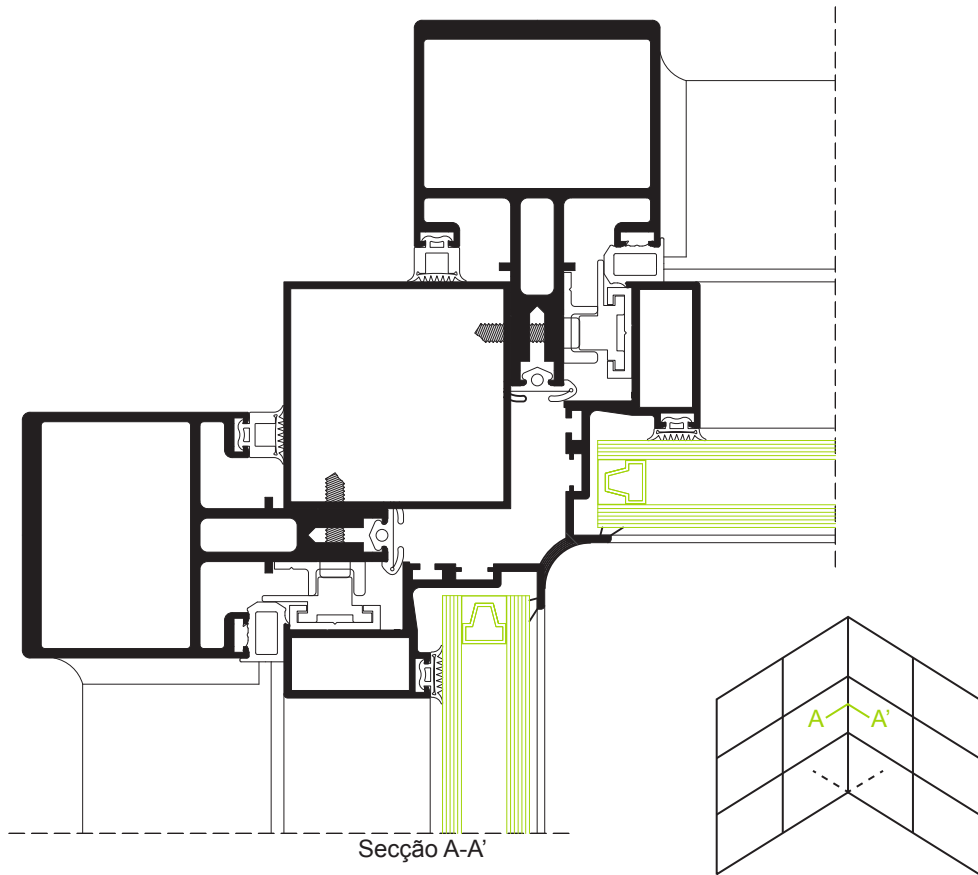
Possibilidades de abertura

Abertura projectante realizada por intermédio de compassos em aço inox com uma resistência até 180 kg, Tanto as folhas fixas como as projectantes são fabricadas com o mesmo perfil perimetral, tornando assim imperceptível a sua distinção pelo exterior.

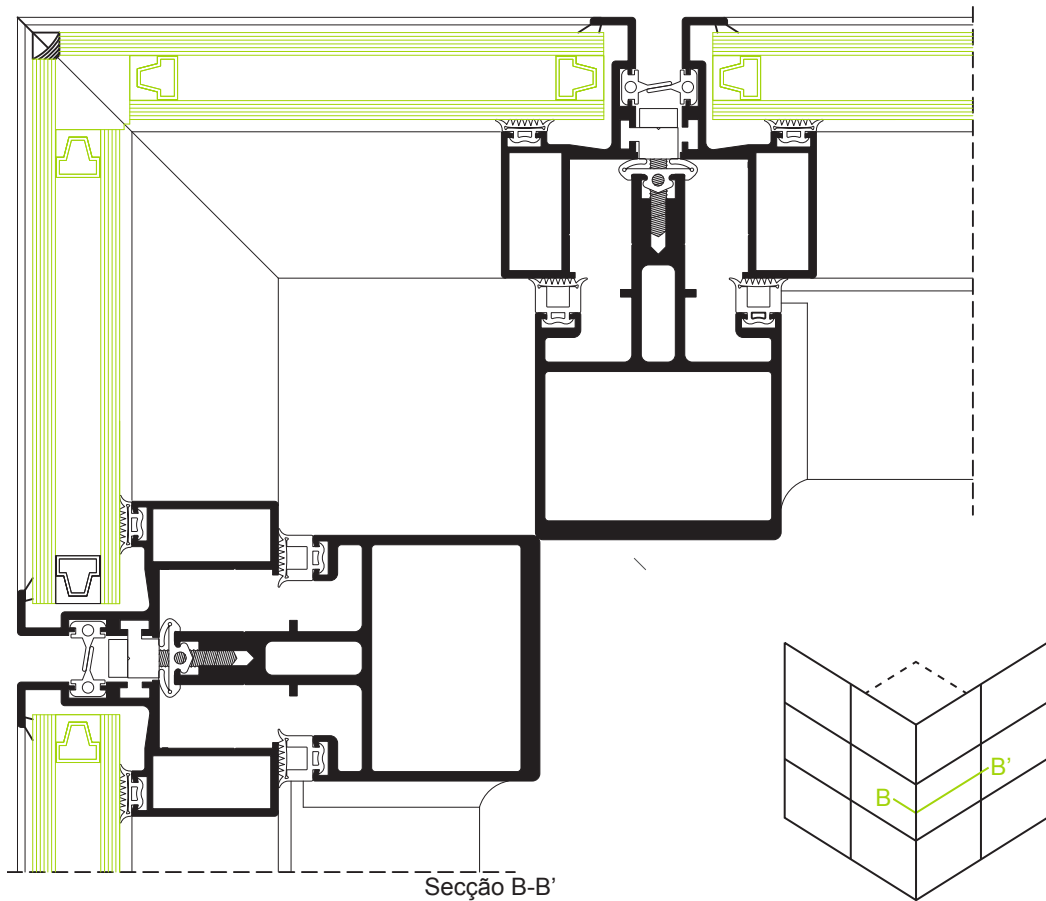
Pormenor horizontal e vertical



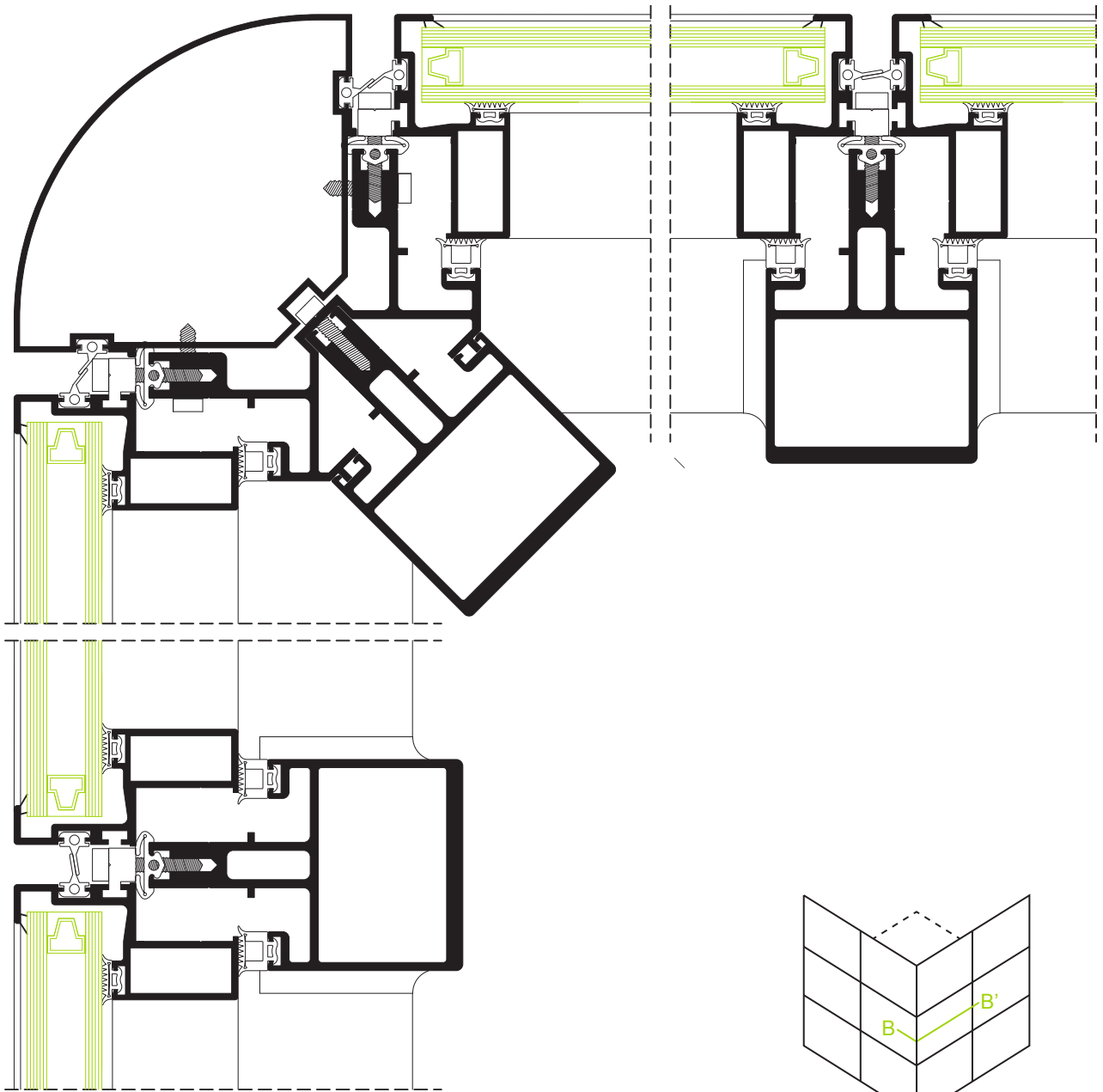
Pormenor canto 90°



Pormenor canto 90°

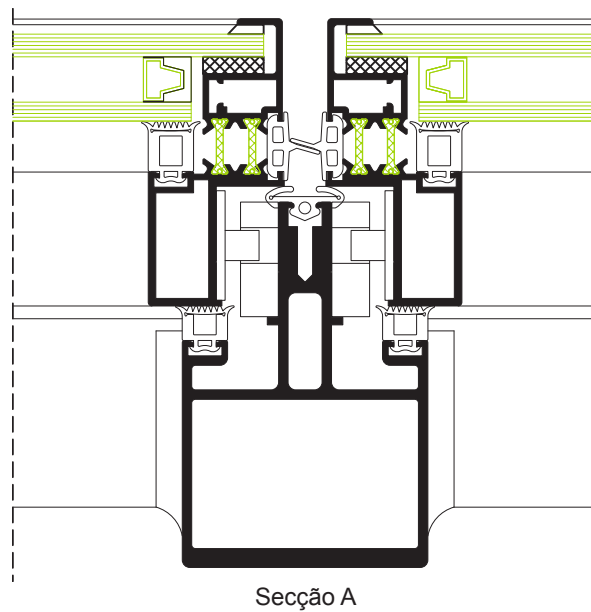
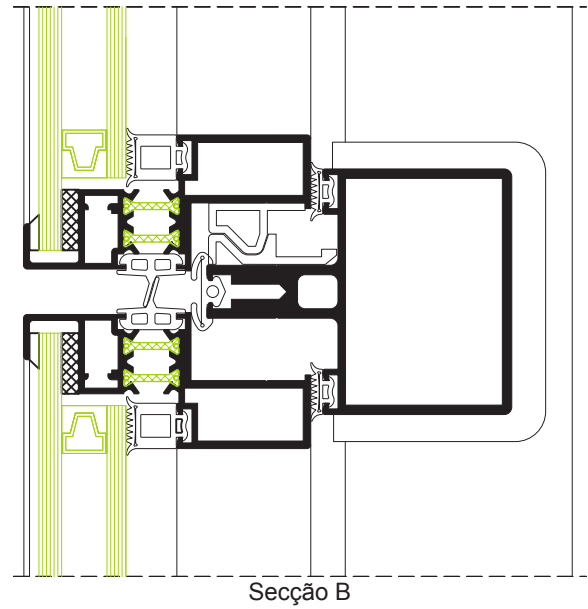
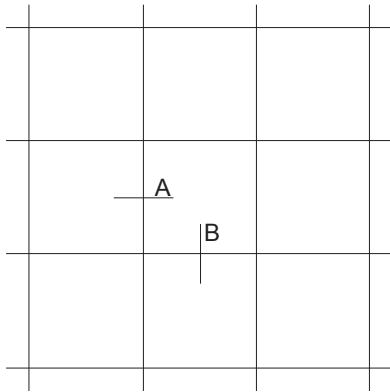


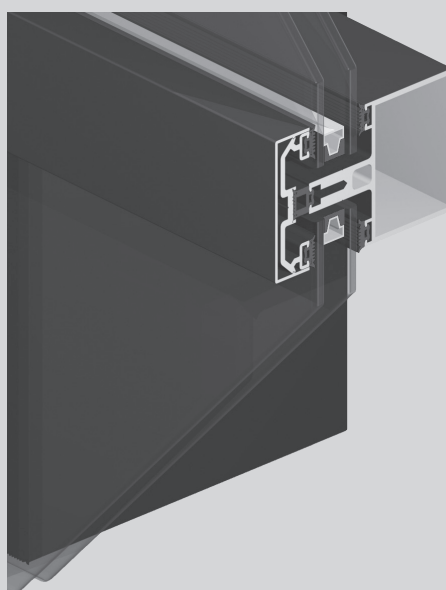
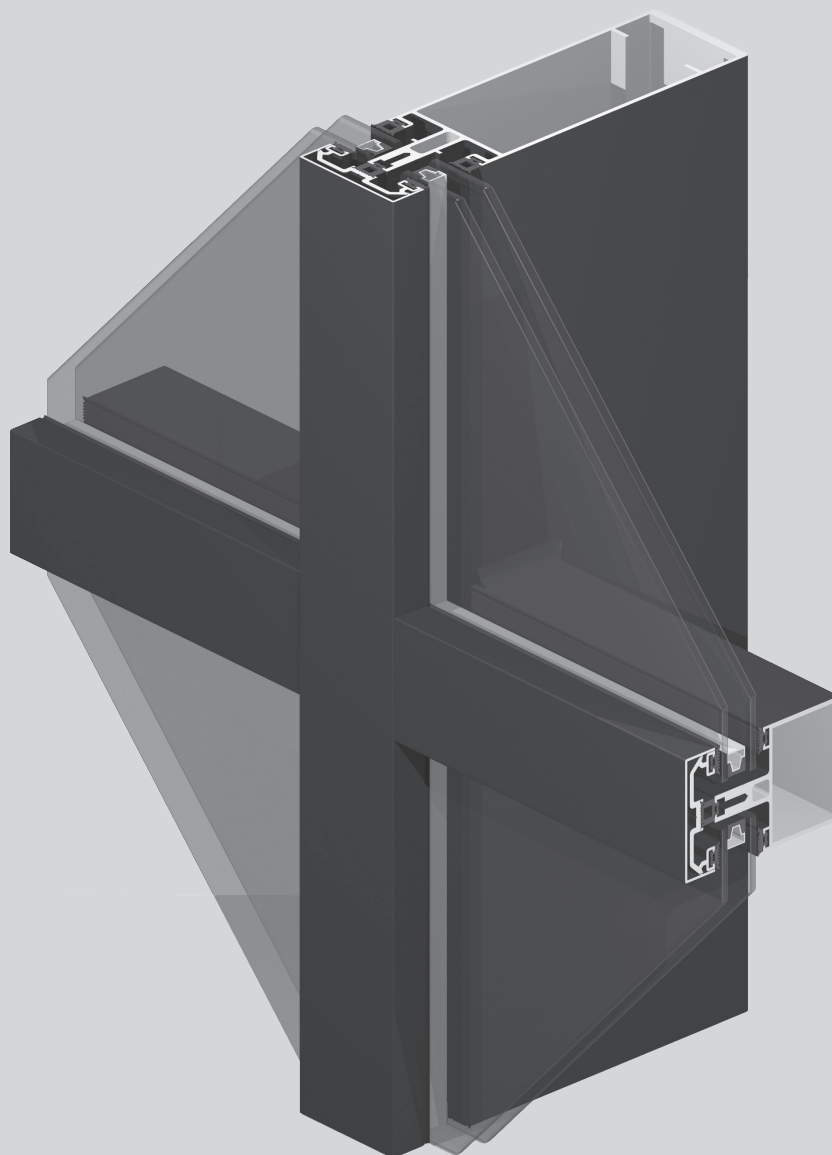
Pormenor canto 90°



Secção A-A'

Pormenor horizontal e vertical





**Fachada
Muro
Invertido**

Fachada Muro Invertido

Características

Neste sistema a colocação de vidros realiza-se mediante uma contra-capa que fixa o vidro à estrutura portante. Sobre este perfil coloca-se uma capa exterior, horizontal e verticalmente, formando assim uma vista exterior nas duas dimensões. A secção visível no interior e exterior dos montantes e travessas é de 65 mm. Ambos os perfis apresentam canais de drenagem e ventilação que garantem juntamente com o sistema de juntas de EPDM, uma estanquidade e permeabilidade máximas.

Possibilidades de abertura

Este tipo de fachada, ao contrário de todos os outros, permite qualquer tipo de abertura proporcionada pelos Sistemas Anicolor. A janela é fixa à estrutura com ajuda do perfil pressionante que fixa o vidro à fachada. Existe também a possibilidade de realizar aberturas projectantes "ocultas", isto é, não visíveis do exterior.

Categorias alcançadas em banco de ensaios:

1. Permeabilidade ao ar: Classe C
2. Estanquidade à água: 600 Pa
3. Resistência ao vento: 2400 Pa
4. Ensaio de segurança: 3600 Pa

Fachada Muro Invertido – Tampa Elíptica

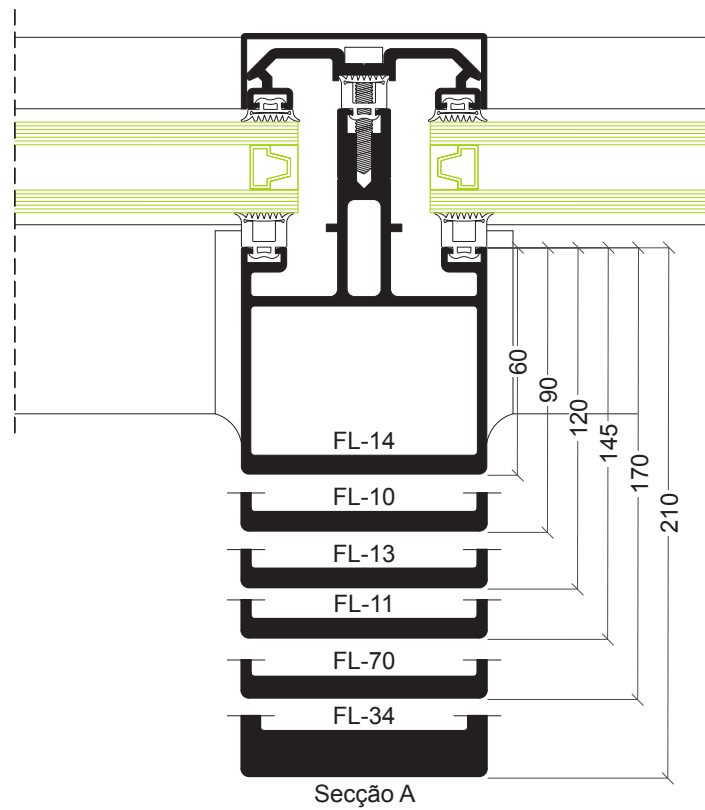
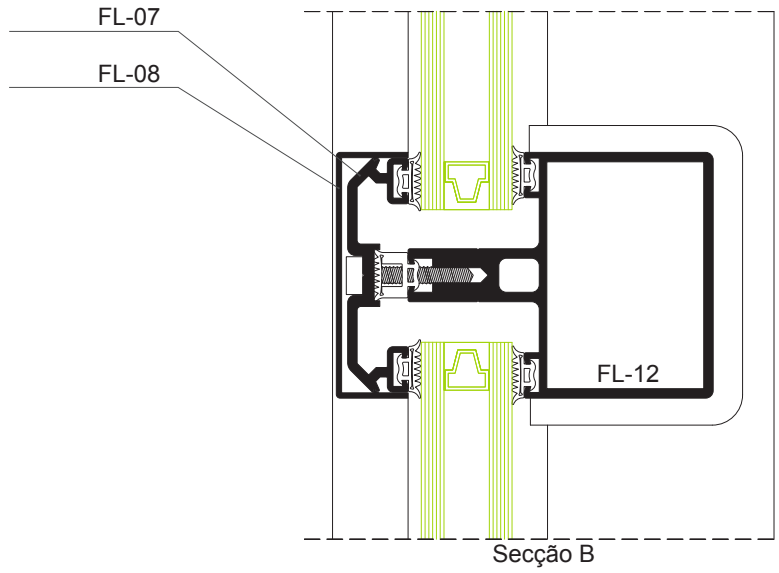
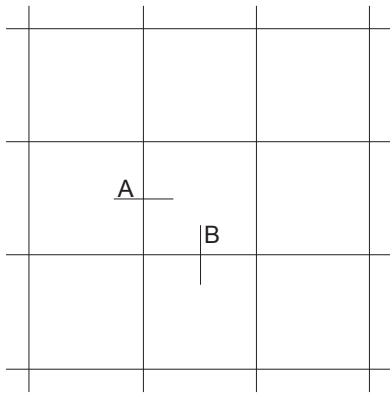
Características

Sistema derivado da Fachada Muro Invertido mas que oferece uma estética exterior distinta. No sentido vertical, os vidros ocultam a estrutura portante, produzindo-se uma união vidro-vidro, enquanto que na horizontal, sobre o perfil pressionante que fixa o vidro, se coloca uma capa com forma elíptica ou redonda, realçando a vista horizontal deste tipo de fachadas. A secção visível, quer no interior, quer no exterior dos montantes e travessas é de 65 mm. Ambos os perfis apresentam canais de drenagem e ventilação que garantem, juntamente com o sistema de juntas de EPDM uma estanquidade e permeabilidade máximas.

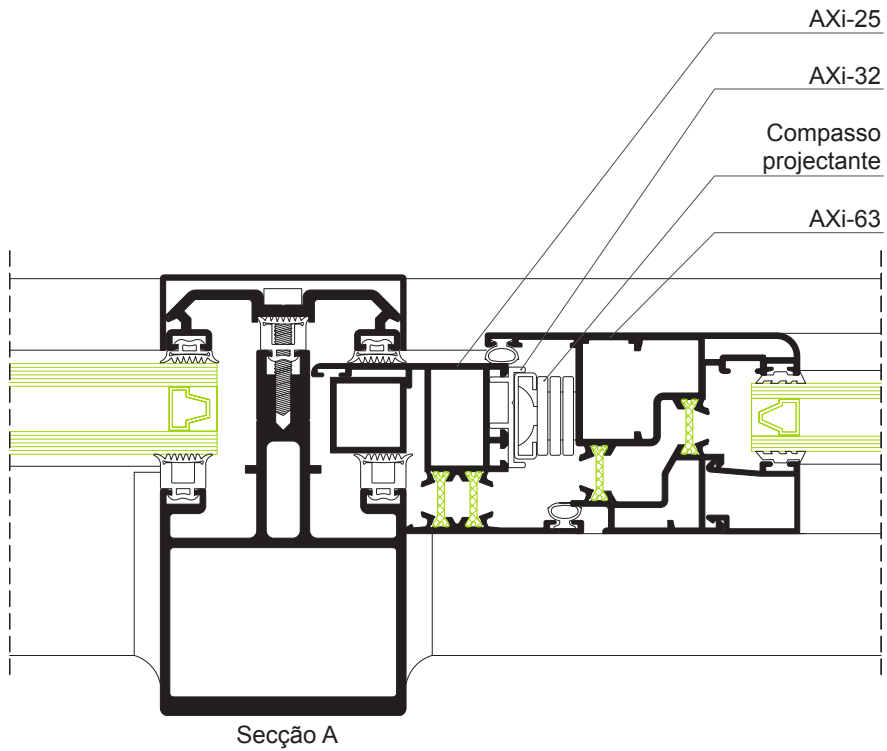
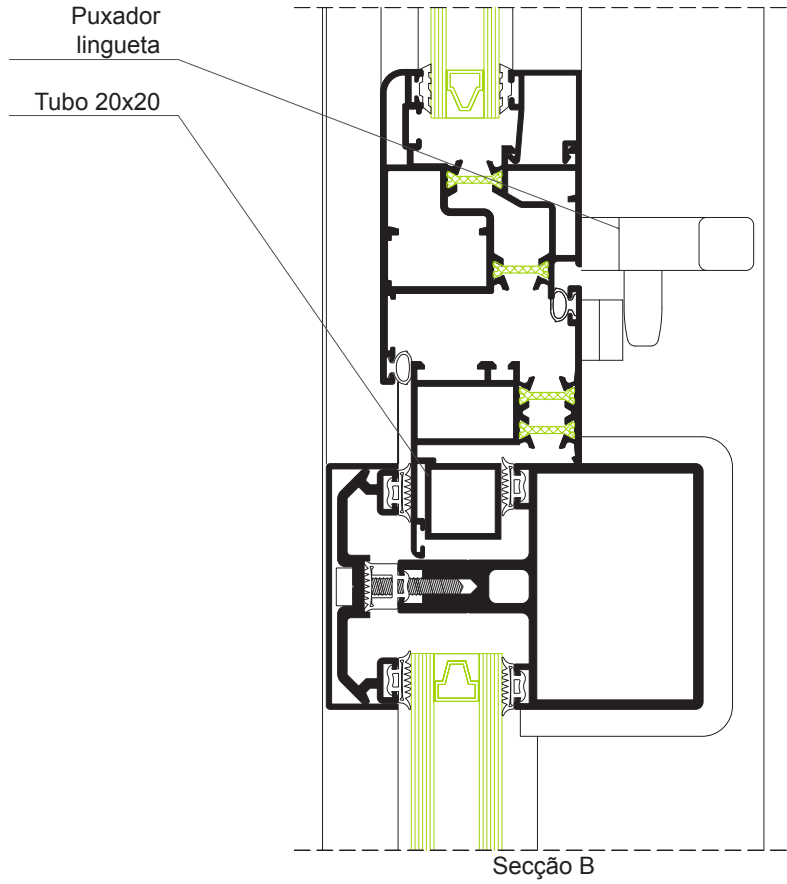
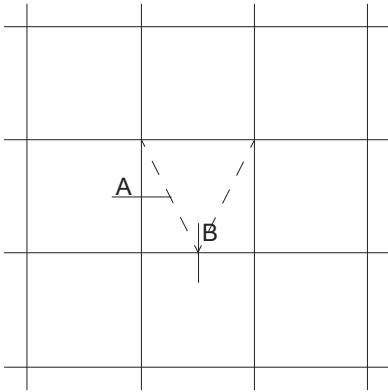
Possibilidades de abertura

Este tipo de fachada, ao contrário de todos os outros, permite qualquer tipo de abertura proporcionada pelos Sistemas Anicolor. A janela é fixa à estrutura com ajuda do perfil pressionante que fixa o vidro à fachada. Existe também a possibilidade de realizar aberturas projectantes "ocultas", isto é, não visíveis do exterior.

