

# Catálogo

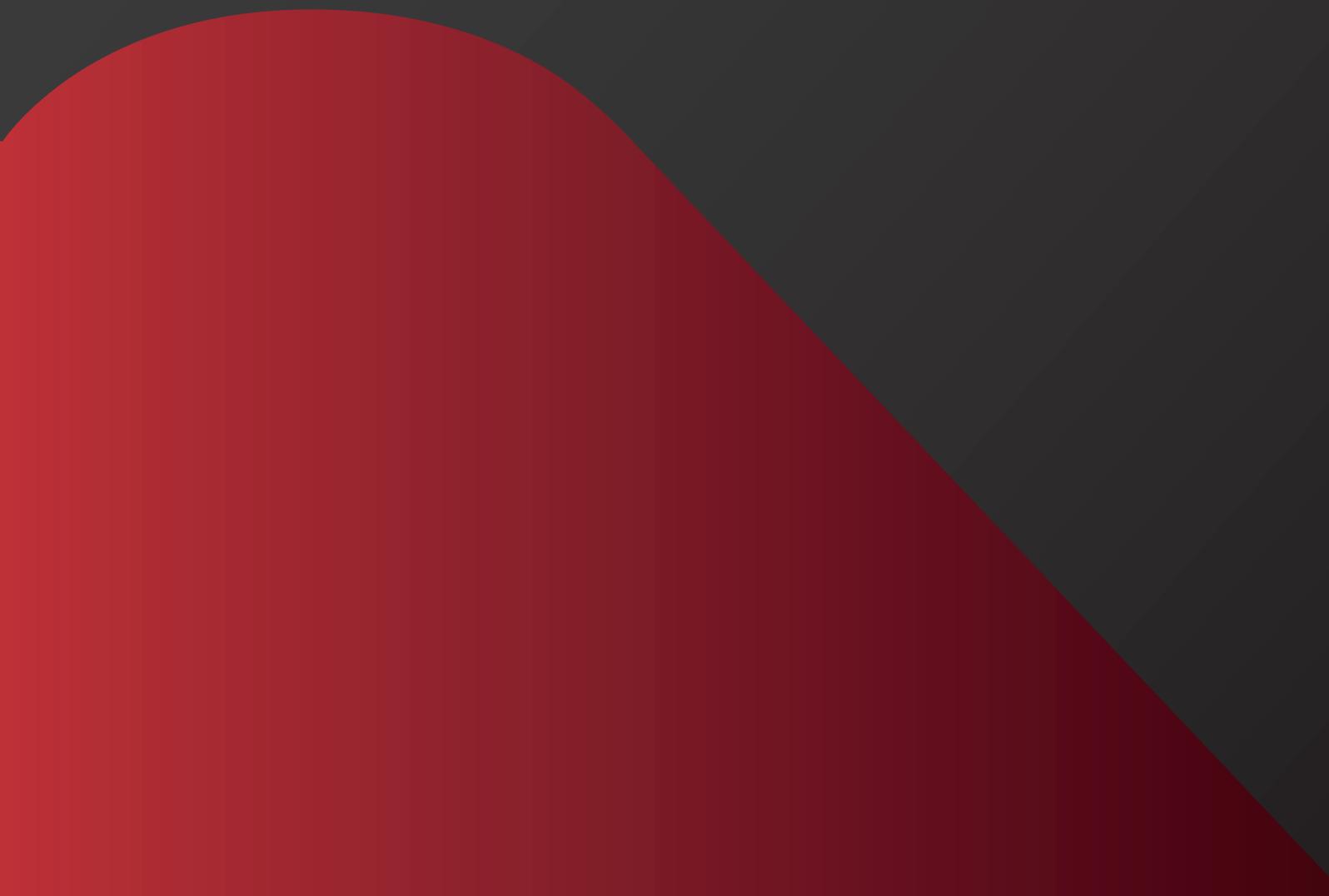
# Renoir 3.3



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# Nossa História



A CDA Metais atua no desenvolvimento de sistemas de esquadrias e fachadas, extrusão, pintura eletrostática e distribuição de alumínio para todo o Brasil. Soluções completas em alumínio.

A integração dos processos de extrusão, pintura e distribuição de perfis em alumínio, confere agilidade da qualidade do atendimento ao cliente CDA Metais.

A Total Ink, assina as operações de pintura eletrostática da CDA, concebidas para oferecerem o que há de mais moderno no mercado mundial de tratamento de superfície. Privilegia a alta produtividade e garante a qualidade do produto final, com certificados fornecidos em conjuntos com os fornecedores de tintas e produtos químicos.

## Unidades comerciais



São Paulo



Porto Alegre

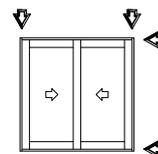


Curitiba

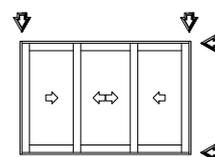
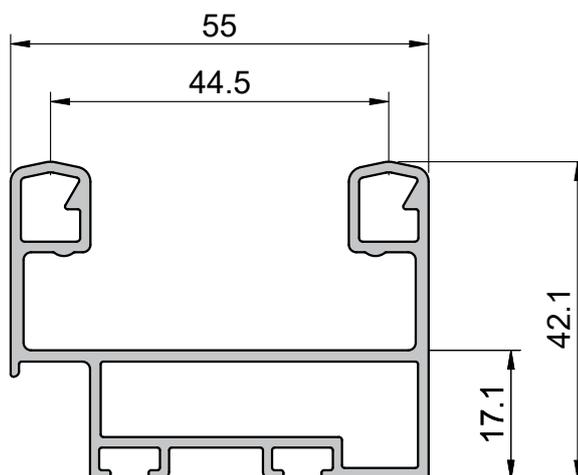


Camboriú

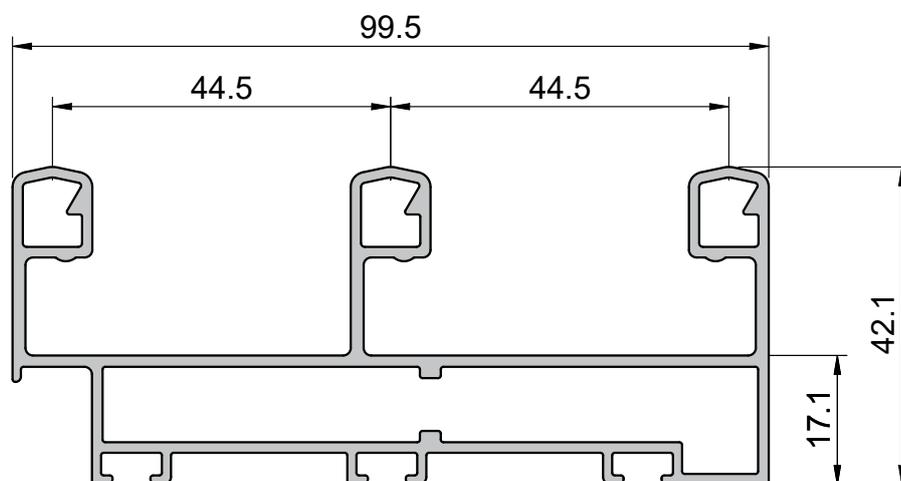
# Informações Técnicas



RE-01602	Marco 2 Planos	Peso
		0,992 kg*m

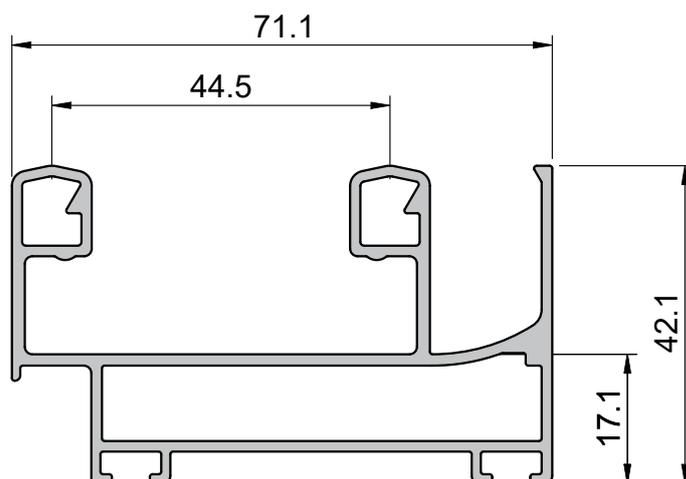
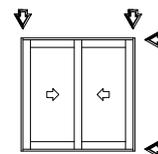


RE-01601	Marco 3 Planos	Peso
		1,612 kg*m

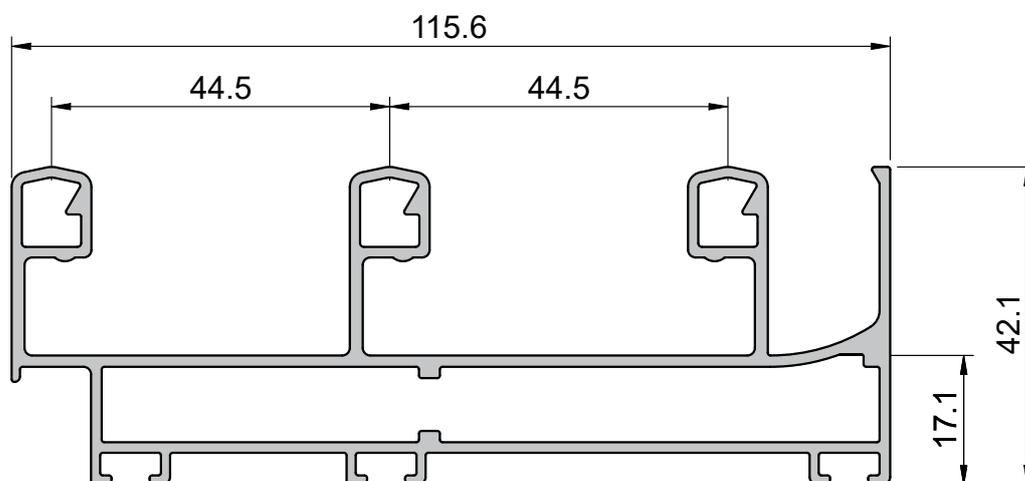
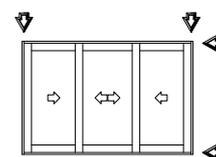


# Informações Técnicas

RE-01603	Marco 2 Planos	Peso
		1,231 kg*m

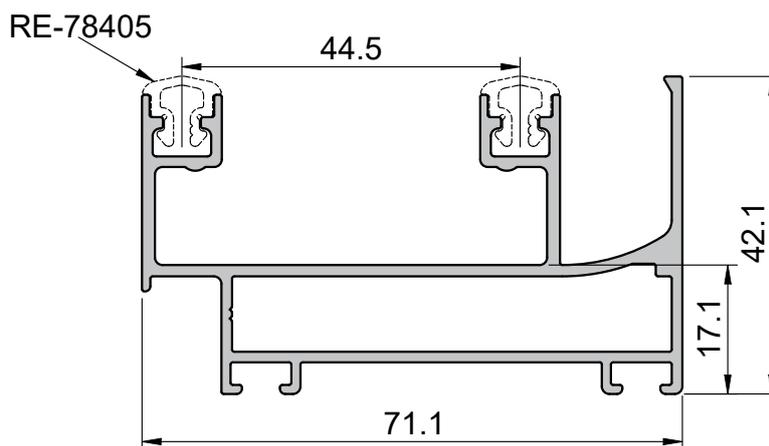
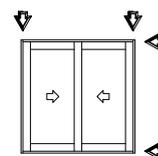


RE-01604	Marco 3 Planos	Peso
		1,849 kg*m

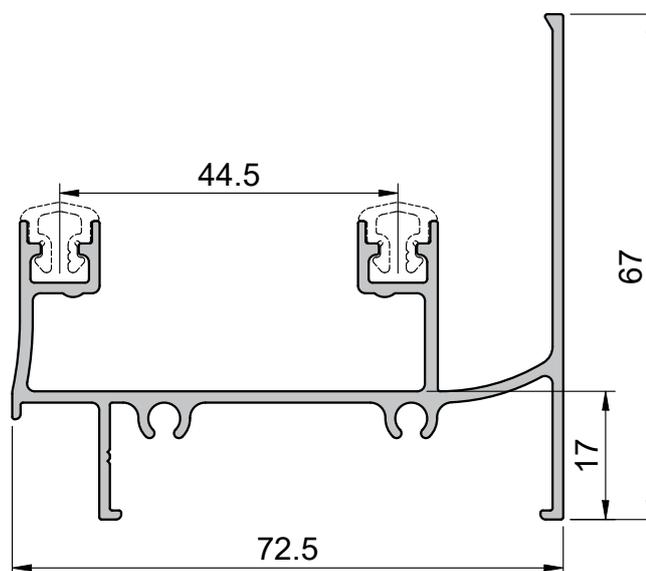
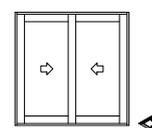


# Informações Técnicas

RE-01606	Trilho dois planos	Peso
		1,145 kg*m



RE-01005	Trilho dois planos	Peso
		1,056 kg*m

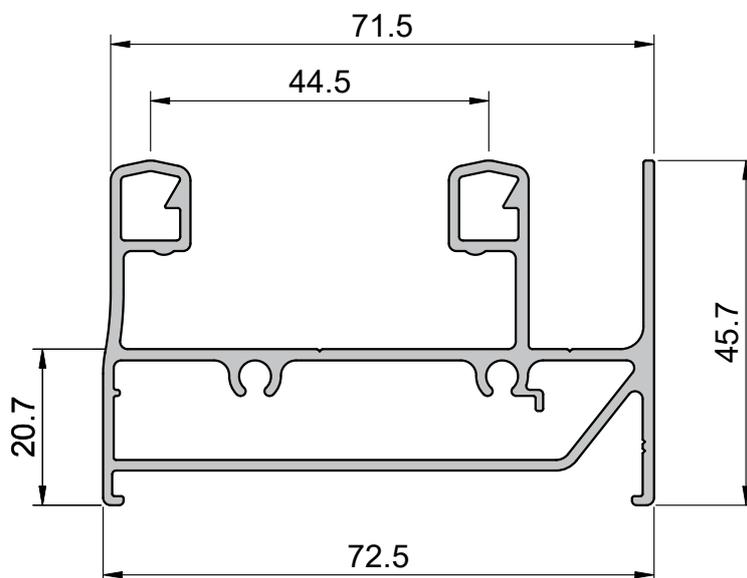
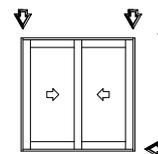


# Informações Técnicas

RE-01007

Marco  
2 Planos

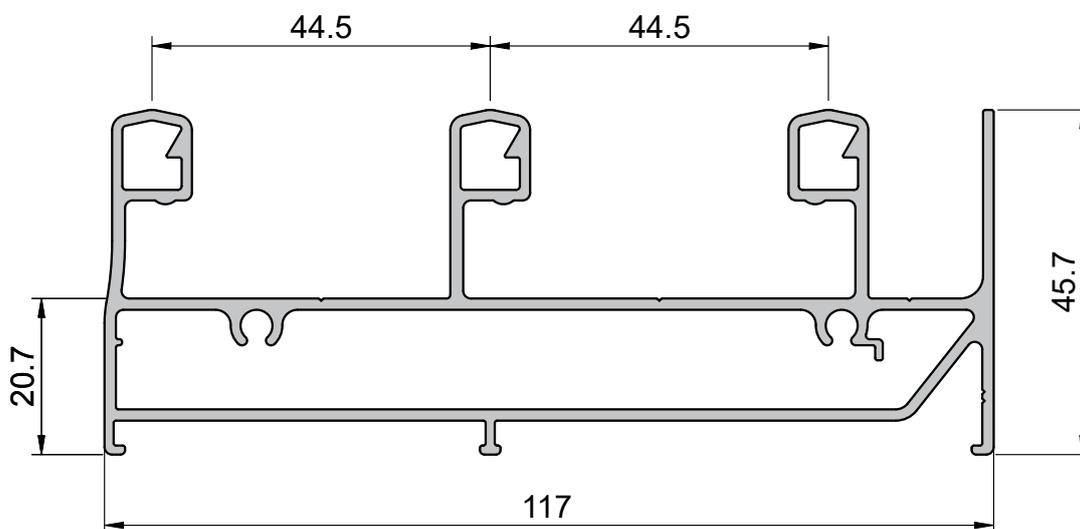
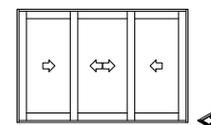
Peso  
1,370 kg\*m



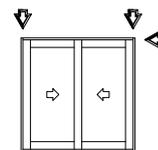
RE-01008

Marco  
3 Planos

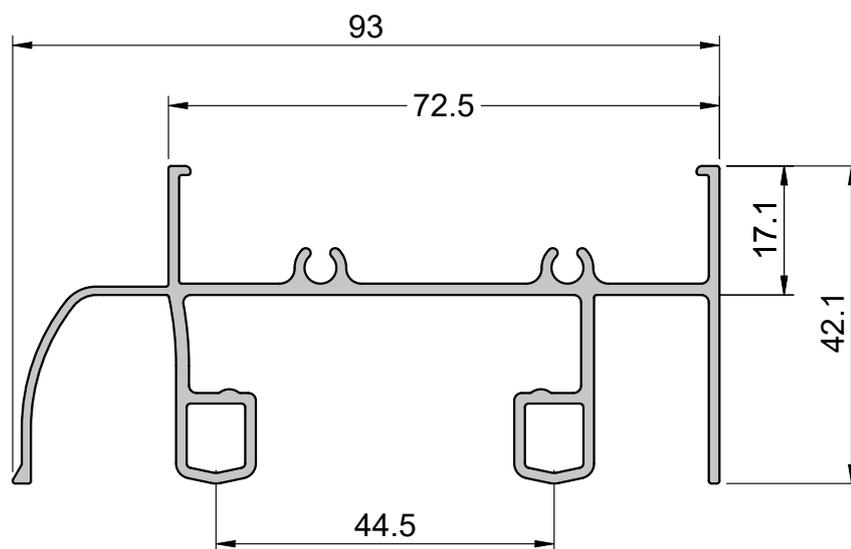
Peso  
1,988 kg\*m



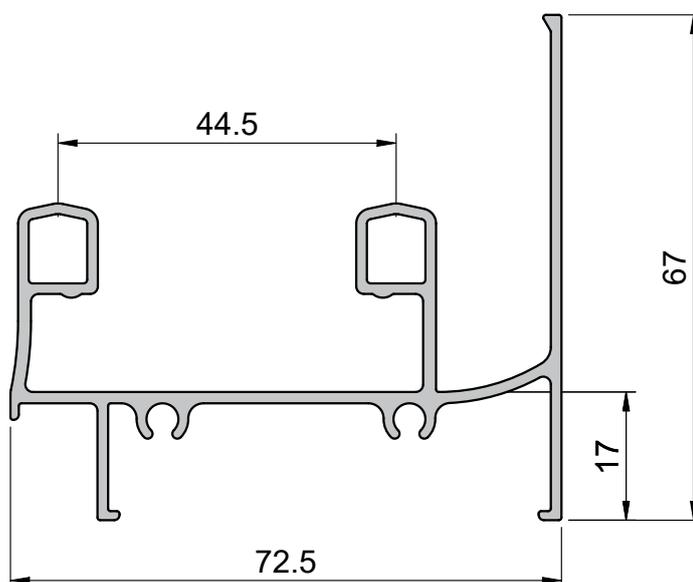
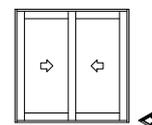
# Informações Técnicas



