

Sistema

CW

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Sistema de correr com RPT - 105 mm

Características do sistema

Sistema de alumínio com rotura térmica para executar vãos de correr.

Perfis de alumínio

Os perfis de alumínio são extrudidos na liga de alumínio 6060 para arquitetura de acordo com norma NP EN 12020-02.

Perfis com rotura térmica obtida por inserção de varetas isolantes de poliamida de 6.6 mm reforçadas com 25% de fibra de vidro de 30 mm nos aros fixos e de 14.6 mm nos aros móveis.

Espessura média dos perfis de alumínio de 1.5 mm.

Aros fixos

Secção do aro fixo perimetral de 2 guias de 105 mm para montagem a meia esquadria;

Perfil guia de deslizamento inferior em aço inoxidável AISI 304 para evitar desgaste das peças.

Aros móveis

Secção dos aros móveis perimetrais de 48 mm com montagem a meia esquadria;

Enchimento de 4 a 36 mm;

Aros móveis de linha recta com ou sem bite ou com bite reduzido;

Bites rectos;

Estanquidade assegurada através de juntas em EPDM e pelúcia tipo Fin-Seal.

Dimensionamento e manobralidade

Dimensões mínimas - máximas de folha: 300 mm - 2500 mm (L); 350 mm - 2675 mm (H);

Peso máximo de 200 kg por folha (com 2 rolamentos duplos);

Tipologias de 2, 3, 4 e 6 folhas móveis e/ou fixas;

Tipologias de correr Galandage de 1 ou 2 folhas;

Rolamento duplo oscilante com regulação;

Rolamentos de agulhas em inox com eixo temperado retificado sendo possível a substituição sem desmontagem da folha;

Suporte exterior com tratamento cataforese (anti-corrosivo);

Abertura do vão com fecho lateral ou ferragem multi-ponto com 2 ou 4 pontos de fecho;

Puxadores desviados (esquerdo ou direito) para ferragem multi-ponto permitindo maior facilidade de abertura;

Possibilidade de aplicação de ferragem elevatória de média dimensão;

Puxador específico para ferragem elevatória de modo a facilitar as manobras de abertura e fecho do vão;

Existe a opção de puxador duplo com colocação de canhão com chave para permitir a abertura do vão pelo exterior.

Performances

Sistema certificado por laboratório notificado para Ensaio Tipo Inicial (ITT) de acordo com a norma de produto EN 14351-1 para efeitos de Marcação CE.

Categorias alcançadas na avaliação do sistema CW tipologia janela:

1. Permeabilidade ao ar: Classe 3 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 7A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C5 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema CW tipologia porta:

1. Permeabilidade ao ar: Classe 3 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 6A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe B3 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema CW tipologia porta elevatória:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 1026)
2. Estanquidade à água: Classe 7A (norma de ensaio EN 1027)
3. Resistência ao vento: Classe C3 (norma de ensaio EN 12211)

Categorias alcançadas na avaliação do sistema CW para determinação das forças de manobra (EN 12046):

1. Libertação da ferragem de fecho: Classe 2
2. Abertura da folha: Classe 1
3. Fecho da folha: Classe 2
4. Engate da ferragem de fecho: Classe 2

Categoria alcançada na determinação da resistência a abertura e fecho repetidos (5000 ciclos): Classe 1 (EN 1191)

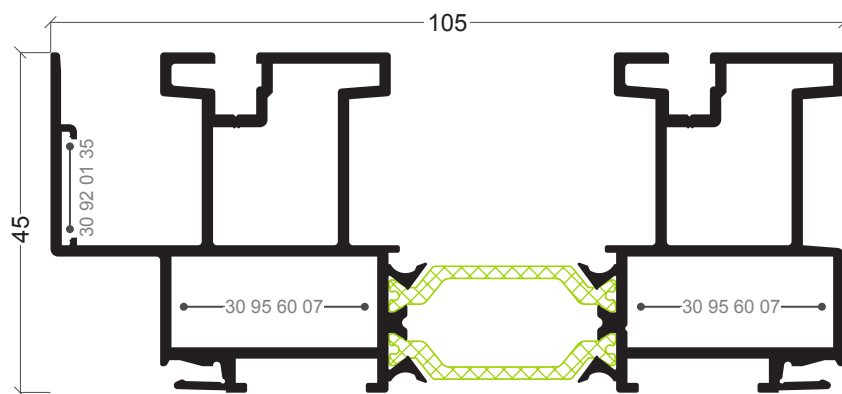
Coeficiente de transmissão térmica de vão de 2 folhas com 4.0 m x 2.4 m com vidro $U_g = 0.7 \text{ W/m}^2\text{K}$, com intercalar efeito "Warm Edge":

- $U_w = 1.48 \text{ W/m}^2\text{K}$

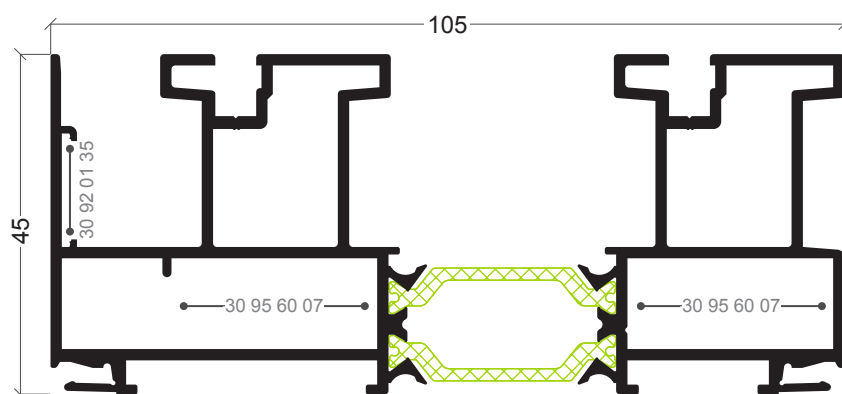
Coeficiente de atenuação acústica de vão de 2 folhas com vidro acústico 6/16/44.1:

- $R_w (C; C_{tr}) = 34 \text{ dB} (-1; -6)$

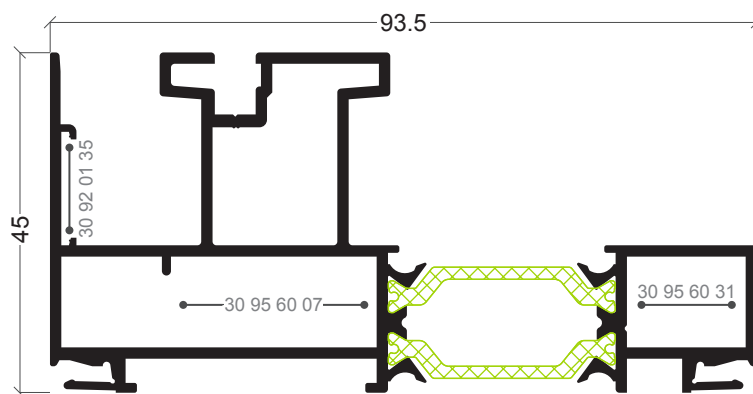
Zonas de aplicação segundo RCCTE (em função do valor U_g): I1, I2, I3, V1, V2, V3.