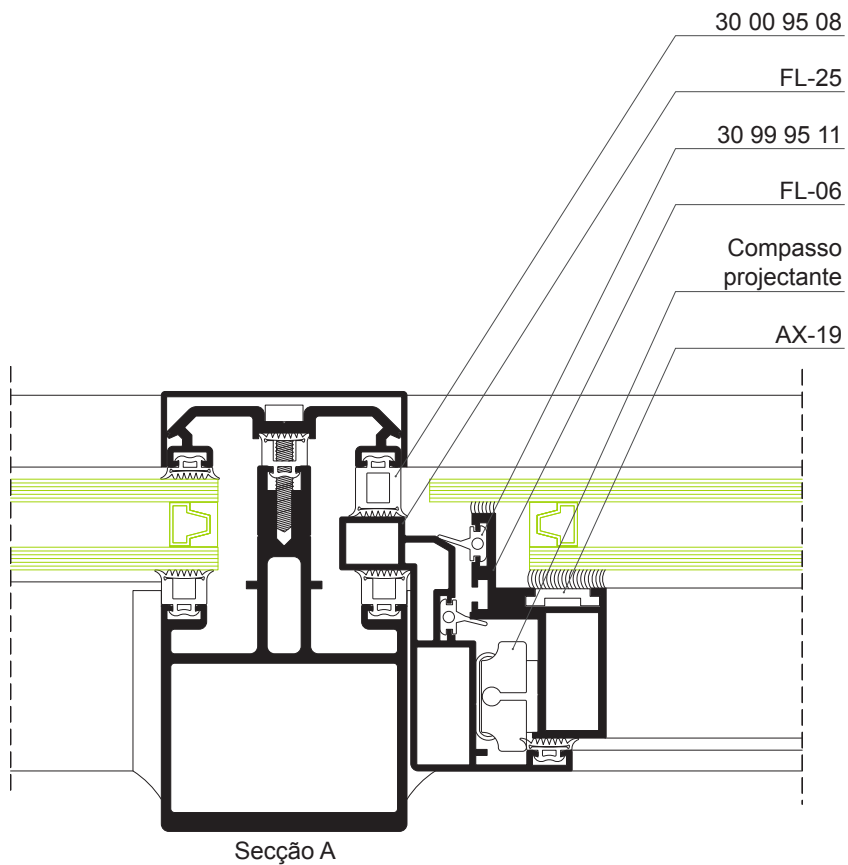
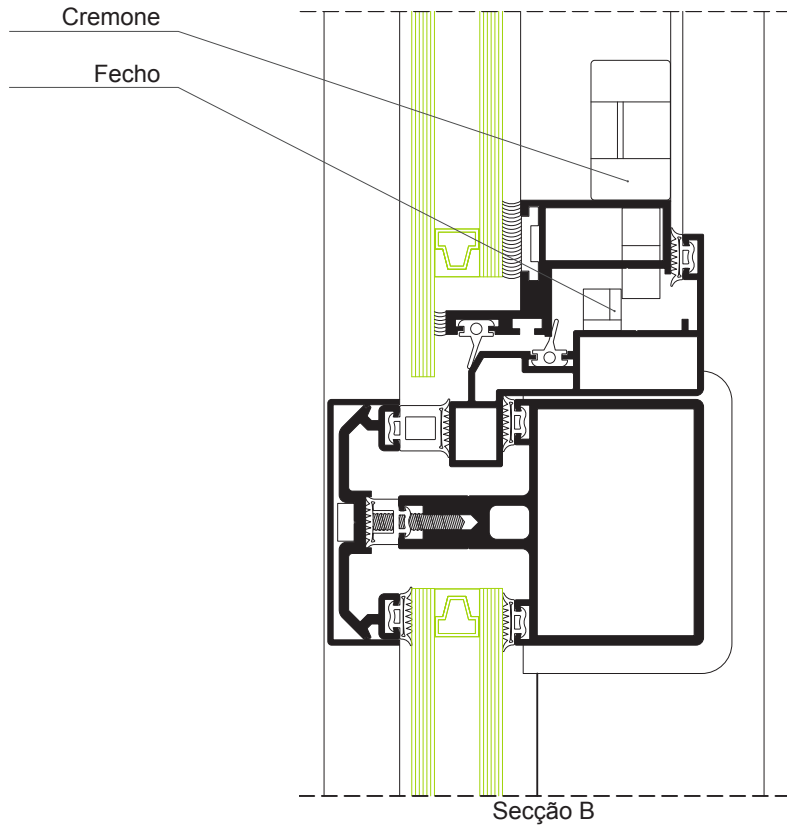
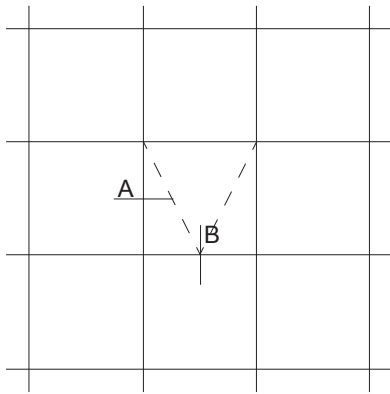
Pormenor horizontal e vertical



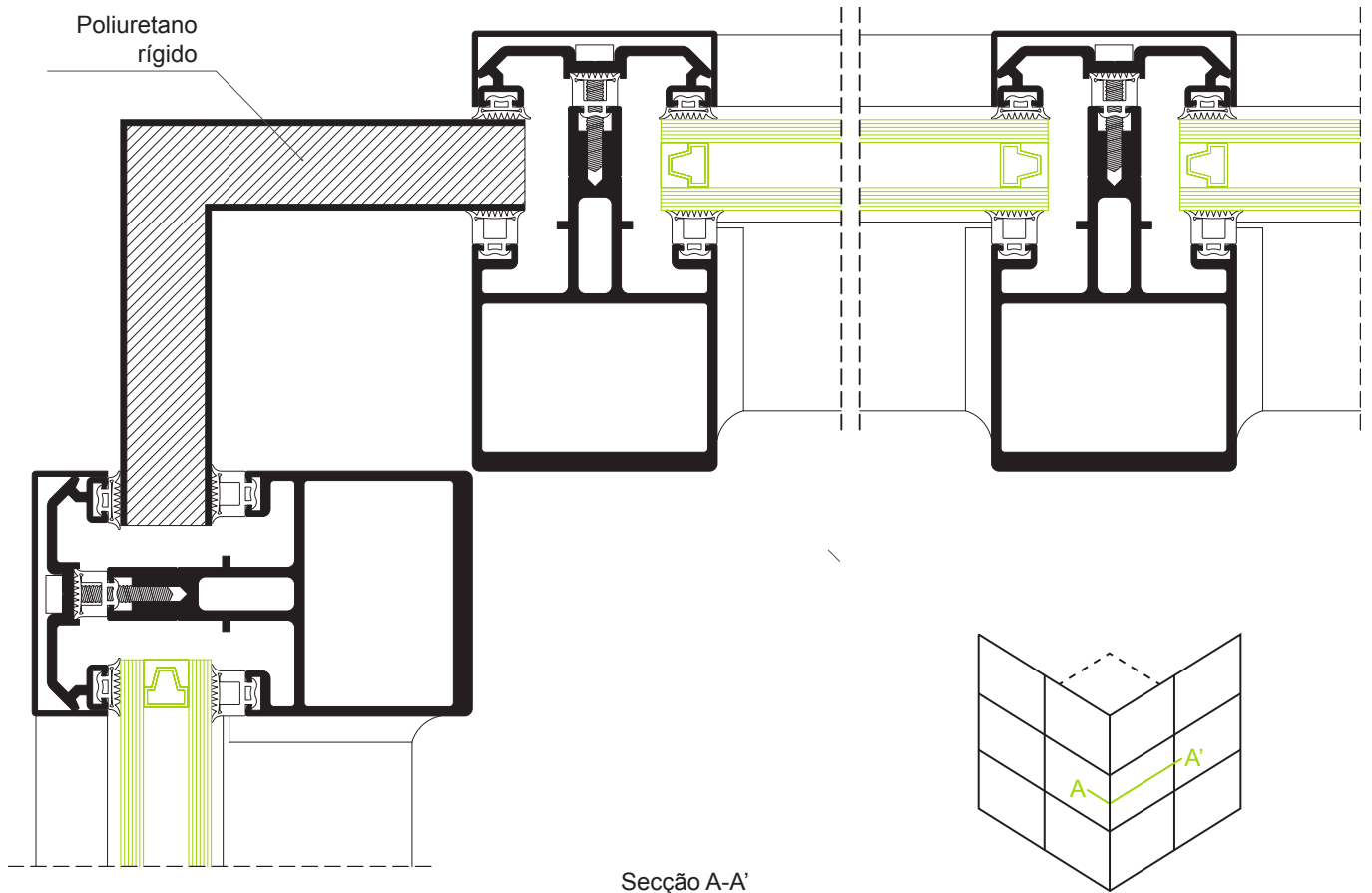
Pormenor horizontal e vertical Janela projectante-deslizante (AXi)



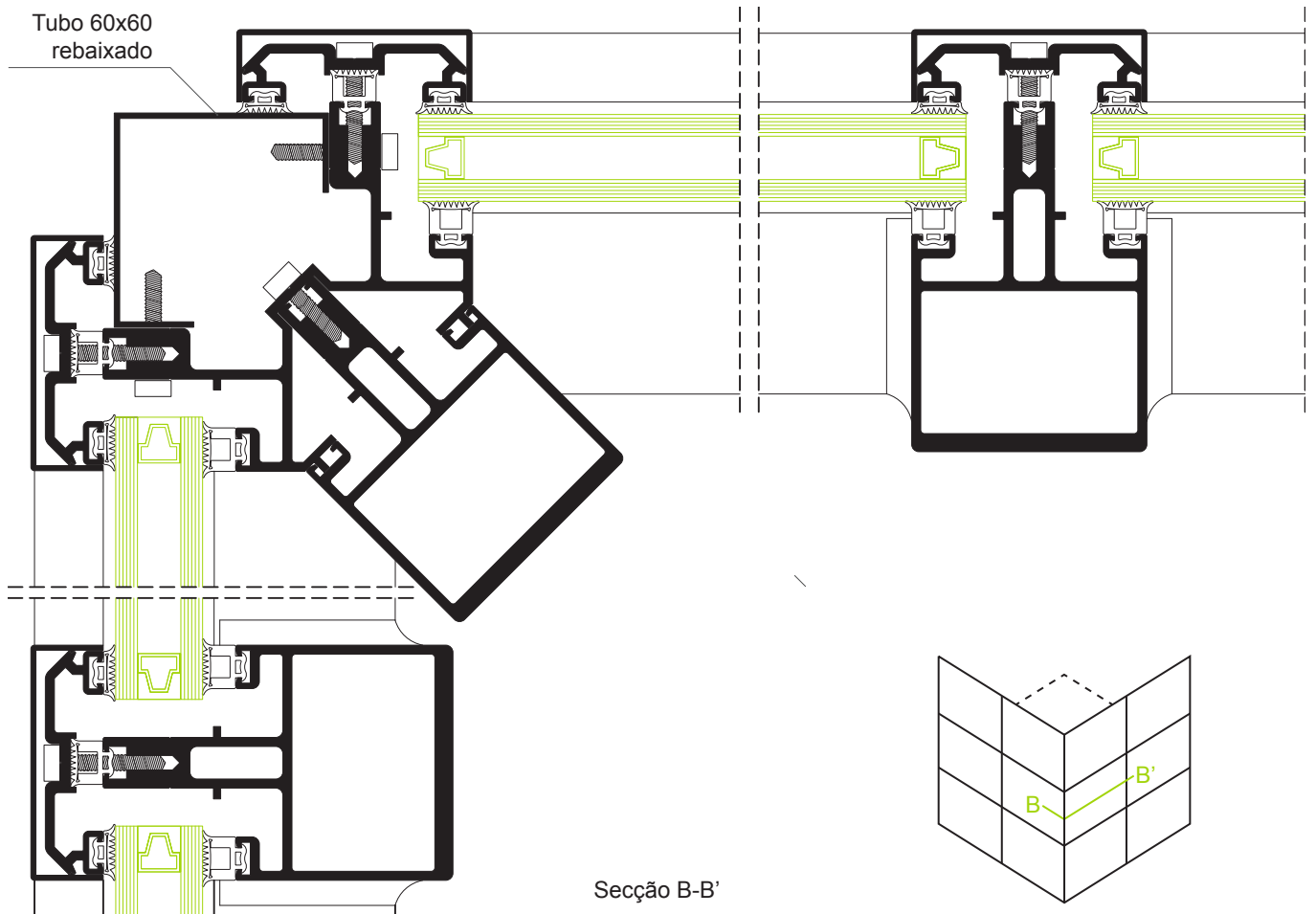
**Pormenor horizontal e vertical
Janela projectante-deslizante (folha oculta)**



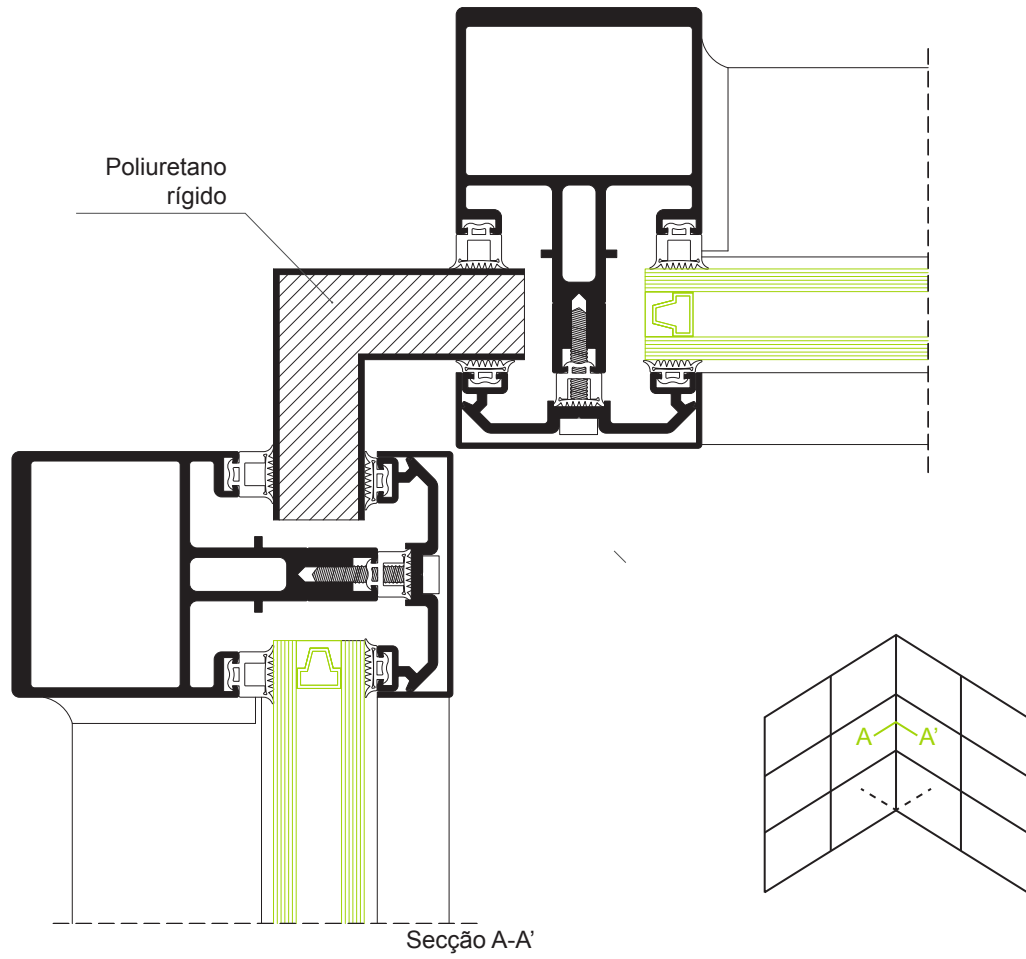
Pormenor canto 90°

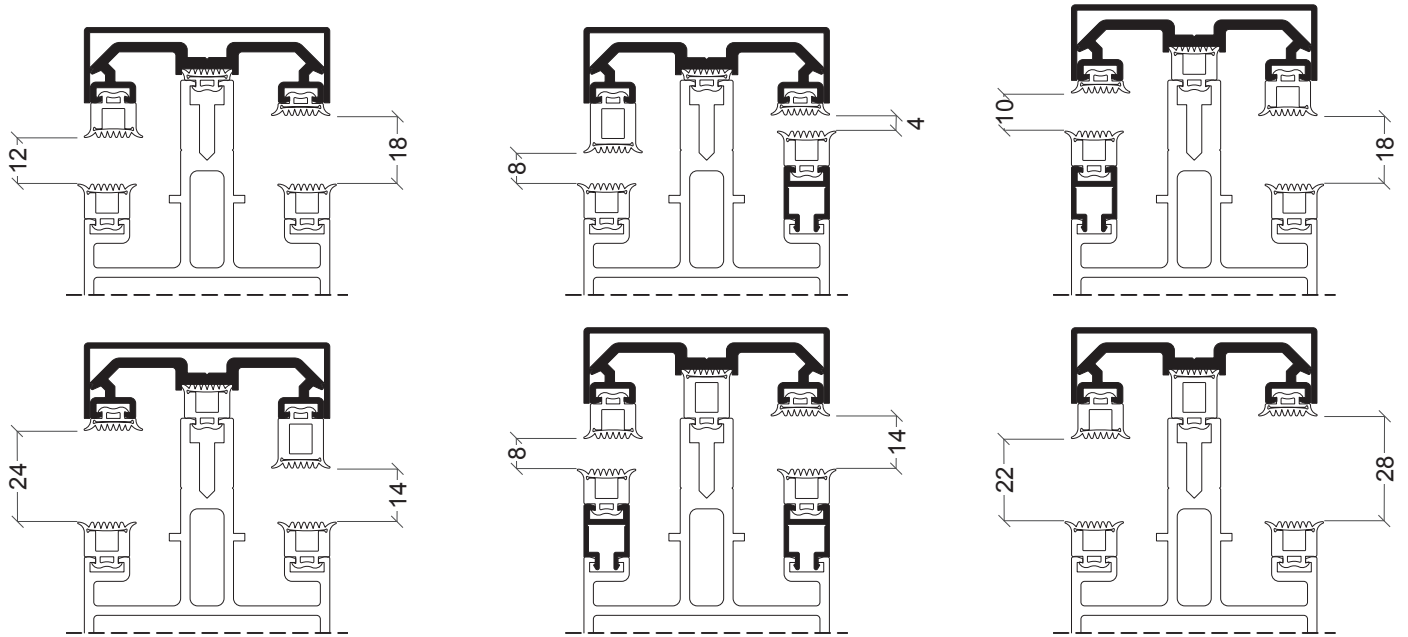
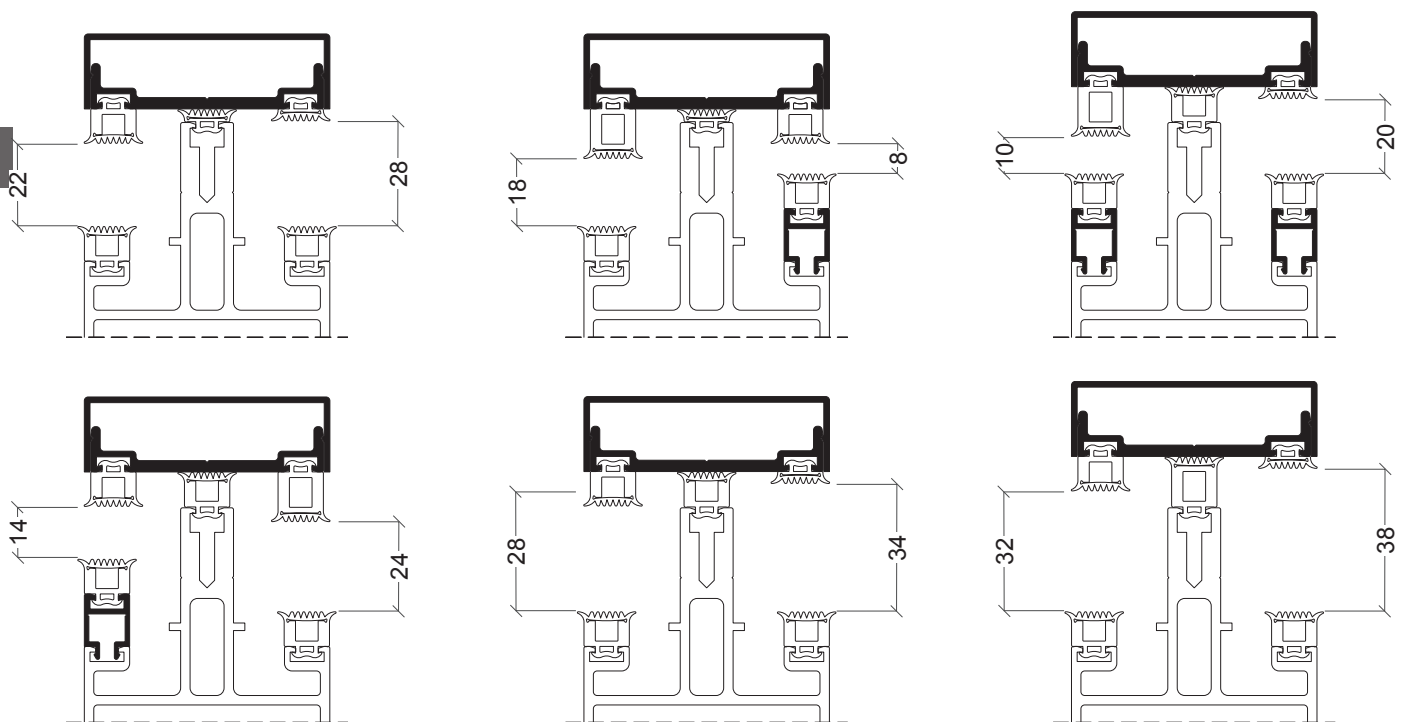


Pormenor canto 90°



Pormenor canto 90°

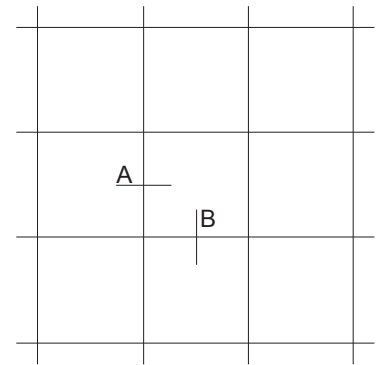
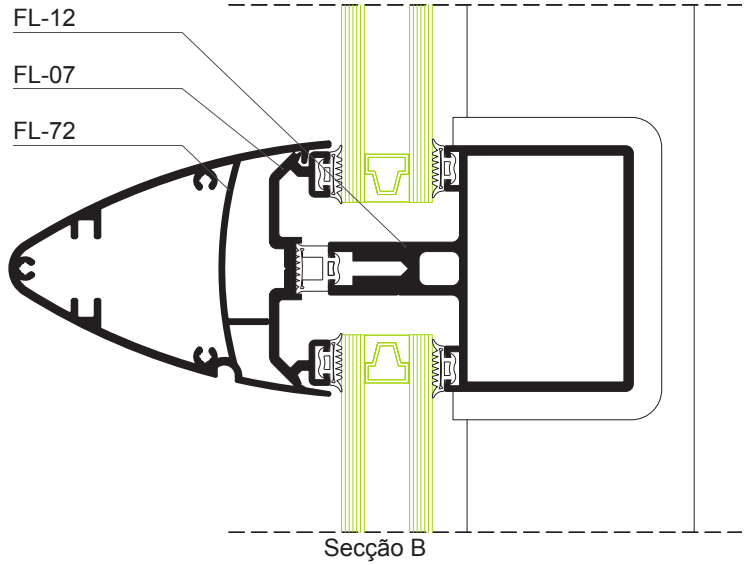
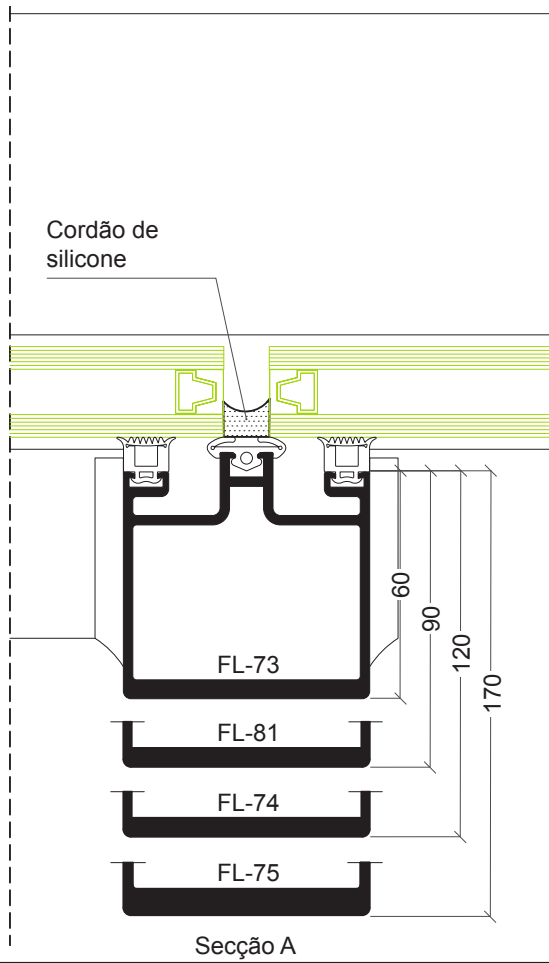


Caixas de vidro

Caixas de vidro


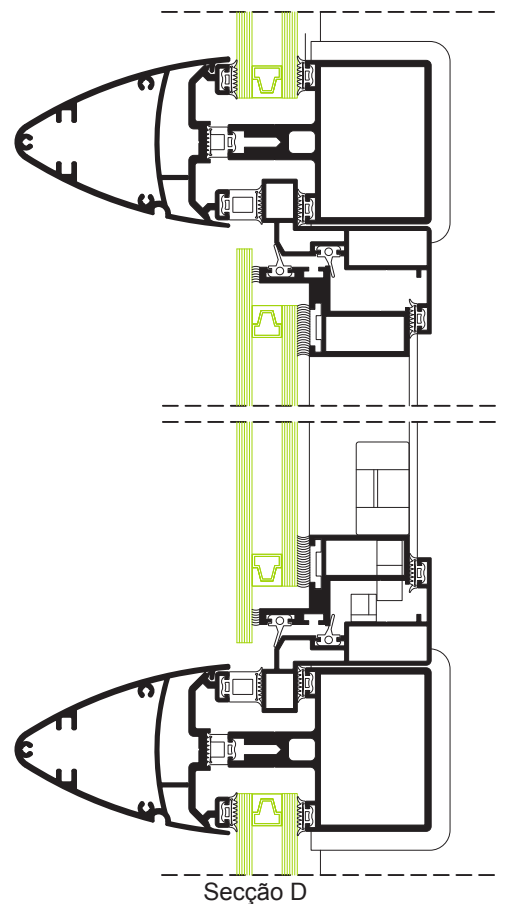
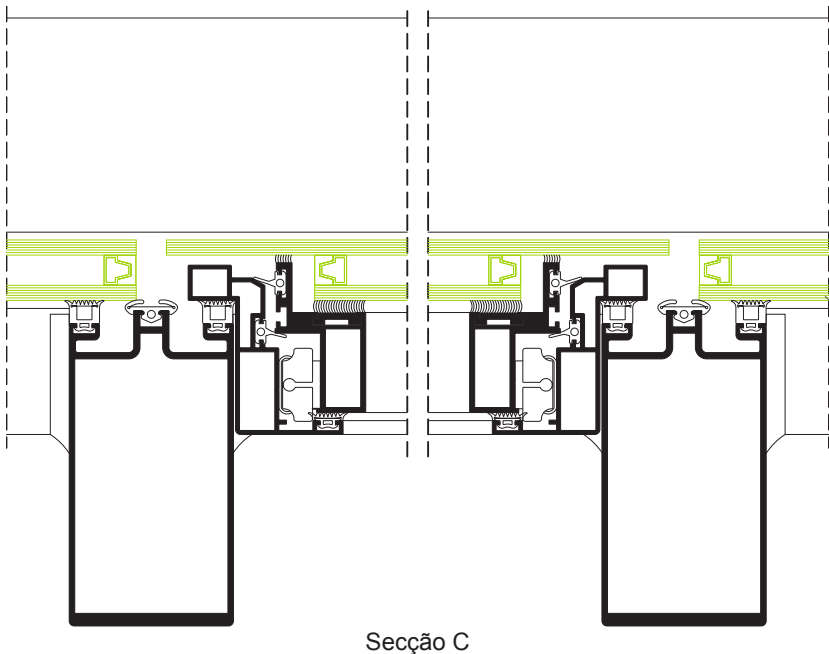
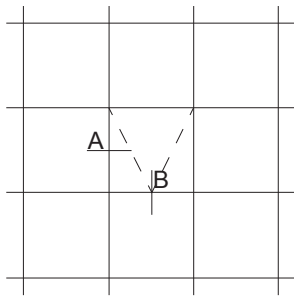
40

Referência	Desenho	Descrição
FL-32		Suplemento de muro invertido
30 00 95 01		Junta interior montante Junta central montante e travessa (muro invertido)
30 00 95 05		Junta interior de travessa
30 00 95 08		Junta central montante e travessa