RE-01101	Marco Sup 2 Planos	Peso
		1,141 kg*m

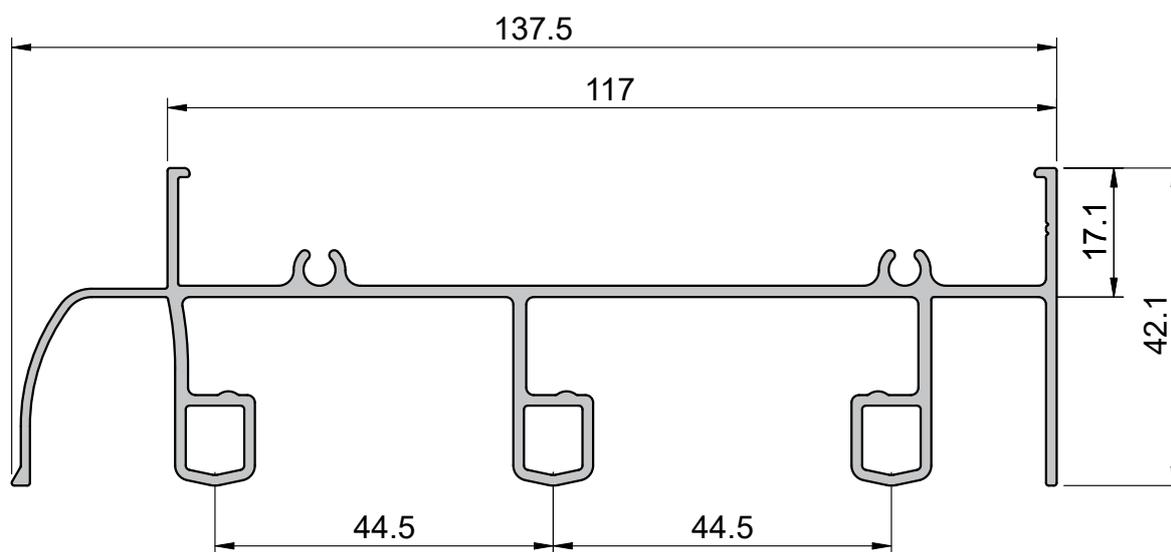
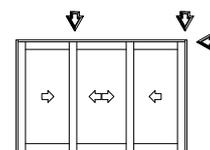


RE-01001	Marco Inferior 2 Planos	Peso
		1,122 kg*m

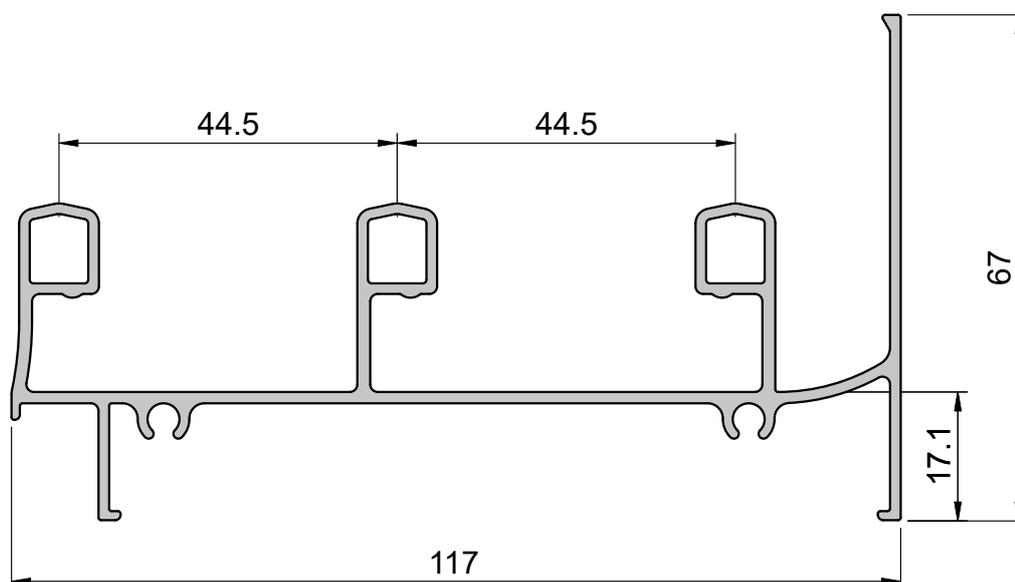
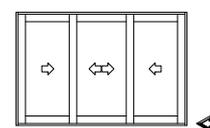


# Informações Técnicas

RE-01102	Marco Sup 3 Planos	Peso
		1,527 kg*m

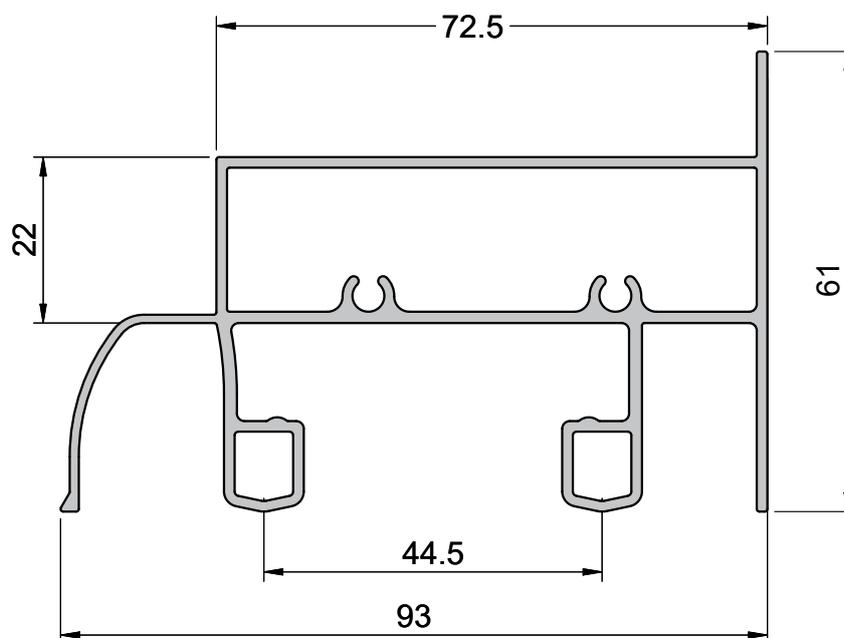
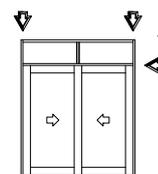


RE-01002	Marco Inferior 3 Planos	Peso
		1,508 kg*m

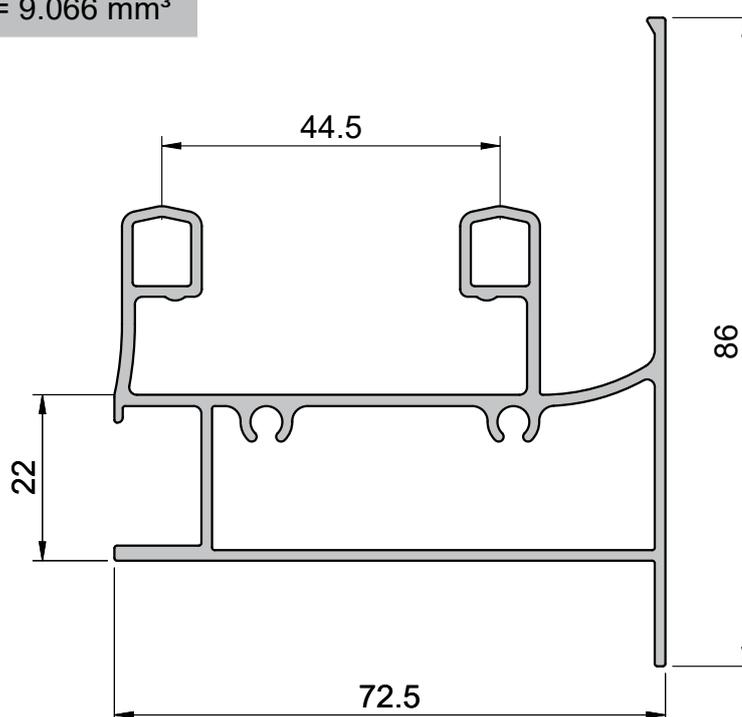
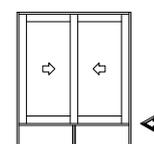


# Informações Técnicas

RE-01104	Travessa Superior 2 Planos	Peso
		1,486 kg*m
Jy = 448.817 mm <sup>4</sup>   Wy = 8.334 mm <sup>3</sup>		

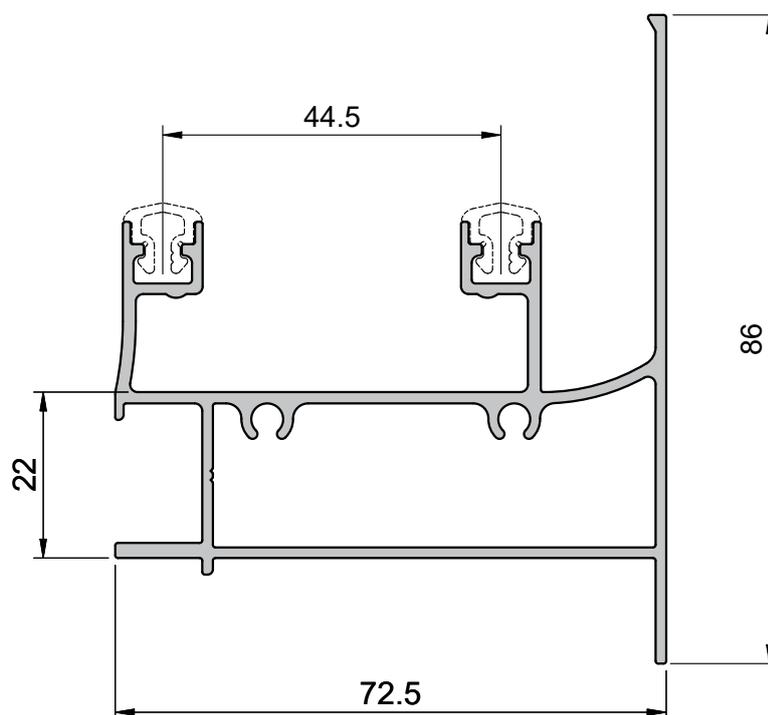
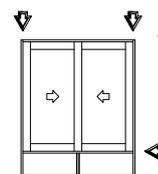


RE-01004	Travessa Inferior 2 Planos	Peso
		1,488 kg*m
Jy = 363.838 mm <sup>4</sup>   Wy = 9.066 mm <sup>3</sup>		



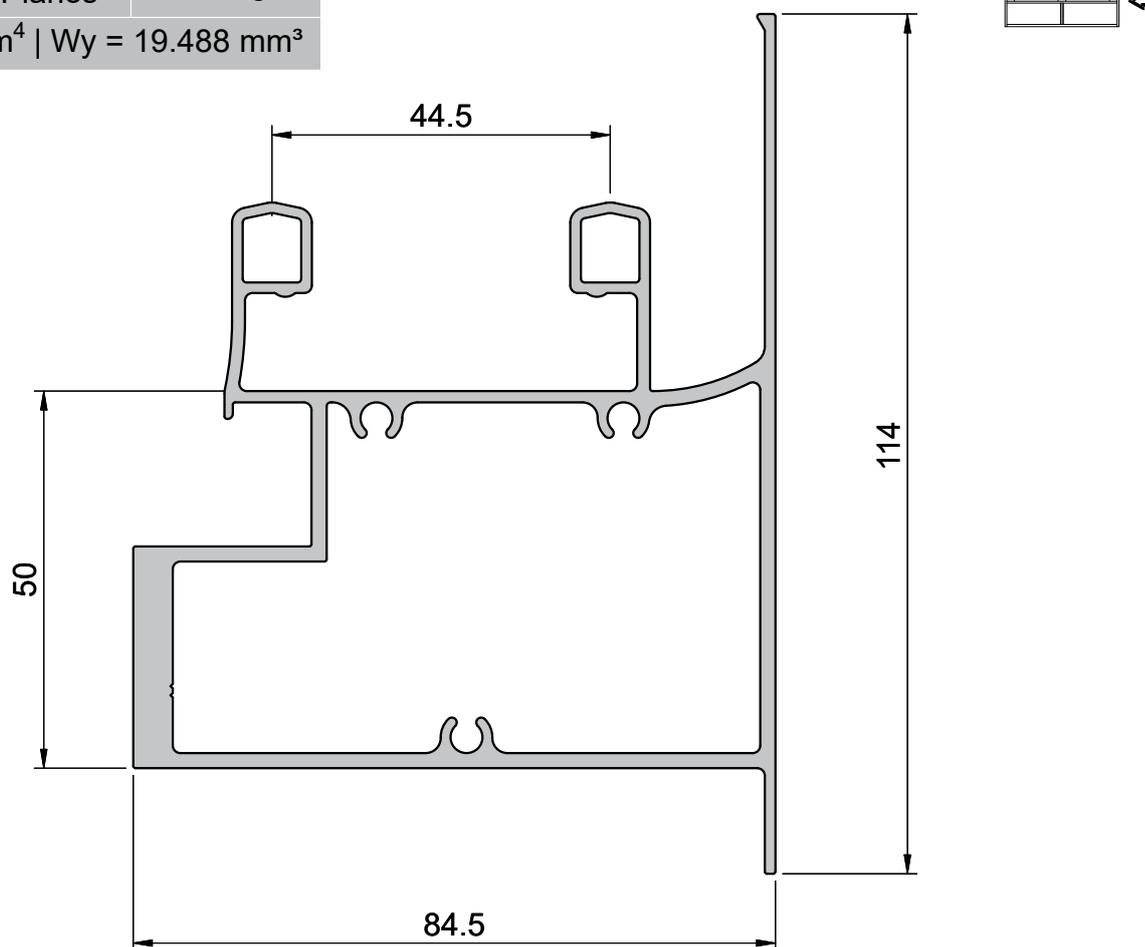
# Informações Técnicas

RE-01006	Travessa Inferior 2 Planos	Peso
		1,429 kg*m
Jy = 350.193 mm <sup>4</sup>   Wy = 9.641 mm <sup>3</sup>		

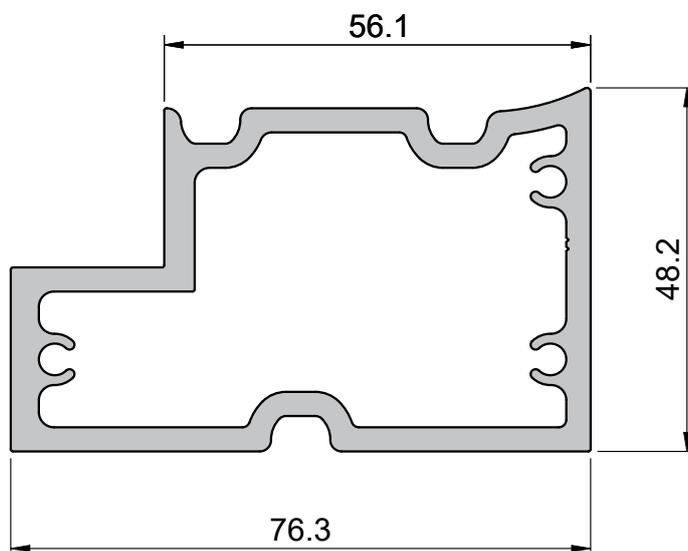


# Informações Técnicas

RE-33104	Travessa Inferior 2 Planos	Peso
		2,433 kg*m
Jy = 848.534 mm <sup>4</sup>   Wy = 19.488 mm <sup>3</sup>		

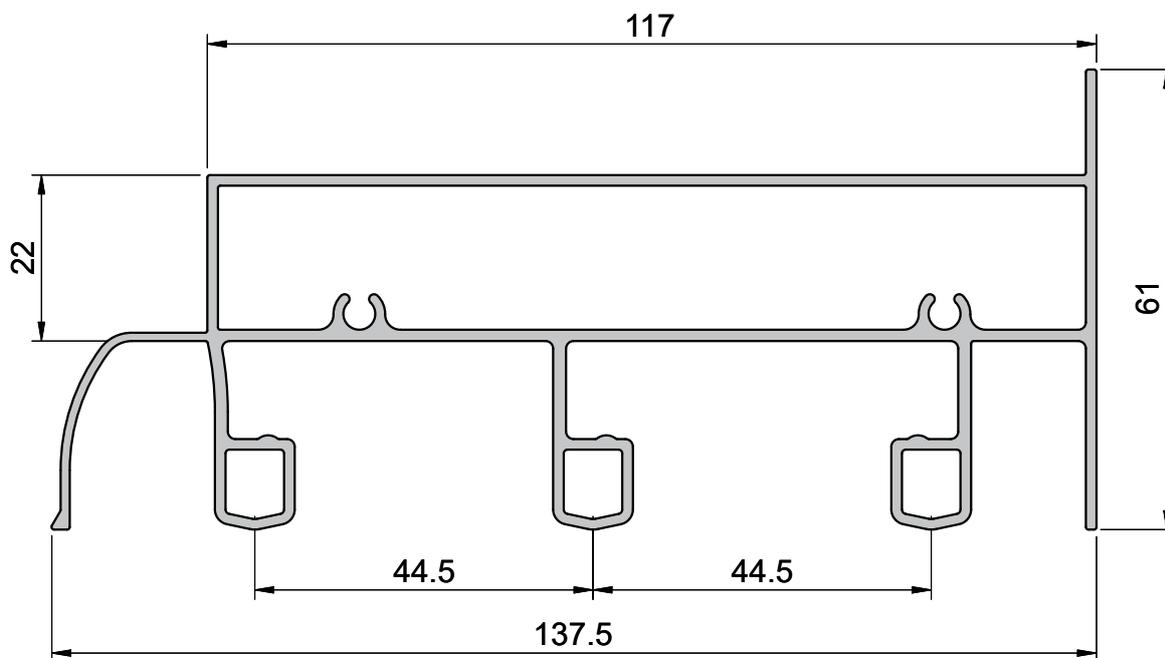
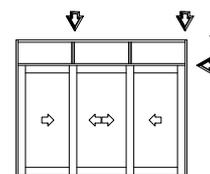


RE-33105	Luva	Peso
		2,329 kg*m
JY = 580.271 mm <sup>4</sup>   Wy = 14.350 mm <sup>3</sup>		

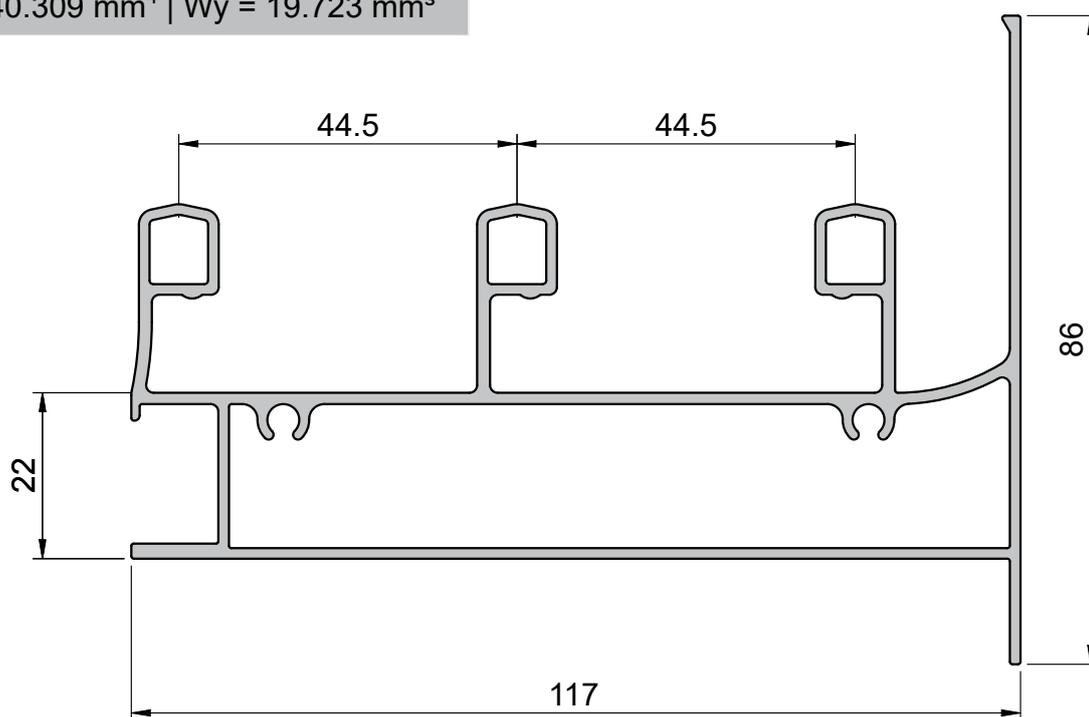
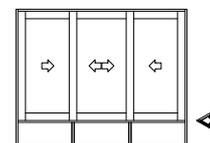