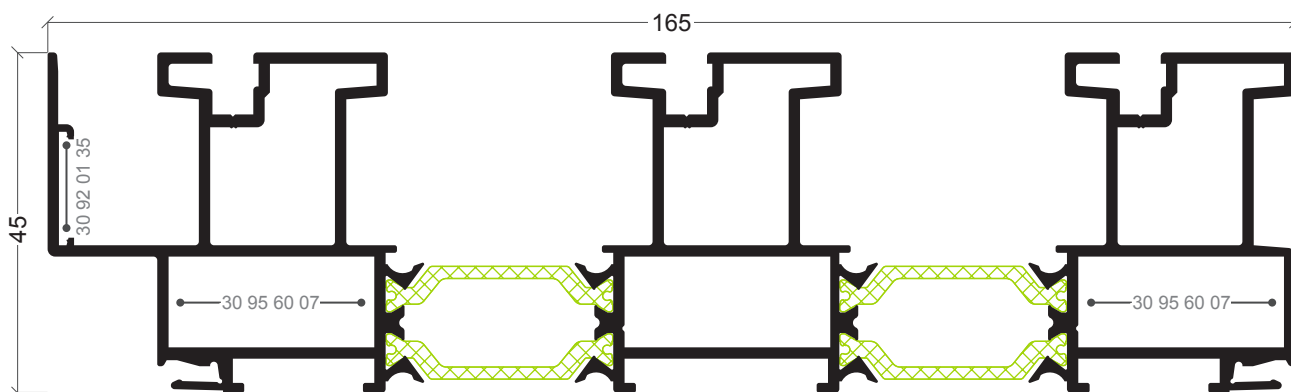
CW-01
Aro fixo perimetral



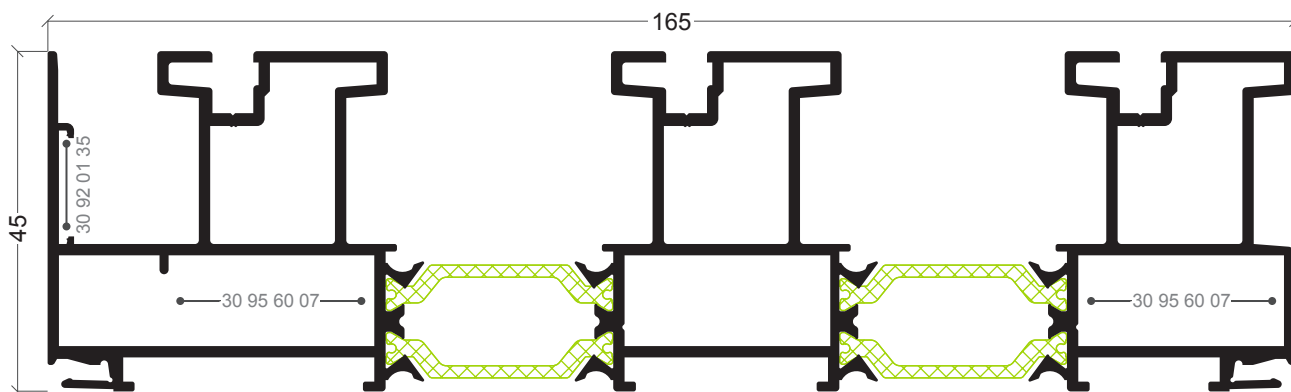
CW-05
Aro fixo perimetral



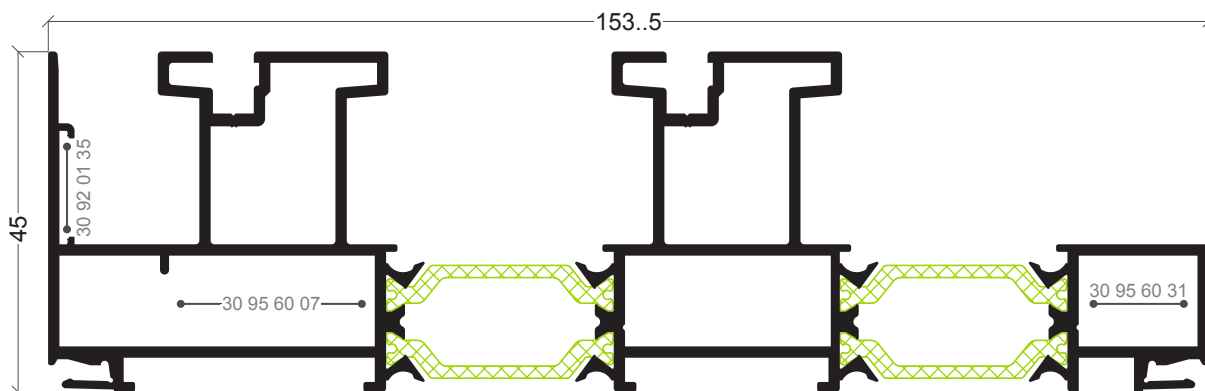
CW-07
Aro fixo mono-rail galandage



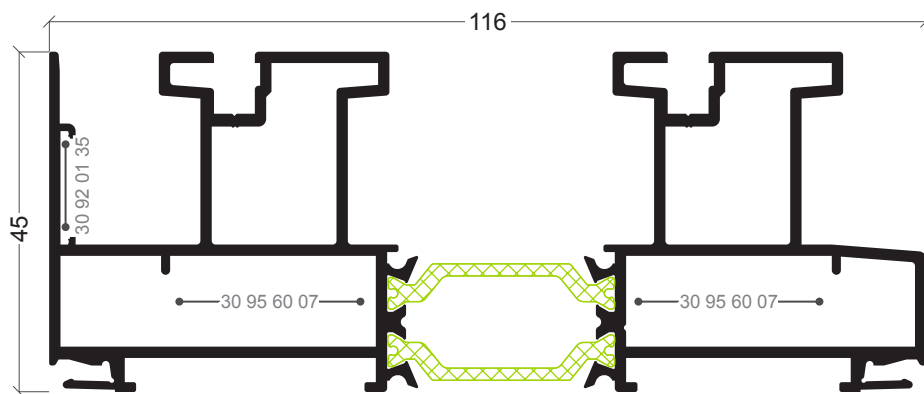
CW-08
Aro fixo tri-rail perimetral



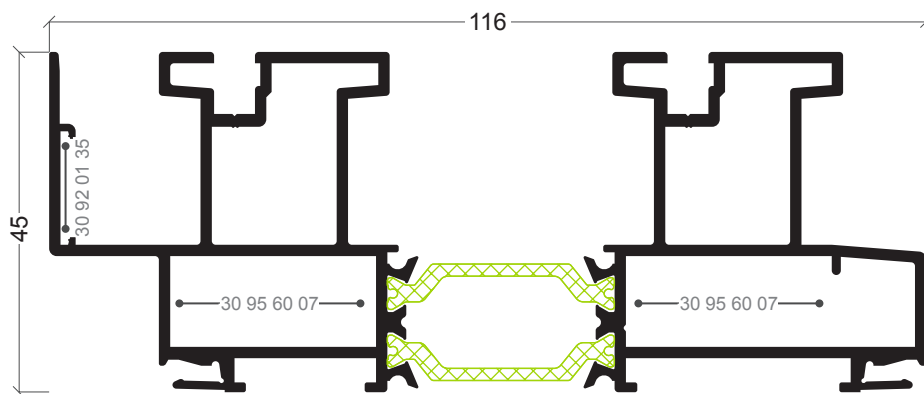
CW-09
Aro fixo tri-rail perimetral



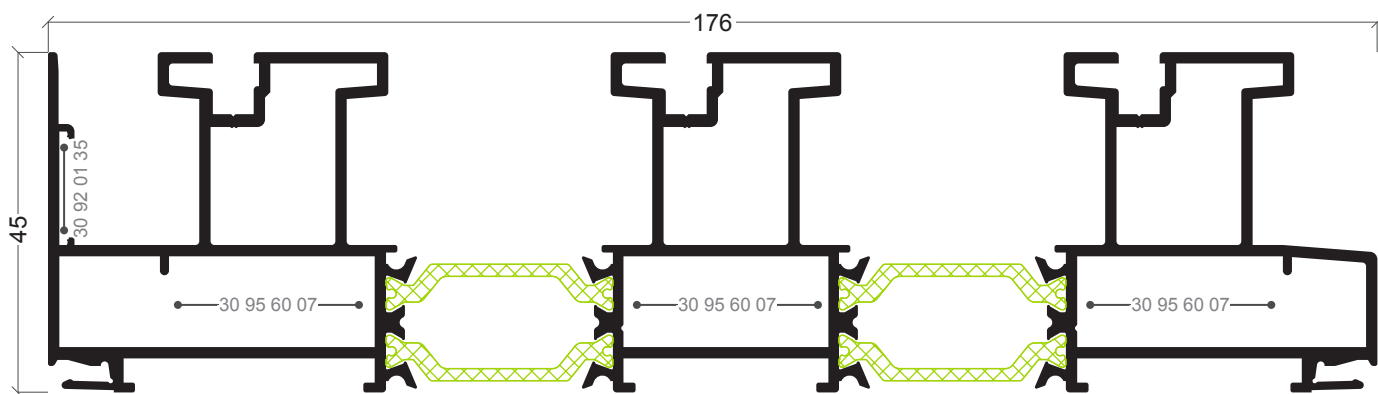
CW-10
Aro fixo bi-rail galandage



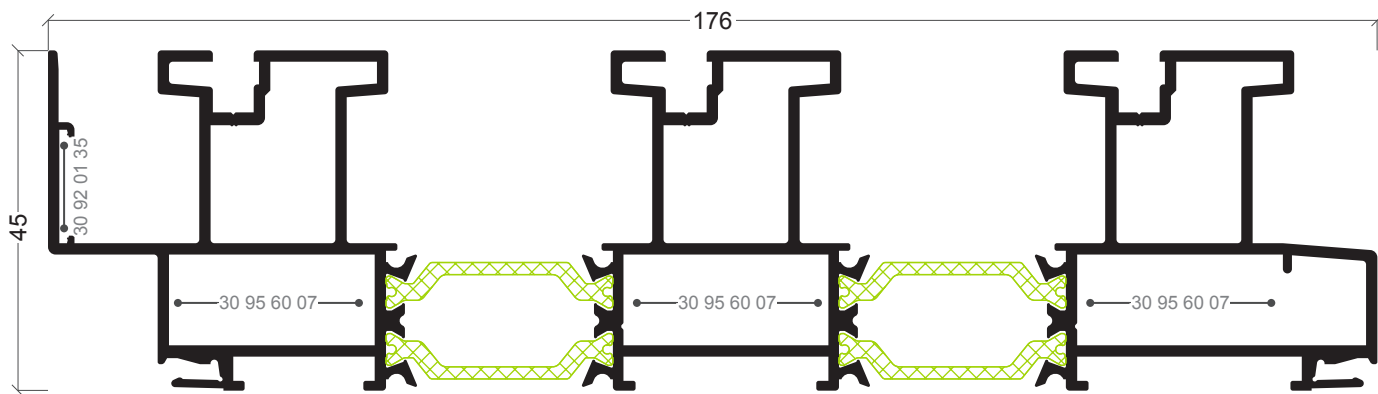
CW-20
Aro fixo bi-rail



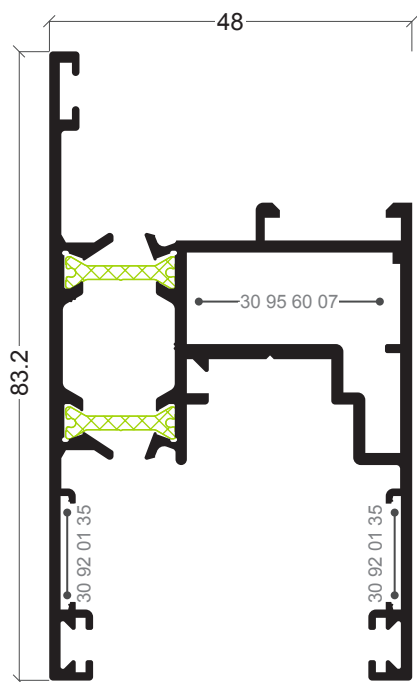
CW-21
Aro fixo bi-rail



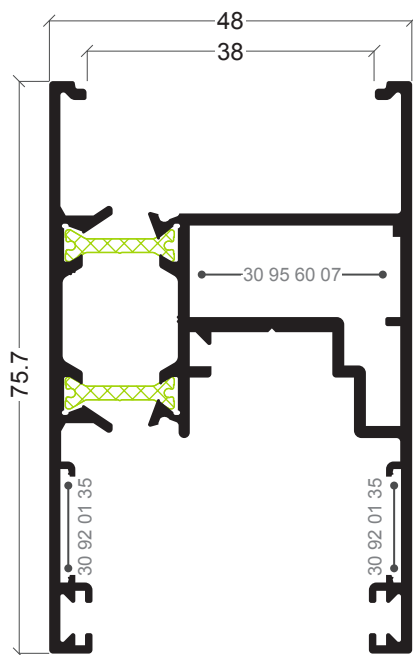
CW-22
Aro fixo tri-rail



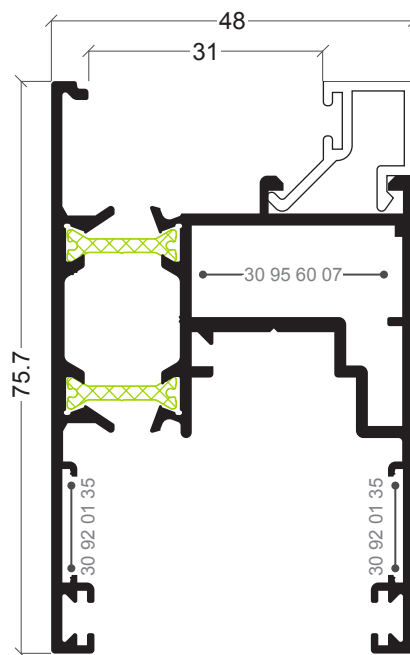
CW-23
Aro fixo tri-rail



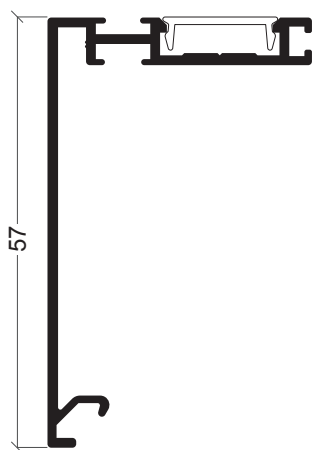
CW-02
Aro móvel perimetral



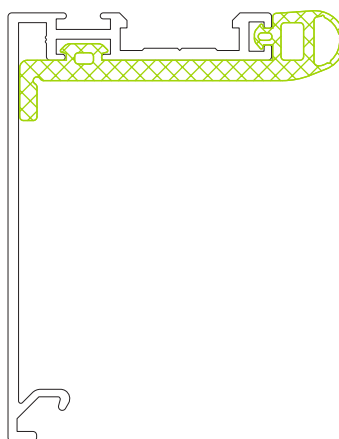
CW-03
Aro móvel perimetral



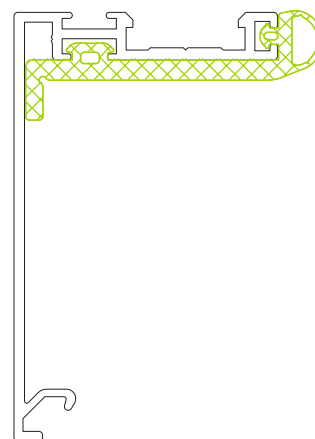
CW-04
Aro móvel perimetral



CW-06
Aro móvel perimetral



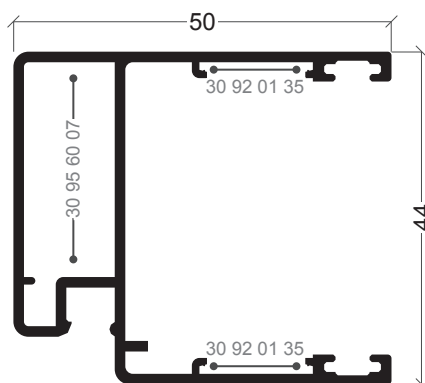
30 95 60 04
Junta central para CW-02



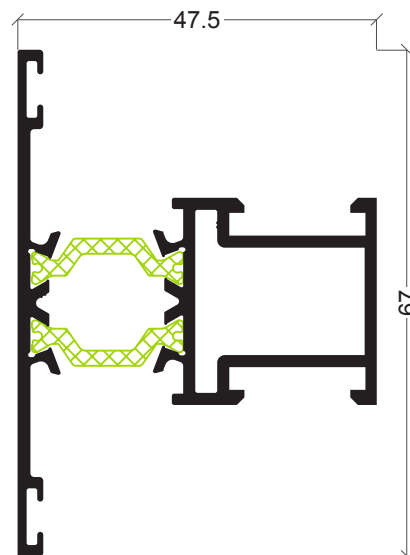
30 95 60 05
Junta central para CW-03/04



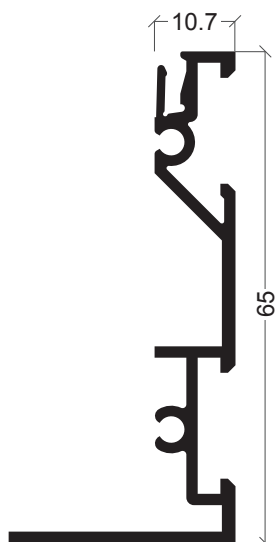
CW-15
Tampa



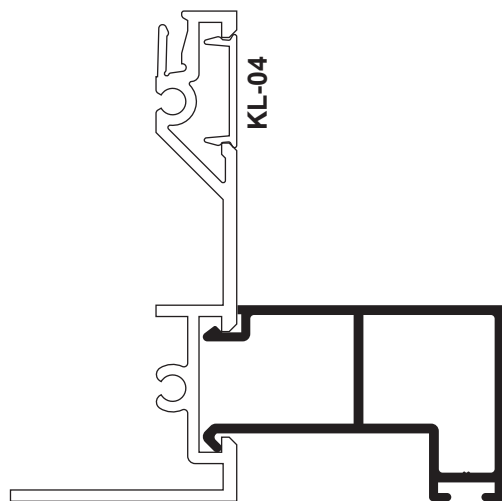
CW-14