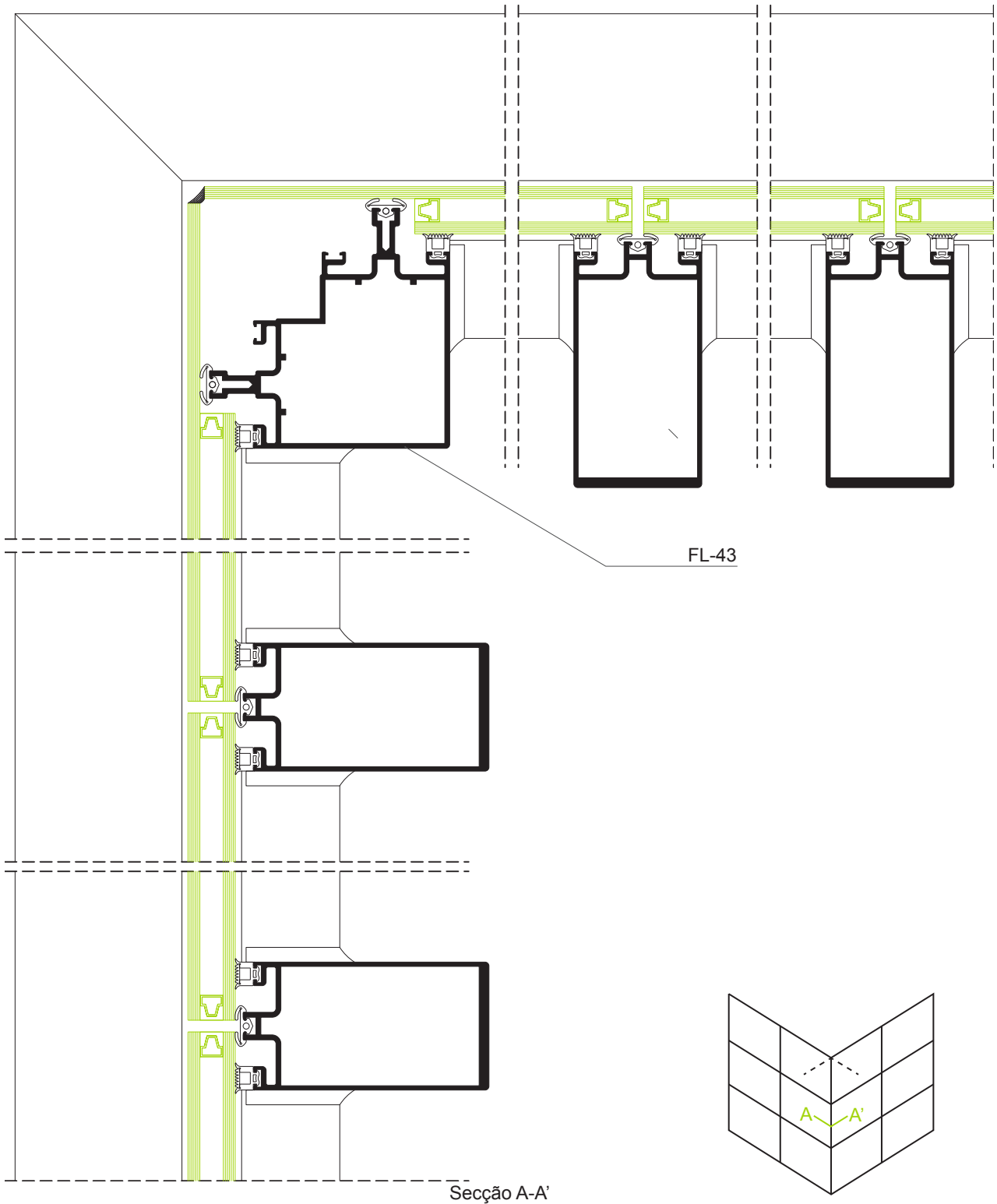
Pormenor horizontal e vertical

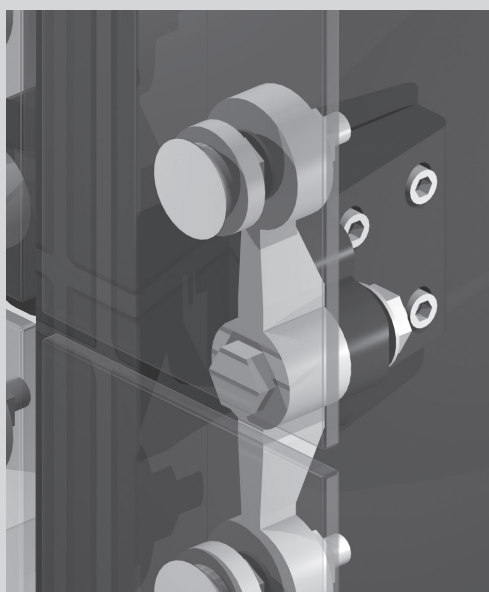
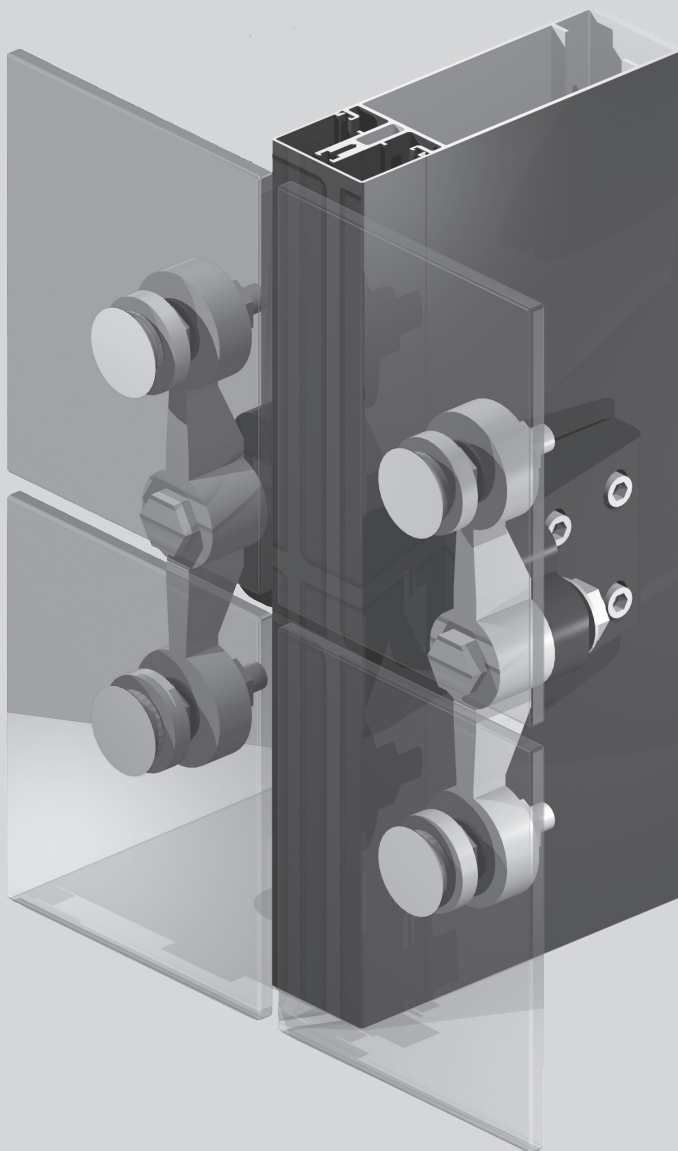


Pormenor horizontal e vertical
Janela projectante



Pormenor canto 90°





**Fachada
Milénio**

Fachada Milénio

Características

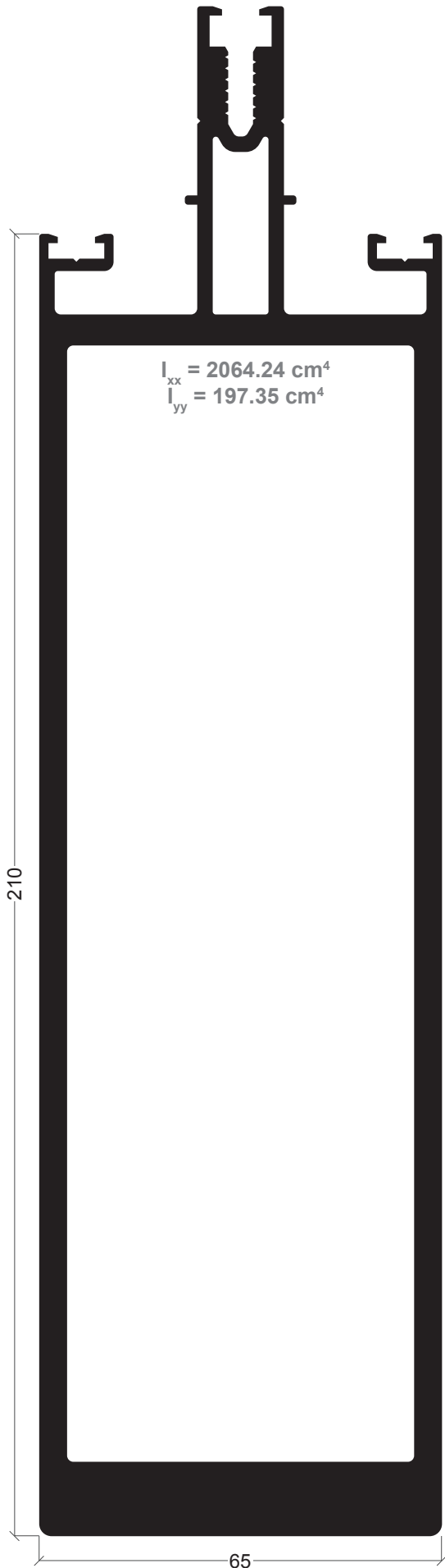
Sistema de fachada ligeira, onde o vidro exterior é fixo mediante grampos e peças de fixação, fixas ou com rótulas. Os grampos, fabricados em aço inoxidável são fixos às peças de suporte do vidro. O vidro, temperado e/ou laminado é previamente mecanizado para permitir a sua fixação à estrutura. As peças de fixação apresentam as seguintes vantagens:

- facilitam a colocação do vidro;
- amortecem as deformações produzidas no vidro (pressão do vento, dilatações, ...);
- permitem corrigir defeitos construtivos.

A estrutura portante sobre a qual se fixam os grampos é formada por perfis verticais de alumínio com a elevada espessura de 65 mm de secção visível. Tal espessura confere a estes perfis um elevado momento de inércia, permitindo construções com grandes distâncias entre apoios. Este sistema complementa-se com outros perfis e juntas que permitem realizar as mais variadas soluções construtivas.

Possibilidades de abertura

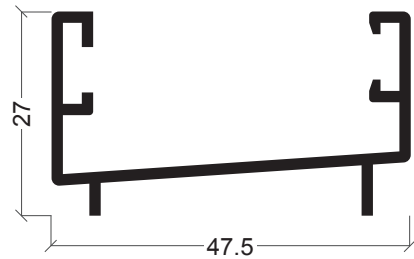
Este sistema não oferece possibilidade de abertura.



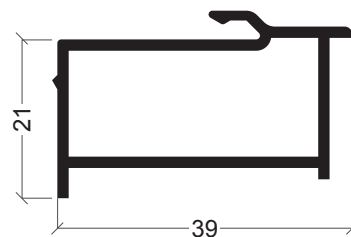
FL-34
Montante de 210 mm



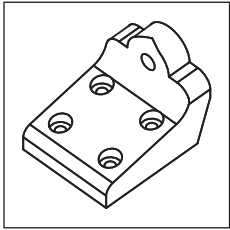
FL-53
Remate topo de montante



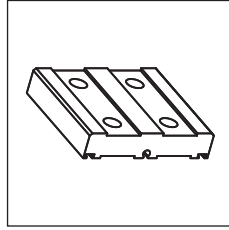
FL-54
Remate



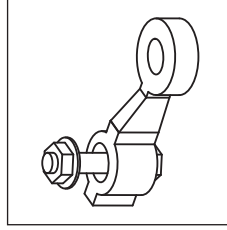
FL-55
Porta-vedante


30 20 96 01

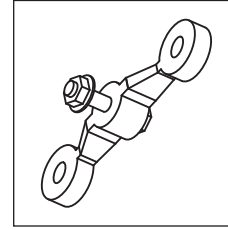
Suporte do vidro


30 20 96 02

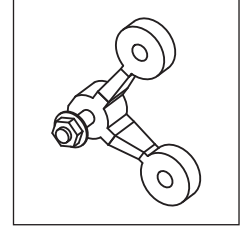
Contra-placa


30 20 96 03

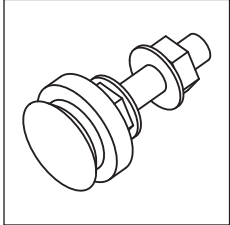
Grampo 1 (0°) (peso vidro máx. 300 kg)

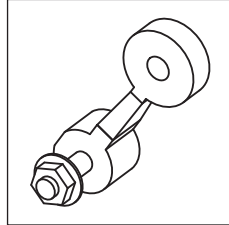

30 20 96 04

Grampo 2 (180°) (peso vidro máx. 300 kg)

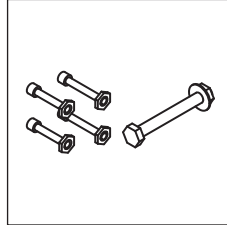

30 20 96 05

Grampo 3 (90°) (peso vidro máx. 300 kg)




30 20 96 06

 Rótula
(vidro monolítico 8-12 mm)
 (vidro laminado 8-12 mm / 6-15 mm)

30 20 96 09

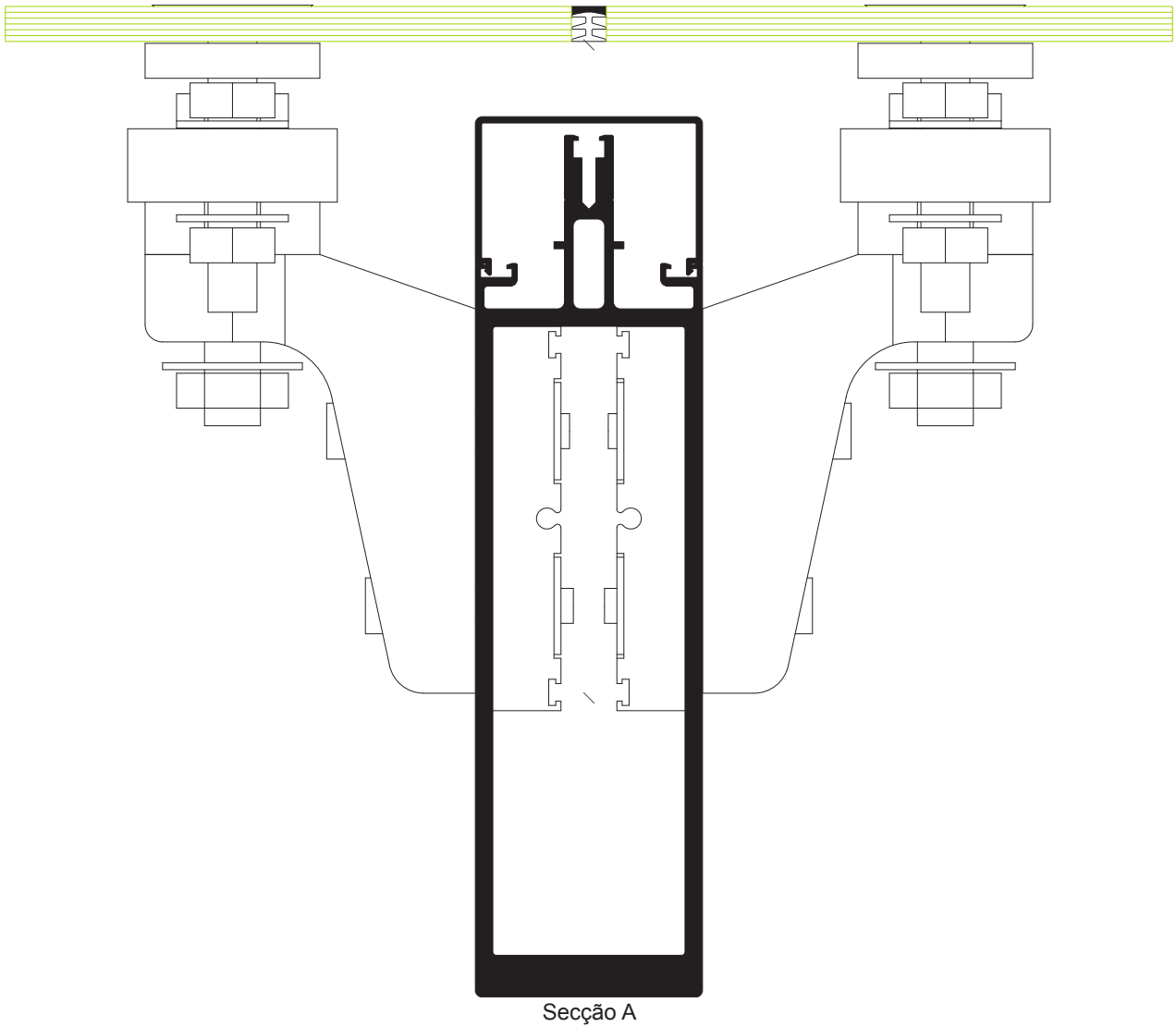
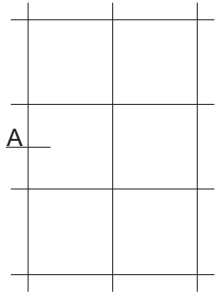
Grampo 4 (45°) (peso vidro máx. 300 kg)


30 27 96 01

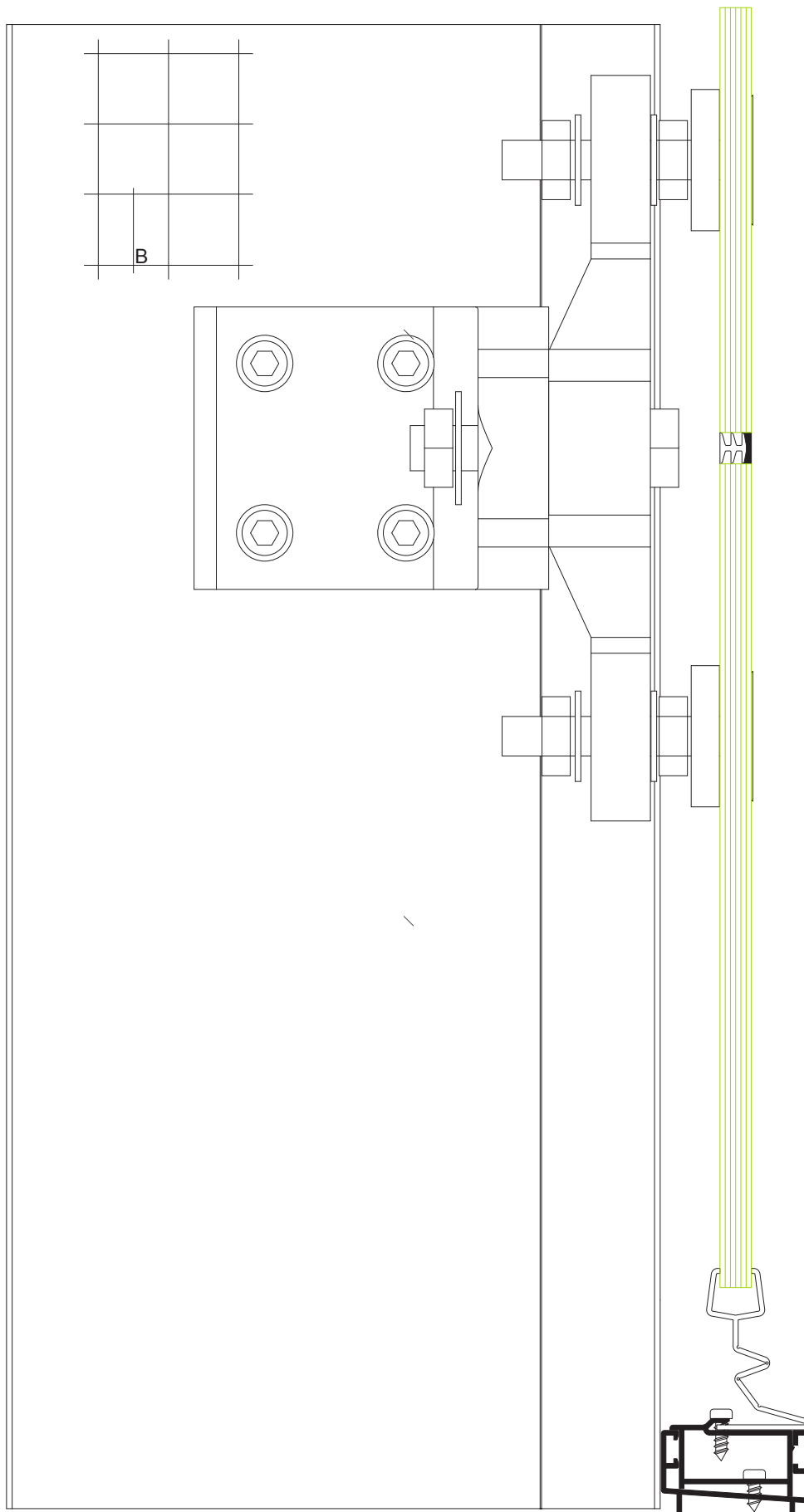
Kit de fixação

Referência	Desenho	Descrição
30 20 96 07		Junta de remate
30 20 96 08		Junta entre vidros

Pormenor horizontal

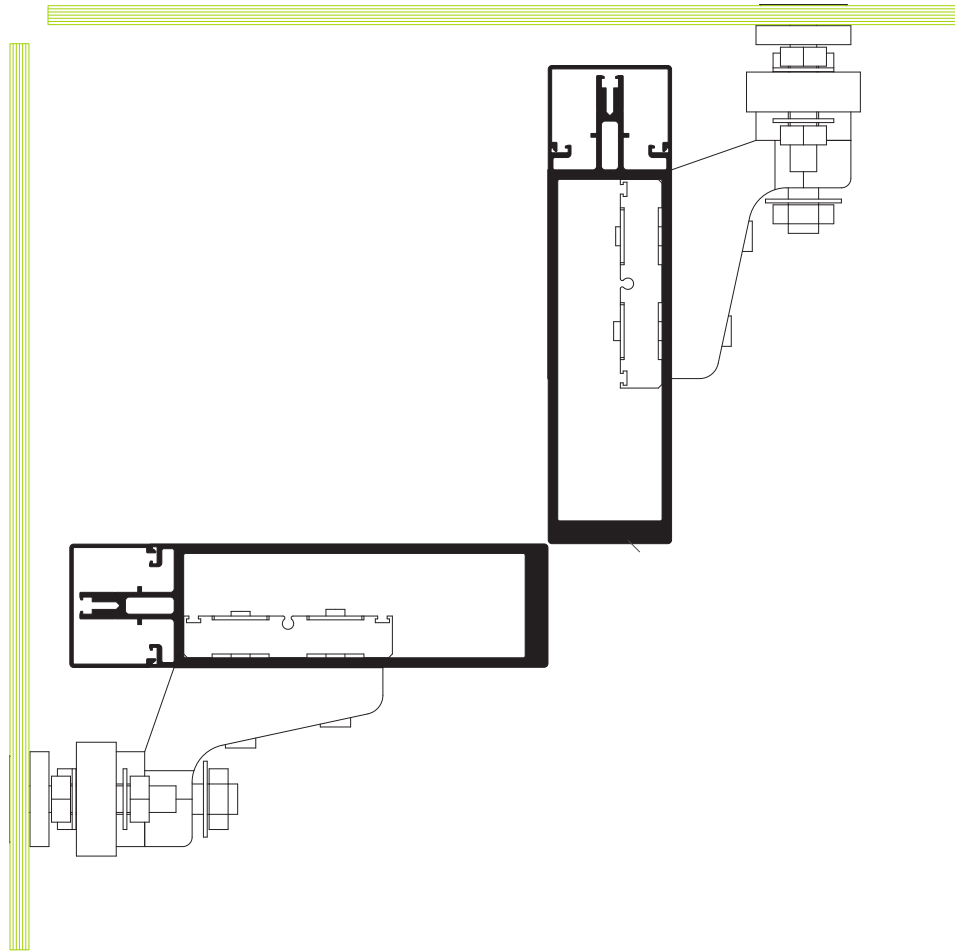
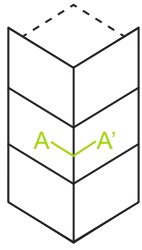


Pormenor vertical



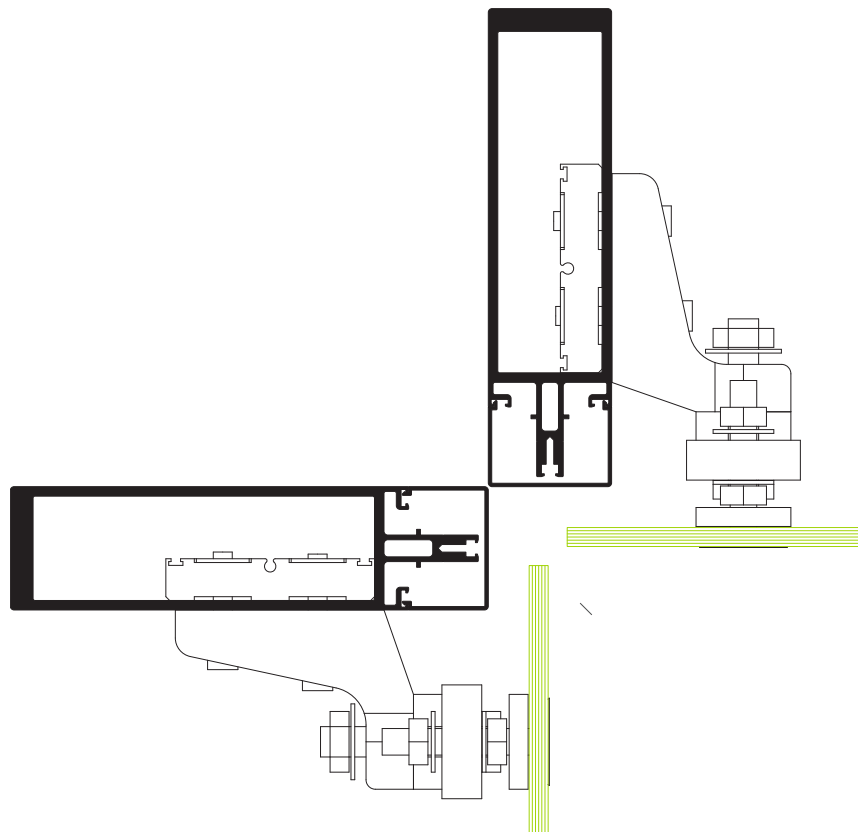
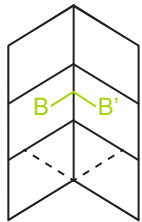
Secção B

Pormenor canto 90°



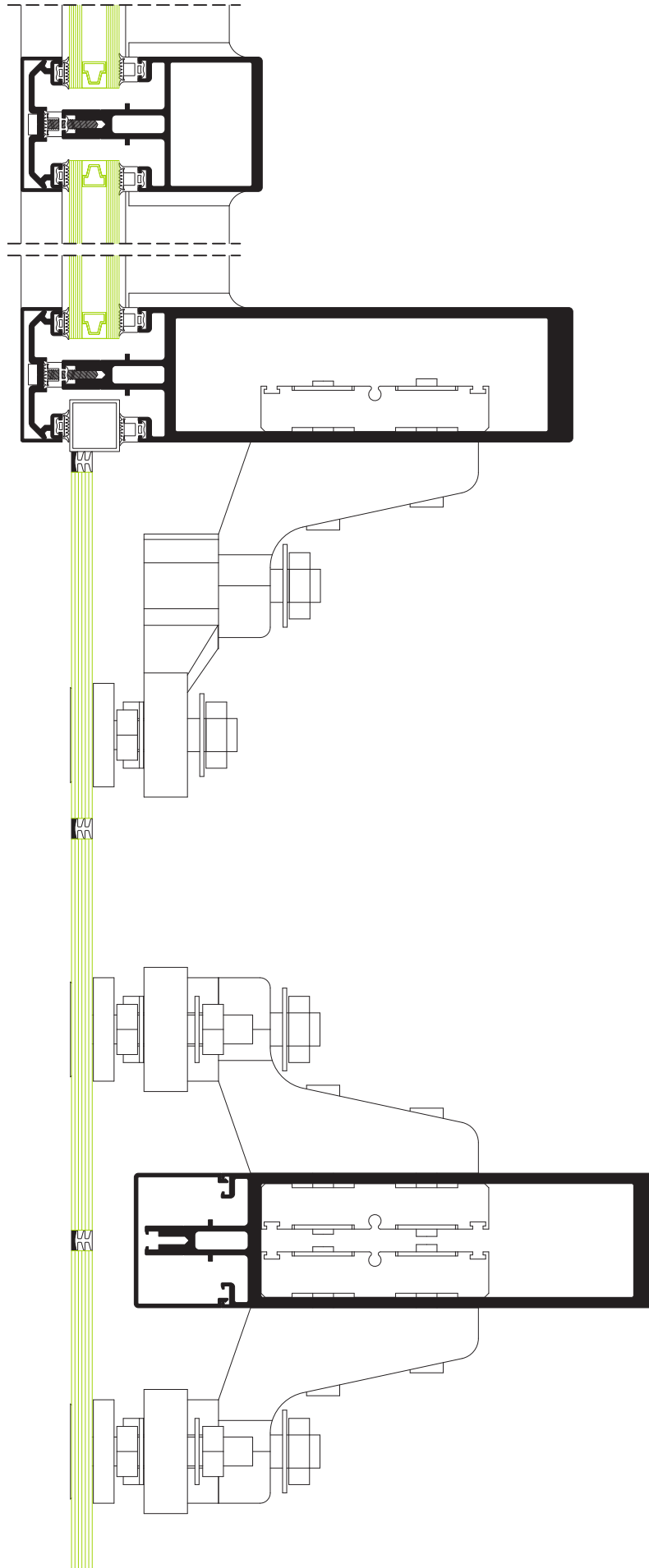
Secção A-A'