# Informações Técnicas

RE-01103	Travessa Superior 3 Planos	Peso
		2,041 kg*m
Jy = 1.377.527 mm <sup>4</sup>   Wy = 18.083 mm <sup>3</sup>		

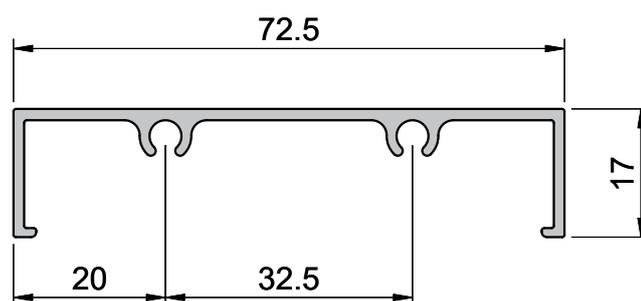
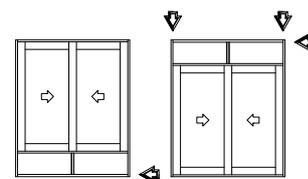


RE-01003	Travessa Inferior 3 Planos	Peso
		2,048 kg*m
Jy = 1.240.309 mm <sup>4</sup>   Wy = 19.723 mm <sup>3</sup>		

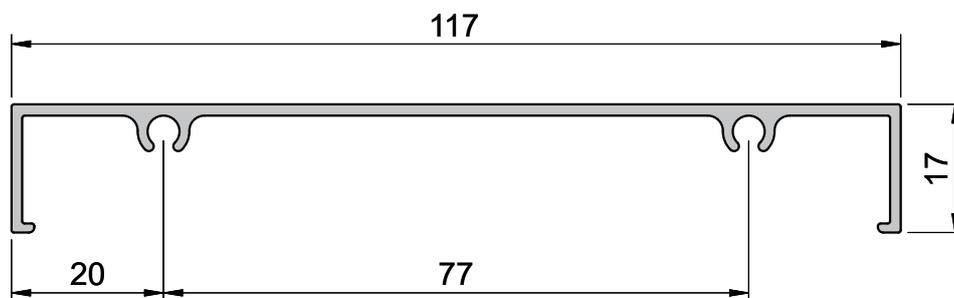
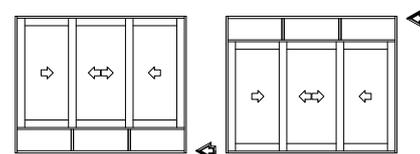


# Informações Técnicas

RE-01304	Marco Sup/Inf 2 Planos	Peso
		0,509 kg*m

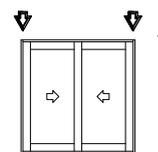
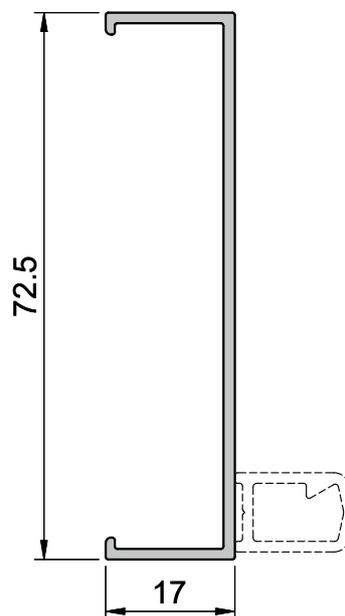


RE-01303	Marco Sup/Inf 3 Planos	Peso
		0,689 kg*m

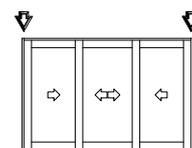
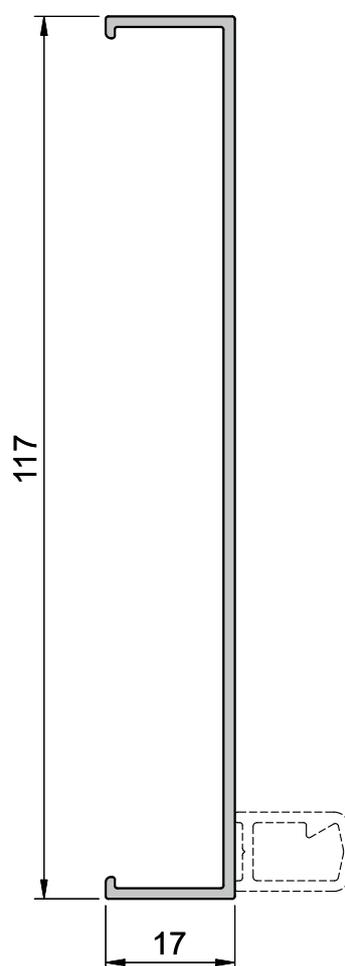


# Informações Técnicas

RE-01301	Marco Lateral 2 Planos	Peso
		0,421 kg*m

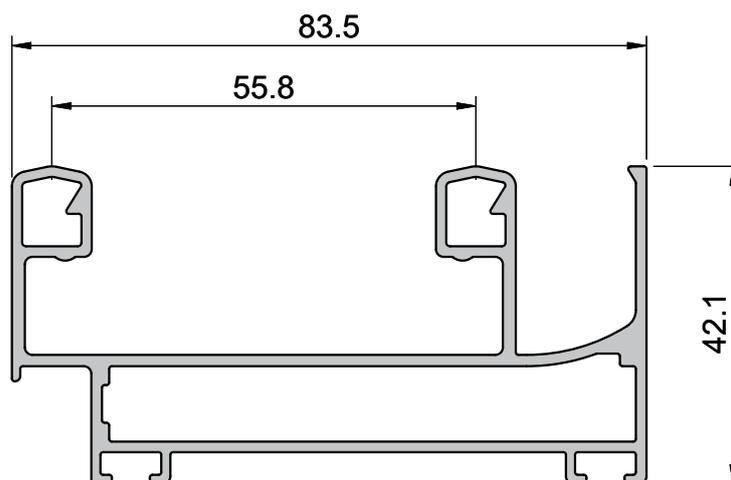
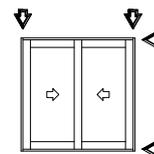


RE-01302	Marco Lateral 3 Planos	Peso
		0,602 kg*m

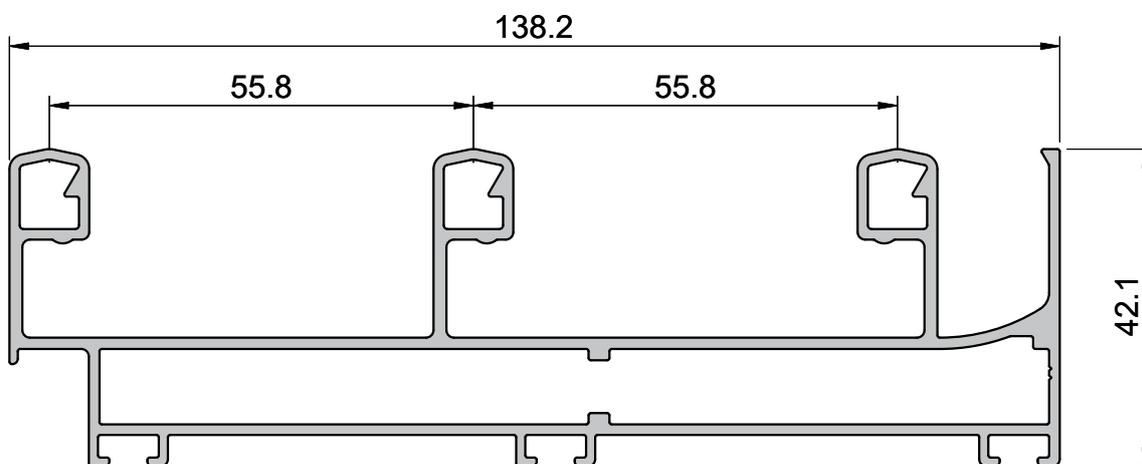
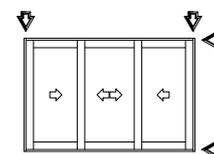


# Informações Técnicas

RE-01605	Marco 2 Planos Vidro Colado	Peso
		1,339 kg*m

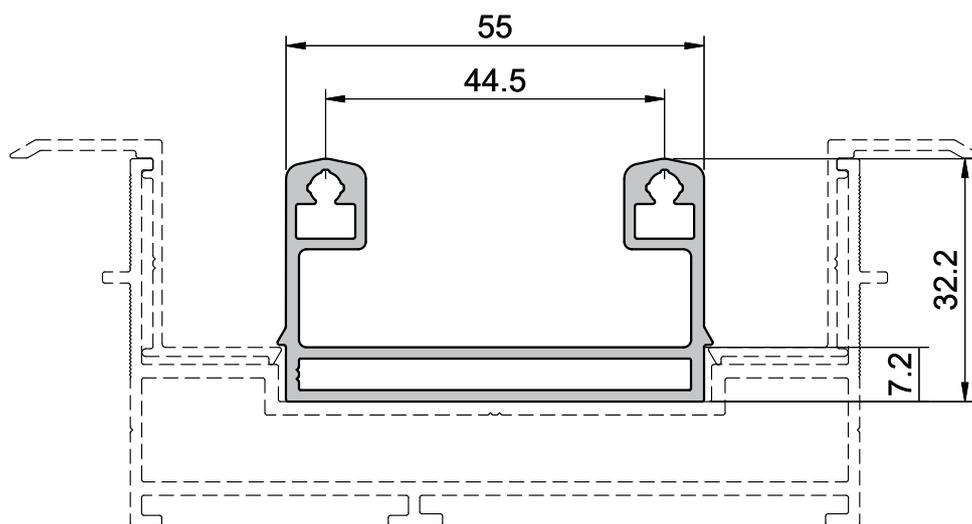
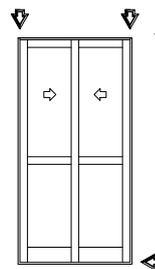


RE-01607	Marco 3 Planos Vidro Colado	Peso
		2,027 kg*m

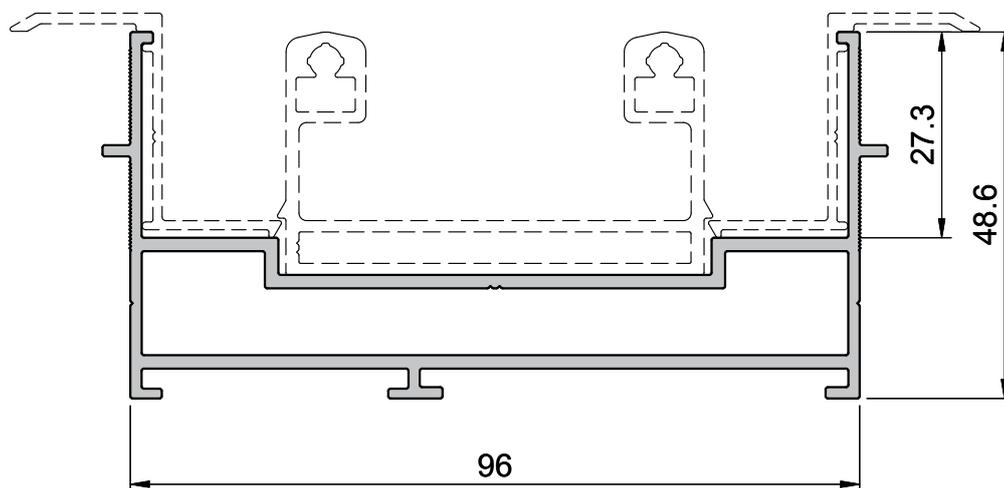
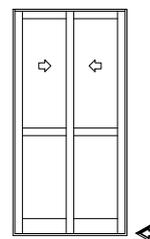


# Informações Técnicas

CX-3615	Trilho Imbutido 2 Planos	Peso
		0,993 kg*m

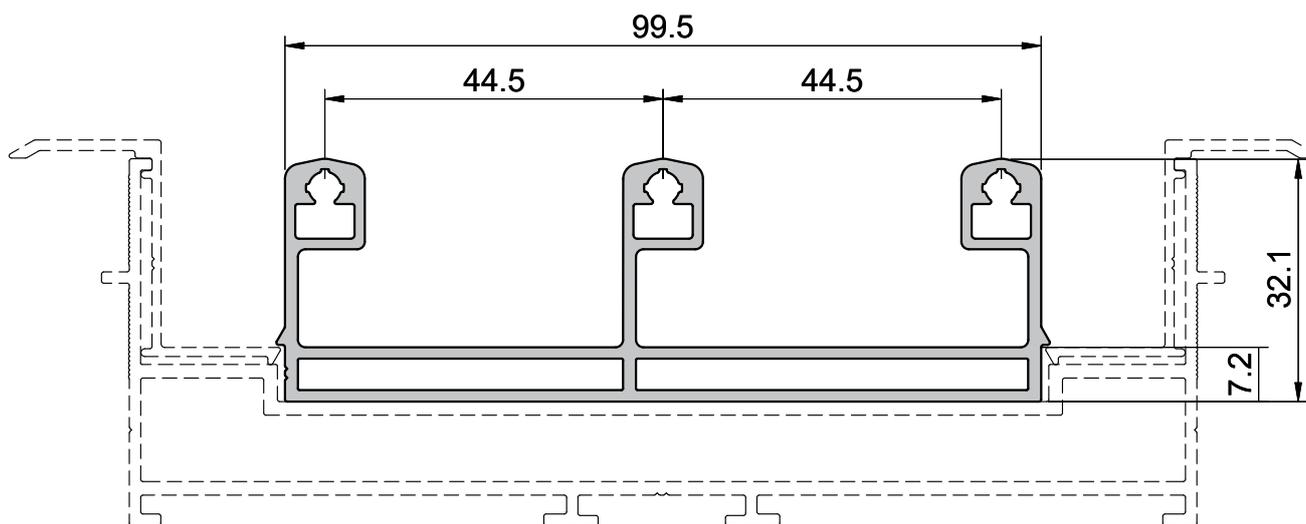
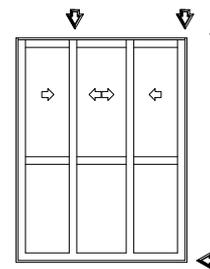


CX-3617	Contarmarco Imbutido 2 Planos	Peso
		1,437 kg*m

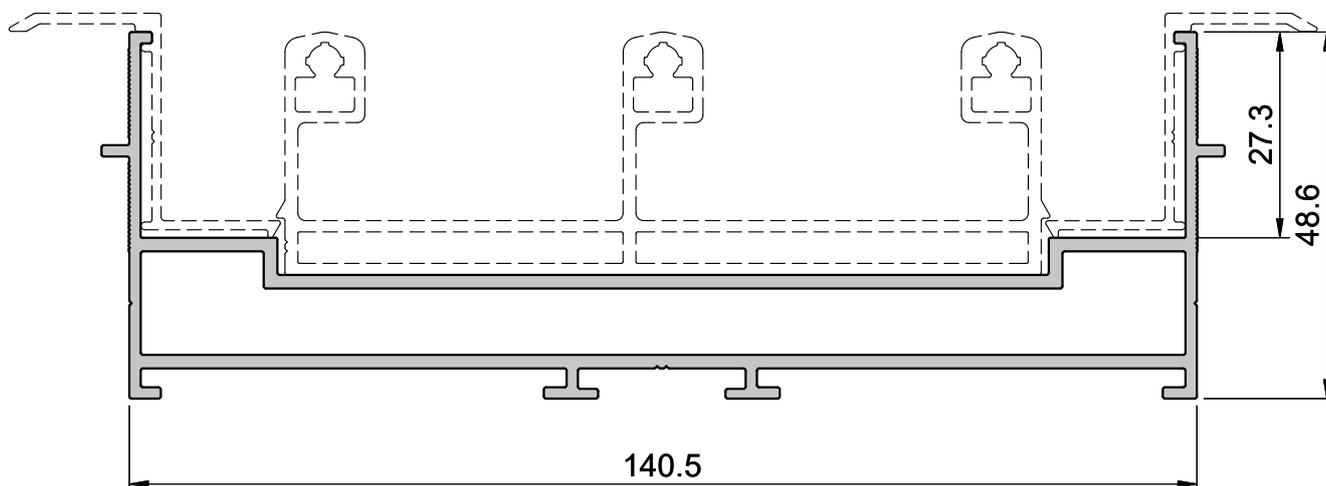
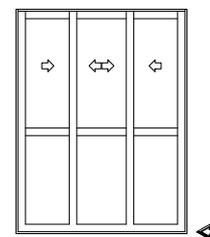


# Informações Técnicas

CX-3715	Trilho Imbutido 3 Planos	Peso
		1,617 kg*m

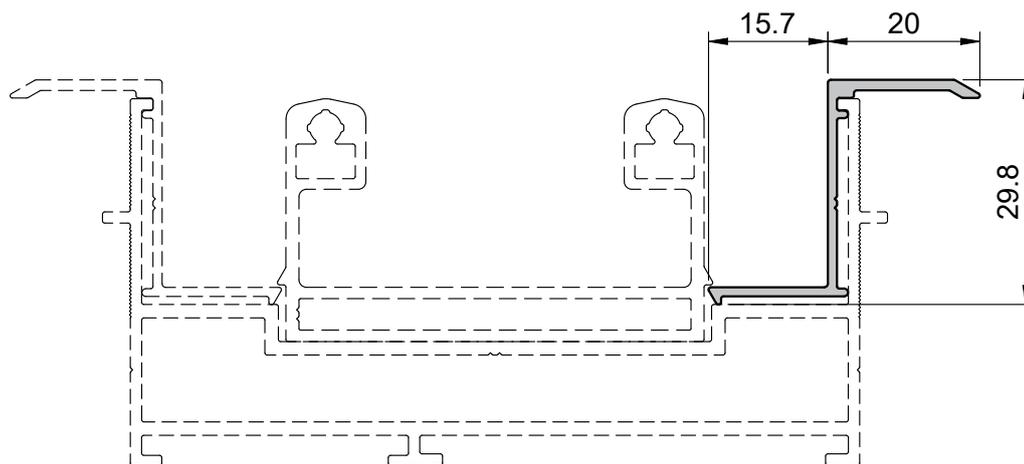
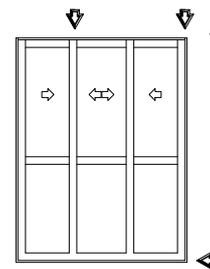


CX-3717	Contarmarco Imbutido 3 Planos	Peso
		1,916 kg*m



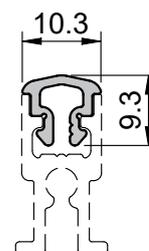
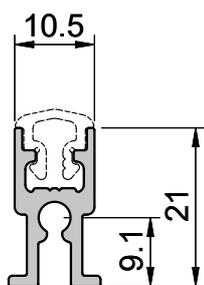
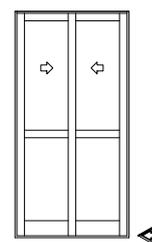
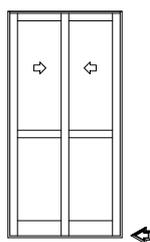
# Informações Técnicas