Perfil para rede mosquiteira



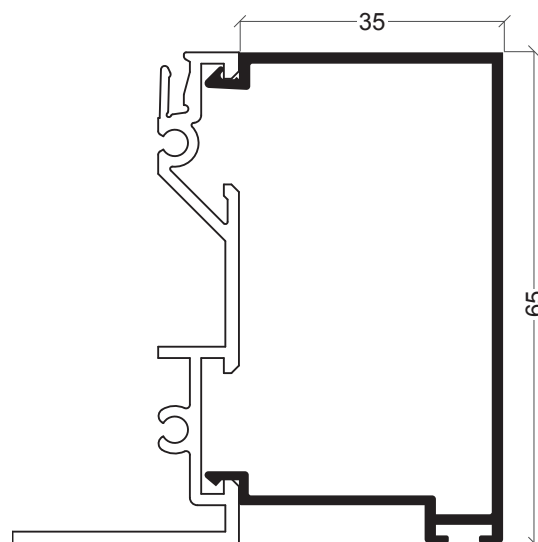
CW-16
Travessa



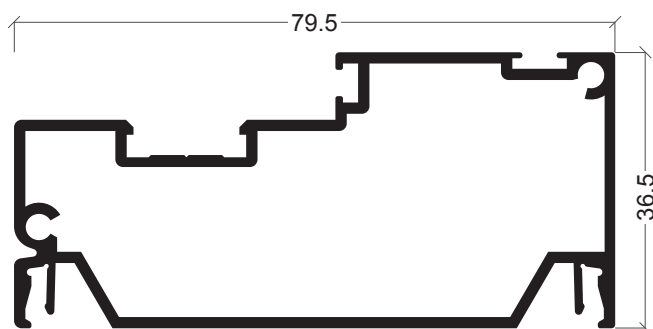
CW-11
Perfil para isolamento



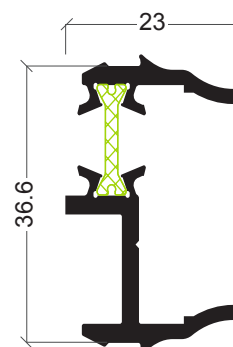
ARi-48
Bite



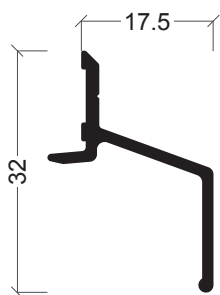
CW-12
Remate de isolamento



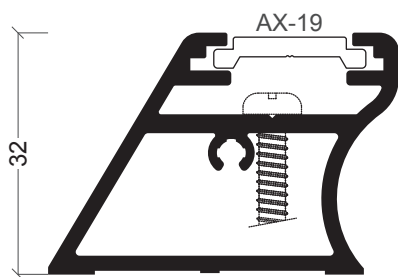
CW-13
Prumo de cruzamento



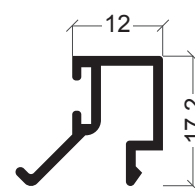
CTe-09
Perfil 4 folhas



CT-29
Pingadeira superior



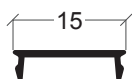
CT-28
Reforço



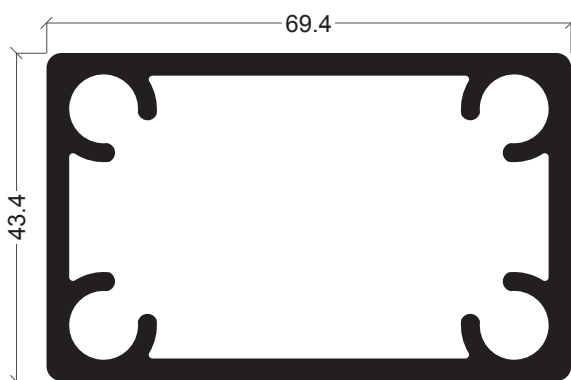
AX-70
Bite CW-04



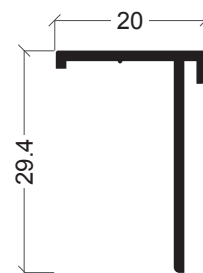
CTe-03
Perfil guia



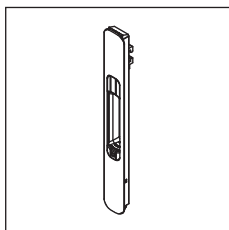
KL-04
Perfil complementar



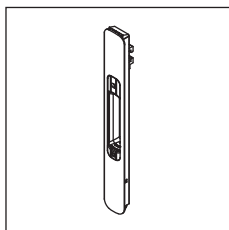
PO-07



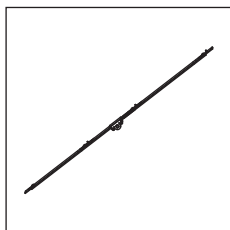
Y-24
Remate p/ apainelado



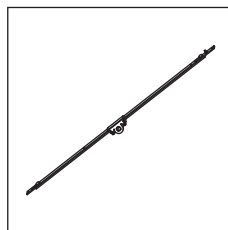
30 91 40 39/40/41
Fecho embutir manual
(natural/preto/branco)



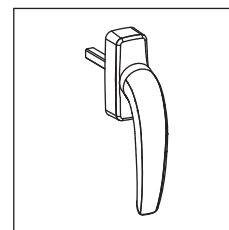
30 91 40 42/43/44
Fecho embutir automático
(natural/preto/branco)



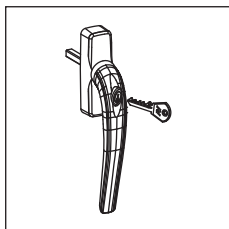
30 91 41 29
Barra multiponto 4
pontos (1800 mm)



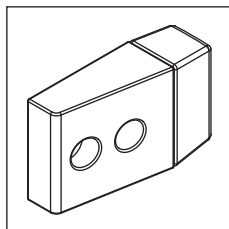
30 91 41 30
Barra multiponto 2
pontos (600 mm)