Pormenor canto 90°



Secção B-B'

Pormenor horizontal



Secção A-A'



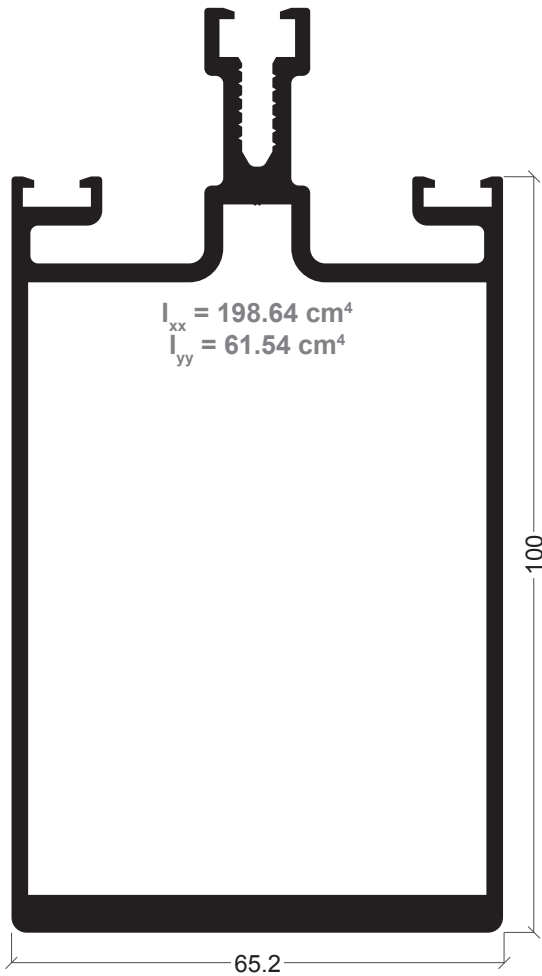
**Sistema
Ergolux**

Sistema Ergolux

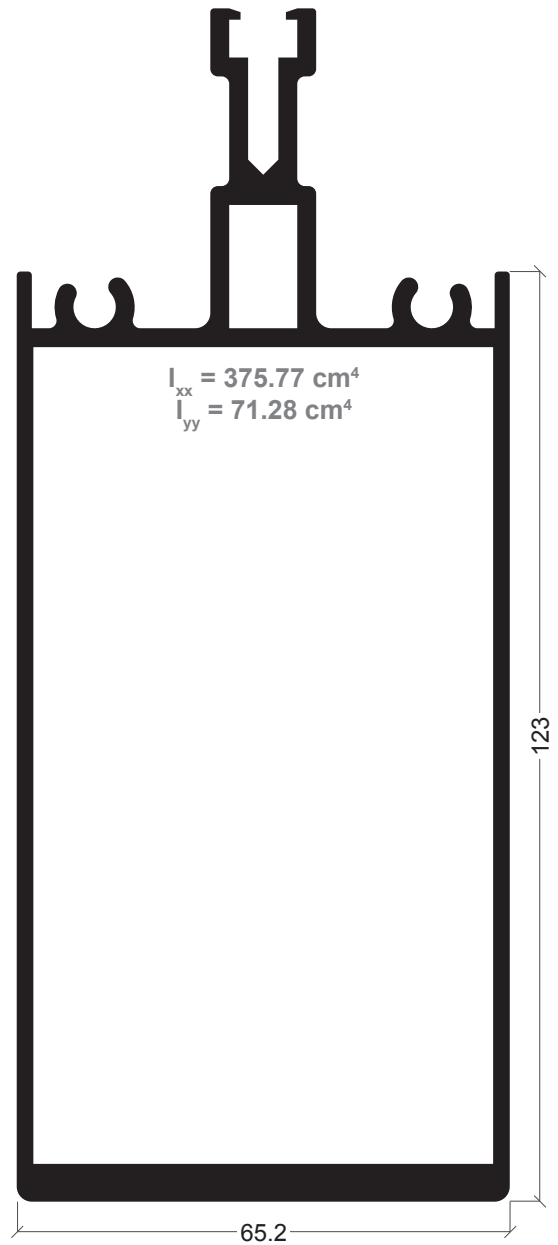
Características

Este sistema utiliza o princípio fundamental de canais de drenagem e ventilação dos sistemas de fachada. Complementa-se com perfis que permitem adoptar distintas soluções, tanto em clarabóias como em varandas. Podem assim gerar-se novos espaços com grande luminosidade.

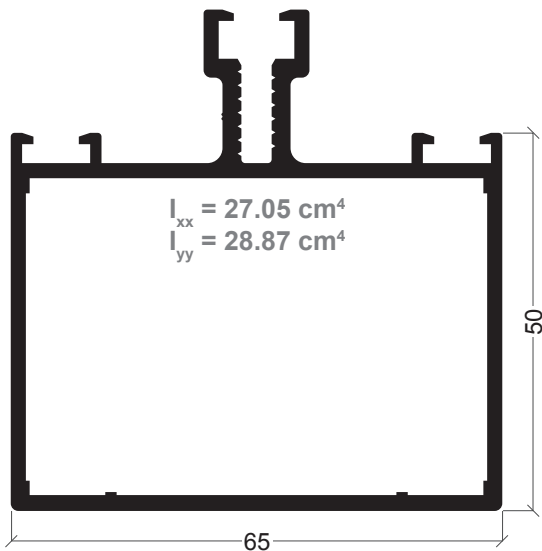
Os perfis deste sistema têm uma secção visível interior de 65 mm, enquanto que a sua profundidade varia segundo as necessidades do cálculo estático (estrutura portante, carga de neve, zona eólica, etc.) Do mesmo modo, existe uma grande gama de capas pressionantes do vidro com várias possibilidades de ajuste, permitindo assim que se consigam os ângulos necessários para cada caso. Este sistema, aplicado em coberturas ou solários, contém perfis de ligação com e sem rotura térmica, que permitem a utilização de qualquer tipo de abertura. A total estanquidade do sistema é garantida pelo conjunto de juntas em EPDM, resistentes aos agentes atmosféricos.



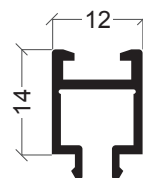
FL-41
Montante 100 mm



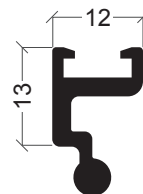
FL-56
Montante regulável



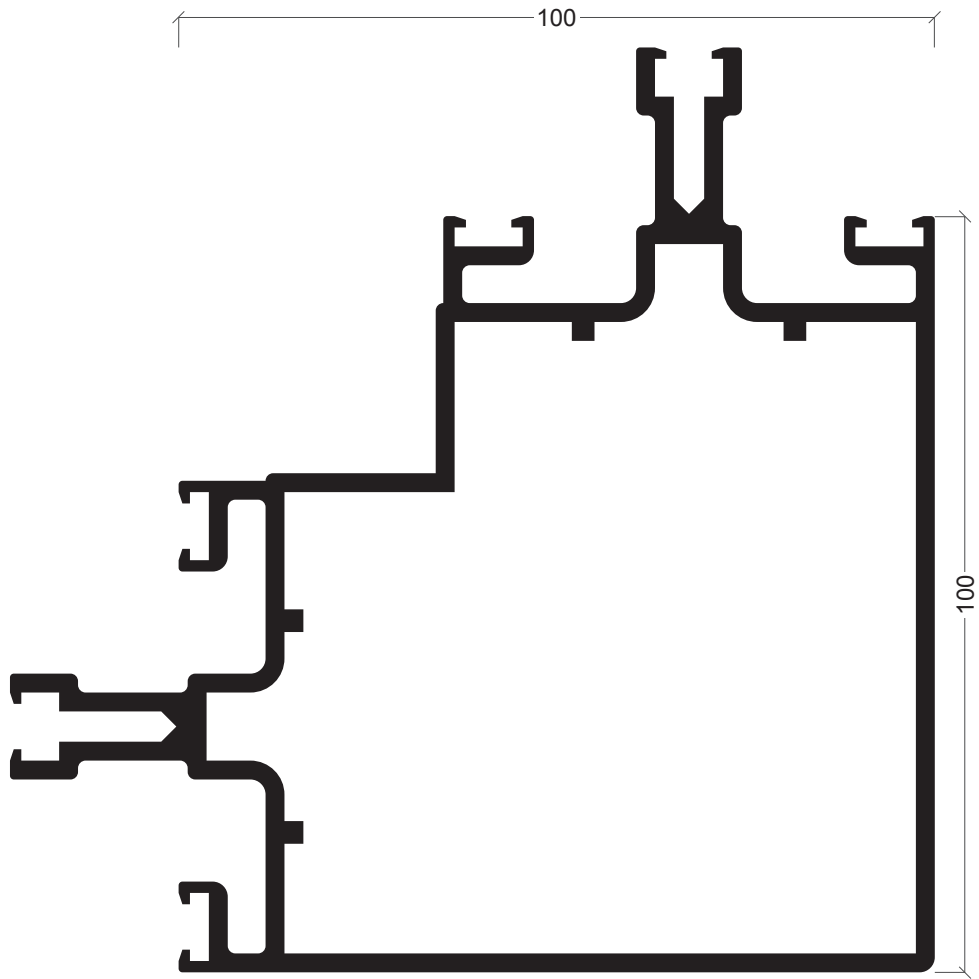
FL-42
Travessa



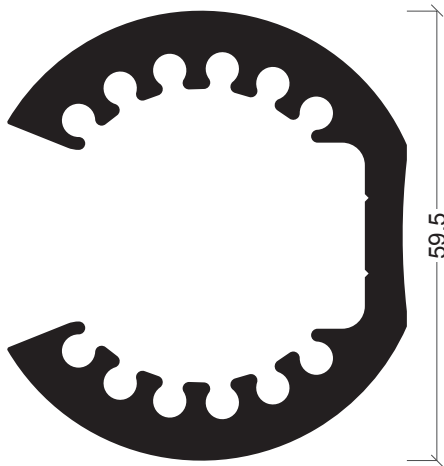
FL-32
Suplemento



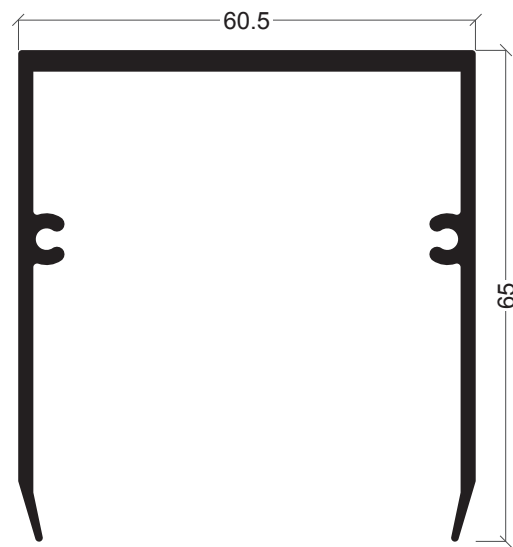
FL-23
Porta vedante regulável



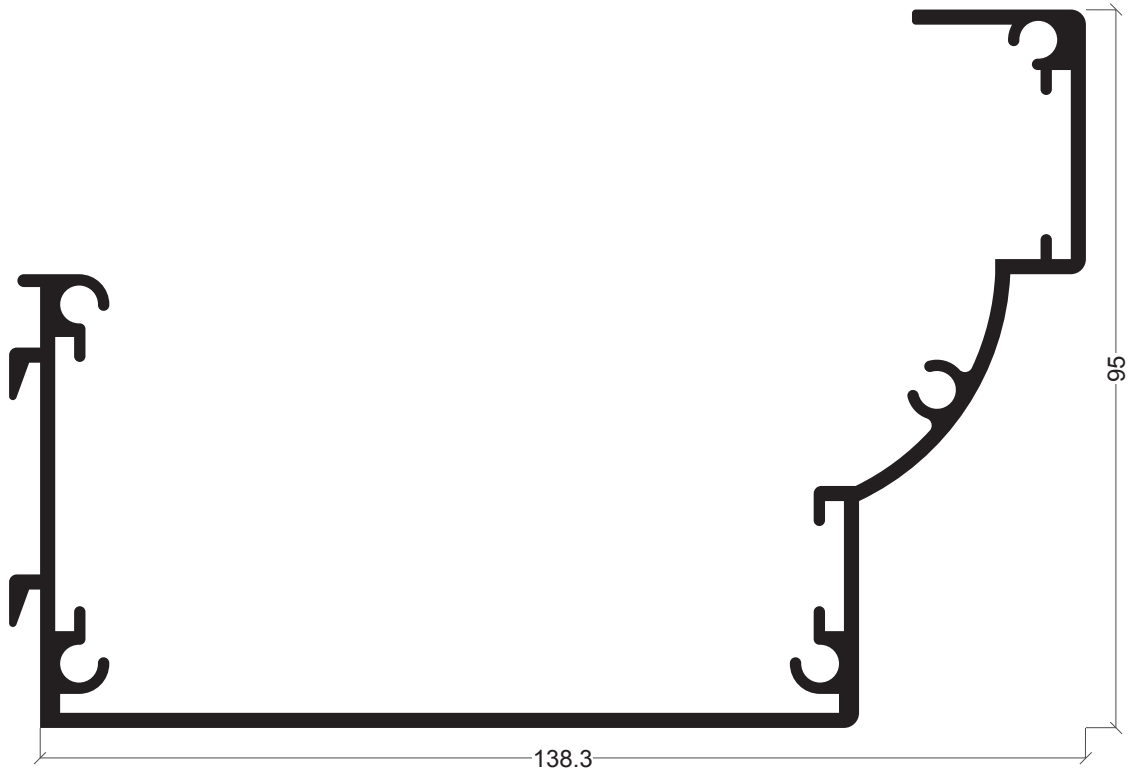
FL-43
Esquina 90°



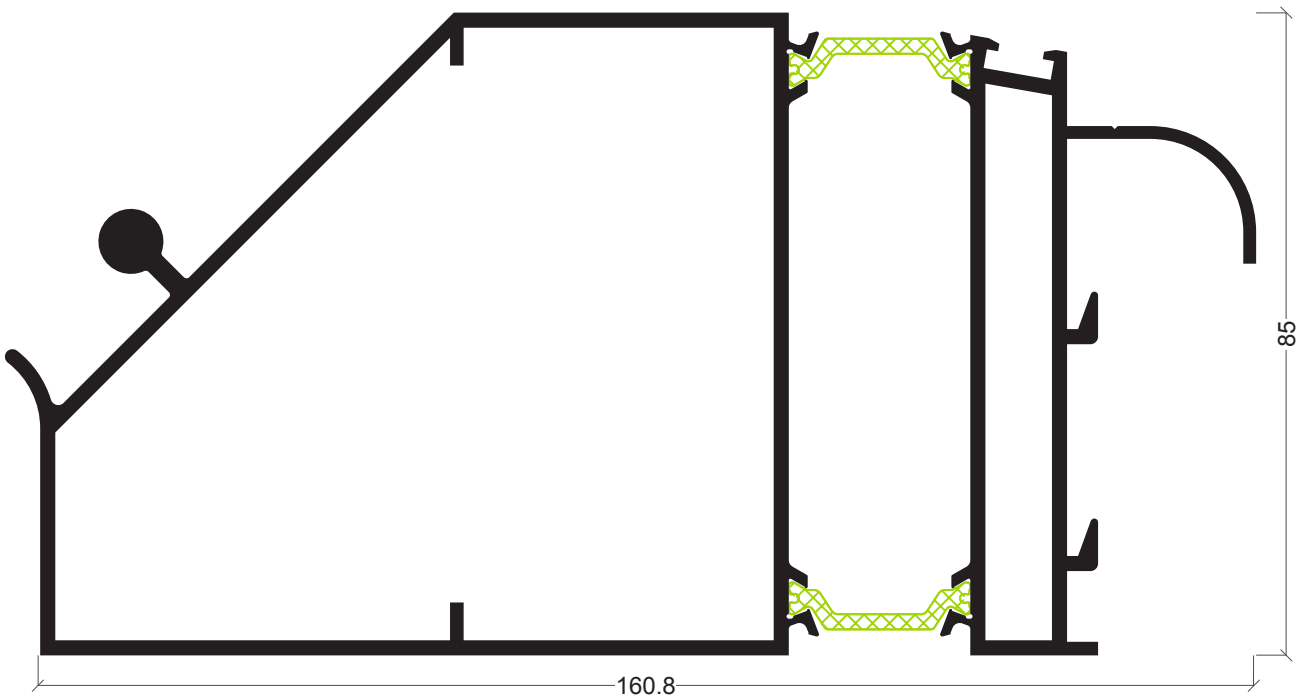
FL-69
Topo de fixação



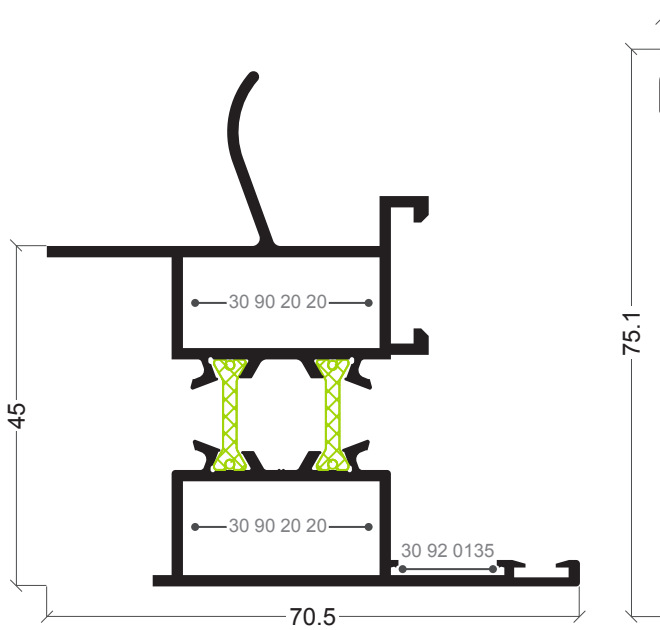
FL-68
Topo de travessa



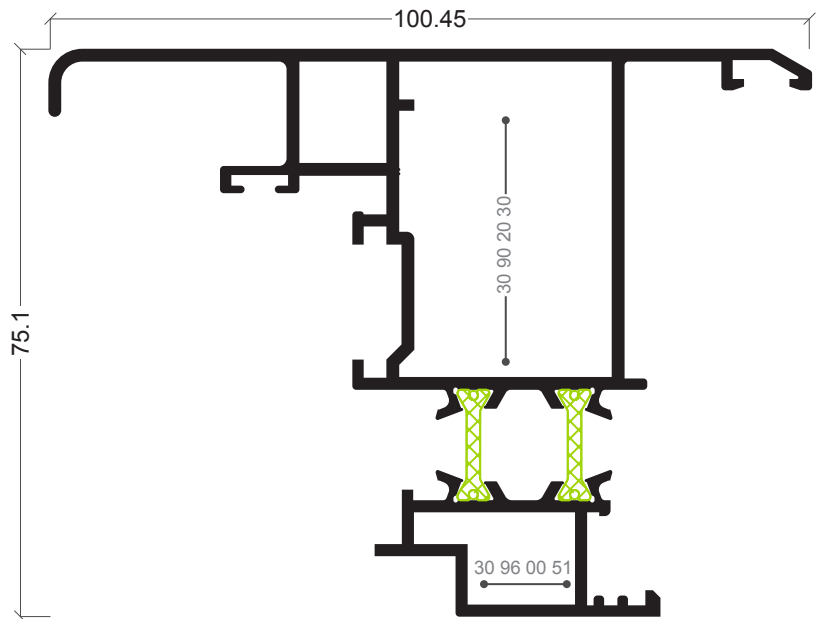
FL-57
Caleira



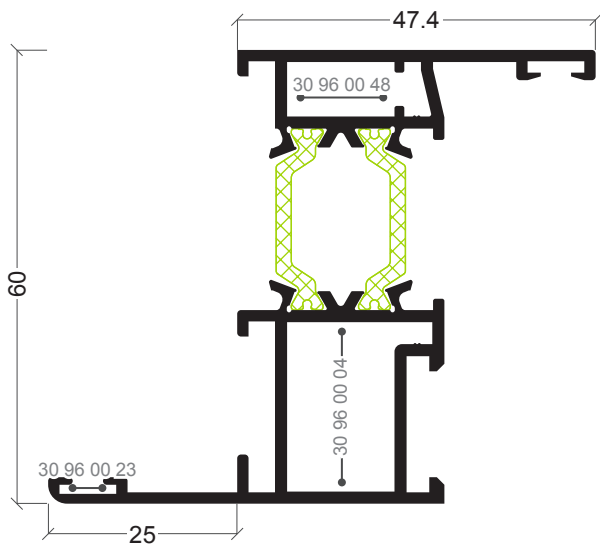
FL-60
Porta basculante inferior



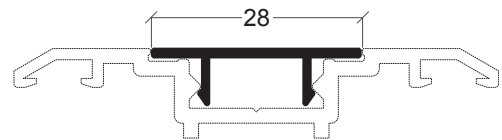
FL-65
Aro fixo claraboia



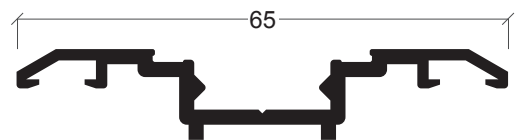
FL-64
Aro móvel claraboia



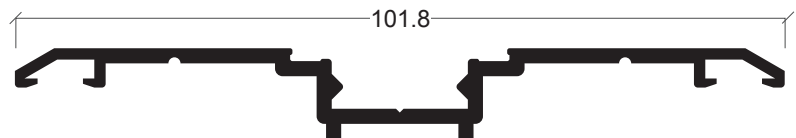
ARI-35
Aro fixo com remate 25 mm



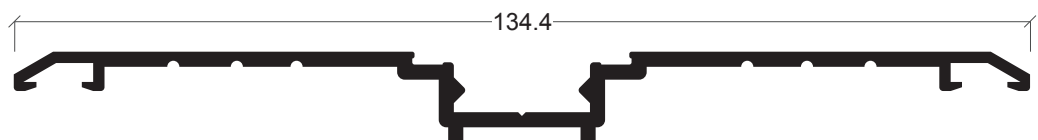
FL-66
Tampa



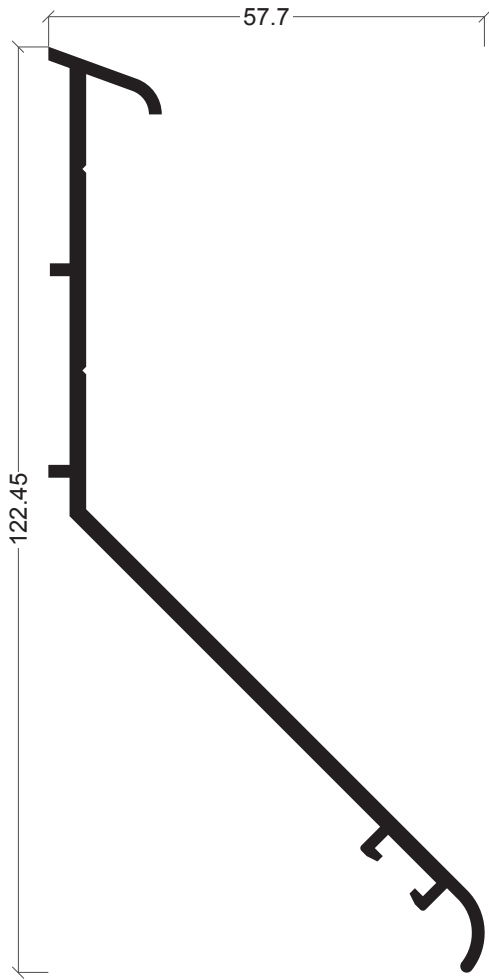
FL-44
Contra tampa



FL-59
Contra tampa (quinar em bruto)



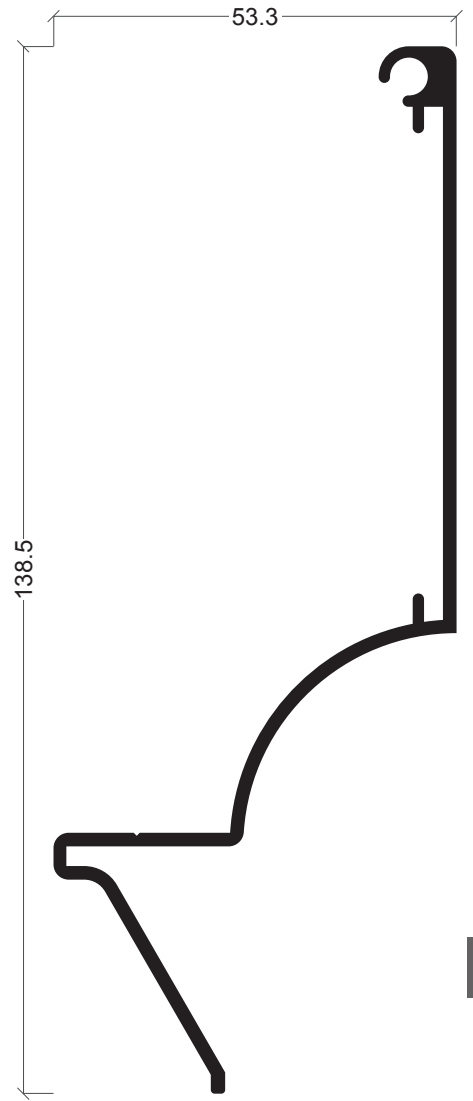
FL-67
Contra tampa (quinar em bruto)