CX-3616	Arremate Trilho Imbutido	Peso
		0,231 kg*m



RE-78404	Trilho Inferior	Peso
		0,254 kg*m

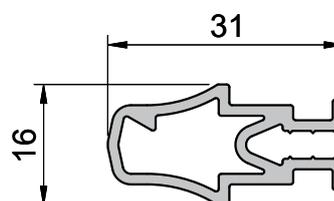
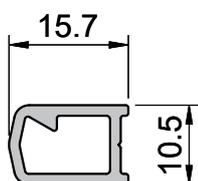
RE-78405	Trilho Inferior	Peso
		0,096 kg*m



# Informações Técnicas

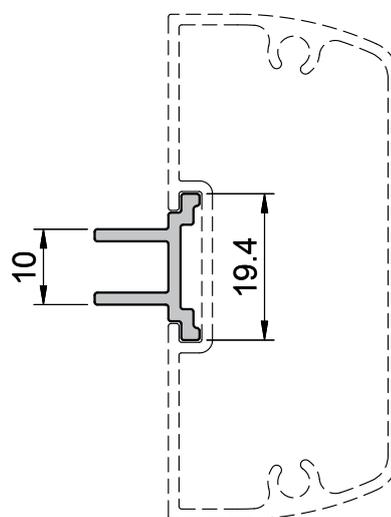
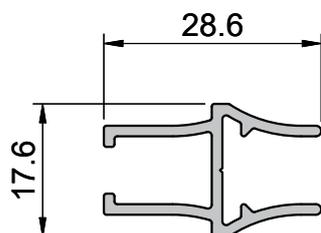
RE-78301	Mata Junta	Peso
		0,180 kg*m

RE-78401	Mata Junta Central	Peso
		0,380 kg*m



RE-78403	Mata Junta Central	Peso
		0,297 kg*m

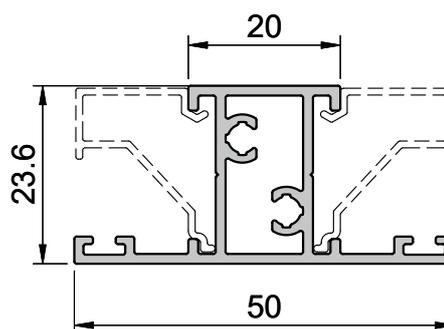
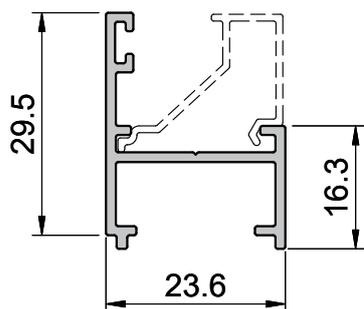
RE-82401	Apoio do Vidro	Peso
		0,189 kg*m



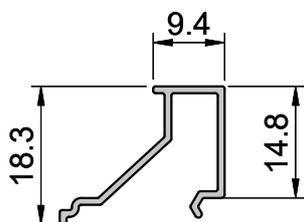
# Informações Técnicas

ALG-942	Marco Fixo	Peso
		0,292 kg*m

ALG-936	Travessa Fixo	Peso
		0,525 kg*m
Jx = 14.488 mm <sup>4</sup>   Wx = 983 mm <sup>3</sup>		



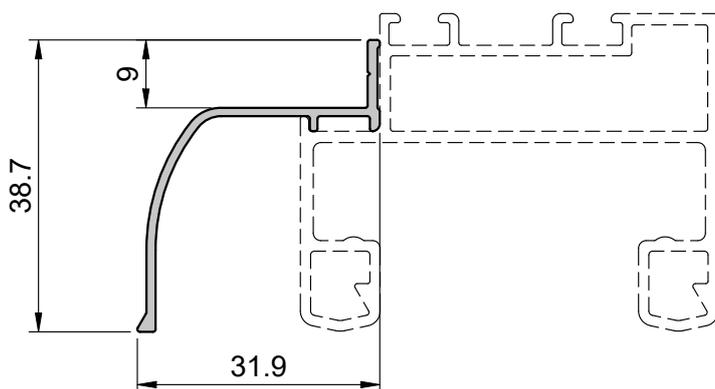
ALG-941	Baguete	Peso
		0,132 kg*m



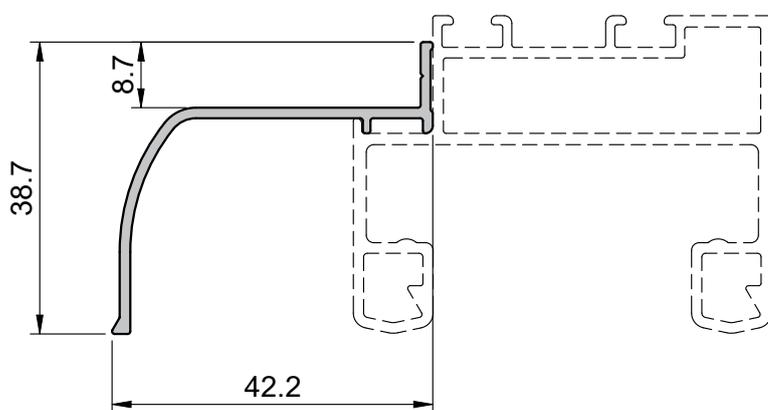
# Informações Técnicas



RE-72101	Pingadeira	Peso
		0,216 kg*m

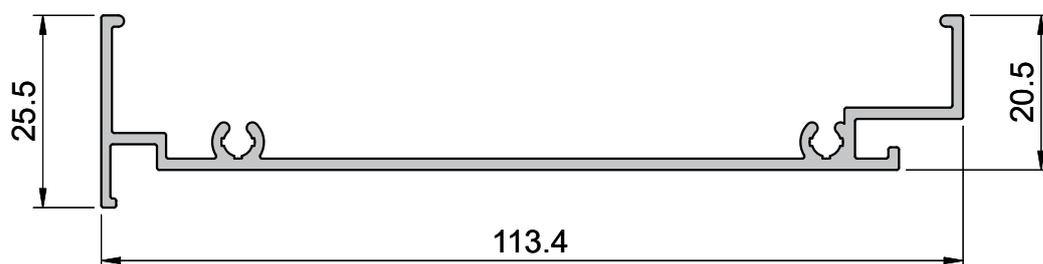
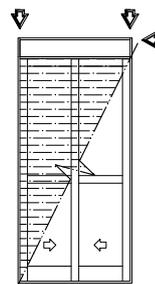


RE-72102	Pingadeira para vidro colado	Peso
		0,289 kg*m

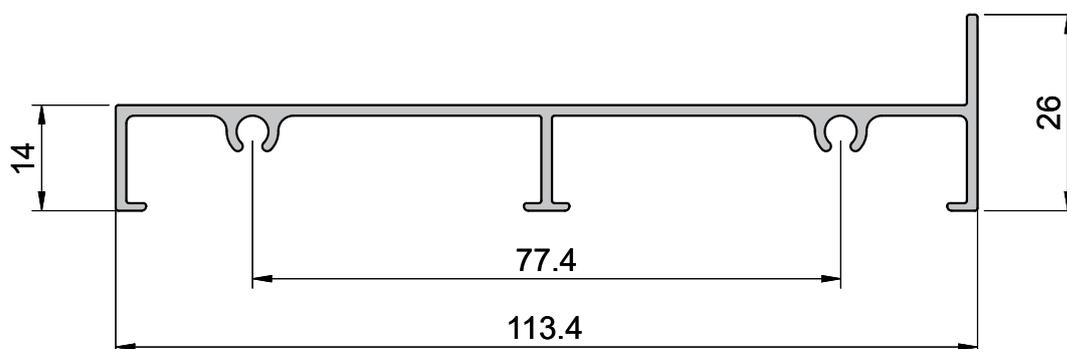
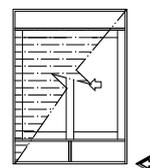


# Informações Técnicas

ALG-1001	Marco Superior Integrada	Peso
		0,747 kg*m

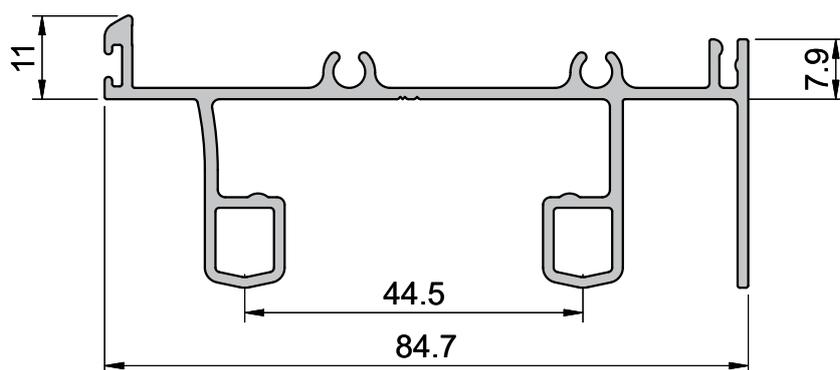
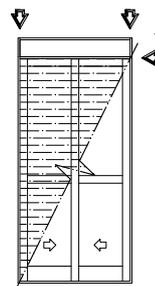


CX-3415	Travessa Inferior Integrada	Peso
		0,732 kg*m

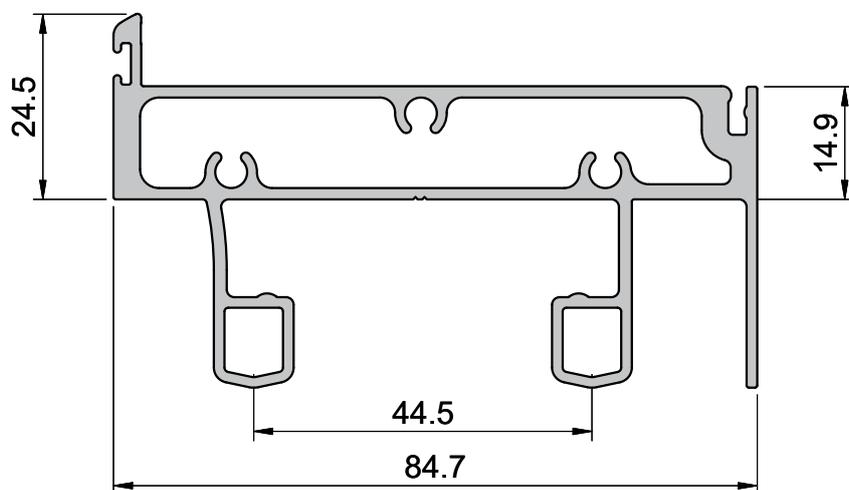
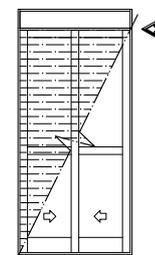


# Informações Técnicas

RE-01201	Travessa Intermediária Integrada	Peso
		1,043 kg*m
Jy = 293.632 mm <sup>4</sup>   Wy = 6.441 mm <sup>3</sup>		

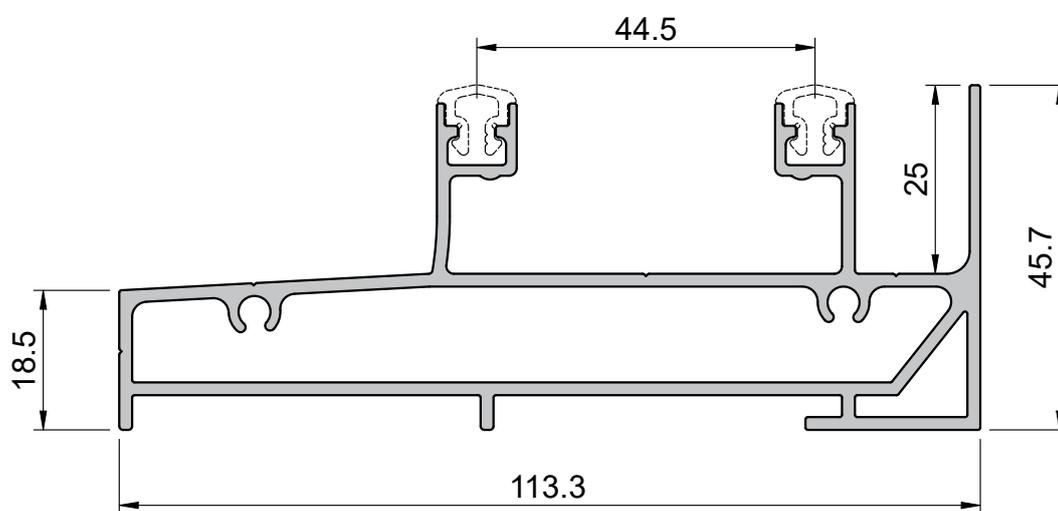
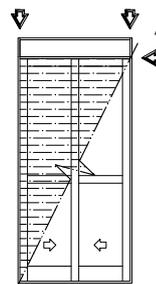


RE-01202	Travessa Intermediária Integrada	Peso
		1,677 kg*m
Jy = 521.075 mm <sup>4</sup>   Wy = 11.909 mm <sup>3</sup>		



# Informações Técnicas

RE-01203	Trilho inferior integrada duas folhas	Peso
		1,893 kg*m

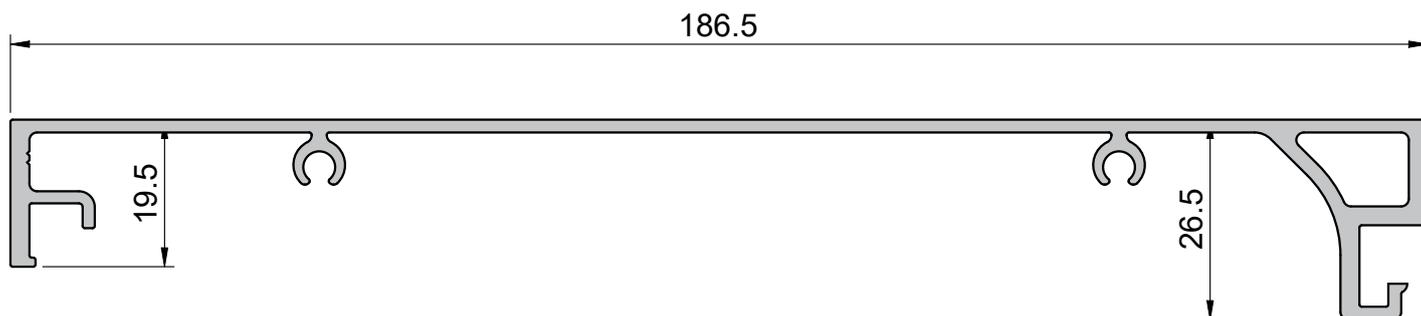
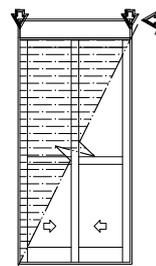


# Informações Técnicas

RE-44201

Marco 02 /tampa superior - Persianas integradas com 189,5mm.

Peso  
1,500 kg\*m

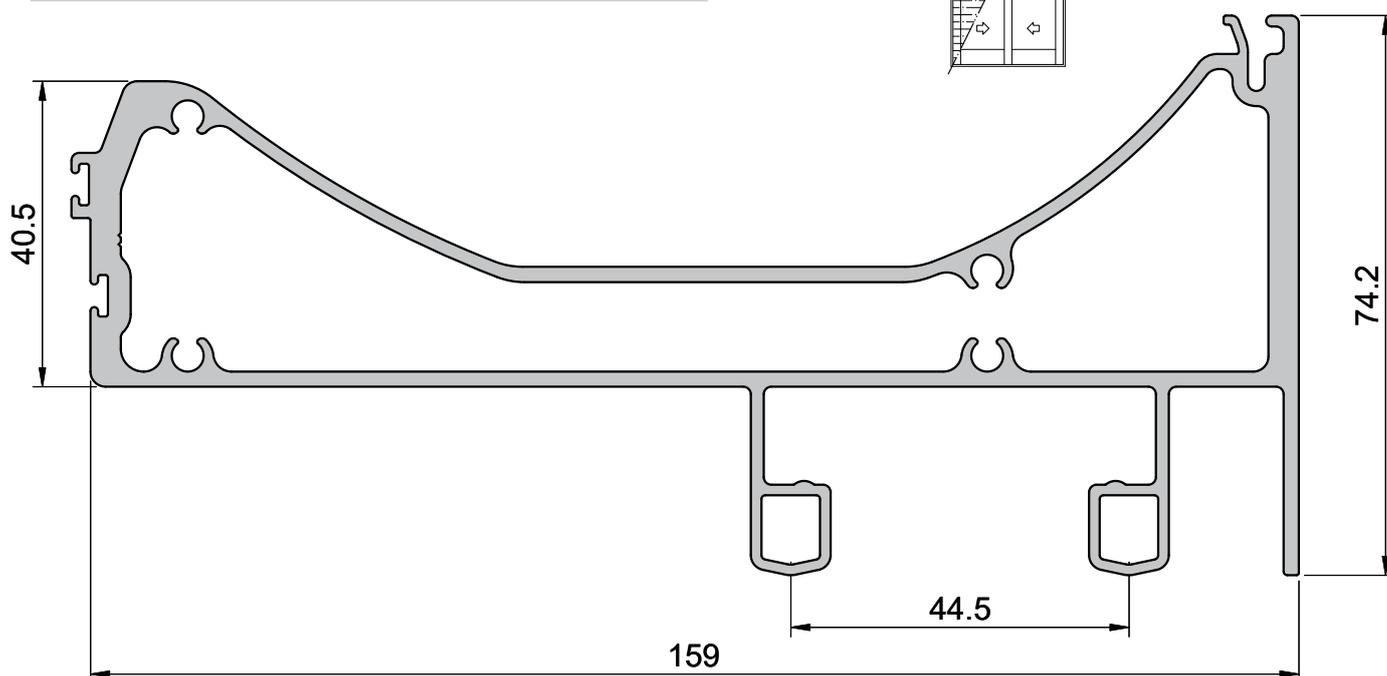
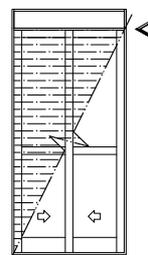


RE-33202

Travessa Intermediária Integrada

Peso  
3,449 kg\*m

$J_y = 4.168.657 \text{ mm}^4$  |  $W_y = 45.936 \text{ mm}^3$

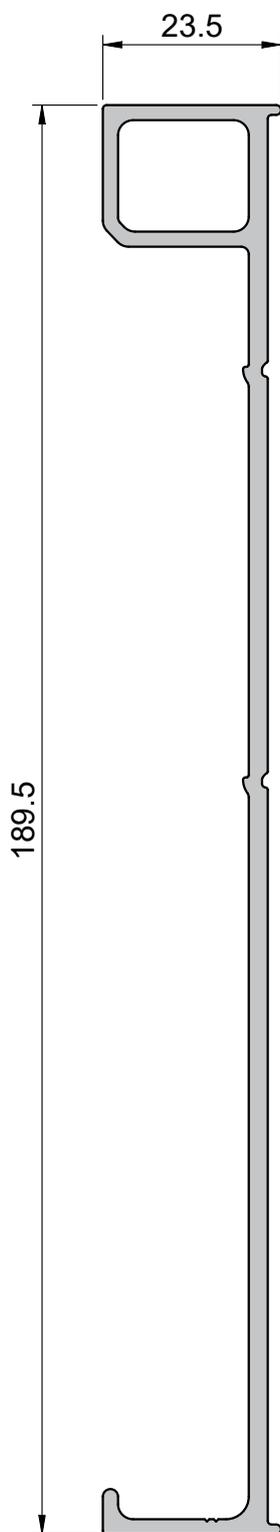
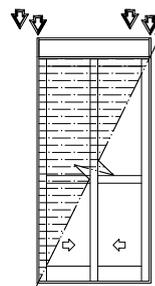