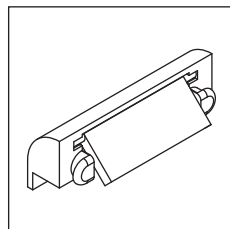
30 91 41 47/48
Cremone multi-ponto
(branco/preto)



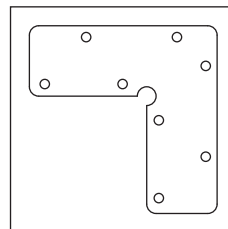
30 91 41 56/57
Cremone com chave multi-
ponto (branco/preto)



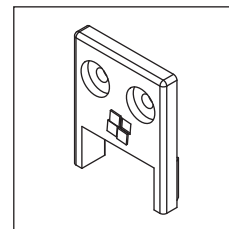
30 91 41 71
Topo limitador de
abertura



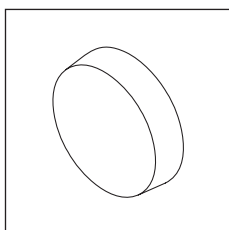
30 92 01 02/03
Goteira (preto/branco)



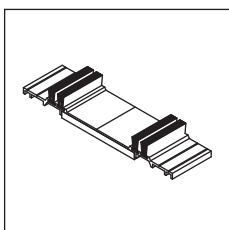
30 92 01 35
Esquadro de alinhamento
CW-01/02/03/04/05/08/09



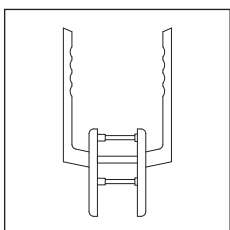
30 94 50 35
Tampa guia móvel recta
CW-06



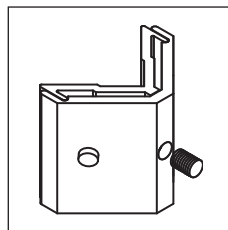
30 94 50 36
Tampa preta para parafuso
cabeça de queijo 9.3



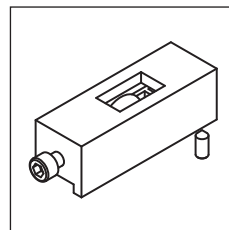
30 94 50 41
Cortavento superior
elevável



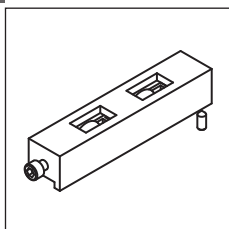
30 94 52 00/01/02
Puxador duplo para correr-
elevatória (natural/preto/inox)



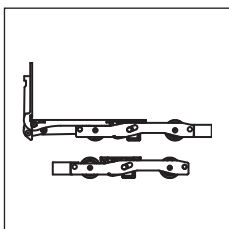
30 95 60 07
Esquadro 27x12 mm
centrado



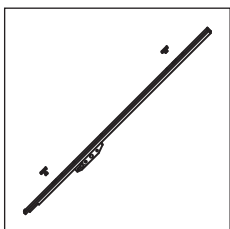
30 95 60 08
Rolamento simples regulável
CW (50 kg por rolamento)



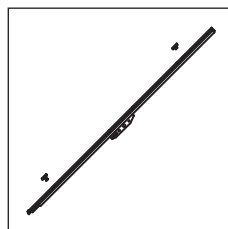
30 95 60 09
Rolamento duplo regulável
CW (100 kg por rolamento)



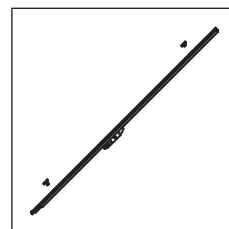
30 95 60 10
Conjunto rolamentos
elevável 200kg