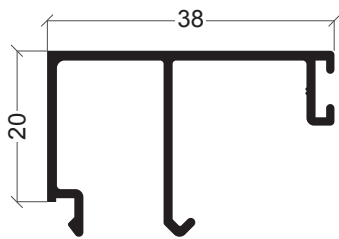
FL-63
Pingadeira superior



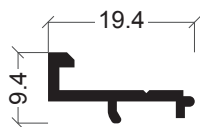
FL-62
Suporte montante basculante



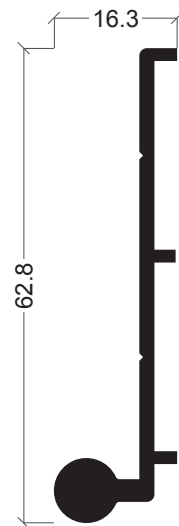
FL-58
Suplemento caleira



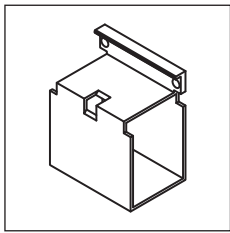
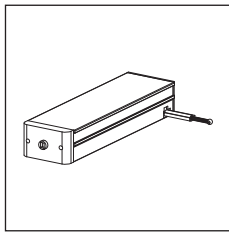
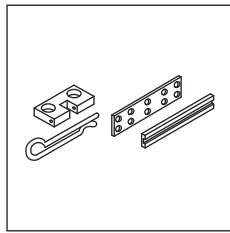
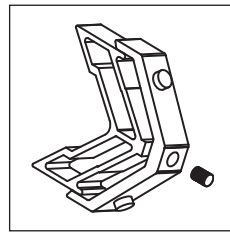
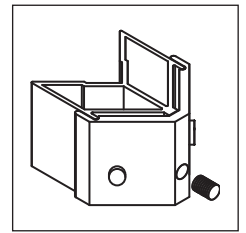
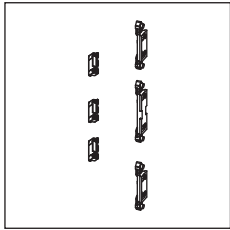
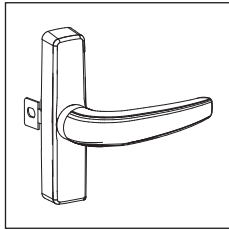
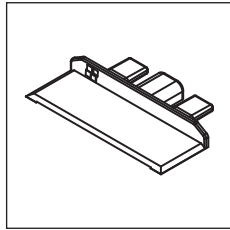
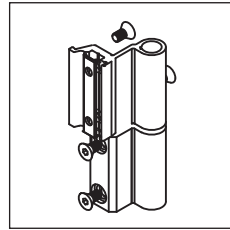
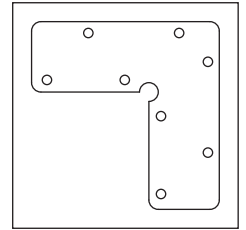
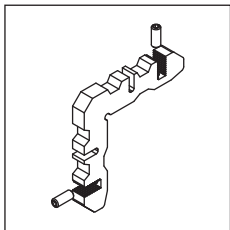
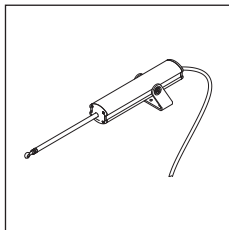
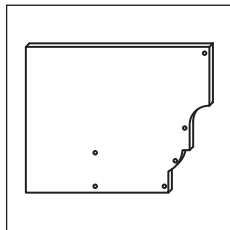
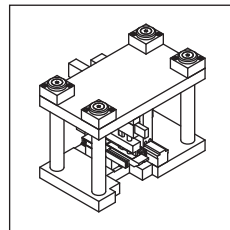
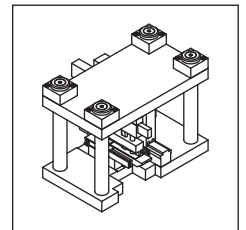
AX-32
Bite



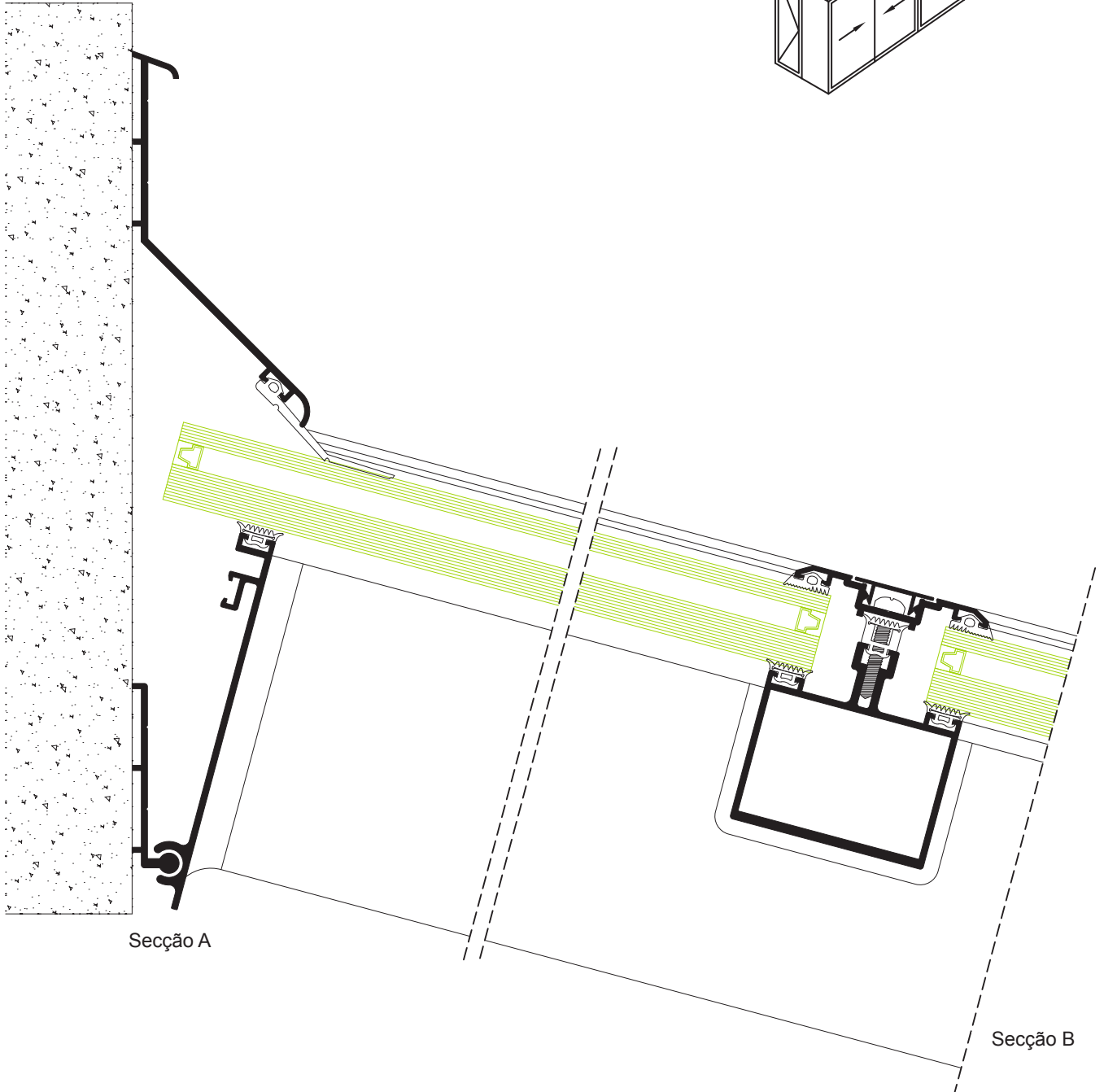
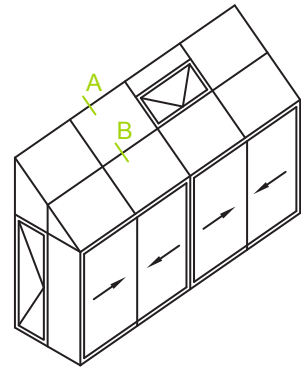
ARi-29
Apoio bite

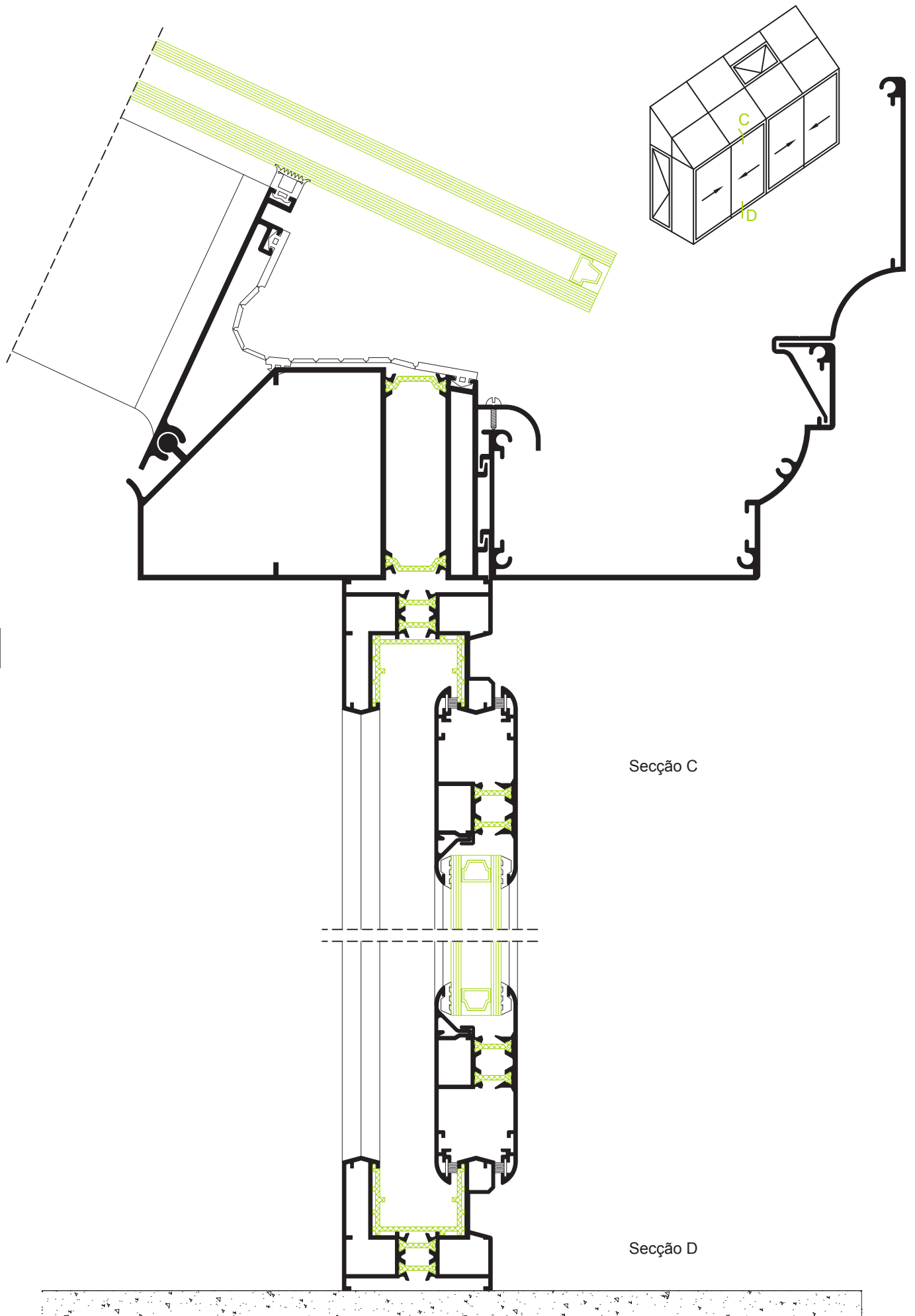


FL-61
Porta basculante superior


30 00 90 66
Topo travessas

30 00 95 75
Motor abertura exterior
(60 kg - L < 1.4 mt)

30 00 95 77
Conjunto de transmissão
projectante

30 90 20 20
Esquadro aro fixo
claraboia

30 90 20 30
Esquadro aro móvel
claraboia

30 90 20 40
Transmissão abertura
claraboia

30 90 20 50
Puxador claraboia

30 90 20 61
Topo de remate Ergolux
preto

30 92 00 20/21
Dobradiça C.E. branco/
preto

30 92 01 35
Esquadro alinhamento

30 96 00 51
Esquadro de alinhamento
11.9 x 14 c/ parafusos

31 15 10 84
Motor eléctrico pistão
(80 kg - L < 1.5 mt)

31 90 20 10
Topo para caleira em
alumínio

33 23 19 99
Cunho XP

33 96 87 99
Cunho esquadro interior
e exterior ARI/AKi

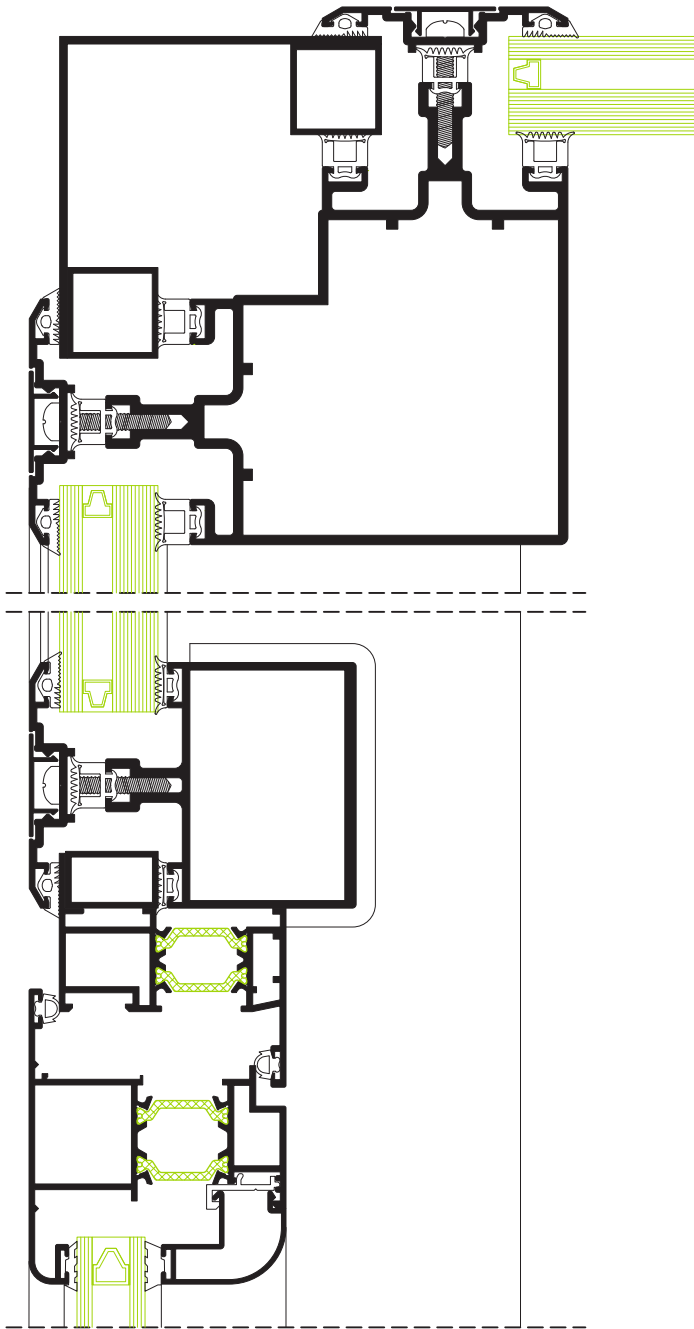
Referência	Desenho	Descrição
30 00 95 01	11	Junta interior montante Junta central montante e travessa
30 00 95 03		Junta central (montante e travessa)
30 00 95 05	5	Junta interior de travessa
30 00 95 06	7	Junta central montante e travessa
30 00 95 07	13	Junta central montante e travessa
30 00 95 08	15	Junta central montante e travessa
30 00 95 10		Junta de estanquidade travessa FL-42
30 00 95 76	9	Junta central montante e travessa
30 90 20 80		Junta exterior sistema ergolux
30 90 20 90		Junta remate superior seccionável
30 96 00 18		Junta para FL-65





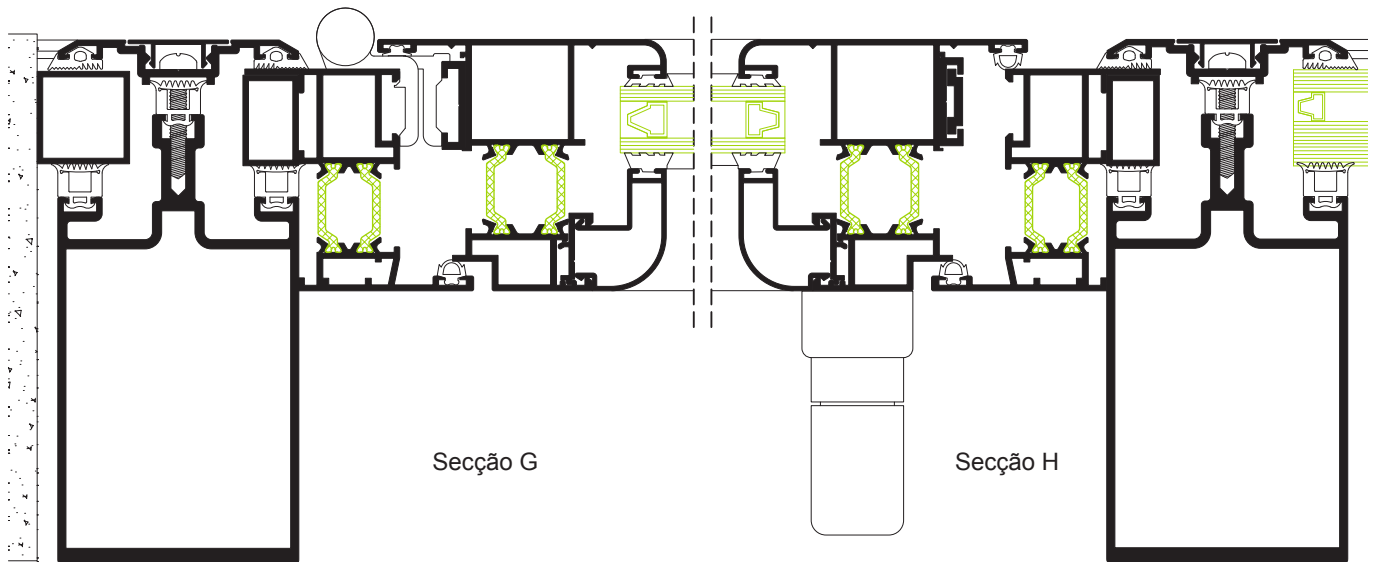
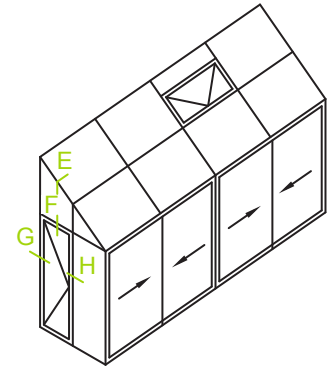
Secção C

Secção D



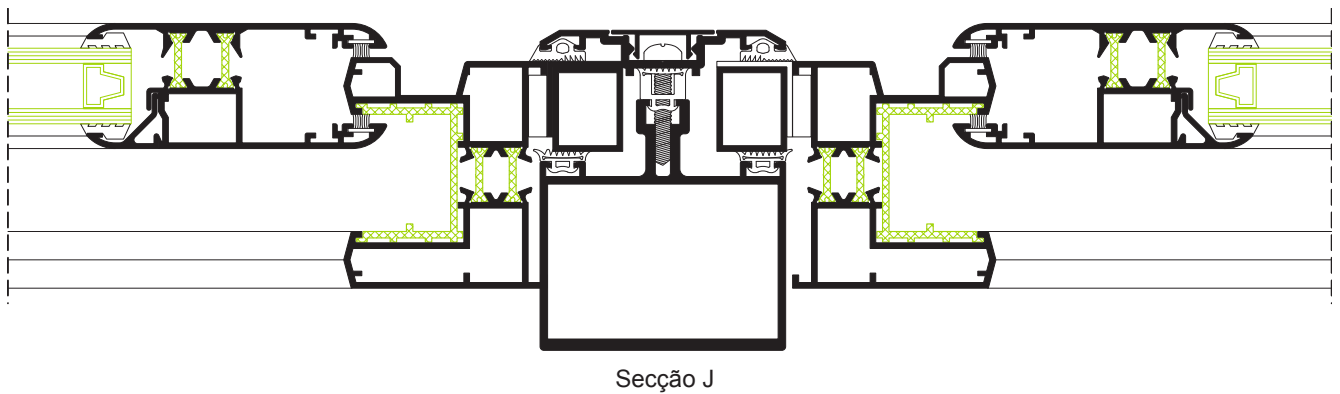
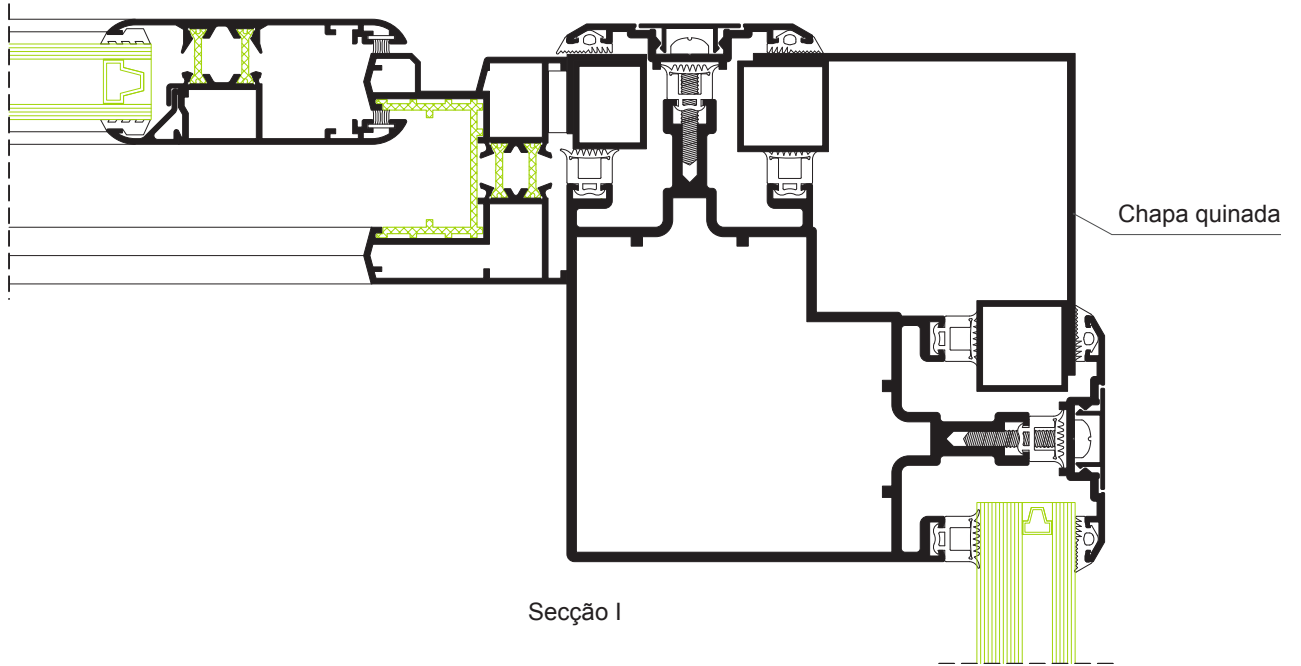
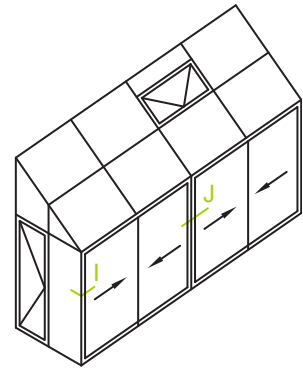
Secção E

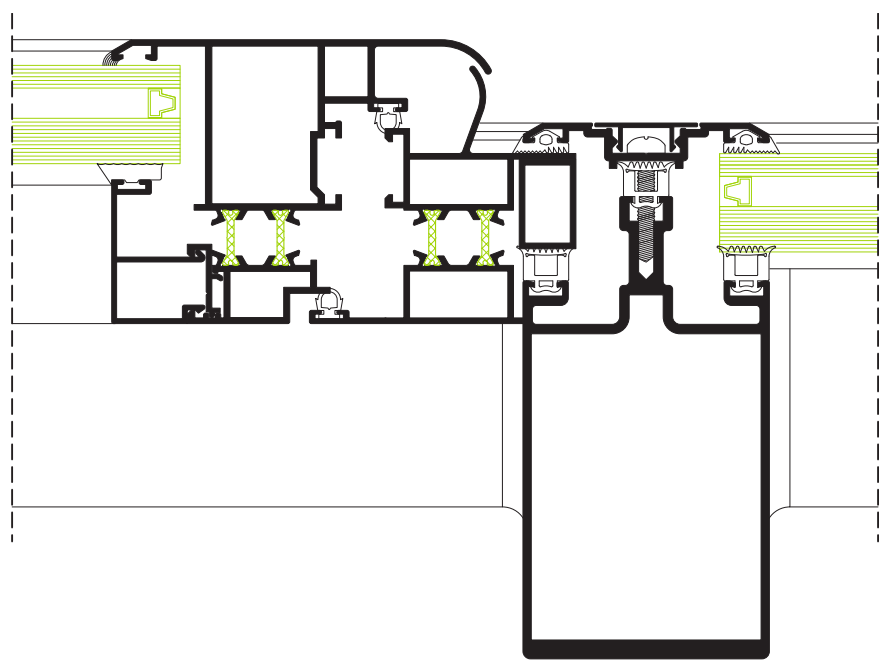
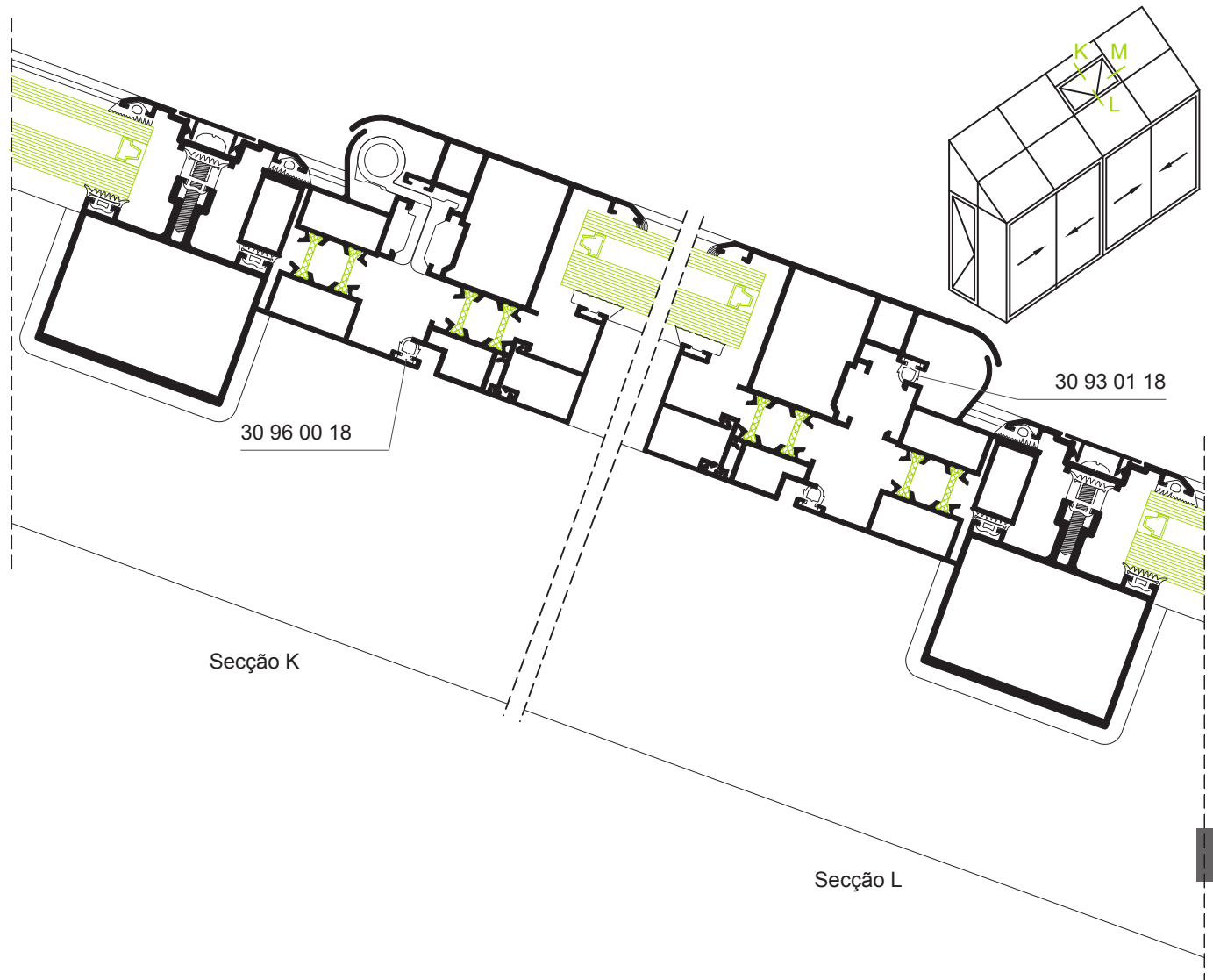
Secção F