# Informações Técnicas

RE-44200

Marco Lateral  
Persiana Integrada

Peso  
1,727 kg\*m

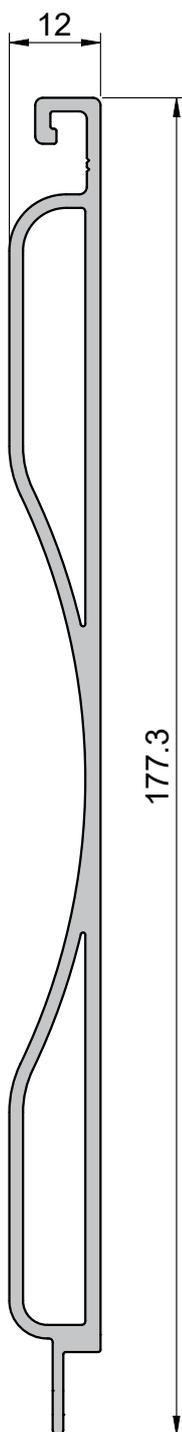
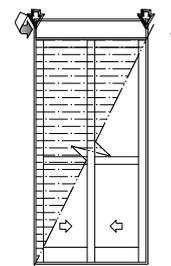


# Informações Técnicas

RE-44203

Tampa Frontal (Interna)  
Persianas Integradas

Peso  
1,716 kg\*m

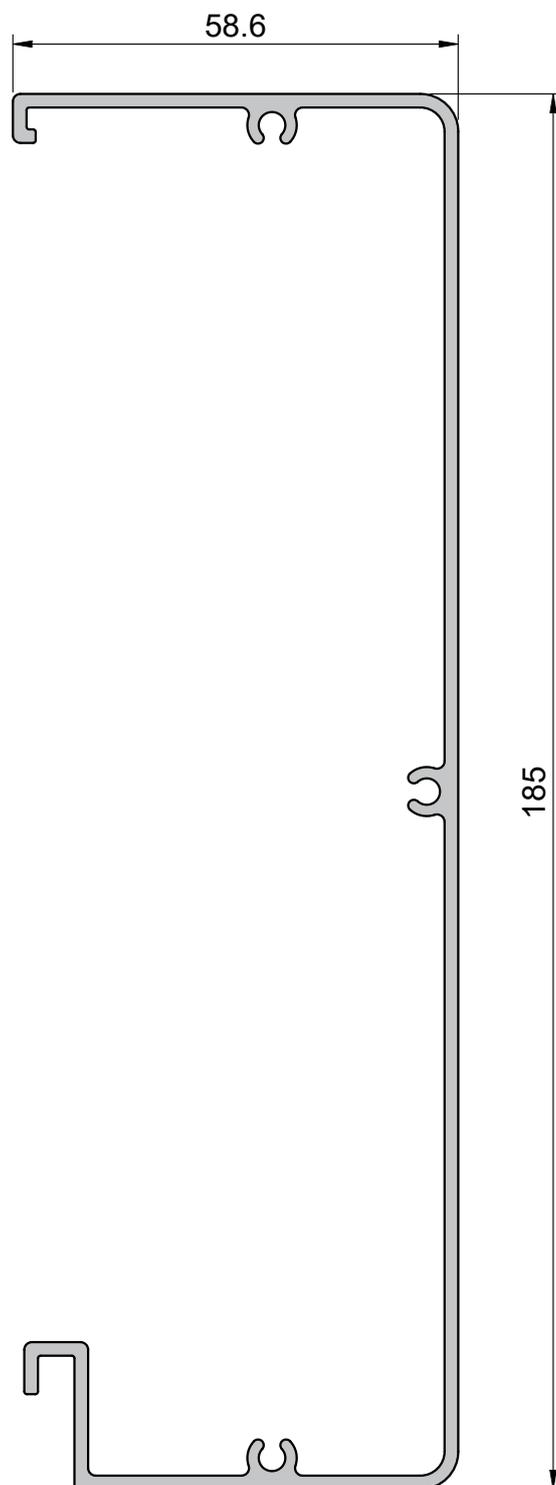
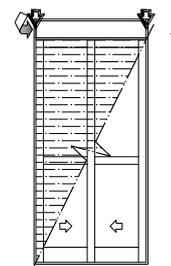


# Informações Técnicas

ALG-230

Tampa Frontal (Interna)  
Persianas Integradas

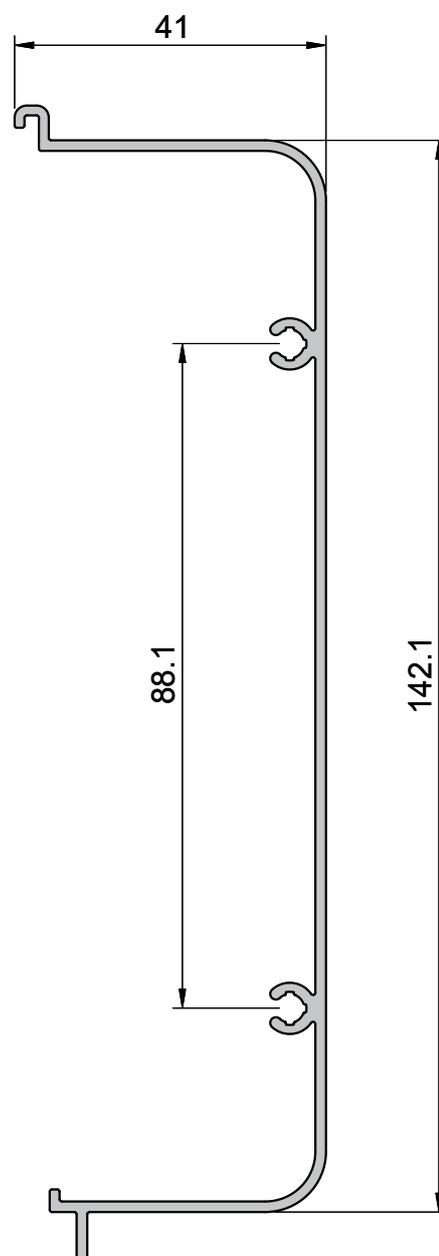
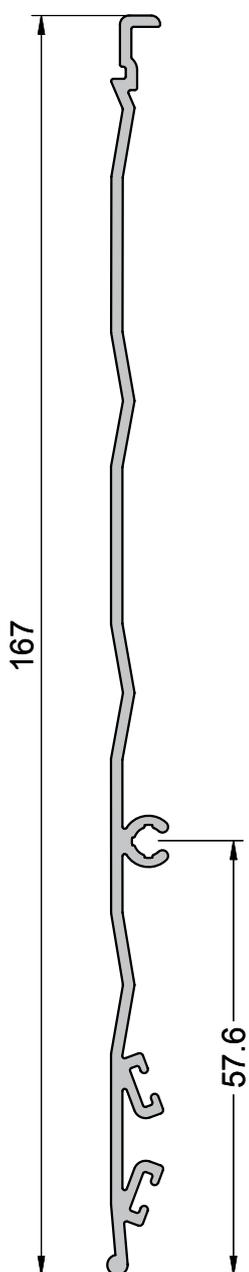
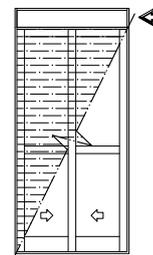
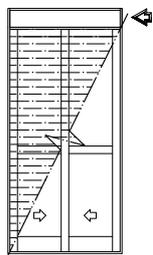
Peso  
1,720 kg\*m



# Informações Técnicas

ALG-1007	Tampa Externa Integrada	Peso
		0,868 kg*m

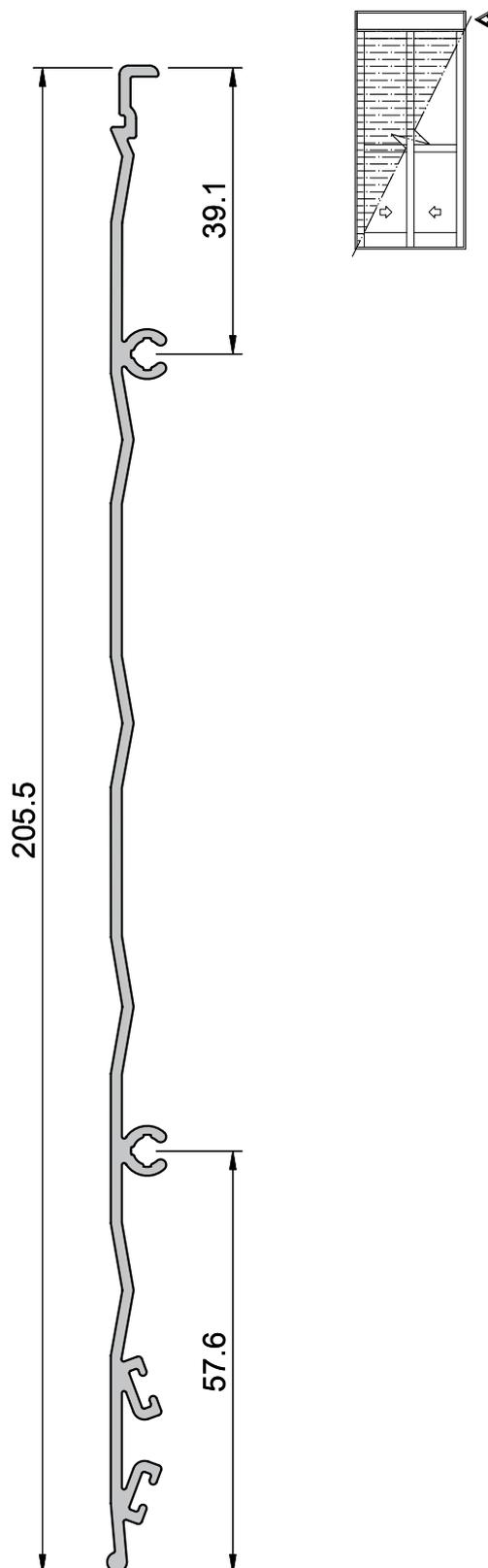
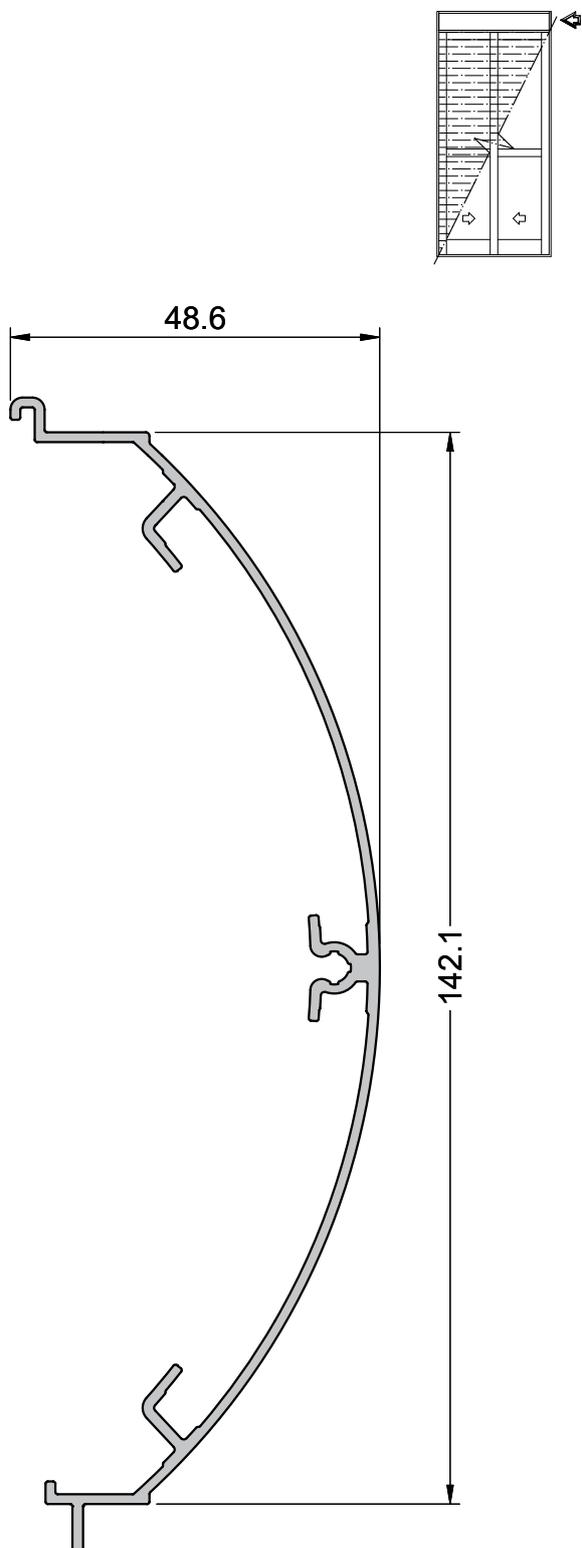
ALG-1041	Tampa Interna Integrada	Peso
		0,949 kg*m



# Informações Técnicas

ALG-1006	Tampa Interna Integrada	Peso
		0,937 kg*m

ALG-1010	Tampa Externa Integrada	Peso
		1,080 kg*m

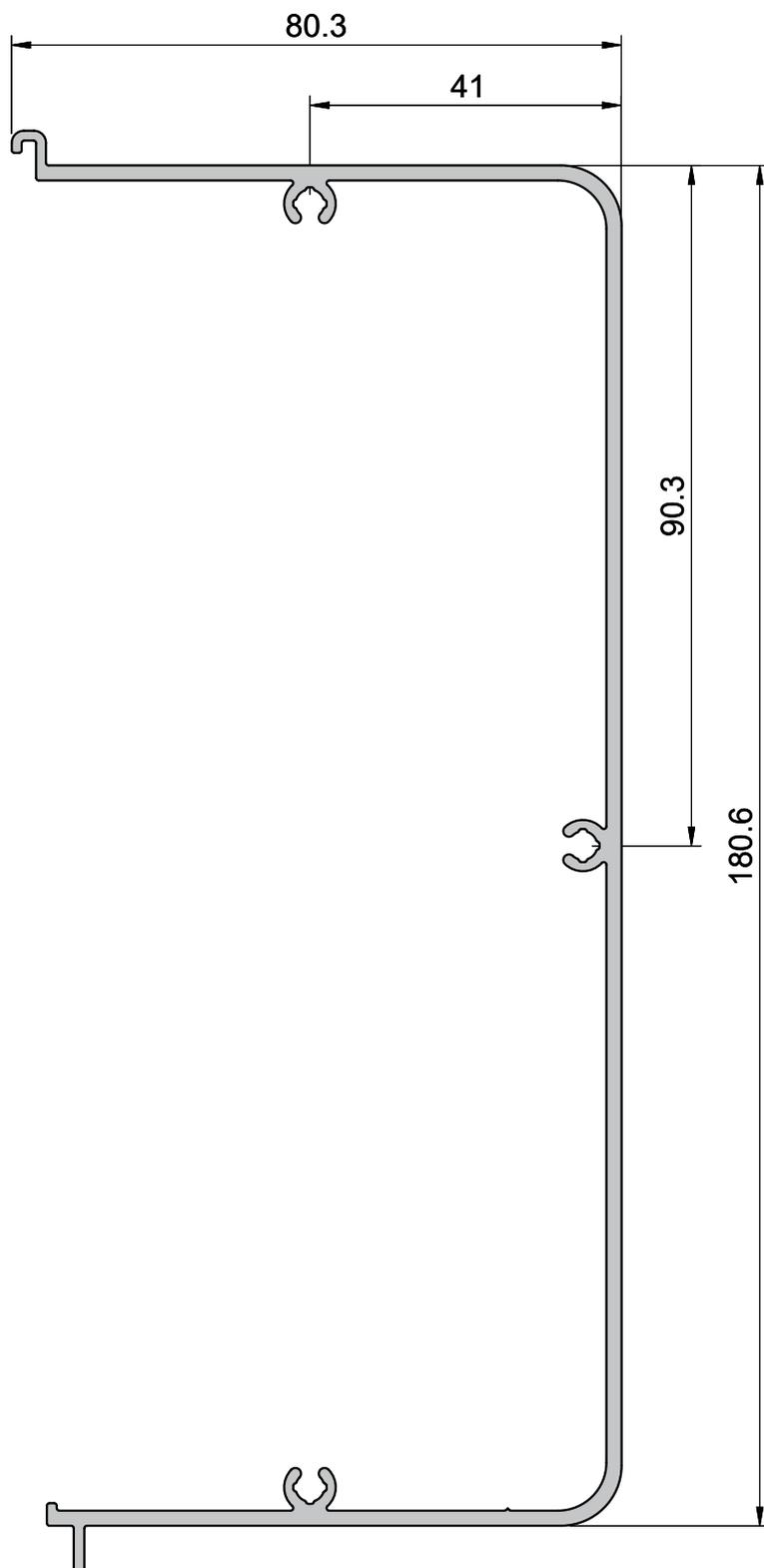
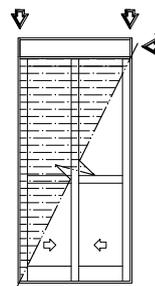


# Informações Técnicas

ALG-1042

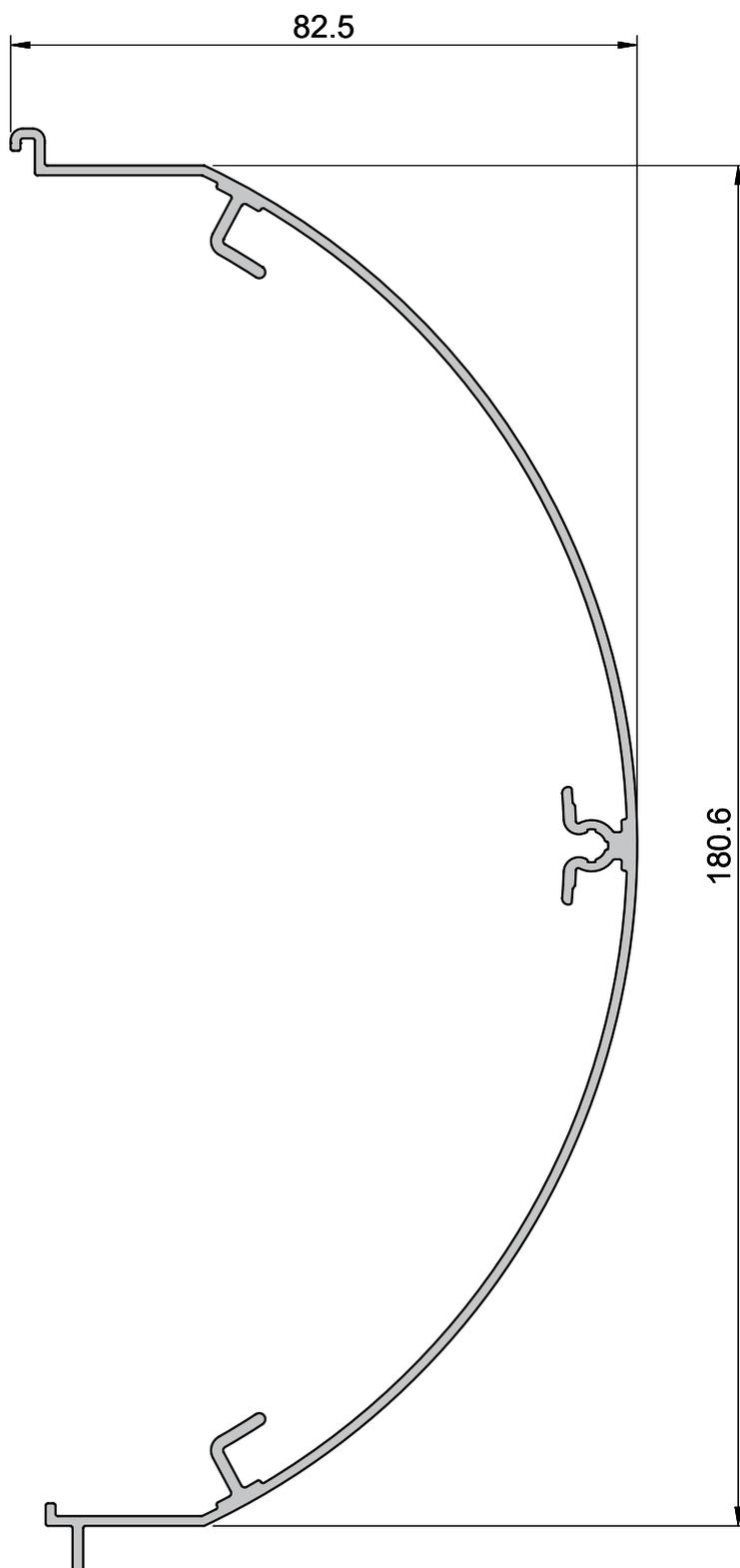
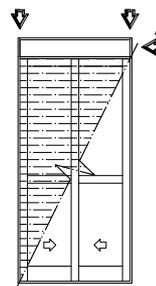
Tampa  
Interna  
Integrada