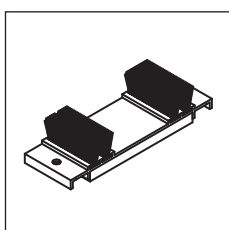
30 95 60 11
Ferragem correr/
elevatória 170



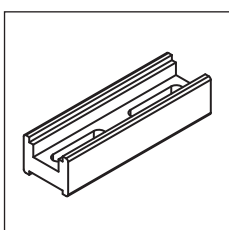
30 95 60 12
Ferragem correr/
elevatória 220



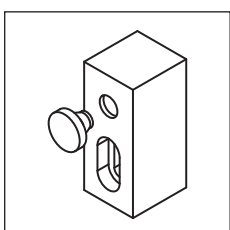
30 95 60 13
Ferragem correr/
elevatória 260



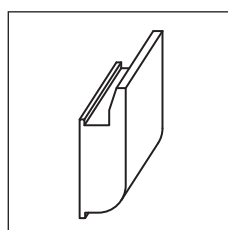
30 95 60 14
Corta-vento inferior/
superior



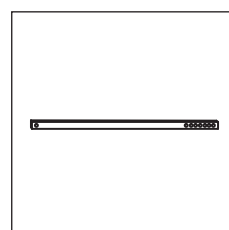
30 95 60 15
Calço multi-ponto n° 4



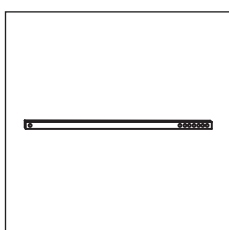
30 95 60 16
Batente lateral



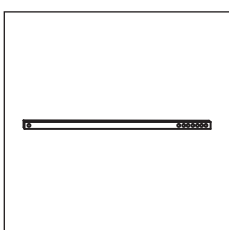
30 95 60 17
Guia



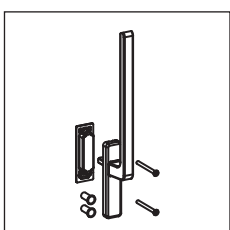
30 95 60 18
Barra de ligação 150



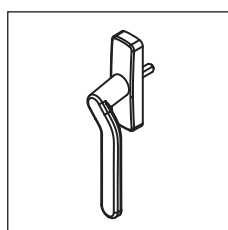
30 95 60 19
Barra de ligação 200



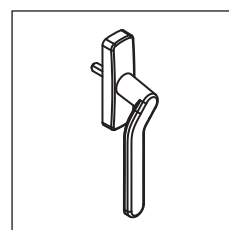
30 95 60 20
Barra de ligação 250



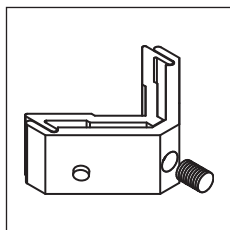
30 95 60 21/22/23/24/25
Conjunto puxador elevável
(natural/preto/branco/inox/bronze)



30 95 60 26/28
Puxador desviado M-P
direito branco/preto

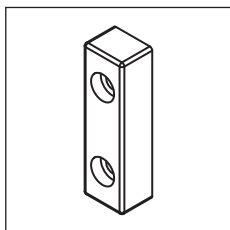


30 95 60 27/29
Puxador desviado M-P
esquerdo branco/preto



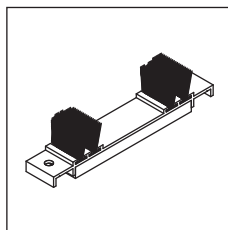
30 95 60 31

Esquadro 15x12 mm exterior



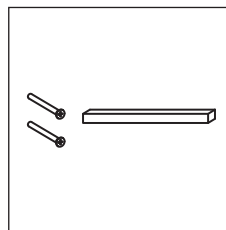
30 95 60 34

Calço 3/4 folhas



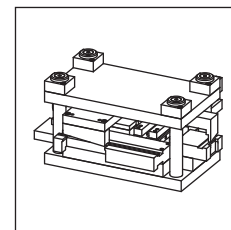
30 95 60 35

Corta-vento inferior/superior mono-rail



30 95 60 36

Conjunto perno + parafuso para puxador multiponto desviado duplo

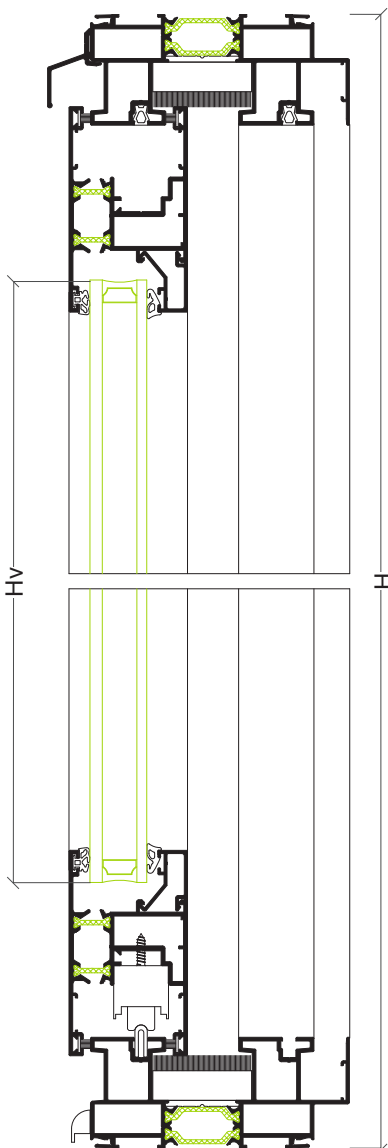
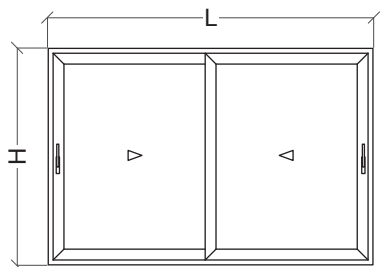


33 92 29 99

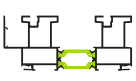


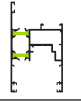














Cunho

Referência	Desenho	Descrição
30 20 26 03		Junta interior/exterior
30 93 00 60		Vedante exterior do vidro
30 93 00 61		Junta vedação exterior vidro 2 mm
30 93 00 62		Junta plana para vidro
30 93 00 65		Junta interior para vidro (5 mm)
30 93 00 66		Junta interior para vidro (4 mm)
30 93 00 67		Junta interior para vidro (2 mm)
30 93 00 68		Junta interior para vidro (6/7 mm)
30 93 00 69		Junta interior para vidro (8/9 mm)
30 94 01 46		Junta para CW-13
30 94 60 12		Pelúcia tri-fin
30 95 00 10		Pelúcia 7x9 mm
30 95 00 40		Pelúcia 7x5.5 mm
30 95 60 01		Junta tapa-canal central
30 95 60 02		Junta tapa-canal aro fixo
30 95 60 03		Junta vedação aro móvel
30 95 60 04		Junta central CW-02
30 95 60 05		Junta central CW-03/04
30 95 60 06		Junta em U para vidro de 30 mm
30 95 60 30		Junta isolante CW

Janela 2 folhas correr



Perfis

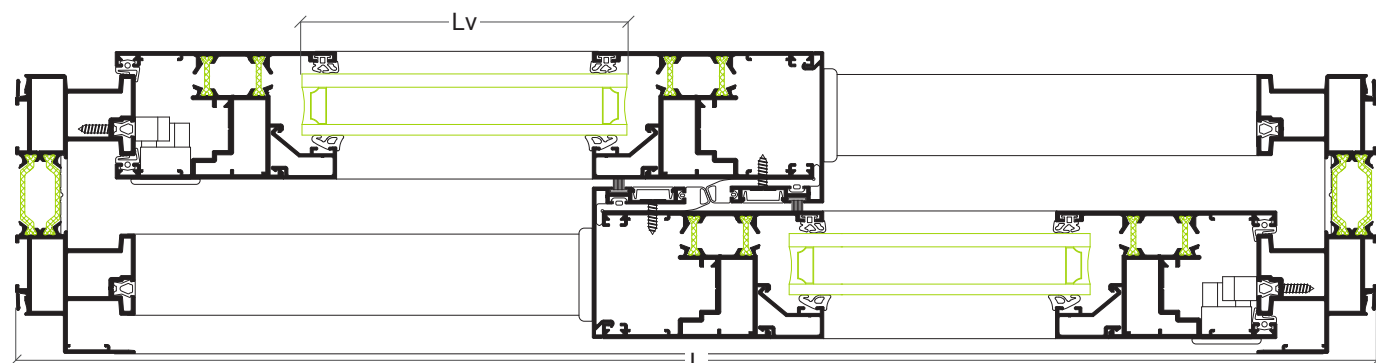
Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-01	Aro fixo perimetral		2	L
				2	H
	CW-02	Aro móvel perimetral		4	L/2+2 mm
				4	H-75 mm
	CW-06	Tampa de cruzamento		2	H-75 mm
	CTe-03	Perfil guia		2	L-74 mm
	CT-29	Pingadeira		1	L
	KL-04	Perfil tampa central		2	H-75 mm
	---	Bite horizontal		4	L/2-124.5 mm
	---	Bite vertical		4	H-241.5 mm