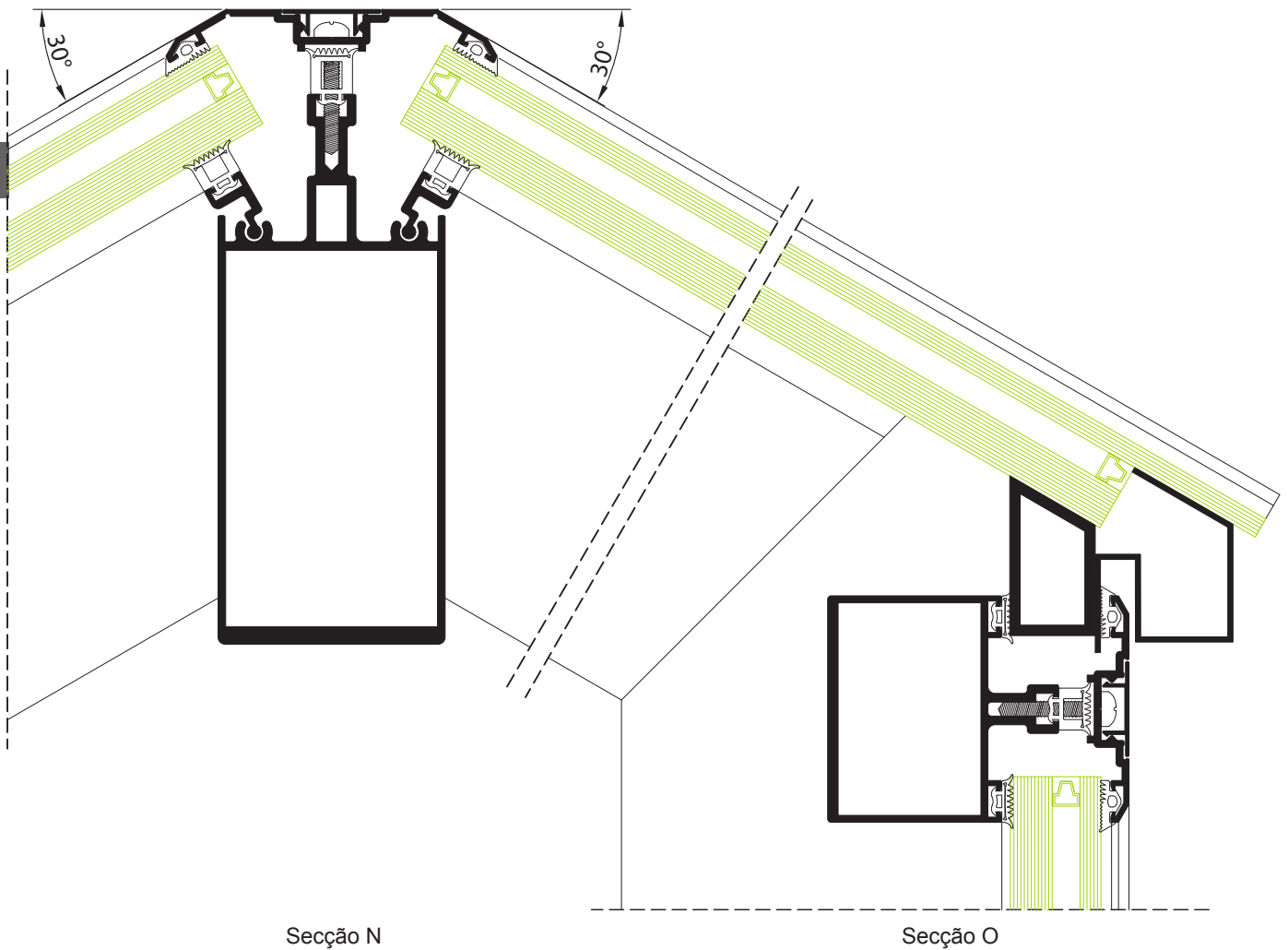
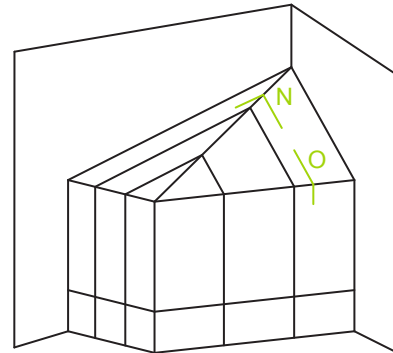
Secção G

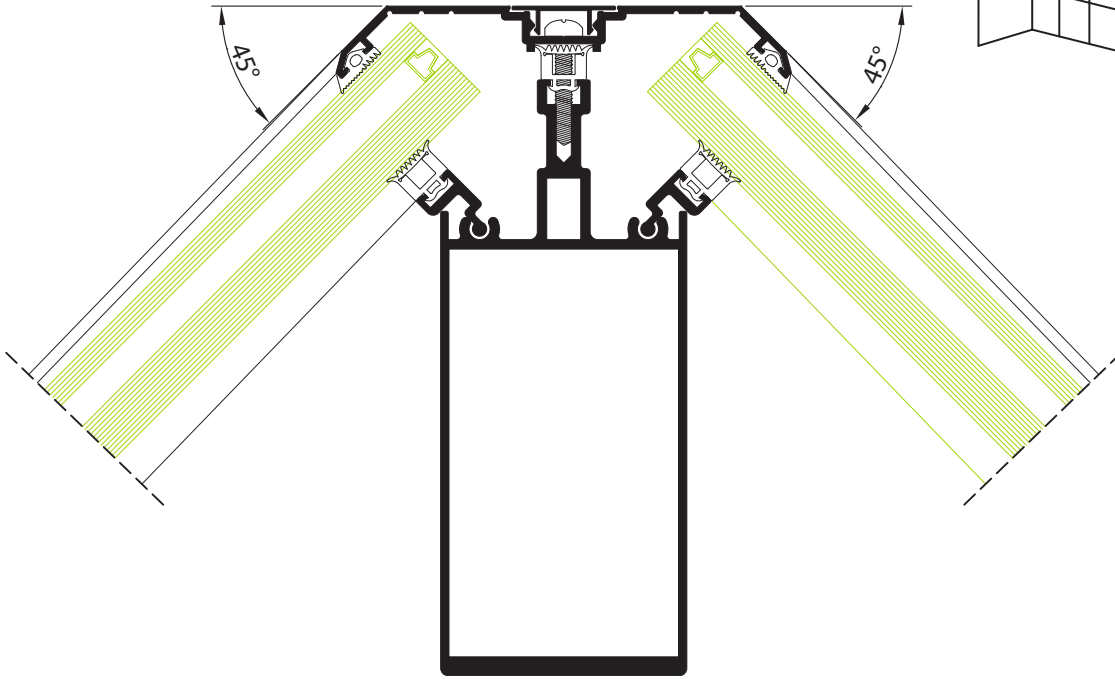
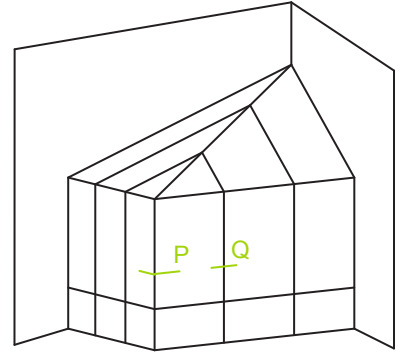
Secção H