Peso  
1,973 kg\*m



# Informações Técnicas

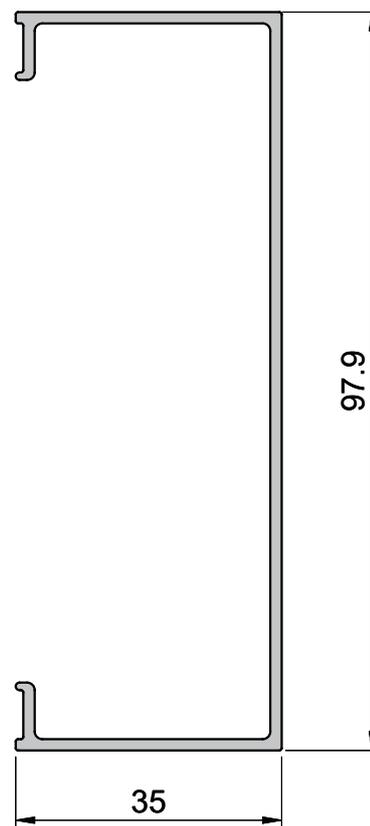
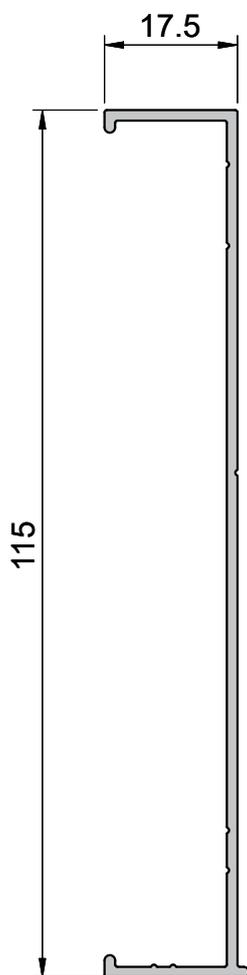
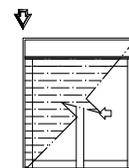
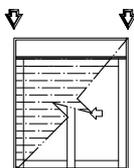
ALG-1009	Tampa Interna Integrada	Peso
		1,247 kg*m



# Informações Técnicas

ALG-1000	Marco Lateral Integrada	Peso
		0,573 kg*m

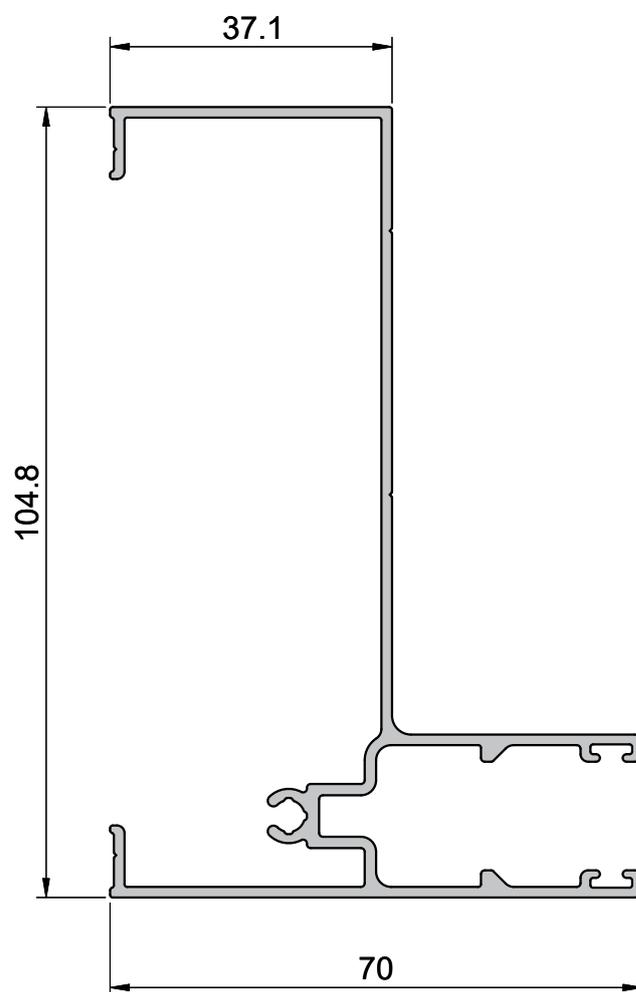
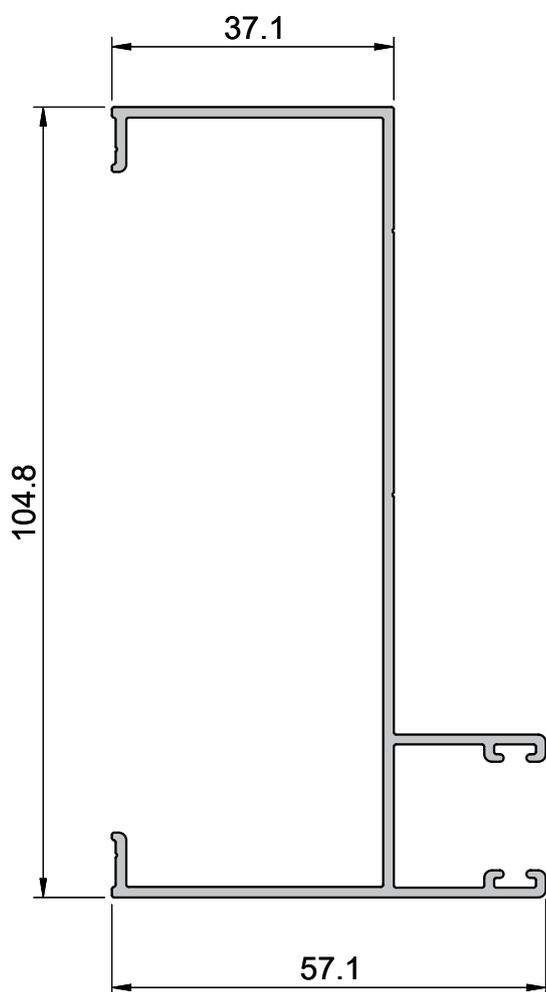
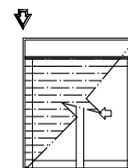
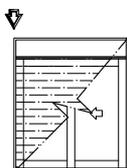
MN-050	Caixa do Recolhedor	Peso
		0,738 kg*m



# Informações Técnicas

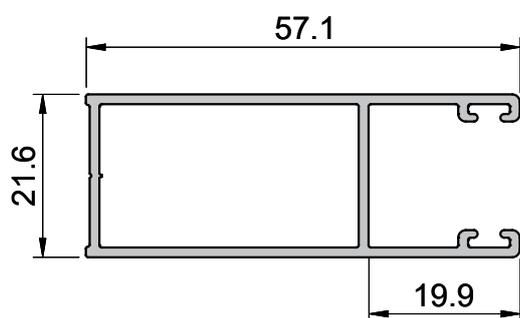
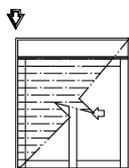
ALG-1004	Marco Lateral com Guia	Peso
		0,906 kg*m

ALG-1014	Marco Lateral com Guia	Peso
		1,273 kg*m

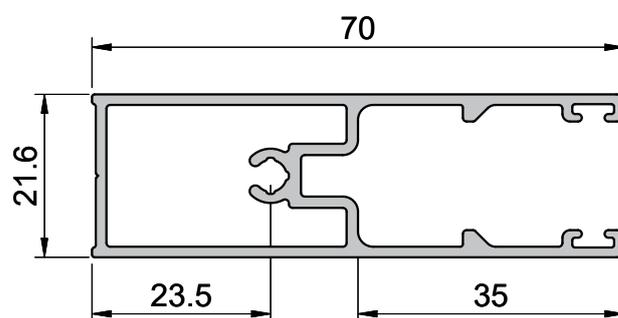
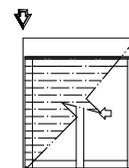


# Informações Técnicas

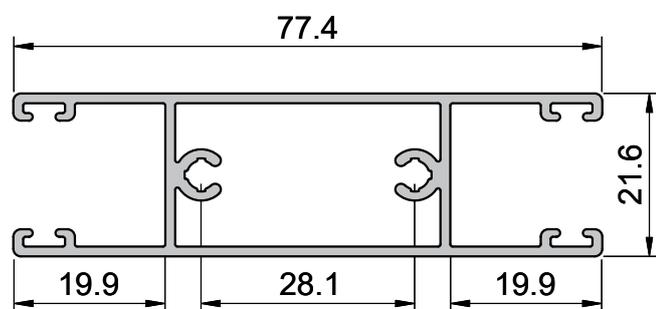
ALG-1005	Guia da Persiana	Peso
		0,577 kg*m



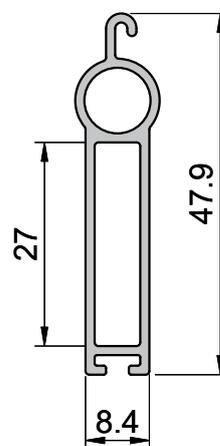
ALG-1013	Guia da Persiana	Peso
		0,856 kg*m



ALG-1008	Guia Central	Peso
		0,866 kg*m

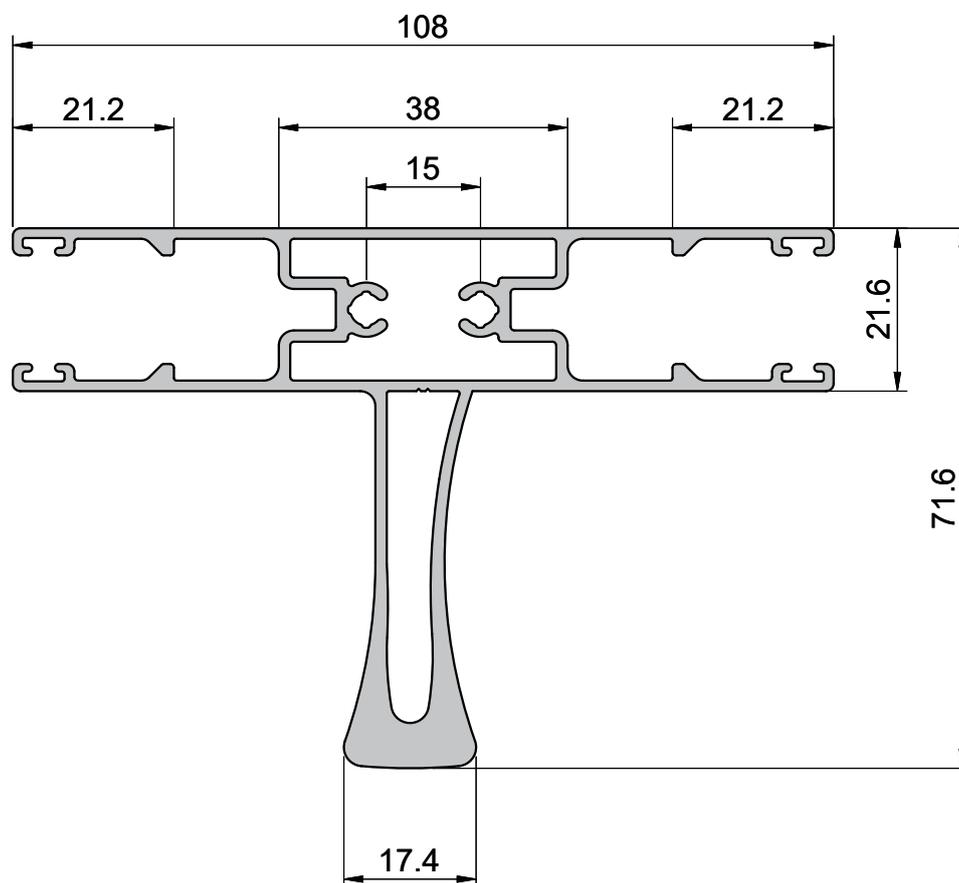


MN-055	Terminal	Peso
		0,376 kg*m



# Informações Técnicas

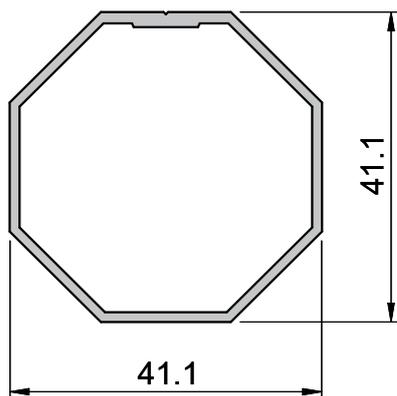
ALG-1015	Guia Central com Reforço	Peso
		2,112 kg*m
Jx = 454.478 mm <sup>4</sup>   Wx = 10.240 mm <sup>3</sup>		



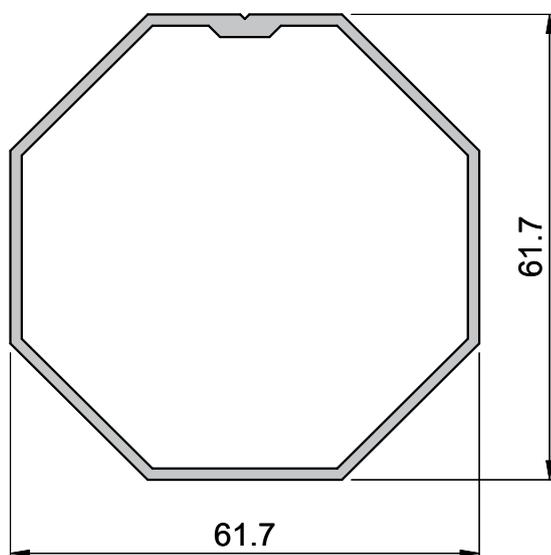
# Informações Técnicas



DS-238	Tubo Recolhedor	Peso
		0,488 kg*m

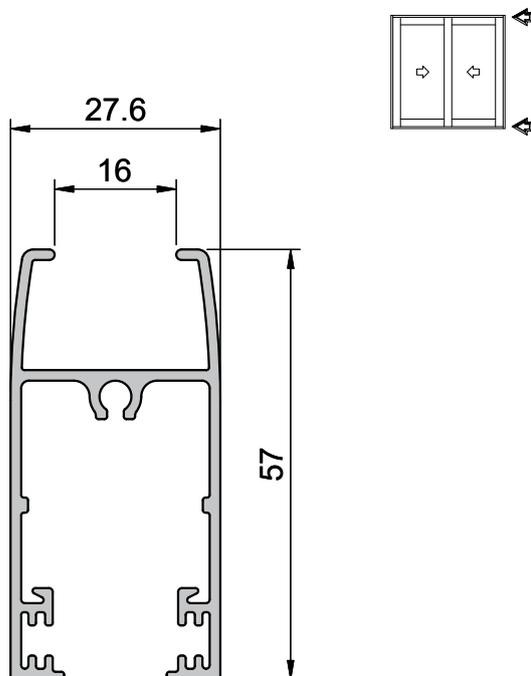


MN-015	Tubo Recolhedor	Peso
		0,842 kg*m

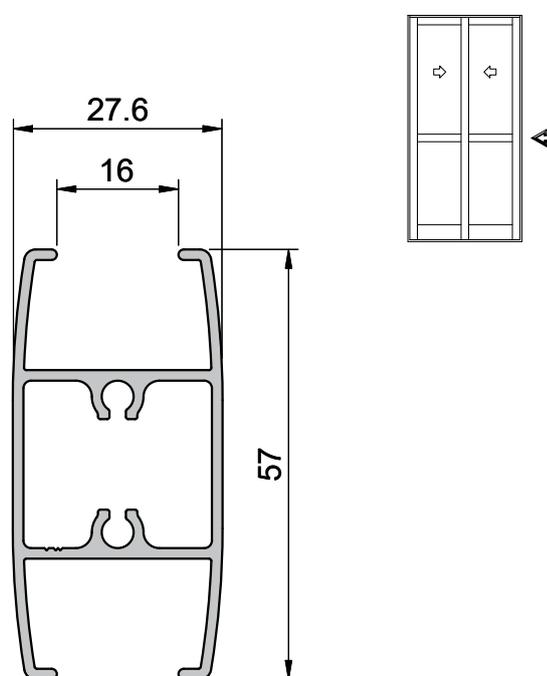


# Informações Técnicas

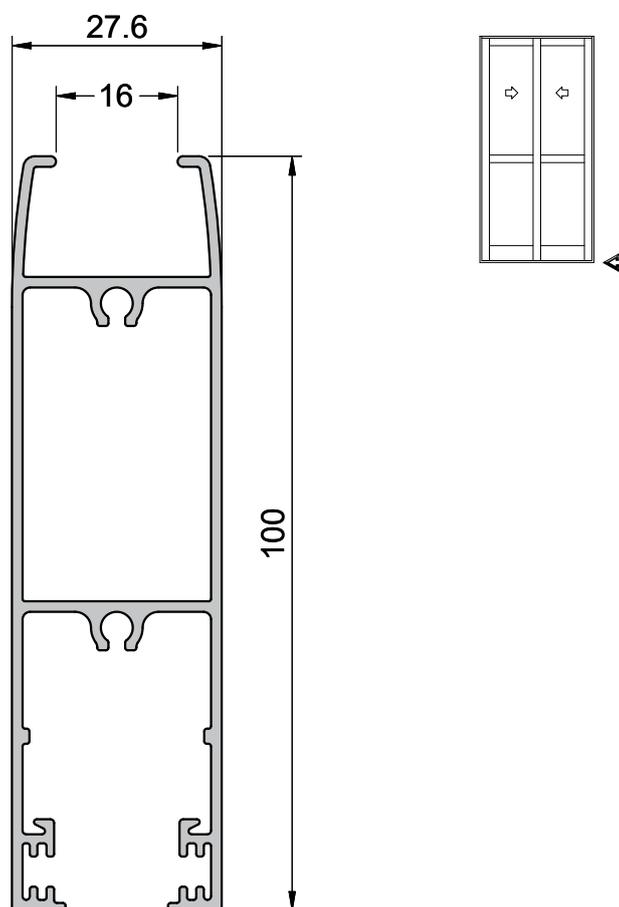
RE-20201	Travessa Sup/Inf	Peso
		0,730 kg*m



RE-30001	Travessa	Peso
		0,757 kg*m

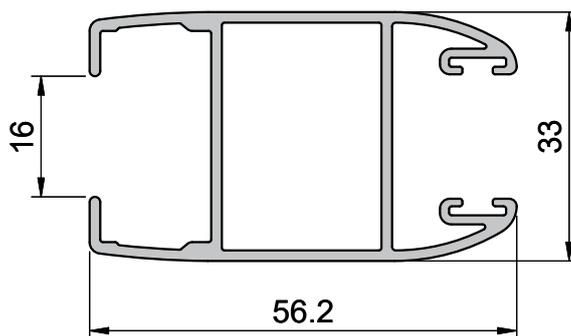
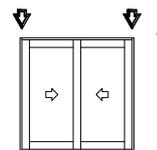