Acessórios e Juntas

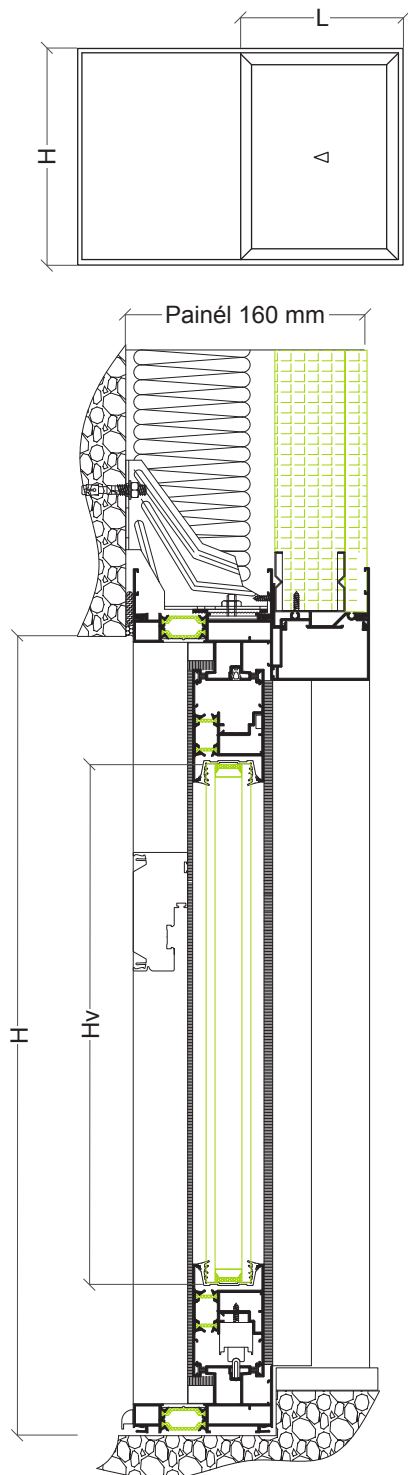
Referência	Descrição	Quantidade
30 95 60 07	Esquadro	16
30 92 01 35	Esquadro de alinhamento	20
30 95 60 14	Corta-vento inferior/superior	2
30 95 60 16	Batente lateral	4
30 94 50 35	Tampa guia	4
30 92 01 02	Goteira com válvula (preto)	diversas
30 91 40 43	Fecho lateral automático (preto)	2
30 95 60 09	Rolamento duplo regulável	4
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	4L+2H
30 95 60 01	Junta tapa-canal central	2L+2H
30 95 60 02	Junta tapa-canal	2L+4H
30 95 60 03	Junta de vedação	4H
30 95 60 04	Junta central CW-02	2H
---	Junta exterior para vidro	2L+4H
---	Junta interior para vidro	2L+4H

Vidro

Hv = H-215 mm	Lv = L/2-138 mm
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Porta 1 folha galandage



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-07	Aro fixo perimetral		2	(Lx2)+112 mm
				2	H+15 mm
	CW-03	Aro móvel perimetral		2	L+52 mm
				2	H-60 mm
	CW-06	Tampa de cruzamento		1	H-60 mm
	CW-11	Perfil para isolamento		1	L+167 mm
				2	H-39 mm
	CW-12	Remate de isolamento		1	L+106 mm
				2	L+106 mm
	CW-13	Prumo de cruzamento		1	H-24 mm
	CTe-03	Perfil guia		1	(Lx2)+38 mm
	KL-04	Perfil tampa central		1	H-24 mm
				1	H-60 mm
	AXi-88	Remate lateral de isolamento exterior		1	(Lx2)+126 mm
				2	H+45 mm
	AXi-88	Remate lateral de isolamento interior		1	L+188 mm
				2	H+1.5 mm

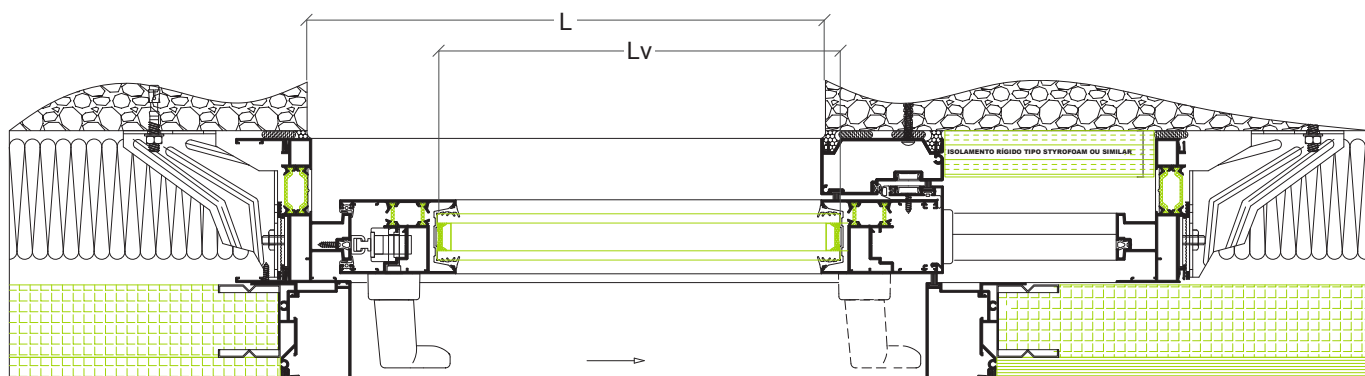
Acessórios e Juntas

Referência	Descrição	Quantidade
30 95 60 07	Esquadro	8
30 95 60 31	Esquadro exterior	4
30 92 01 35	Esquadro alinhamento	24
30 95 60 35	Corta-vento inferior/superior mono-rail	2
30 95 60 16	Batente lateral	2
30 94 50 35	Tampa guia	2
30 92 01 02	Goteira com válvula (preto)	diversas
30 91 41 48	Puxador preto	1
30 95 60 09	Rolamento duplo regulável	2
30 91 41 30	Ferragem multi-ponto 600 mm	2
30 95 60 15	Calço MP nº 4	4
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	4L+2H
30 95 60 01	Junta tapa-canal central	4L+2H
30 95 60 02	Junta tapa-canal	4L+4H
30 95 60 03	Junta de vedação	2H
30 95 60 05	Junta central CW-03/04	H
30 59 60 06	Junta para vidro (30 mm)	2L+2H
30 94 01 46	Junta para CW-13	H
30 95 00 10	Pelúcia 7x9 mm	H
30 94 01 46	Junta para CW-13	H

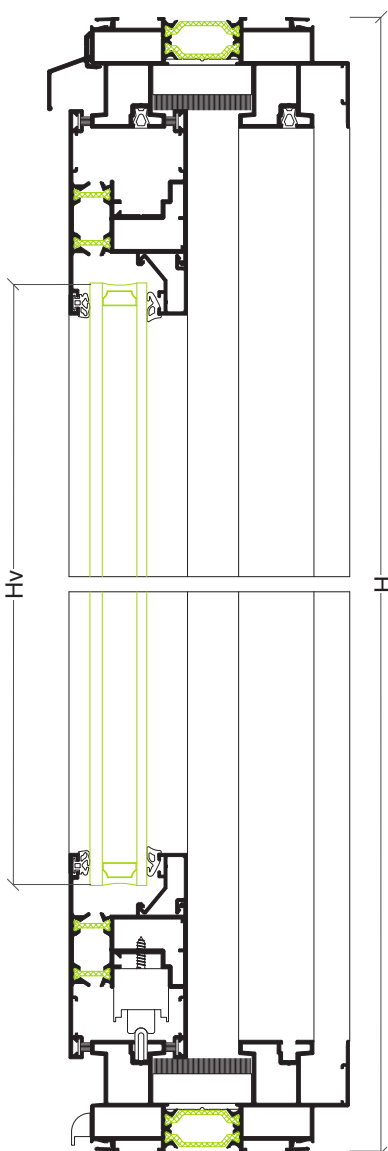
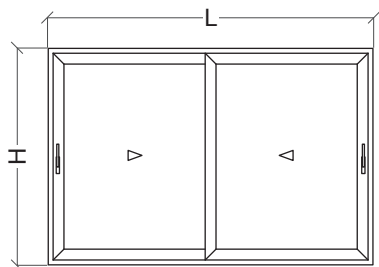
317