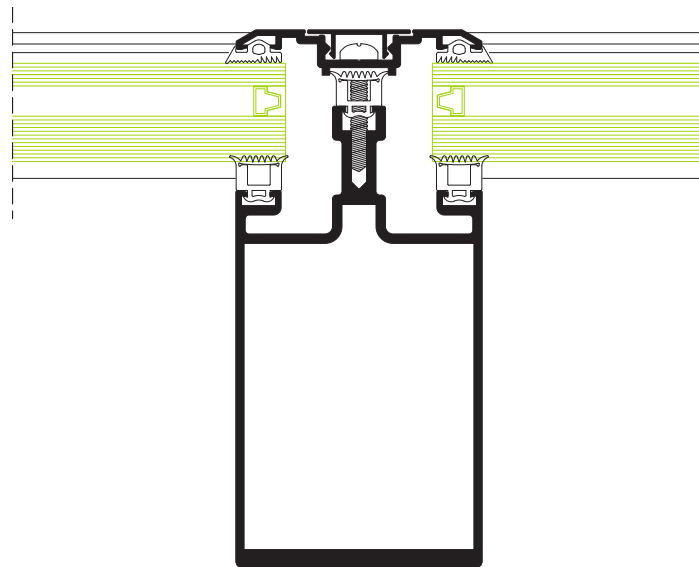


Secção M

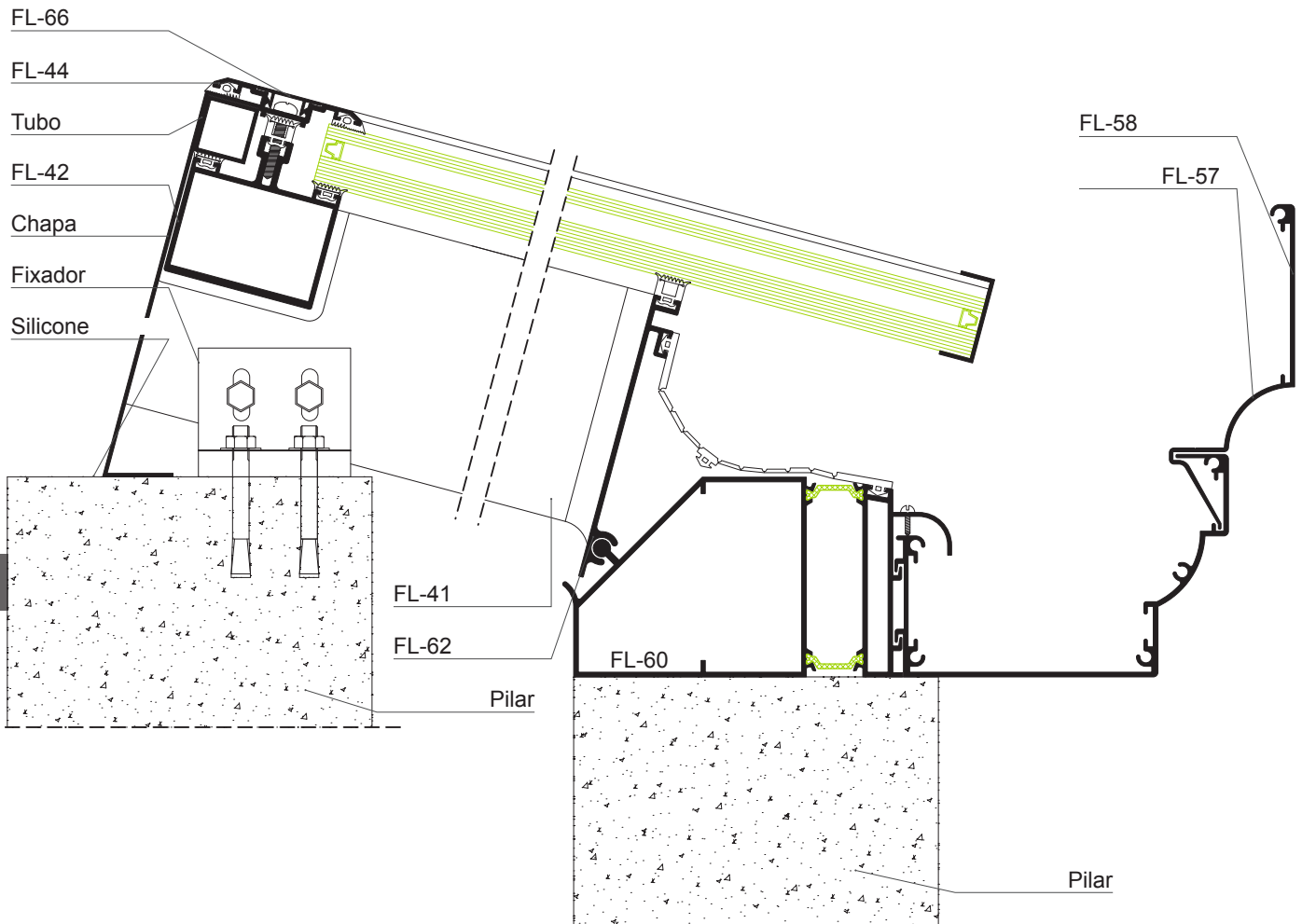


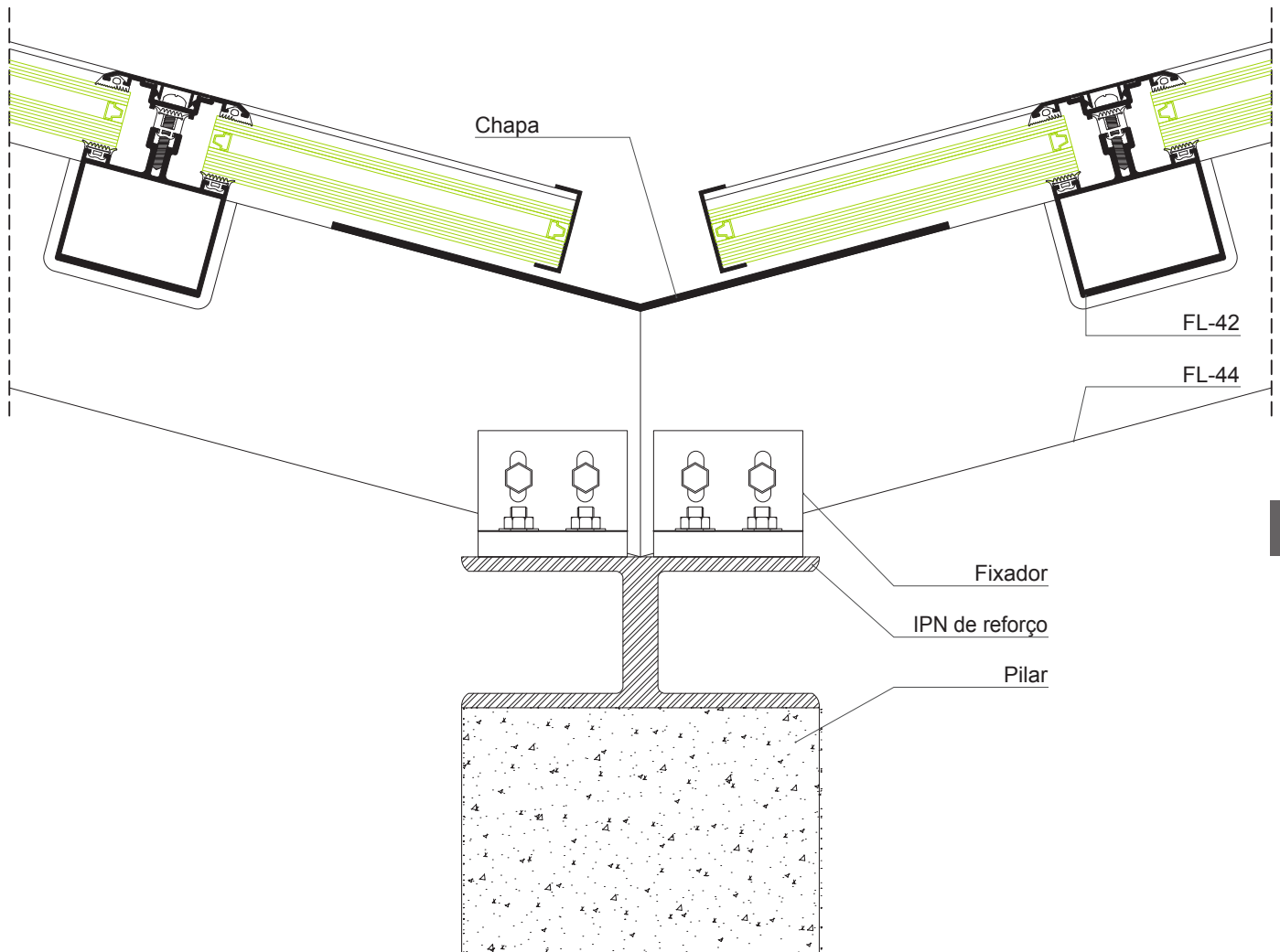


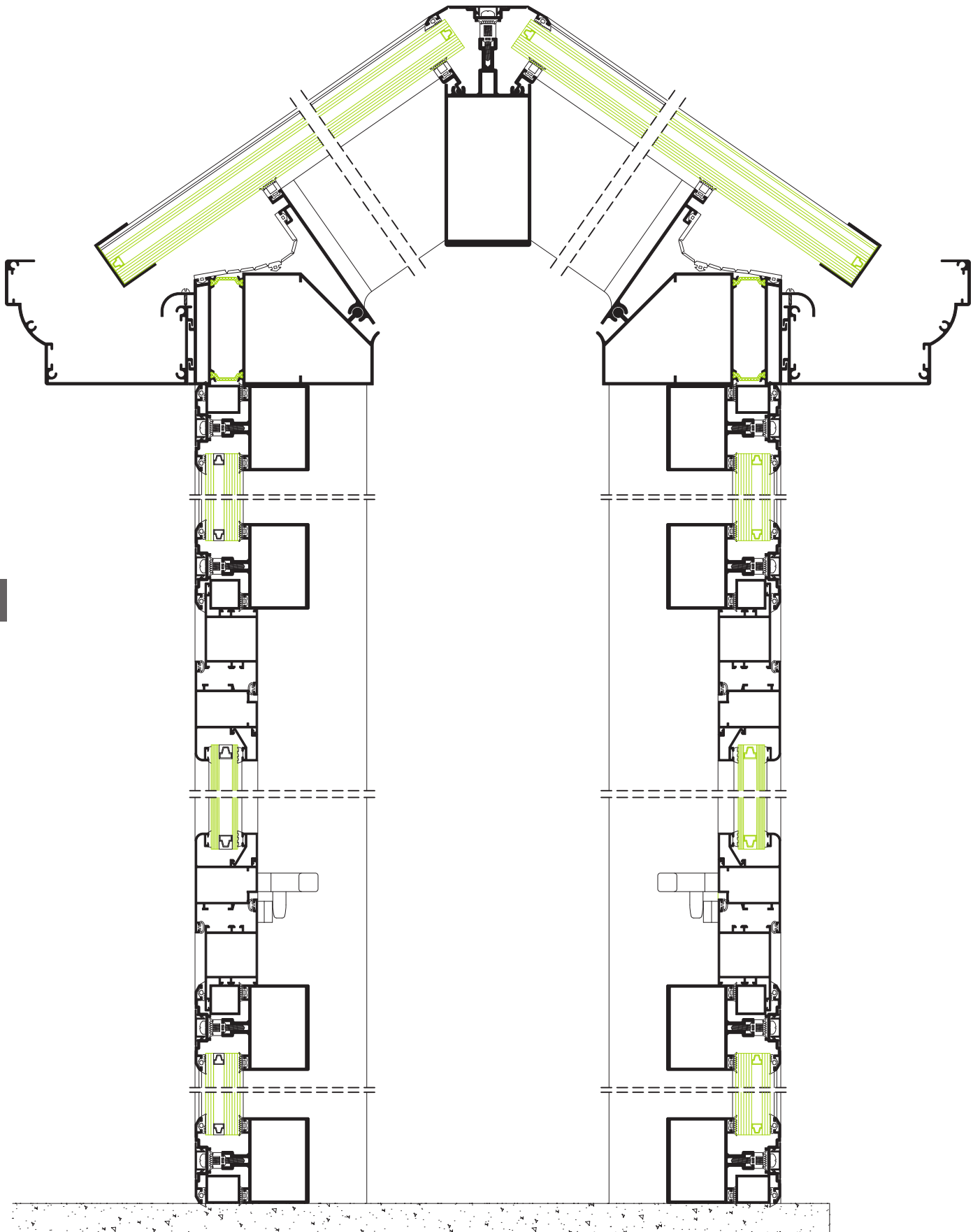
Secção P

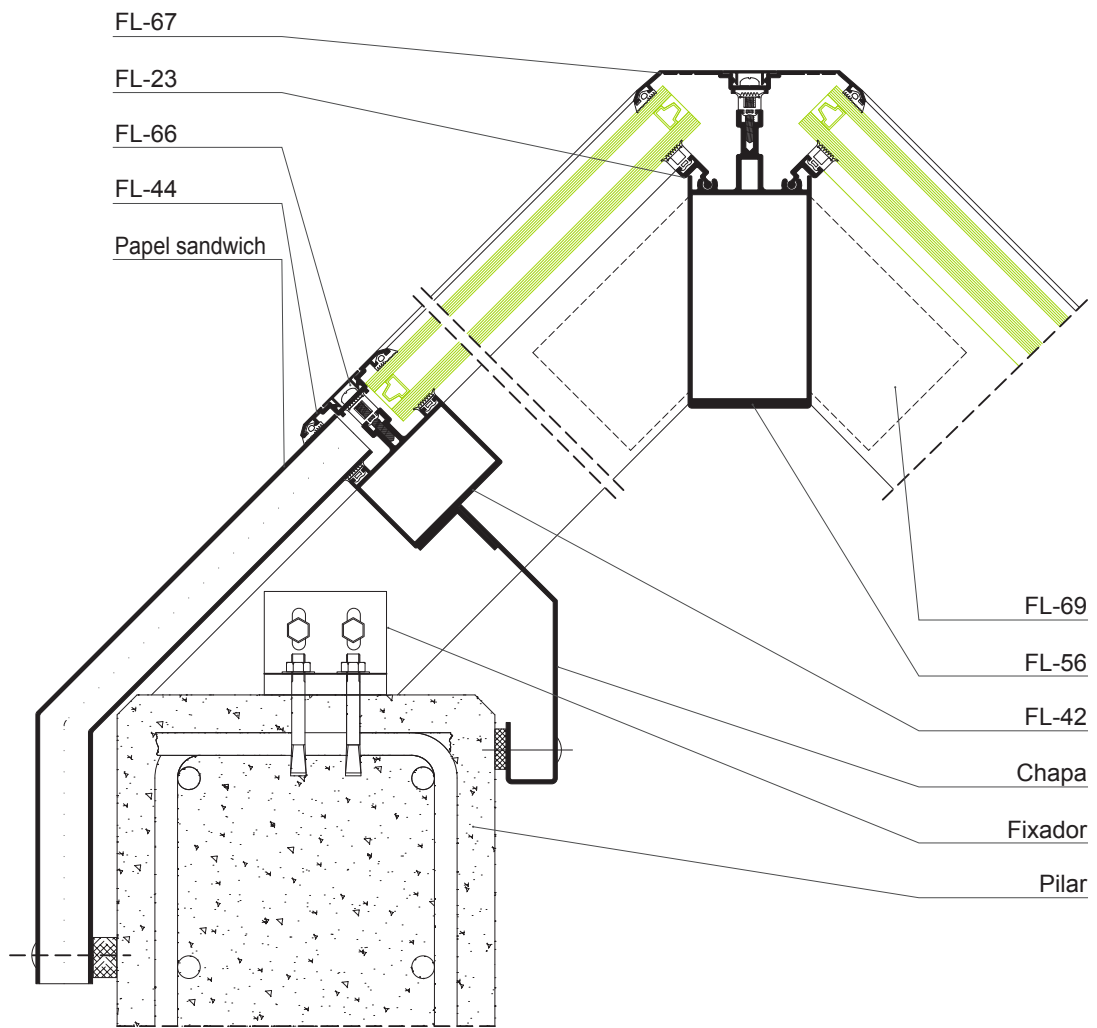


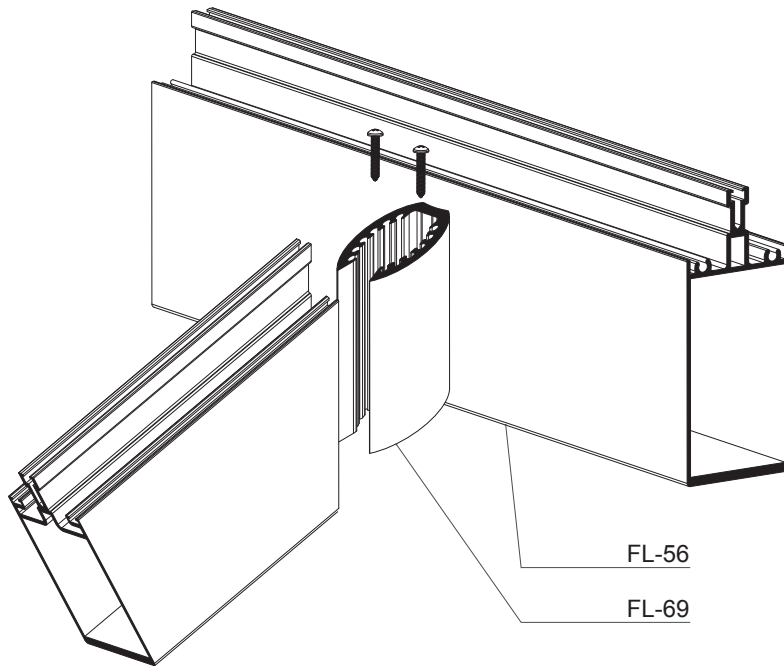
Secção Q



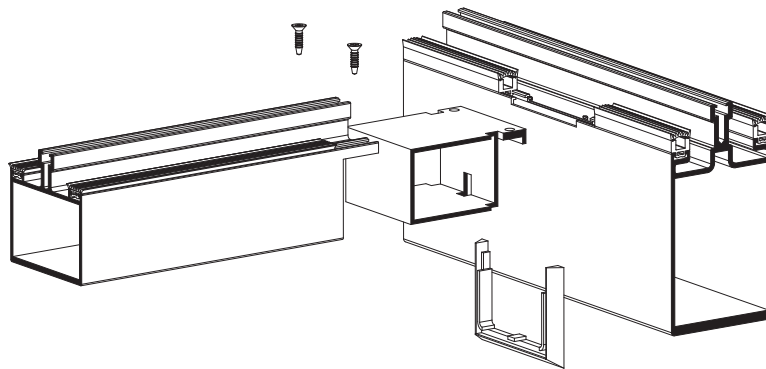




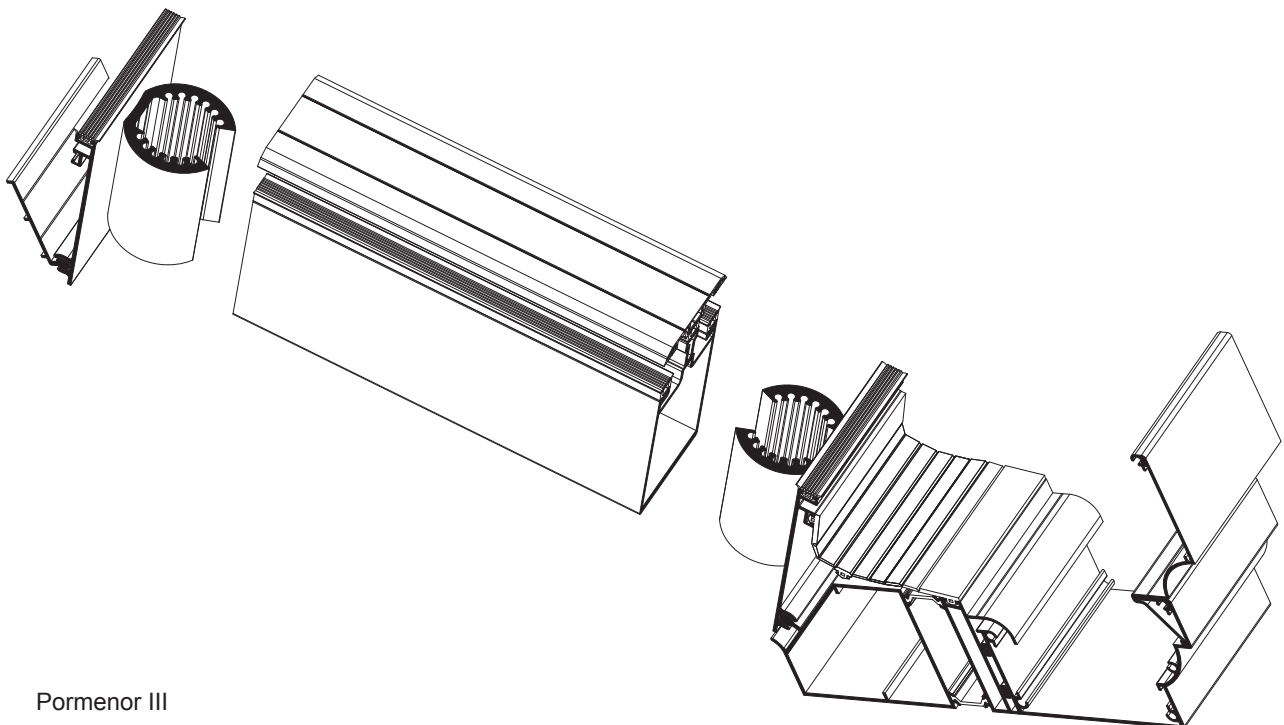




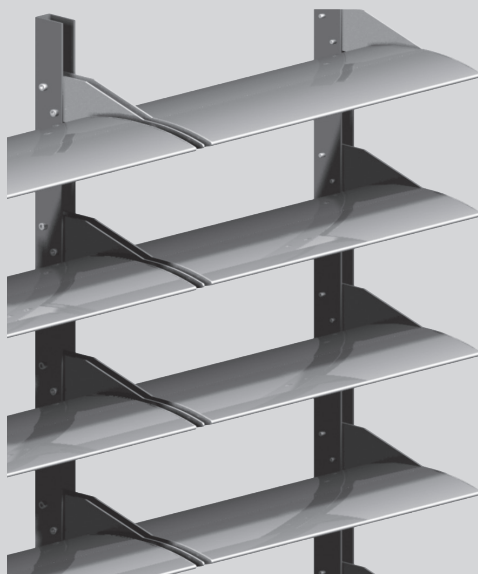
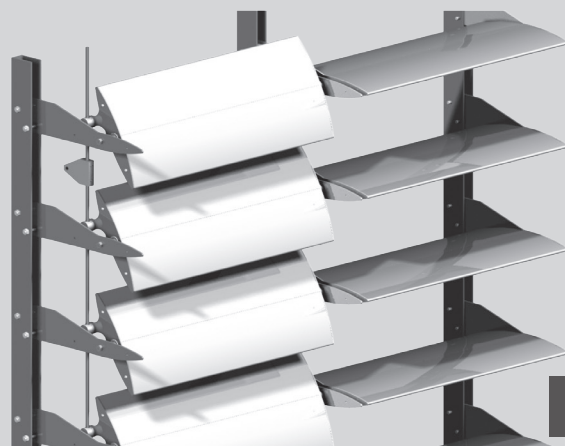
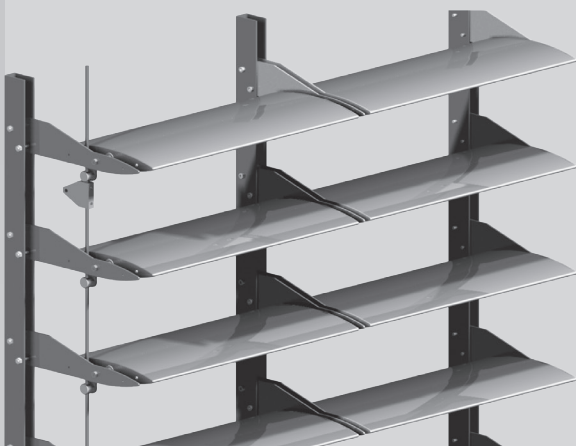
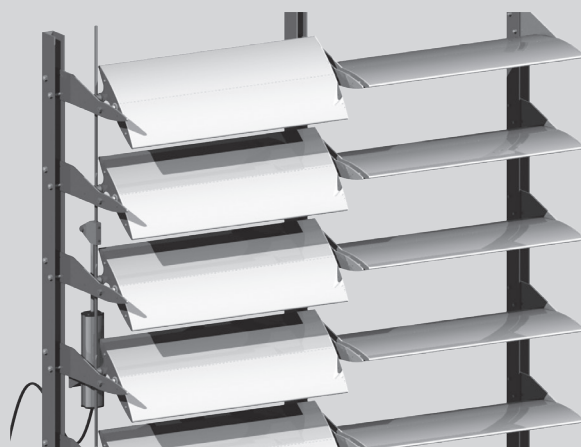
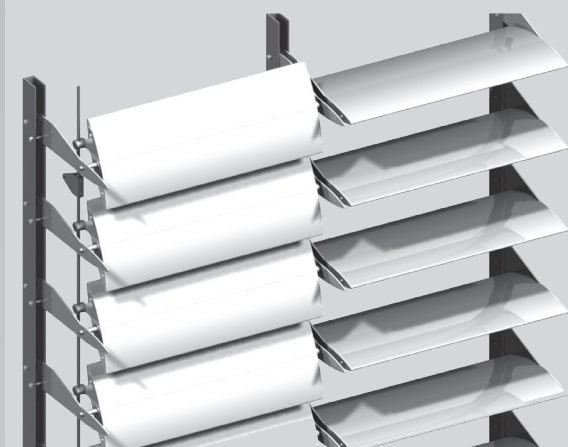
Pormenor I



Pormenor II



Pormenor III



**Lâminas
Quebra Sol**

Lâminas Quebra Sol

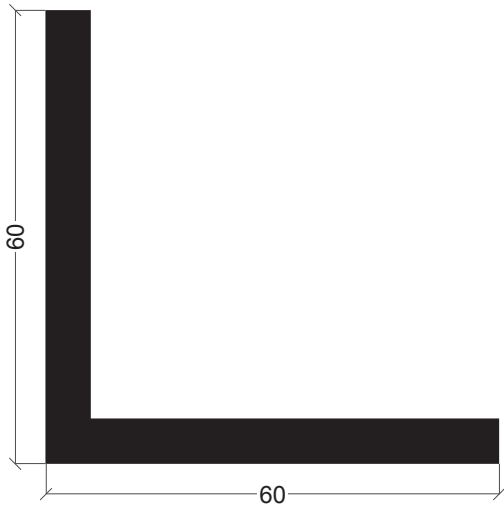
Características

Sistemas de alumínio preparados para montagem sobre fachadas que visam fazer o efeito quebra sol apresentando ao mesmo tempo uma forma estética.

Permitem a montagem nas seguintes formas:

- lâminas fixas;
- lâminas móveis.

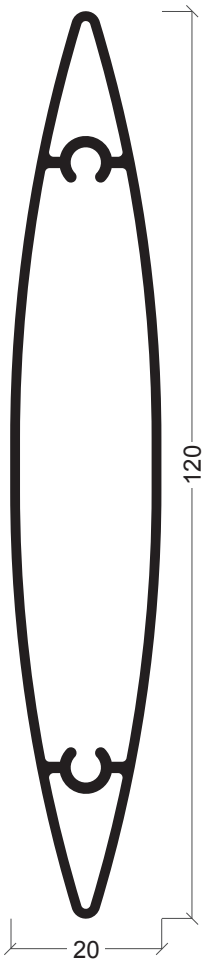
Os sistemas de lâminas móveis permitem um controle sobre a sua orientação através de um mecanismo manual ou motorizado em que ambos poderão ser comandados à distância. As lâminas quebra sol existem com as secções transversais de 120, 165, 250 e 345 mm com uma espessura média dos perfis de alumínio de 1.5 mm.



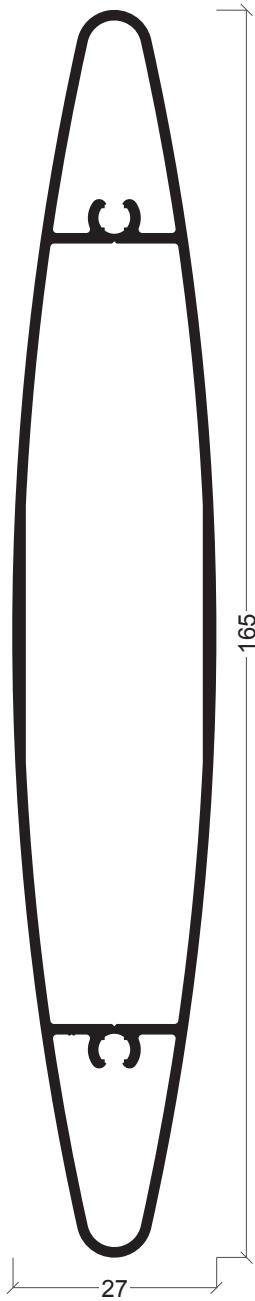
L-25



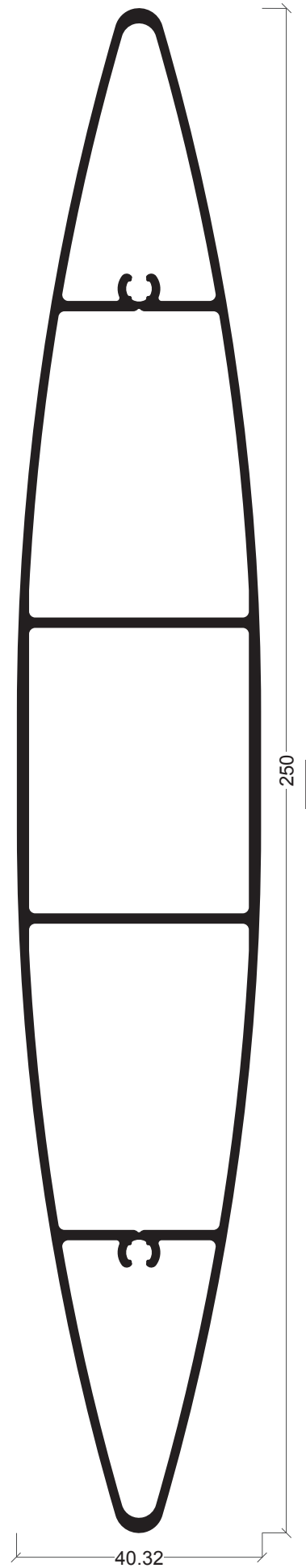
G-01



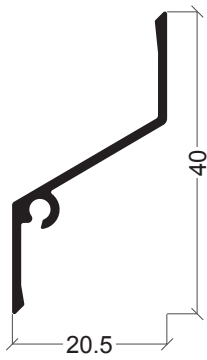
Z-58



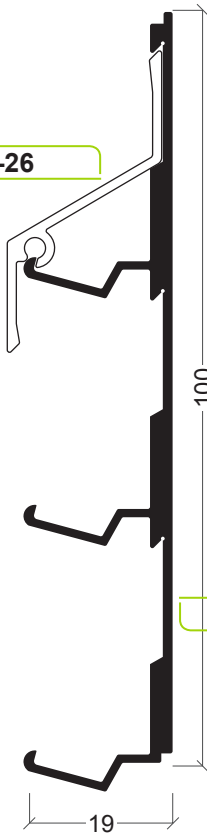
Z-68



Z-62



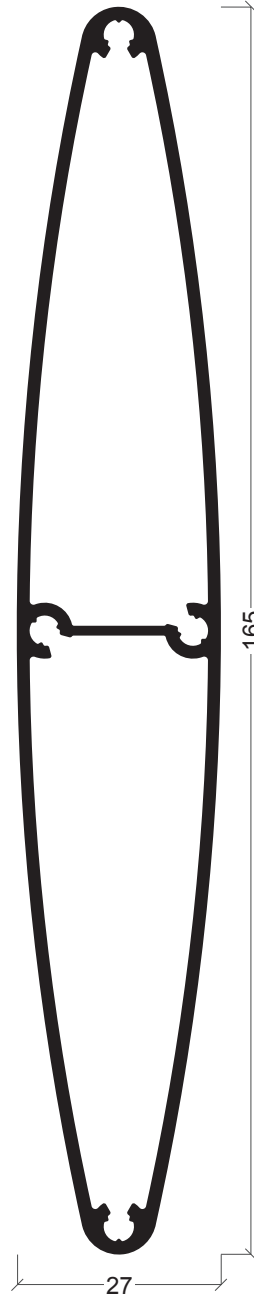
Z-26



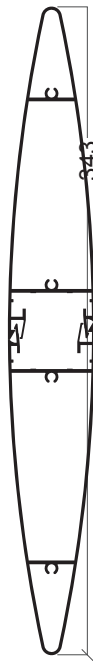
Z-26

Z-25

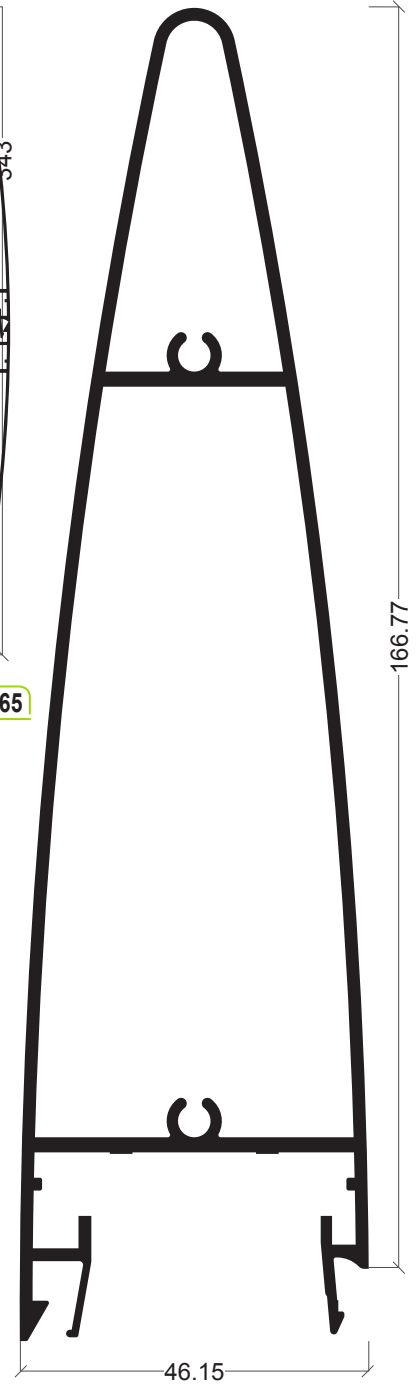
Z-25 + Z-26



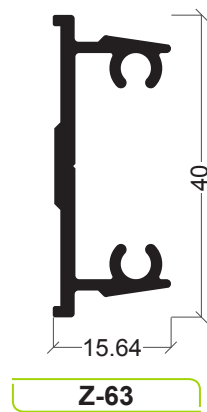
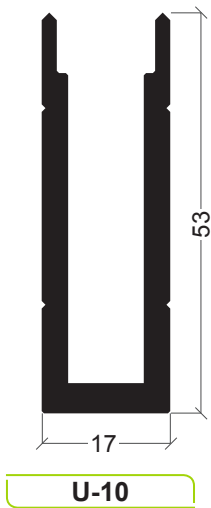
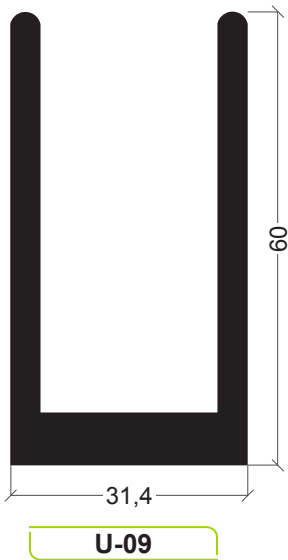
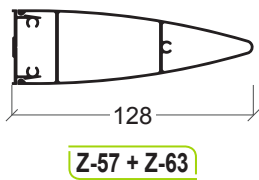
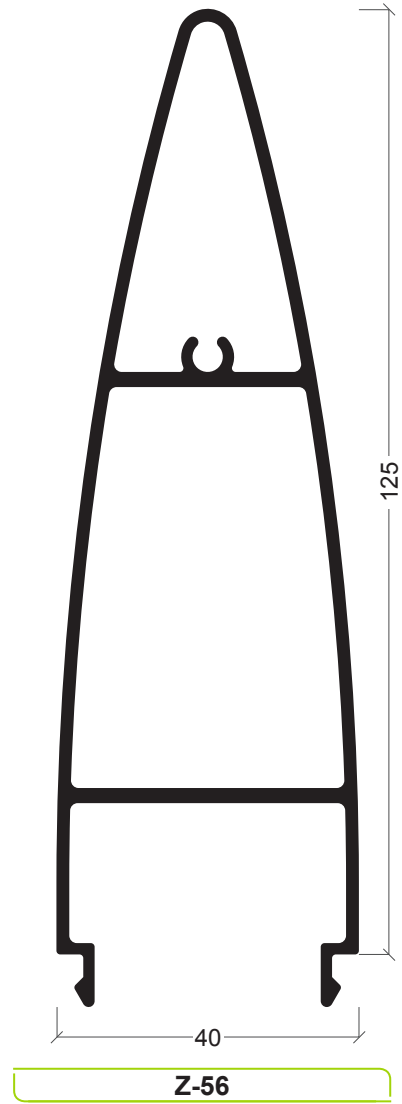
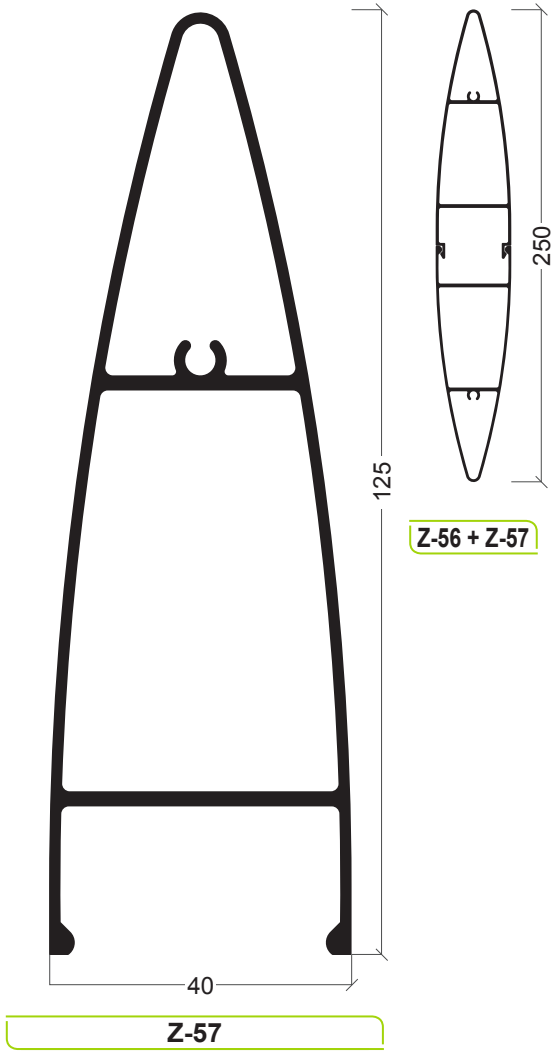
Z-64 (lâmina fixa)