RE-20001	Travessa Inferior	Peso
		1,200 kg*m

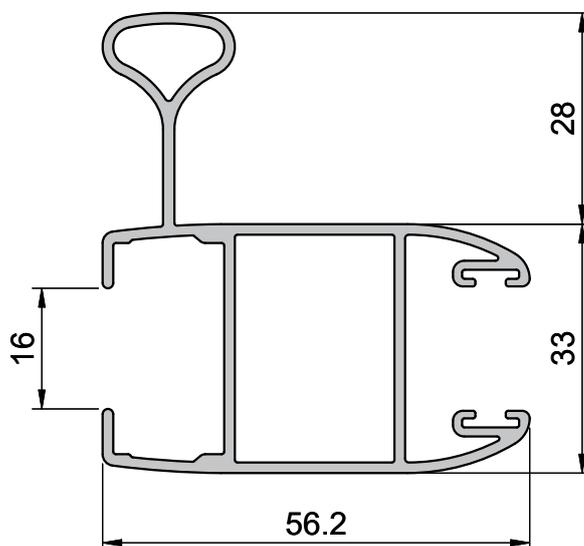
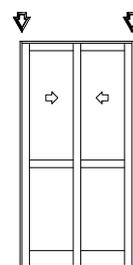


# Informações Técnicas

RE-40301	Montante Lateral	Peso
		0,822 kg*m
Jx = 50.788 mm <sup>4</sup>   Wx = 3.077 mm <sup>3</sup>		

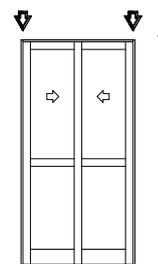
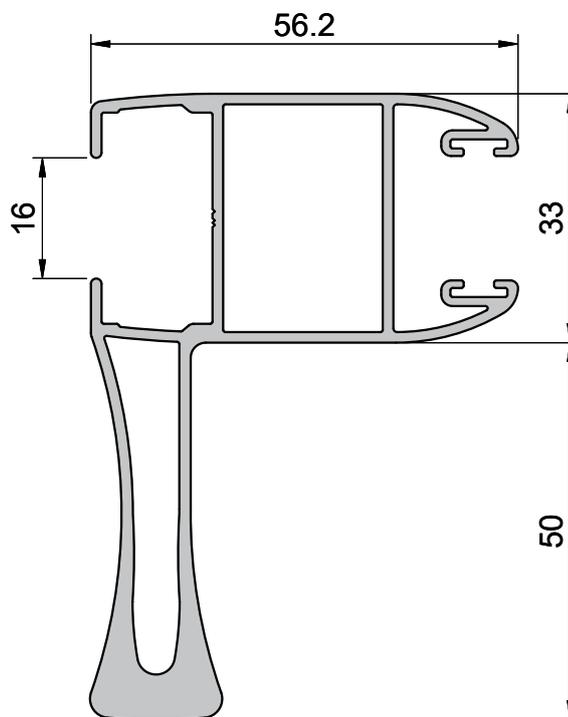


RE-40302	Montante Lateral	Peso
		1,051 kg*m
Jx = 136.364 mm <sup>4</sup>   Wx = 3.696 mm <sup>3</sup>		

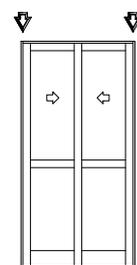
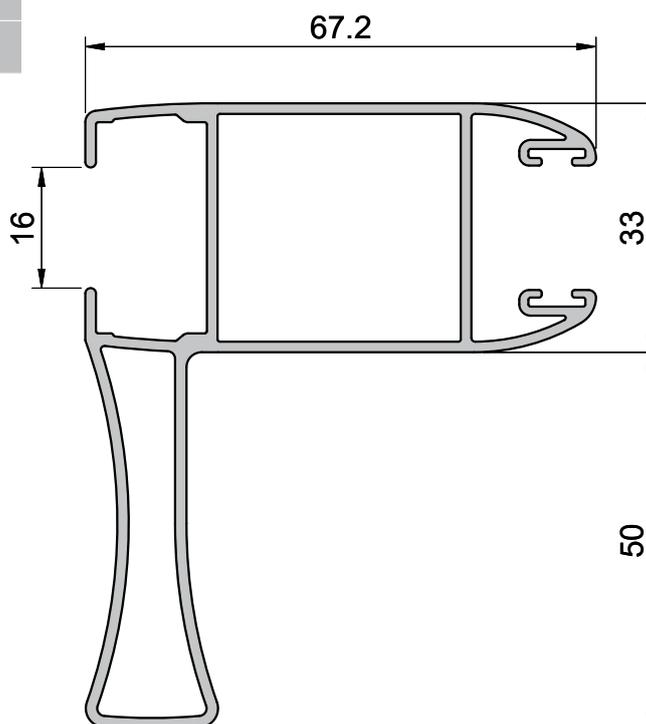


# Informações Técnicas

RE-40308	Montante Lateral	Peso
		1,600 kg*m
Jx = 479.912 mm <sup>4</sup>   Wx = 11.358 mm <sup>3</sup>		

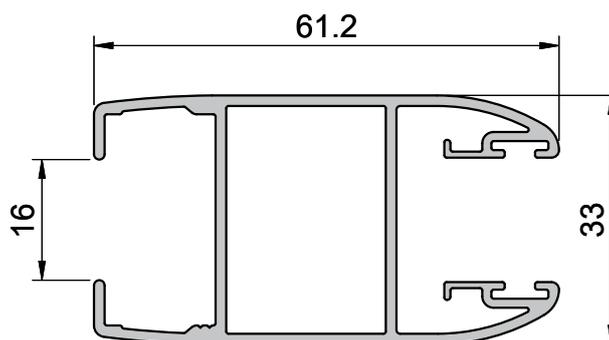
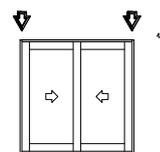


RE-40307	Montante Lateral	Peso
		1,376 kg*m
Jx = 320.212 mm <sup>4</sup>   Wx = 6.210 mm <sup>3</sup>		

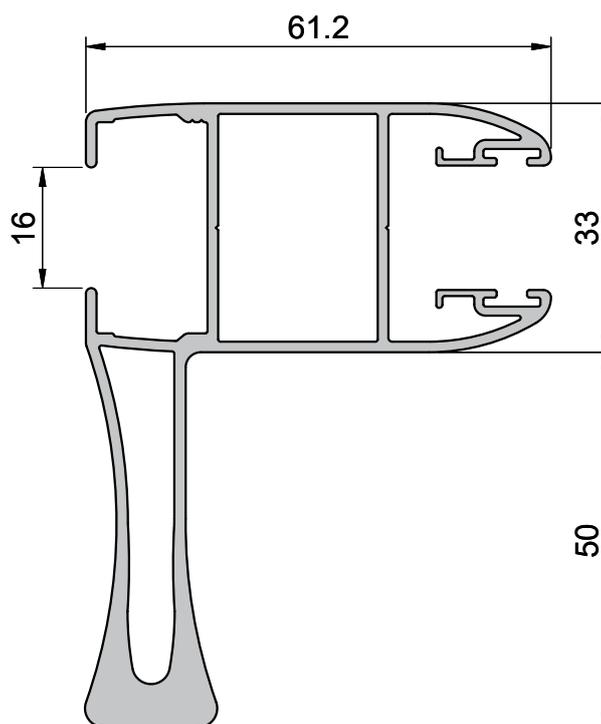
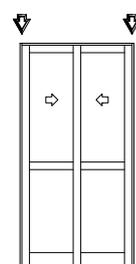


# Informações Técnicas

RE-33301	Montante Lateral para Cremona	Peso
		0,889 kg*m
Jx = 55.101 mm <sup>4</sup>   Wx = 3.338 m <sup>3</sup>		

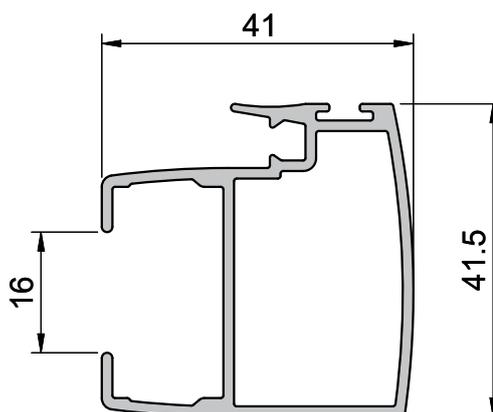
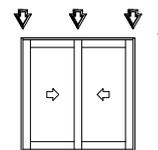


RE-33308	Montante Lateral para Cremona	Peso
		1,667 kg*m
Jx = 498.247 mm <sup>4</sup>   Wx = 11.524 mm <sup>3</sup>		

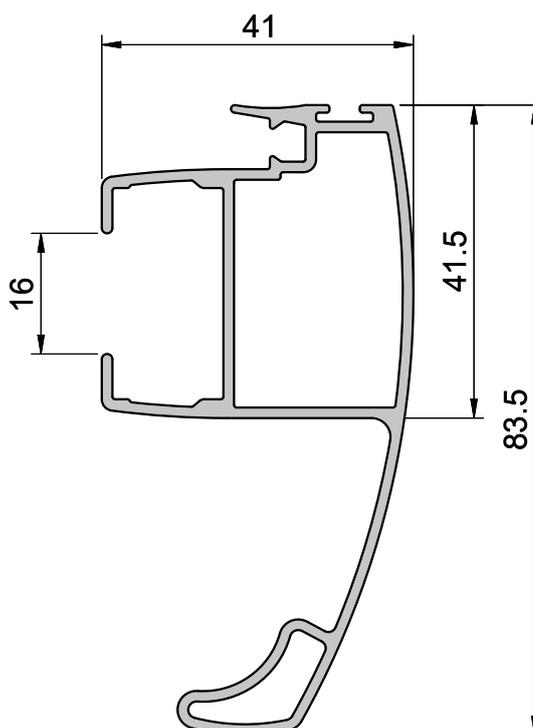
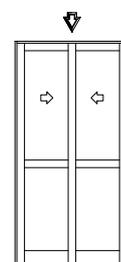


# Informações Técnicas

RE-40401	Montante Mão de Amigo	Peso
		0,722 kg*m
Jx = 59.526 mm <sup>4</sup>   Wx = 2.859 mm <sup>3</sup>		

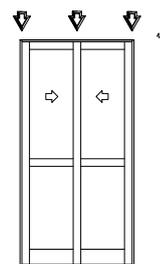
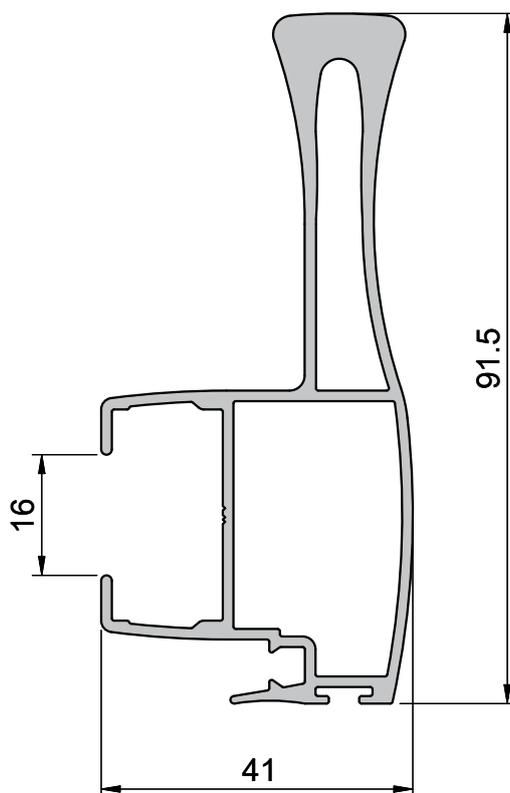


RE-40303	Montante Mão de Amigo	Peso
		1,047 kg*m
Jx = 270.877 mm <sup>4</sup>   Wx = 5.682 mm <sup>3</sup>		

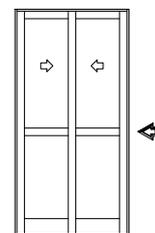
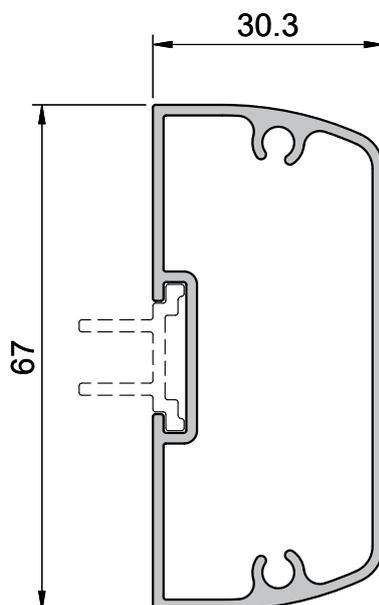


# Informações Técnicas

RE-40408	Montante Mão de Amigo	Peso
		1,494 kg*m
Jx = 525.327 mm <sup>4</sup>   Wx = 10.746 mm <sup>3</sup>		

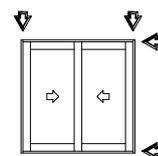
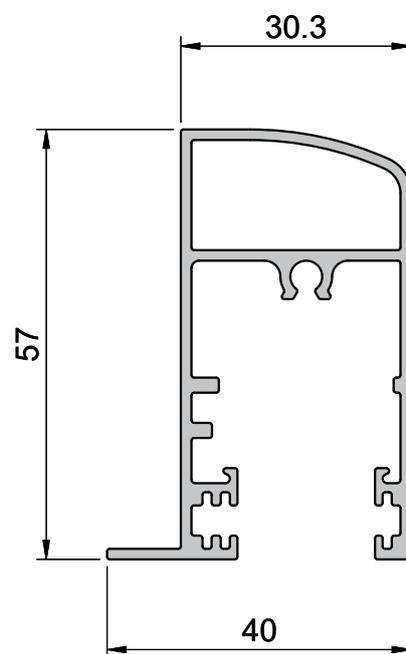


RE-20401	Travessa Folha Vidro Colado	Peso
		0,848 kg*m

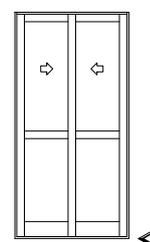
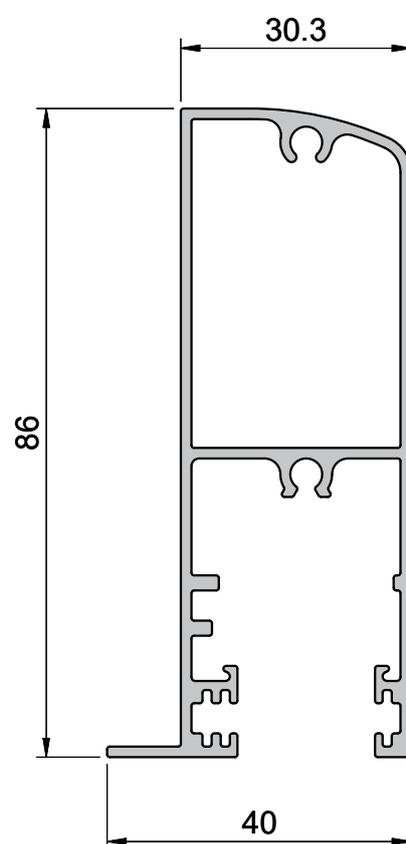


# Informações Técnicas

RE-20202	Travessa Sup Vidro Colado	Peso
		0,884 kg*m

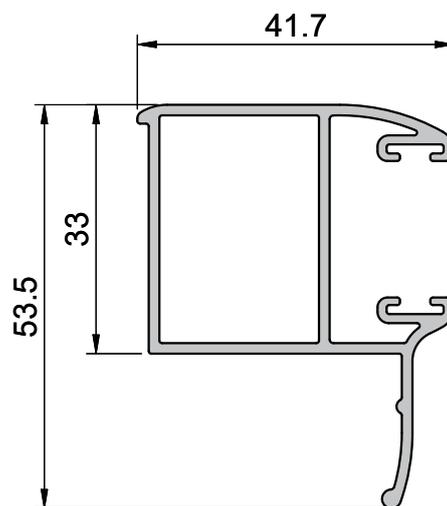
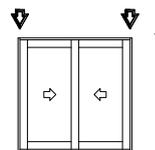


RE-20002	Travessa Inf Vidro Colado	Peso
		1,155 kg*m

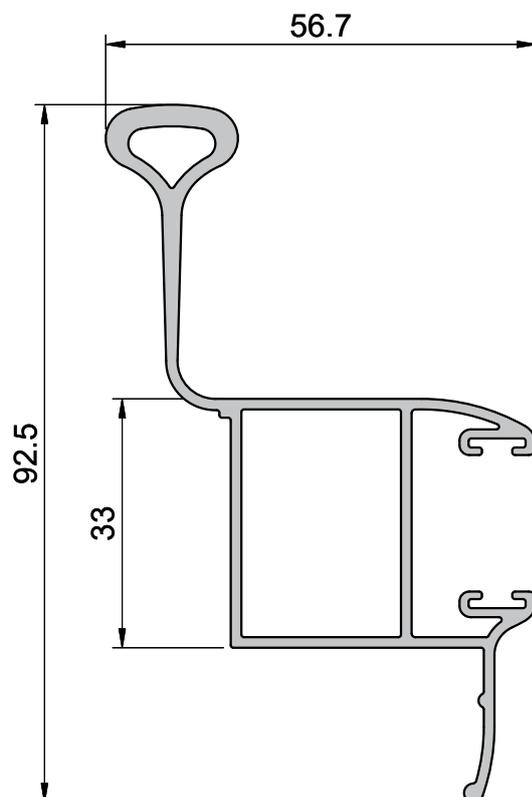
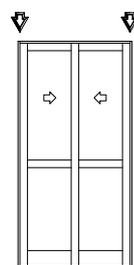


# Informações Técnicas

RE-40305	Montante Lateral Vidro Colado	Peso
		0,727 kg*m
Jx = 60.291 mm <sup>4</sup>   Wx = 1.785 mm <sup>3</sup>		

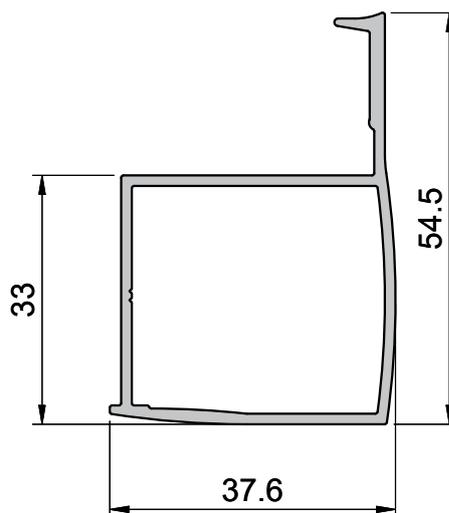
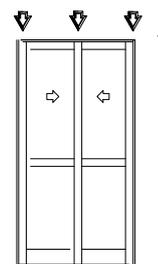


RE-40304	Montante Lateral Vidro Colado	Peso
		1,151 kg*m
Jx = 287.614 mm <sup>4</sup>   Wx = 5.691 mm <sup>3</sup>		

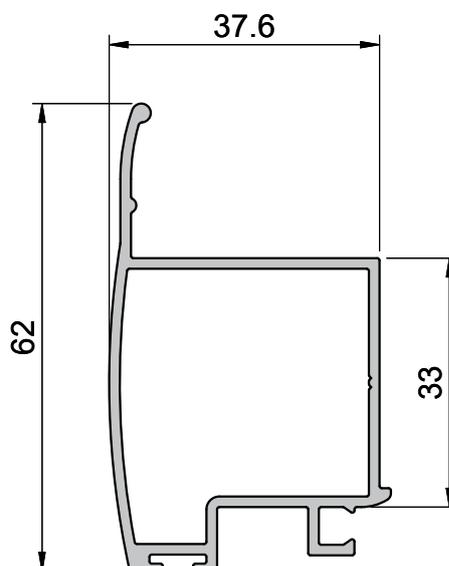
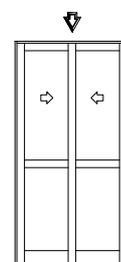