Vidro

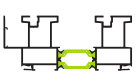


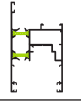














Hv = H-186 mm	Lv = L-75 mm
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Porta 2 folhas correr



Perfis

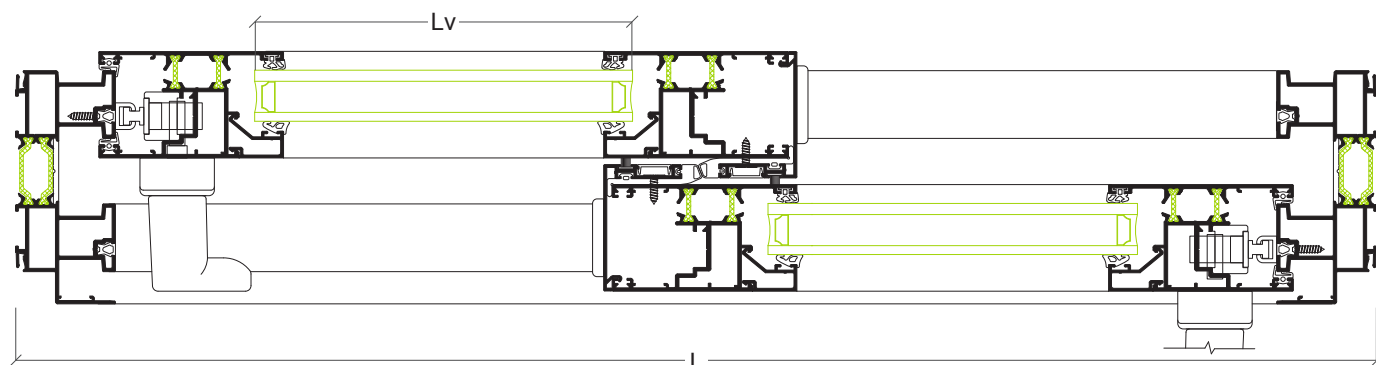
Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-01	Aro fixo perimetral		2	L
				2	H
	CW-02	Aro móvel perimetral		4	L/2+2 mm
				4	H-75 mm
	CW-06	Tampa de cruzamento		2	H-75 mm
	CTe-03	Perfil guia		2	L-74 mm
	CT-29	Pingadeira		1	L
	KL-04	Perfil tampa central		2	H-75 mm
	---	Bite horizontal		4	L/2-124.5 mm
	---	Bite vertical		4	H-241.5 mm

Acessórios e Juntas

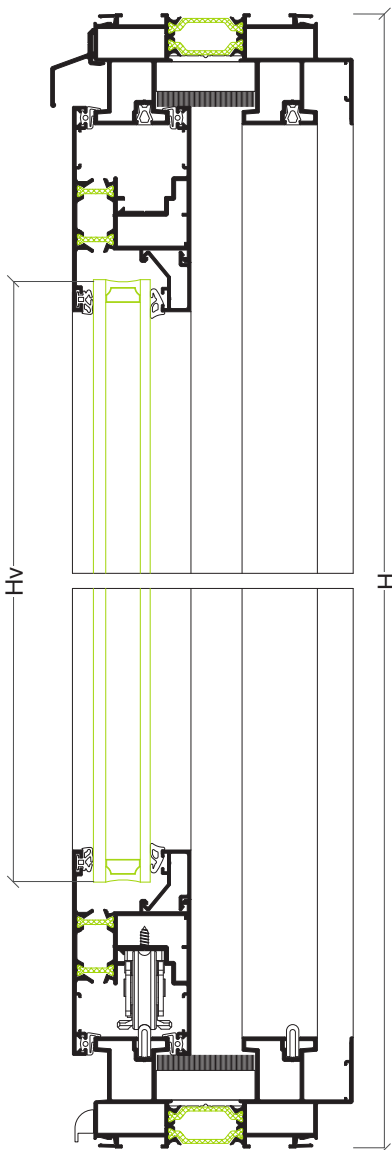
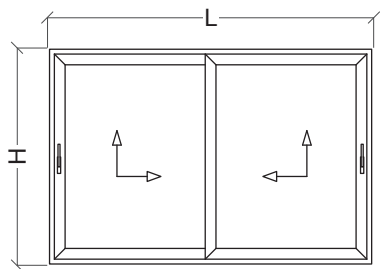
Referência	Descrição	Quantidade
30 95 60 07	Esquadro	16
30 92 01 35	Esquadro de alinhamento	20
30 95 60 14	Corta-vento inferior/superior	2
30 95 60 16	Batente lateral	4
30 94 50 35	Tampa guia	4
30 92 01 02	Goteira com válvula (preto)	diversas
30 95 60 29	Puxador desviado esquerdo (preto)	1
30 95 60 28	Puxador desviado direito (preto)	1
30 91 41 30	Ferragem multi-ponto 600 mm	2
30 95 60 15	Calço MP nº 4	8
30 91 41 71	Limitador	1
30 95 60 09	Rolamento duplo regulável	4
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	4L+2H
30 95 60 01	Junta tapa-canal central	2L+2H
30 95 60 02	Junta tapa-canal	2L+4H
30 95 60 03	Junta de vedação	4H
30 95 60 04	Junta central CW-02	2H
---	Junta exterior para vidro	2L+4H
---	Junta interior para vidro	2L+4H

Vidro

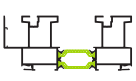


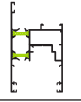














Hv = H-215 mm	Lv = L/2-138 mm
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Porta 2 folhas correr elevável



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-01	Aro fixo perimetral		2	L
				2	H
	CW-02	Aro móvel perimetral		4	L/2+2 mm
				4	H-75 mm
	CW-06	Tampa de cruzamento		2	H-75 mm
	CTe-03	Perfil guia		2	L-74 mm
	CT-29	Pingadeira		1	L
	KL-04	Perfil tampa central		2	H-75 mm
	---	Bite horizontal		4	L/2-124.5 mm
	---	Bite vertical		4	H-241.5 mm

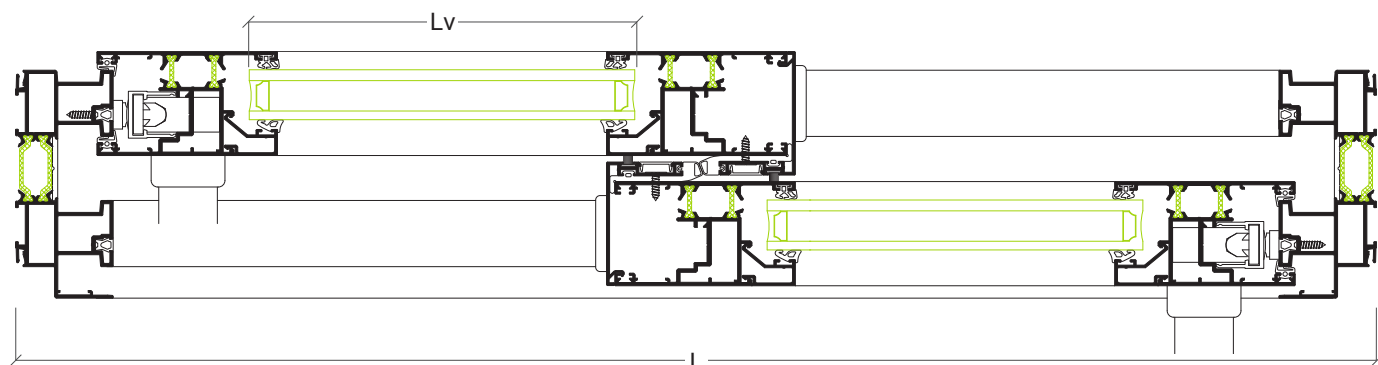
Acessórios e Juntas

Referência	Descrição	Quantidade
30 95 60 07	Esquadro	16
30 92 01 35	Esquadro de alinhamento	20
30 95 60 14	Corta-vento inferior	1
30 94 50 41	Corta-vento superior (elevável)	1
30 94 50 35	Tampa guia	4
30 92 01 02	Goteira com válvula (preto)	diversas
30 95 60 XX	Ferragem correr/elevatória	2
30 95 60 10	Conjunto rolamentos elevável	2
30 95 60 XX	Conjunto puxador elevável	2
30 95 60 XX	Barra de ligação	2
30 91 41 71	Limitador	1
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	2H
30 95 60 01	Junta tapa-canal central	2L+2H
30 95 60 02	Junta tapa-canal	2L+4H
30 95 60 03	Junta de vedação	4L+4H
30 95 60 04	Junta central CW-02	2H
---	Junta exterior para vidro	2L+4H
---	Junta interior para vidro	2L+4H