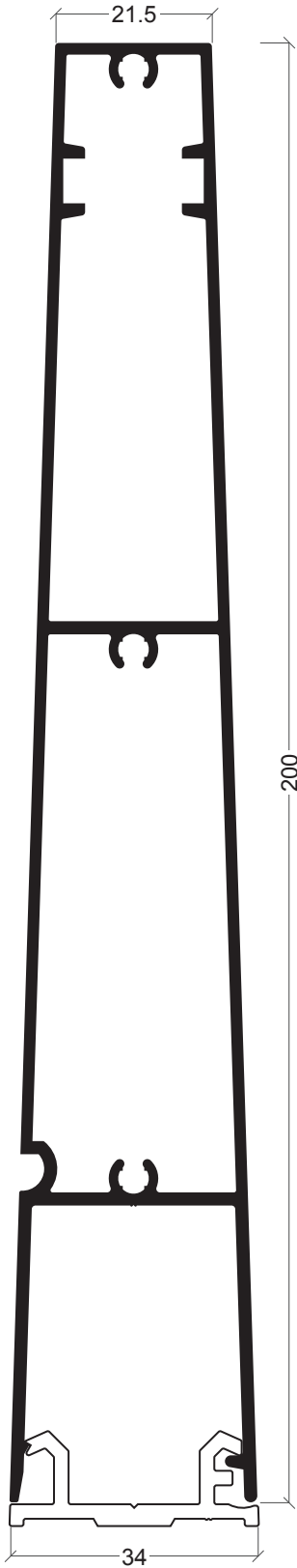


Z-65 + Z-65

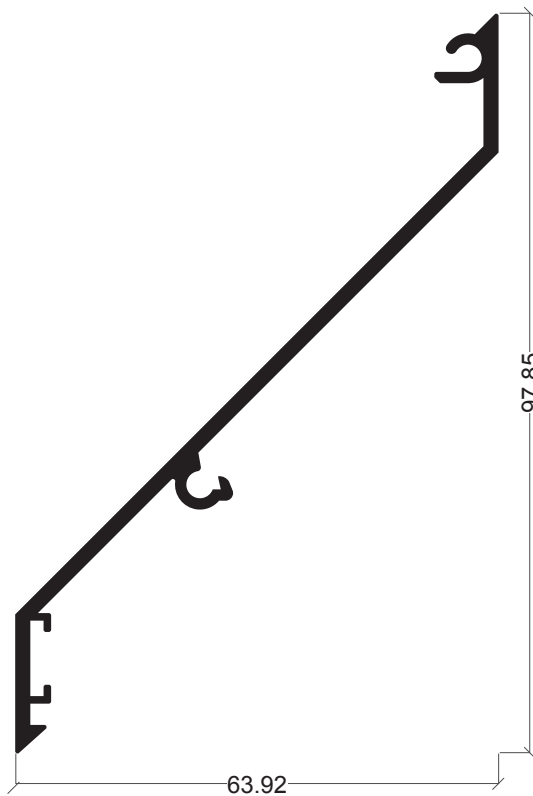


Z-65

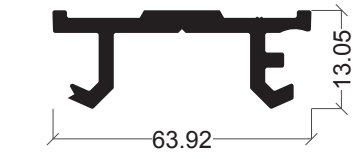




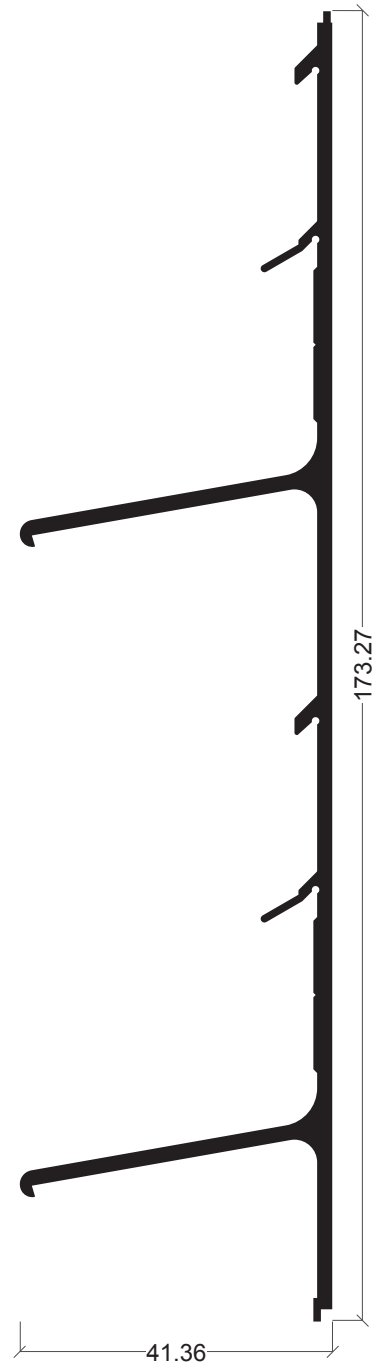
Z-67



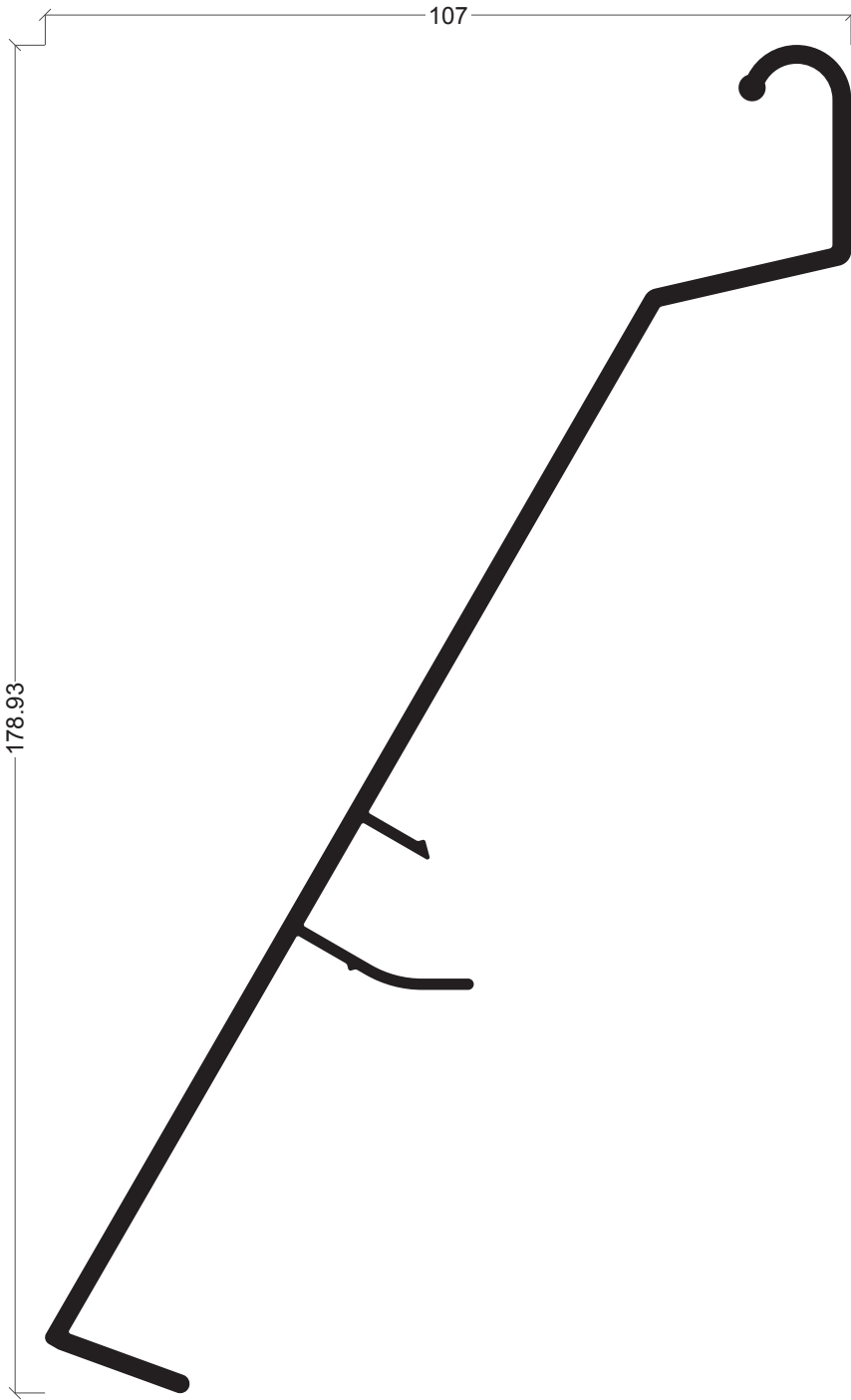
Z-24



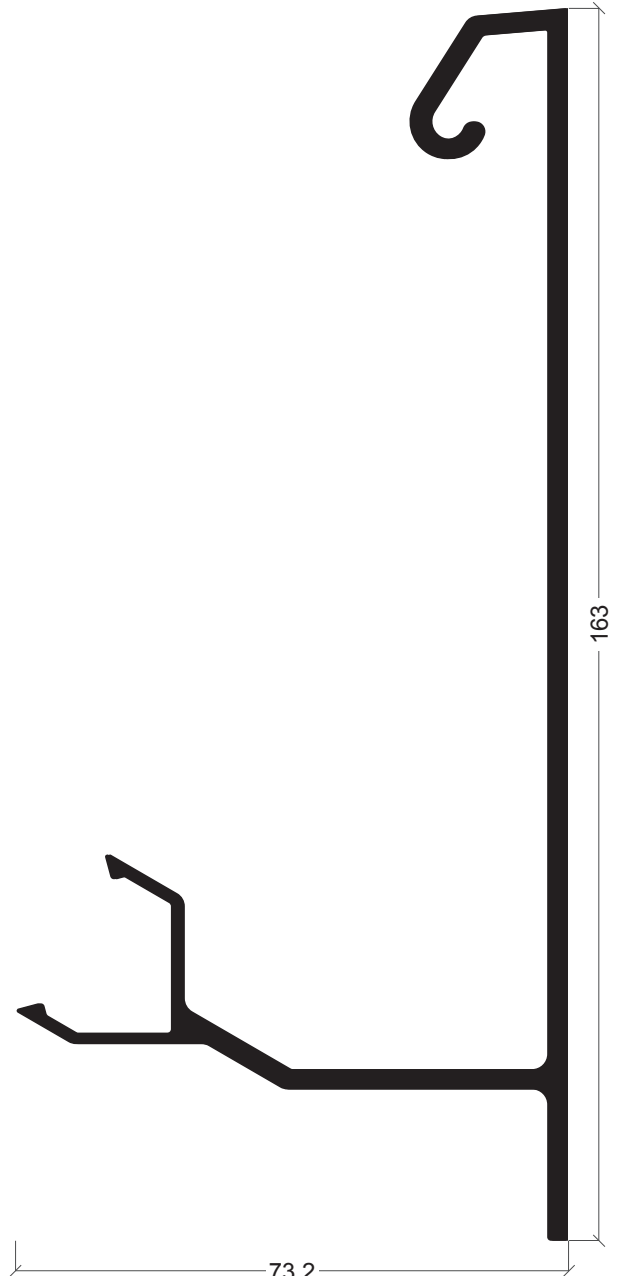
Z-66



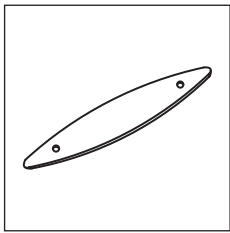
Z-23



Z-43

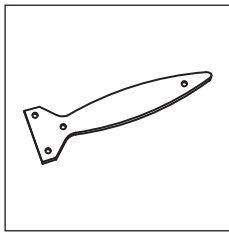


Z-42



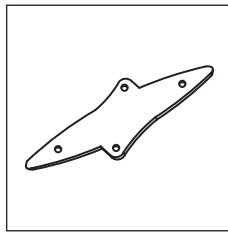
31 15 00 40

Topo simples 250 mm



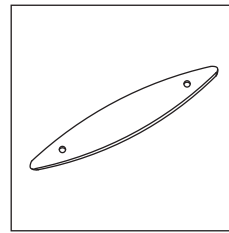
31 15 00 42

Topo fixação 120 mm



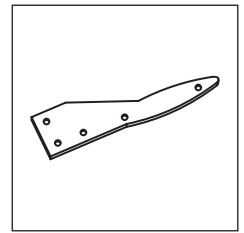
31 15 00 63

Topo fixação central
120 mm



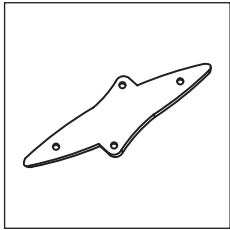
31 15 00 67

Topo simples 120 mm



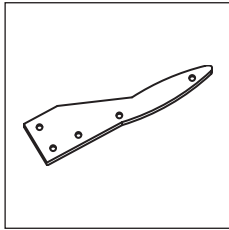
31 15 00 71

Topo fixação alongado
120 mm



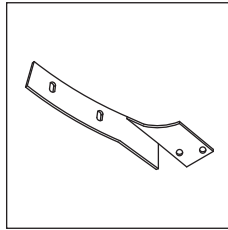
31 15 00 75

Topo fixação central
250 mm



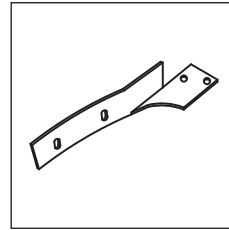
31 15 00 79

Topo fixação alongado
250 mm



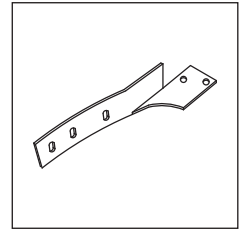
31 15 00 84

Suporte central 250 mm
direito



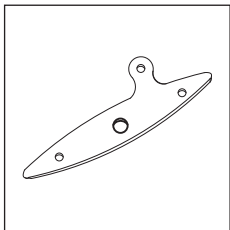
31 15 00 85

Suporte central 250 mm
esquerdo



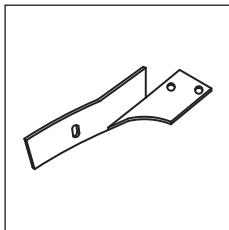
31 15 00 86

Suporte central 343 mm
esquerdo



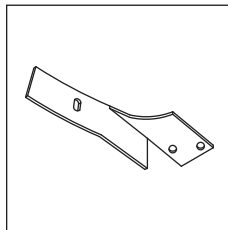
31 15 01 01

Topo lateral lâmina móvel
120 mm



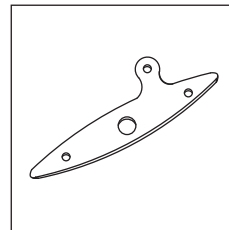
31 15 01 08

Suporte central 120 mm
esquerdo



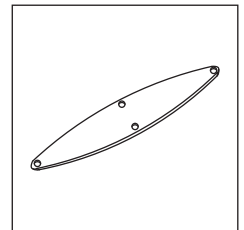
31 15 01 09

Suporte central 120 mm
direito



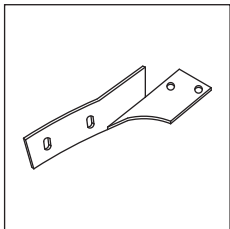
31 15 01 12

Topo lateral lâmina móvel
250 mm



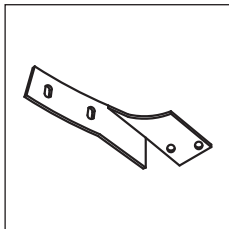
31 15 01 15

Topo simples 165 mm
(Z-64)



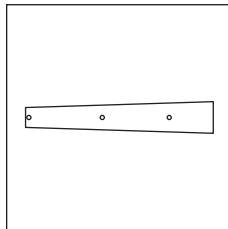
31 15 01 16

Suporte central 165 mm
esquerdo



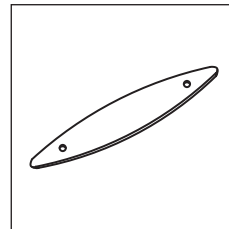
31 15 01 17

Suporte central 165 mm
direito



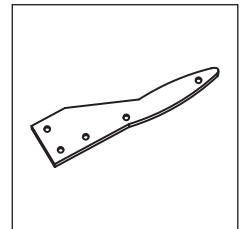
31 15 01 35

Topo para lâmina Z-67



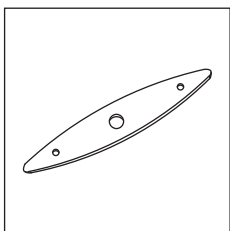
31 15 01 36

Topo simples 343 mm



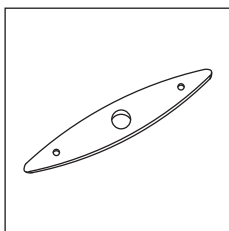
31 15 01 40

Topo fixação alongado
343 mm



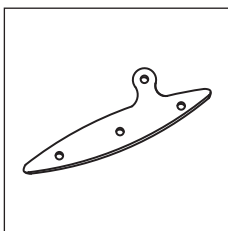
31 15 01 42

Topo lateral lâmina móvel
120 mm



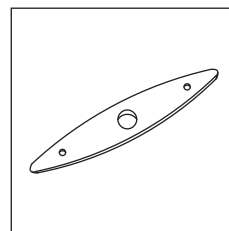
31 15 01 43

Topo lateral lâmina móvel
343 mm



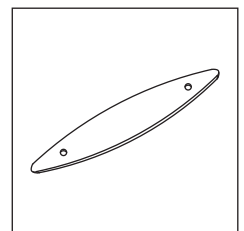
31 15 01 44

Topo lateral lâmina móvel
343 mm



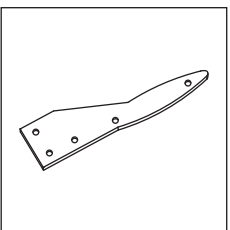
31 15 01 46

Topo lateral lâmina móvel
250 mm



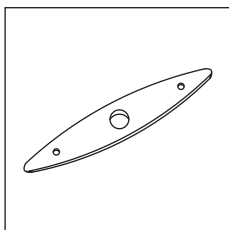
31 15 01 51

Topo simples 165 mm
(Z-68)



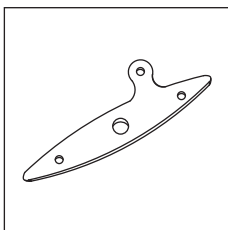
31 15 01 56

Topo fixação alongado
165 mm (Z-68)



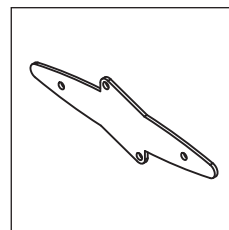
31 15 01 60

Topo lateral lâmina móvel
165 mm (Z-68)



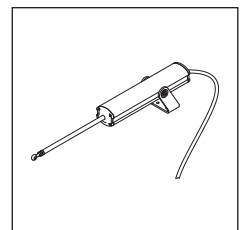
31 15 01 61

Topo lateral lâmina móvel
com aba 165 mm (Z-68)



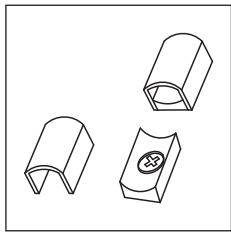
31 15 01 62

Topo fixação central Z-68



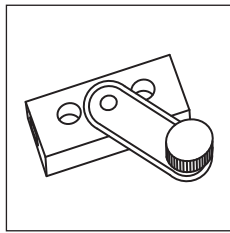
31 15 10 84

Motor eléctrico



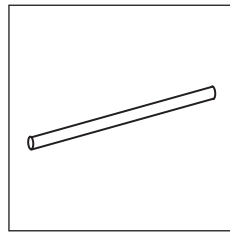
31 15 11 00

Presilha



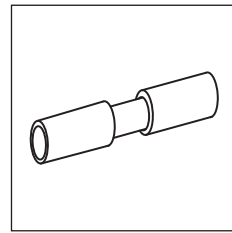
31 15 11 02

Manivela comando manual



31 15 11 03

Tubo alumínio (3 mts)



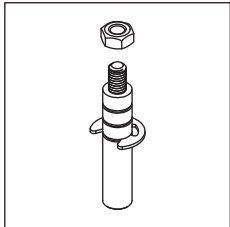
31 15 11 04

União de tubos



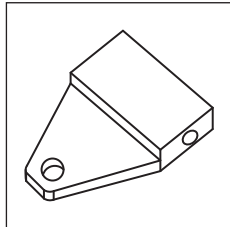
31 15 11 12

Bicha comando manual



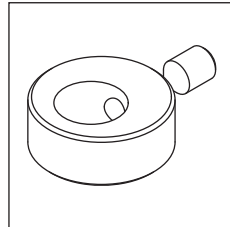
31 15 11 24

Eixo superior lâmina (Z-58 ou Z-68)



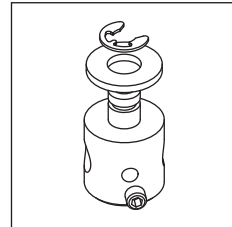
31 15 11 25

Ligação sistema eléctrico ou manual



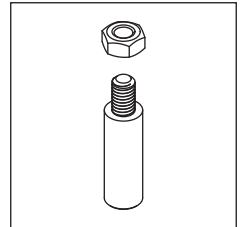
31 15 11 26

Anel freio lâmina (Z-58 ou Z-68)



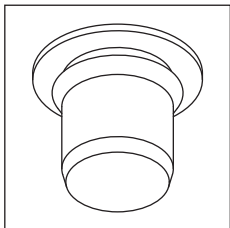
31 15 11 28

Eixo de ligação (Z-58 ou Z-68)



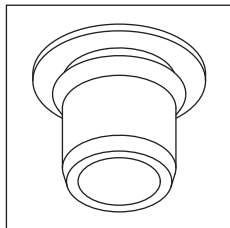
31 15 11 29

Eixo inferior (Z-58 ou Z-68)



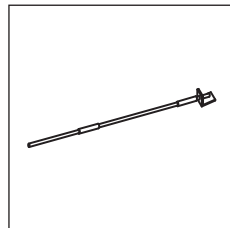
31 15 11 30

Casquilho inferior (Z-58 ou Z-68)



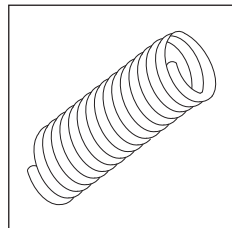
31 15 11 31

Casquilho superior (Z-58 ou Z-68)



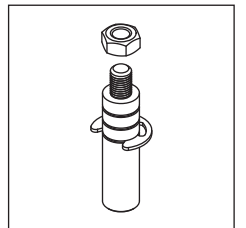
31 15 11 36

Accionador telescópico



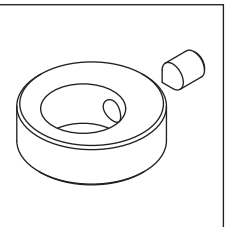
31 15 11 96

Mola fim de curso



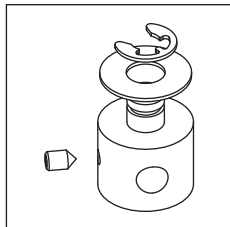
31 15 12 24

Eixo superior lâmina (Z-62 ou Z-65)



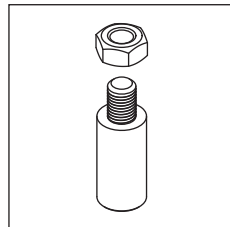
31 15 12 26

Anel freio lâmina (Z-62 ou Z-65)



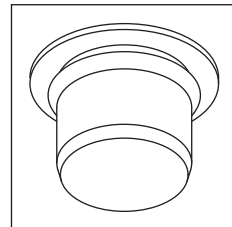
31 15 12 28

Eixo ligação lâmina (Z-62 ou Z-65)



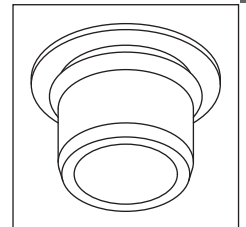
31 15 12 29

Eixo inferior lâmina (Z-62 ou Z-65)



31 15 12 30

Casquilho inferior lâmina (Z-62 ou Z-65)

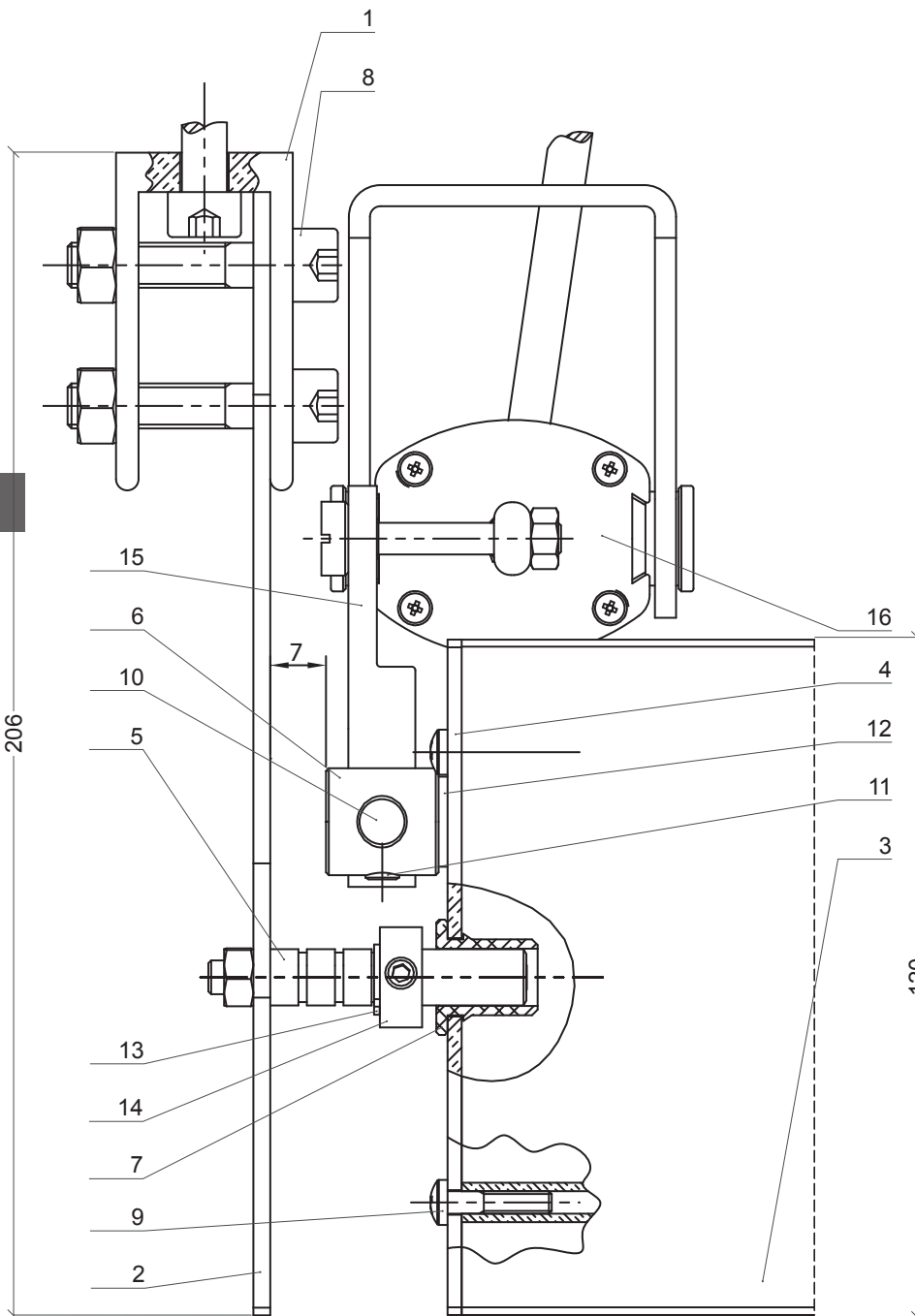


31 15 12 31

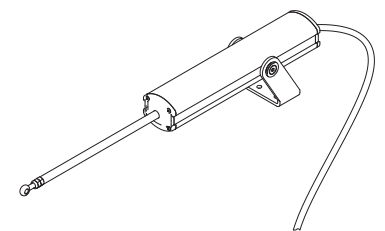
Casquilho superior lâmina (Z-62 ou Z-65)



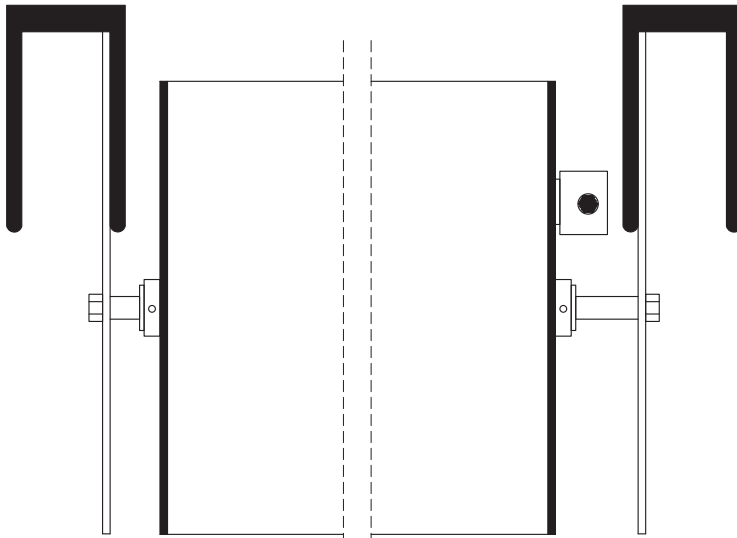
Z-58



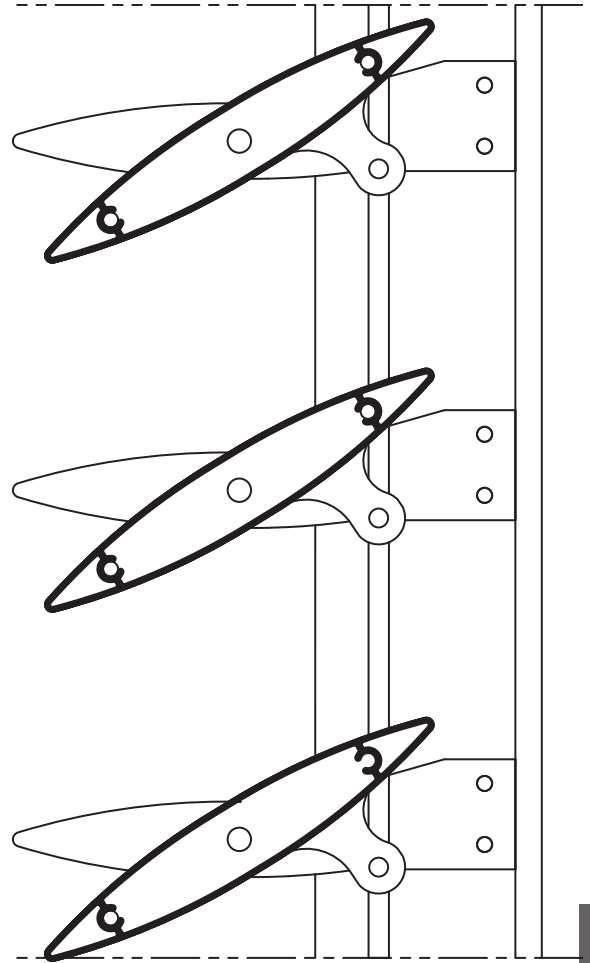
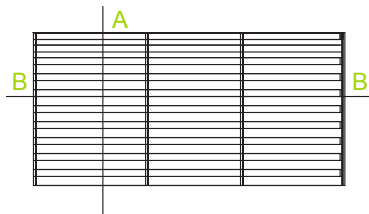
- 1 **U-09** (calha suporte U-09)
- 2 **31 15 00 71** (topo fixação alongado Z-58)
- 3 **Z-58** (lâmina 120 mm)
- 4 **31 15 01 01** (topo móvel)
- 5 **31 15 11 24** (eixo para móvel de rotação)
- 6 **31 15 11 28** (eixo de ligação lâmina)
- 7 **31 15 11 31** (casquilho em nylon para eixo)
- 8 **Parafuso DIN 912 M8x40**
- 9 **Parafuso ISO 7045 M4x16**
- 10 **G-01** (varão 8 mm)
- 11 **Perno DIN 913 M6x6**
- 12 **Anilha em nylon 16x1.6**
- 13 **Freio TRUARC**
- 14 **31 15 11 26** (anel excêntrico de ajustamento)
- 15 **31 15 11 25** (ligação ao motor/ comando manual)
- 16 **31 15 10 84** (motor eléctrico)



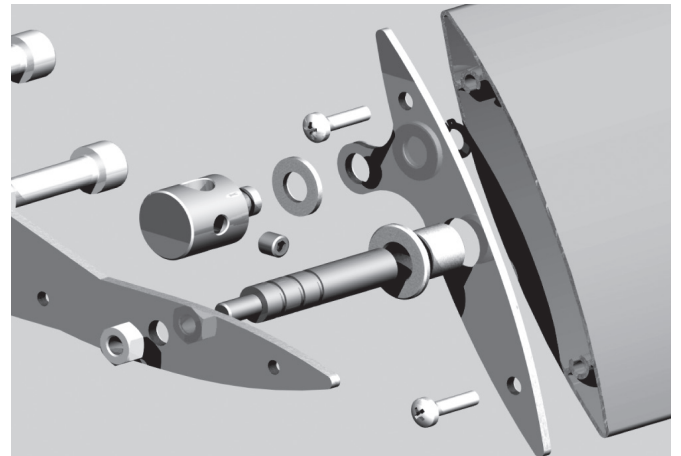
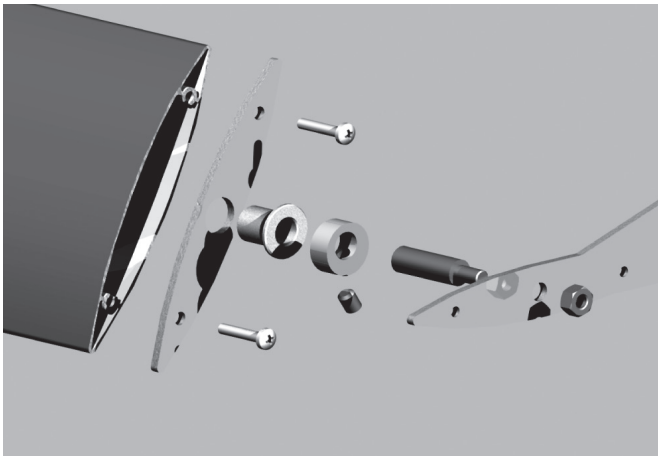
Montagem do motor sempre com o pistão virado para baixo

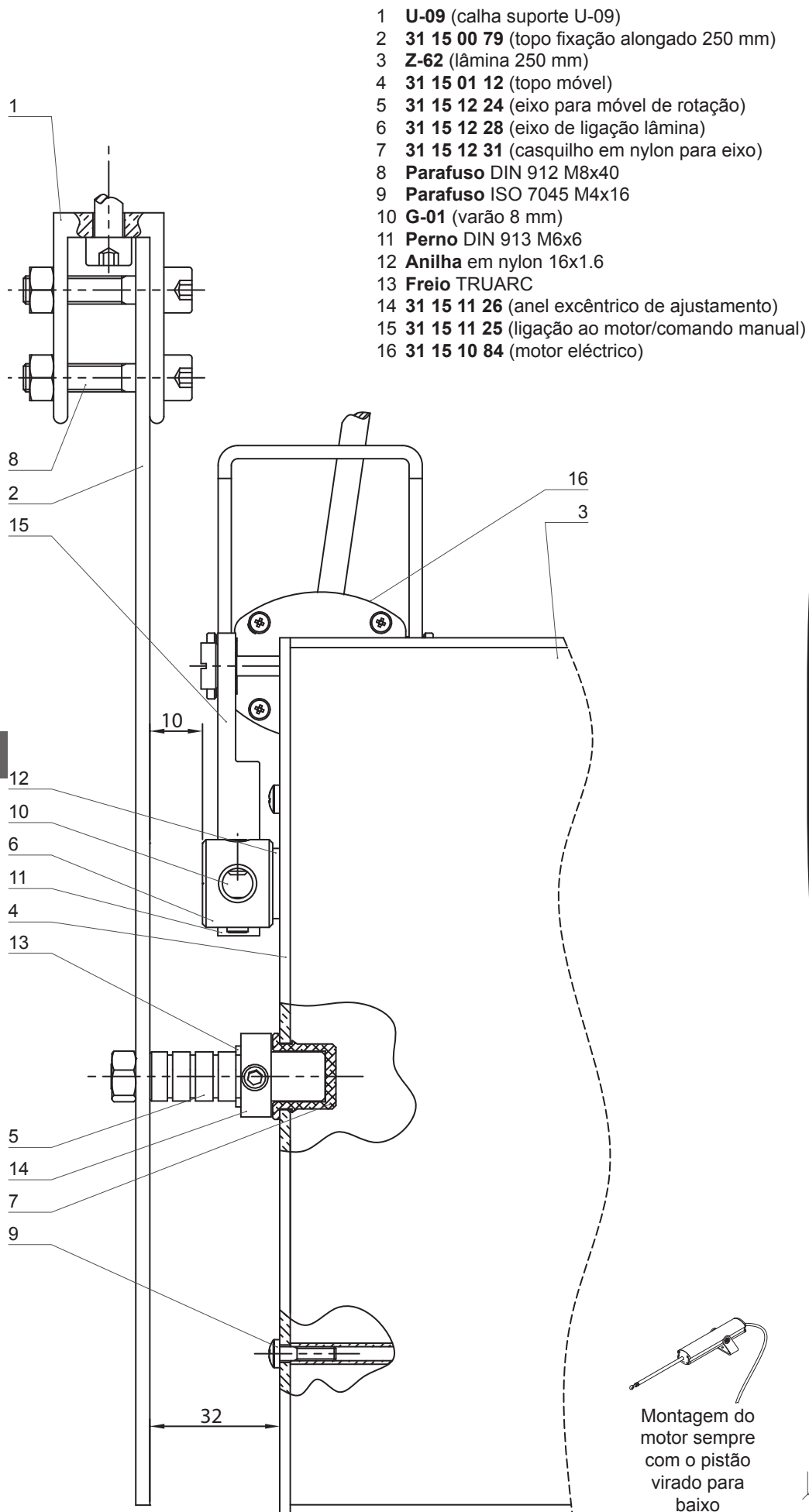


Secção B - B

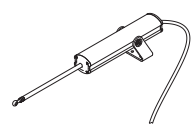


Secção A - A





82



Montagem do motor sempre com o pistão virado para baixo