# Informações Técnicas

RE-40404	Montante Mão de Amigo Vidro Colado	Peso
		0,620 kg*m
Jx = 64.507 mm <sup>4</sup>   Wx = 1.979 mm <sup>3</sup>		

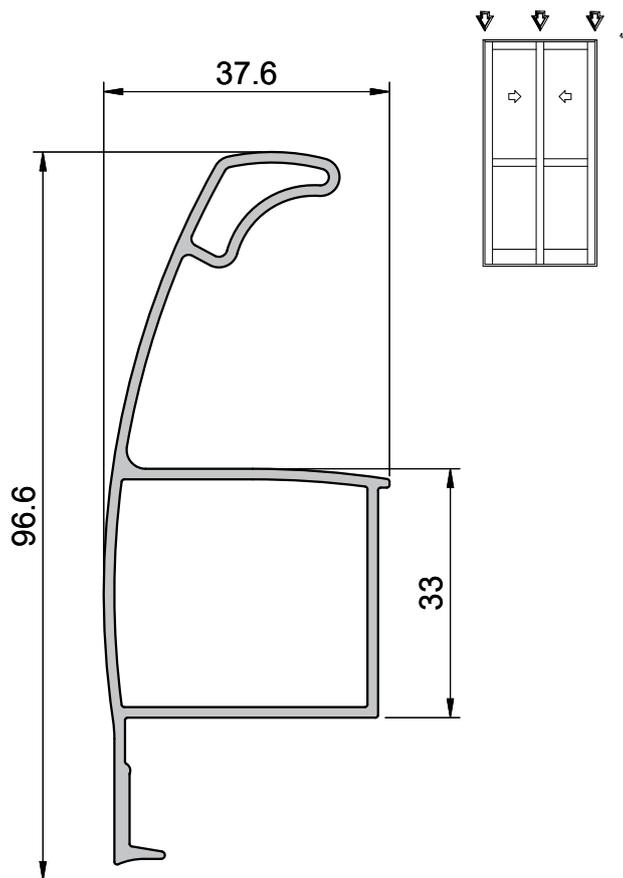


RE-40405	Montante Mão de Amigo Vidro Colado	Peso
		0,707 kg*m
Jx = 79.968 mm <sup>4</sup>   Wx = 2.116 mm <sup>3</sup>		

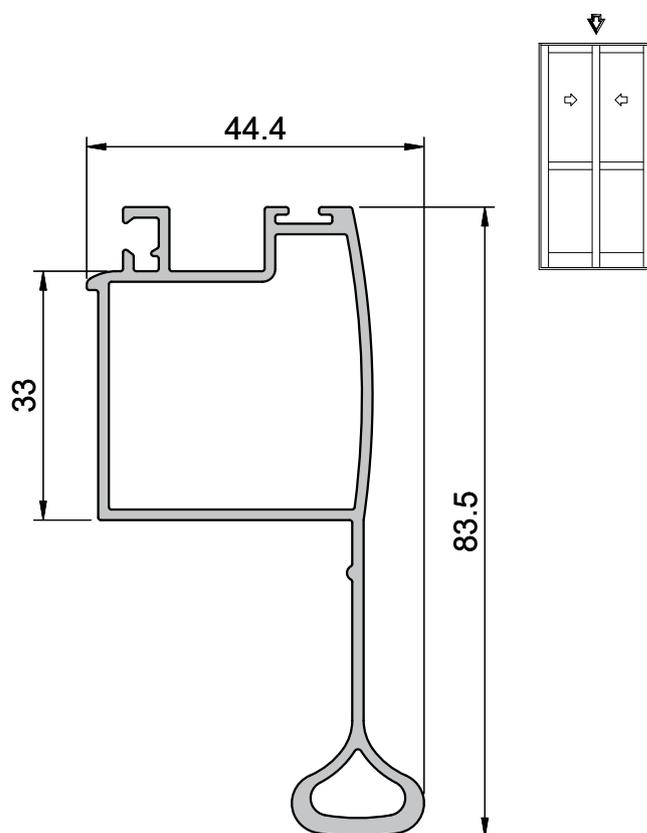


# Informações Técnicas

RE-40402	Montante Mão de Amigo Vidro Colado	Peso
		0,933 kg*m
Jx = 266.233 mm <sup>4</sup>   Wx = 5.545 mm <sup>3</sup>		

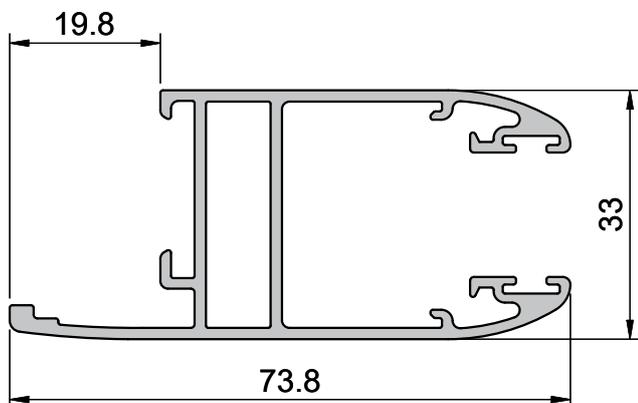


RE-40403	Montante Mão de Amigo Vidro Colado	Peso
		0,992 kg*m
Jx = 288.622 mm <sup>4</sup>   Wx = 6.302 mm <sup>3</sup>		

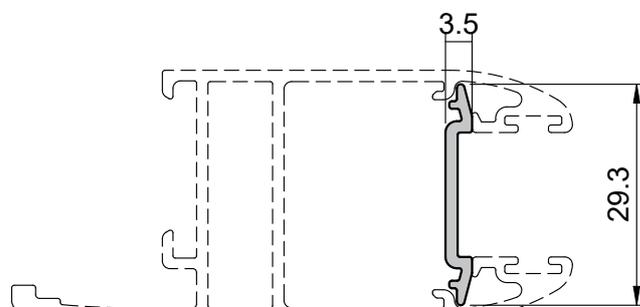


# Informações Técnicas

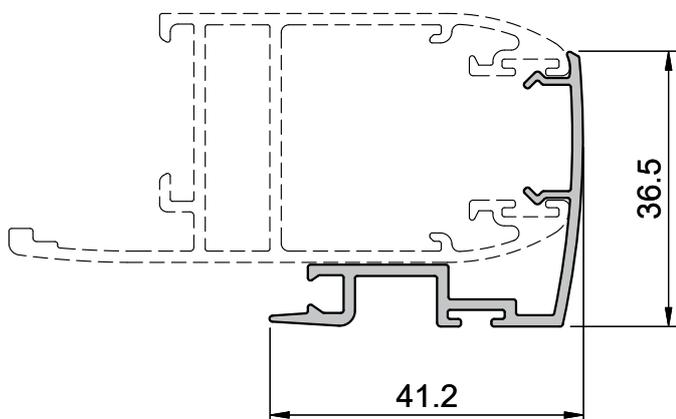
RE-40601	Folha 45°	Peso
		0,989 kg*m



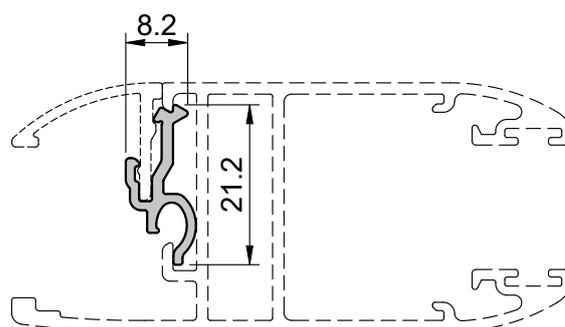
RE-79301	Tampa	Peso
		0,138 kg*m



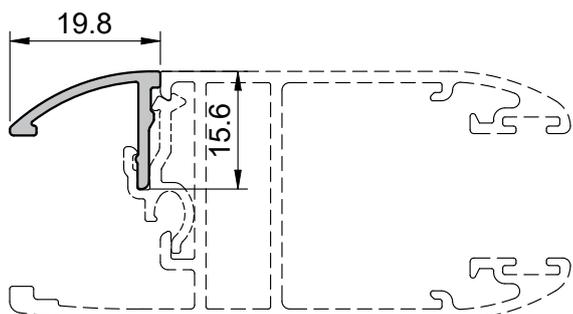
RE-78402	Engate Mão de Amigo	Peso
		0,409 kg*m



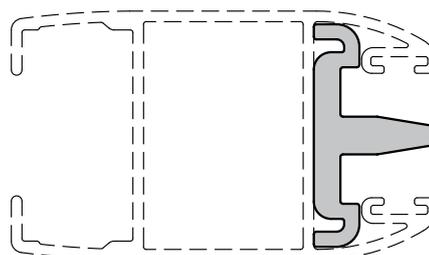
UP-200	Presilha	Peso
		0,145 kg*m



RE-70601	Baguete	Peso
		0,147 kg*m



RE-99701	Trava da folha fixa	Peso
		0,447 kg*m



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# Sustentabilidade e Meio Ambiente



As ações sustentáveis para a preservação do meio ambiente têm ganhado cada vez mais espaço em discussões, principalmente no setor industrial, devido à necessidade evidente de reverter os impactos negativos causados pela atividade da indústria. E aqui na CDA não é diferente, confira o que fazemos.

## Gestão de resíduos

Nosso parque fabril segrega, identifica, classifica, acondiciona e encaminha seus resíduos, Classe I e Classe II A e B, seguindo os rigorosos padrões exigidos pelas legislações (federal, estadual e municipal), inclusive com a designação de um Comitê de Gestão Ambiental (CGA), para coordenar e fiscalizar as ações

relacionadas à preservação do meio ambiente, e atender as resoluções, atualizações e demais desdobramentos das literaturas técnicas pertinentes, a fim de minimizar, mitigar e/ou neutralizar os possíveis impactos ambientais gerados pelo empreendimento.

Parte dos resíduos Sólidos Classe II (recicláveis) são coletados, segregados, identificados, e comercializado para empresas de reciclagem, aquecendo o comércio e indústrias de reciclagem local. Os não recicláveis, (resíduos orgânicos) também são segregados, identificados, quantificados e recolhidos pela autarquia municipal e destinado ao centro de tratamento de resíduos urbanos.



# Sustentabilidade e Meio Ambiente



## Reaproveitamento de água

As instalações fabris contemplam sistemas de captação pluvial composto de coletores situados na cobertura do galpão, o reservatório possui capacidade de 200.000 litros no qual reutiliza-se para uso não potáveis e irrigação paisagística.

Os banheiros sociais são compostos por controladores do fluxo de água nas torneiras e descarga com opção de fluxos de água gerando uma redução de 30 % no consumo.

Empenhados na redução do consumo, alterou-se o projeto do sistema de pré-tratamento dos perfis da linha de pintura que antes contemplava um consumo de 5 m<sup>3</sup> por hora e atualmente consome-se apenas 0,6 m<sup>3</sup> por hora, além da expressiva redução do consumo, ressalta-se a menor geração de efluente.

No processo produtivo foi realizada a alteração no sistema de alimentação dos tanques de lavagens, constituintes do sistema de pré-tratamento dos perfis da linha de pintura reduzindo o consumo de 5000 Litros/ hora para 600 Litros/hora.



# Sustentabilidade e Meio Ambiente



## Reciclagem

Todas as unidades do Grupo CDA realizam a coleta seletiva de resíduos e o correto descarte para a minimização dos impactos no meio ambiente.

Ressaltamos que 100% do alumínio que é rejeitado em nossos processos são reciclados.

Todos os materiais de embalagem como papel, plástico, madeira e sucata metálica são encaminhados para as unidades de reciclagem.



# Sustentabilidade e Meio Ambiente



## Consumo de energia

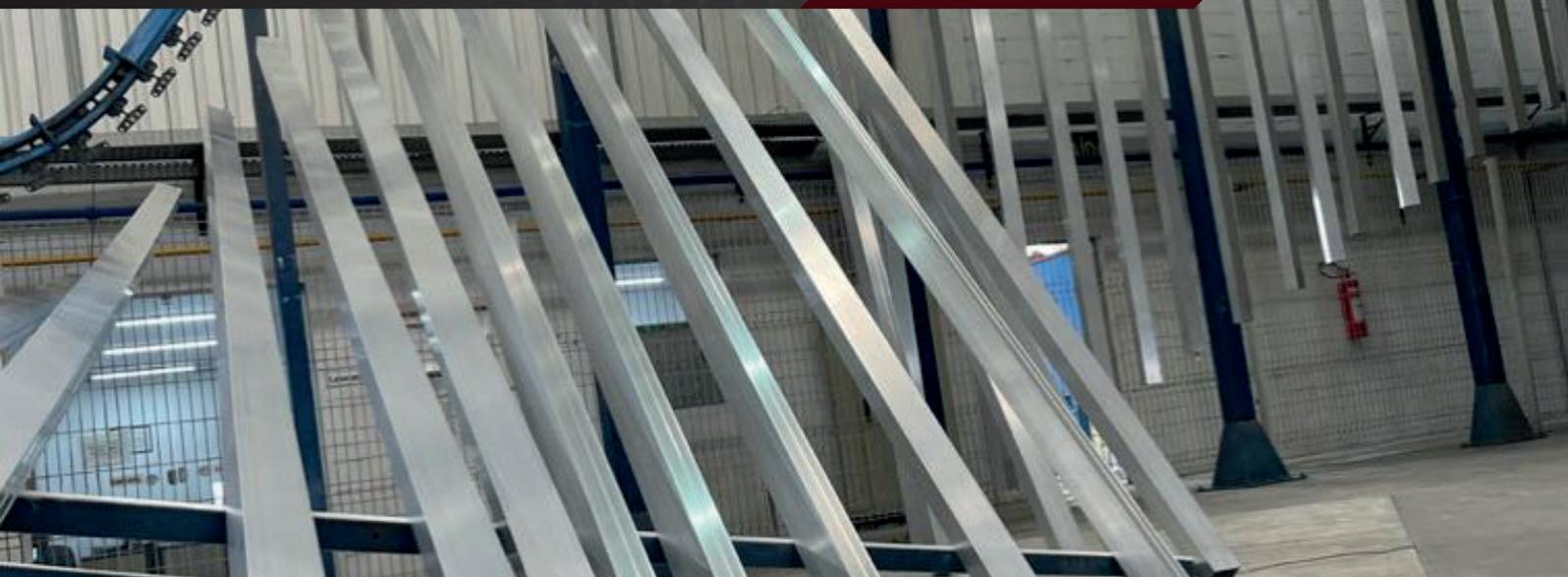
O nosso alumínio passa por uma gestão de cuidadosa dos seus recursos naturais, começando com a produção de alumínio usando 68% da energia a partir da hidrelétrica, usando processos de reciclagem.

Durante o dia, a indústria contempla um projeto de iluminação natural onde opera-se na ausência de iluminação artificial.

Nossos processos de aquecimento nas linhas de extrusão e pintura utilizam GLP como fonte de energia alternativa.



# Pintura Eletrostática



As fábricas do Grupo CDA Metais estão equipadas com linhas de pintura vertical e horizontal, às quais possuem tecnologia de pintura por pistolas eletrostáticas convencionais e disco, garantindo assim uma camada uniforme do polyester ao longo do perfil e maior reaproveitamento dos resíduos do pó.

A configuração inicial da linha de pintura fazia o uso de Cromo durante o processo de lavagem dos perfis. Mesmo antes de sua

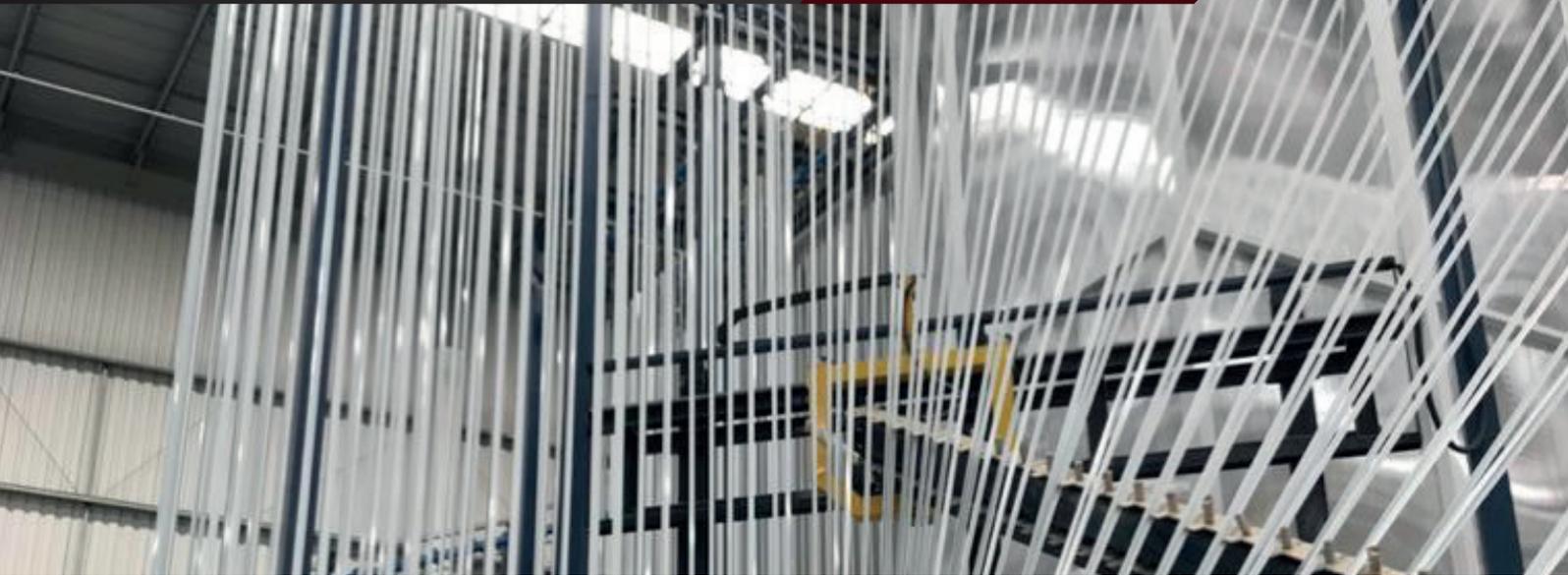
inauguração, foi desenvolvido em parceria, uma nova solução que possibilita realizar o mesmo processo, porém isento do Cromo. Também foi desenvolvido um sistema de desengraxante e desoxidação com base ácida, evitando dessa forma, o uso de produtos com base alcalina em nossos processos. Tudo isso tornou a ALX Metais pioneira no Brasil em utilizar uma linha de pintura isenta de Cromo (Chrom-free)



**CAPACIDADE  
PRODUTIVA:**

**2.200**  
toneladas  
mensais

# Pintura Eletrostática



Nossas linhas de pintura realizam a decapagem e desengraxe dos perfis em apenas um estágio, o qual resulta em uma redução no consumo de água de 5.000 litros por hora para os atuais 600 litros por hora. Os efluentes são devidamente tratados nas modernas estações de tratamento de efluentes, onde a água é filtrada e reutilizada nas próprias instalações industriais, buscando sempre minimizar os impactos ambientais.

Todas as modificações realizadas nas linhas de pintura foram acompanhadas e validadas pelos nossos fornecedores de produtos químicos e de tinta, o qual possui os seus processos homologados pela Qualicoat. Dessa forma, possuímos o certificado de Aplicador Homologado com base na Norma Qualicoat 15a Edição, dentro do Programa EAS (Epristinta Architectural Service).

ISO 9001  
ISO 14001

**BUREAU VERITAS**  
Certification





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