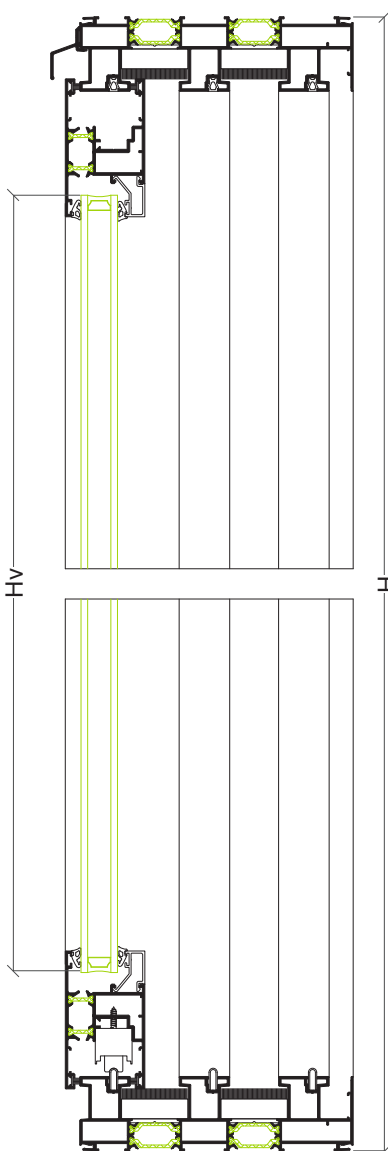
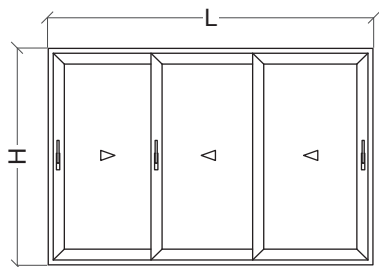
3 1 9

Vidro



















Hv = H-215 mm	Lv = L/2-138 mm
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Porta 3 folhas correr tri-rail



Perfis

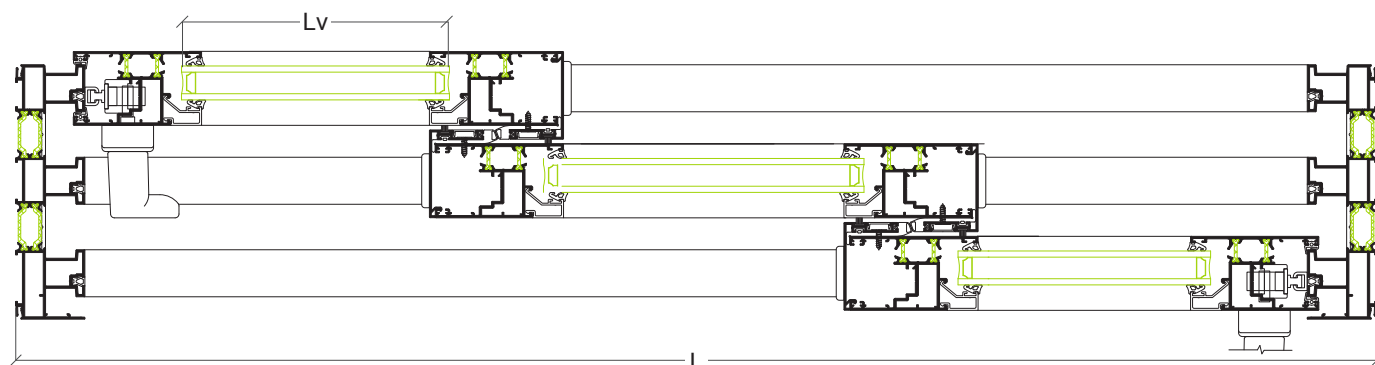
Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-09	Aro fixo tri-rail perimetral		2	L
				2	H
	CW-02	Aro móvel perimetral		6	L/3+28 mm
				6	H-75 mm
	CW-06	Tampa de cruzamento		4	H-75 mm
	CTe-03	Perfil guia		3	L-74 mm
	CT-29	Pingadeira		1	L
	KL-04	Perfil tampa central		4	H-75 mm
	---	Bite horizontal		6	L/3-98.5 mm
	---	Bite vertical		6	H-241.5 mm

Acessórios e Juntas

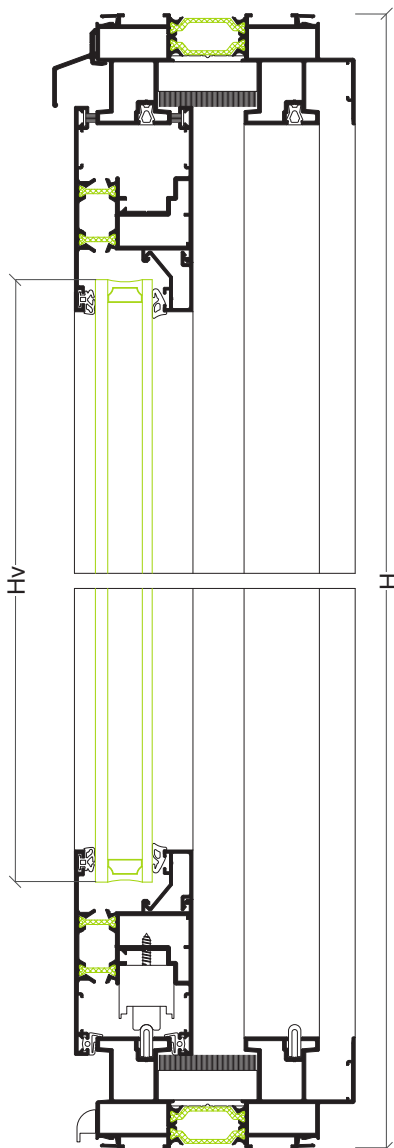
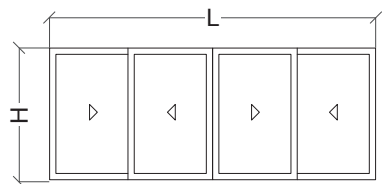
Referência	Descrição	Quantidade
30 95 60 07	Esquadro	20
30 92 01 35	Esquadro de alinhamento	28
30 95 60 14	Corta-vento inferior/superior	4
30 95 60 16	Batente lateral	4
30 94 50 35	Tampa guia	8
30 92 01 02	Goteira com válvula (preto)	diversas
30 95 60 29	Puxador desviado esquerdo (preto)	1
30 95 60 28	Puxador desviado direito (preto)	1
30 91 41 30	Ferragem multiponto 600 mm	2
30 95 60 15	Calço MP nº 4	8
30 91 41 71	Limitador	2
30 95 60 09	Rolamento duplo regulável	6
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	4H+4L
30 95 60 01	Junta tapa-canal central	4L+4H
30 95 60 02	Junta tapa-canal	3L+6H
30 95 60 03	Junta de vedação	4H
30 95 60 04	Junta central CW-02	4H
---	Junta exterior para vidro	2L+6H
---	Junta interior para vidro	2L+6H

Vidro

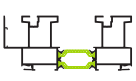


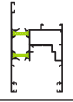












Hv = H-215 mm	Lv = L/3-113 mm
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Porta 4 folhas correr



Perfis

Desenho	Ref	Descrição	Corte	Quant	Medida
	CW-01	Aro fixo perimetral		2	L
				2	H
	CW-02	Aro móvel perimetral		8	L/4+20 mm
				8	H-75 mm
	CW-06	Tampa de cruzamento		4	H-75 mm
	CTe-03	Perfil guia		2	L-74 mm
	CT-29	Pingadeira		1	L
	KL-04	Perfil tampa central		4	H-75 mm
	CTe-09	Perfil 4 folhas		1	H-75 mm
	---	Bite horizontal		8	L/4-107 mm
	---	Bite vertical		8	H-241.5 mm

Acessórios e Juntas

Referência	Descrição	Quantidade
30 95 60 07	Esquadro	24
30 92 01 35	Esquadro de alinhamento	36
30 95 60 14	Corta-vento inferior/superior	6
30 95 60 16	Batente lateral	6
30 95 60 34	Calço 3-4 folhas	4
30 94 50 35	Tampa guia	8
30 92 01 02	Goteira com válvula (preto)	diversas
30 95 60 29	Puxador desviado esquerdo (preto)	1
30 95 60 28	Puxador desviado direito (preto)	2
30 91 41 30	Ferragem multiponto 600 mm	3
30 95 60 15	Calço MP nº 4	12
30 91 41 71	Limitador	2
30 95 60 09	Rolamento duplo regulável	8
30 95 00 40	Pelúcia 7x5.5 mm fin-seal	4L+6H
30 95 60 01	Junta tapa-canal central	2L+2H
30 95 60 02	Junta tapa-canal	2L+4H
30 95 60 03	Junta de vedação	4H
30 95 60 04	Junta central CW-02	4H
---	Junta exterior para vidro	2L+8H
---	Junta interior para vidro	2L+8H

Vidro

Hv = H-215 mm	Lv = L/4 - 120 mm
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