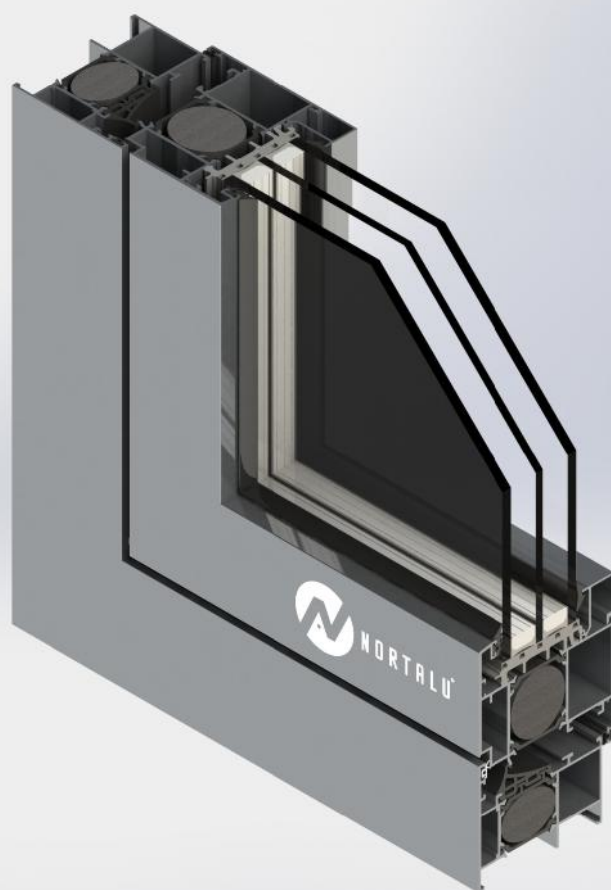
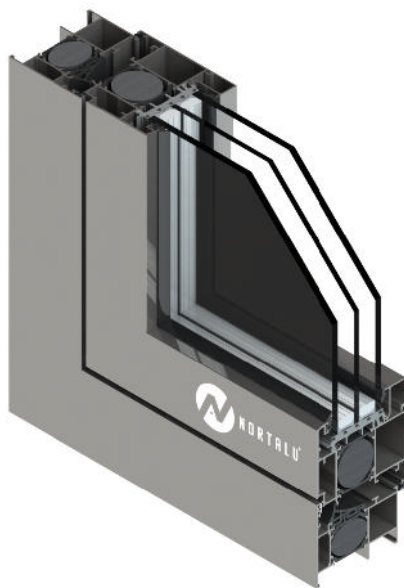




SÉRIE R75



SÉRIE R75

SISTEMA BATENTE RUTURA TÉRMICA 75MM

Sistema de batente com rutura térmica de 75mm, com alta performance térmica e acústica devido aos componentes adicionados no interior com vista a um alto rendimento na poupança de energia. De acordo com o normativo de uniformização, permitem a utilização de uma vasta gama de acessórios de alta qualidade. A série é constituída por perfis de formas retas, curvas e distingue-se pela sua robustez, permitindo vãos de grandes dimensões, mantendo no entanto a combinação entre rigor técnico e a harmonia estética na construção para a arquitetura por se tratar de uma série com várias opções.

Resultados do Ensaio do Tipo Inicial:

Tipo Ensaio	Resultados
Permeabilidade ao Ar	—
Estanquidade à Água	—
Resistência à Pressão do Vento	—
Durabilidade Mecânica	—
Coeficiente de Transmissão Térmica	1,31
Desempenho Acústico	32

Janela com perfis alumínio do Sistema R75 composta por duas folhas móveis abrir com oscilobatente.

Dimensão da Janela:

1400*1200mm

Soluções Construtivas:

- Fixos;
- Janelas e Portas;
- Basculantes;
- Projetantes;

Capacidade de Vidro:

- Vidro Duplo: 20 a 46mm

Vedantes:

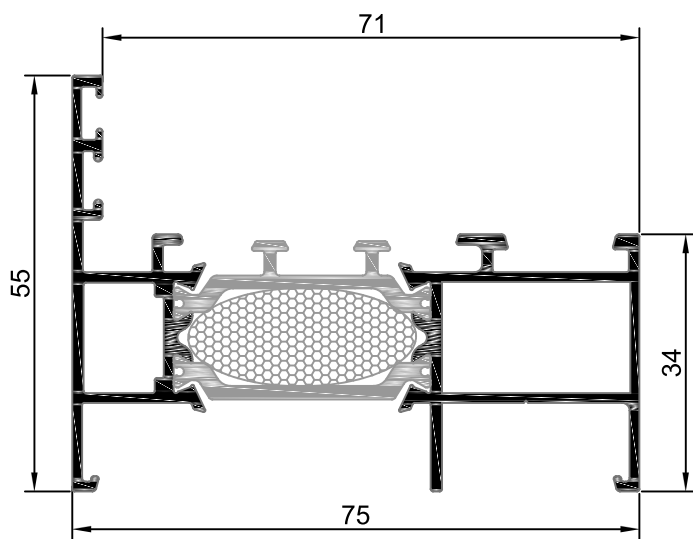
- Material em EPDM ou PVC em conformidade com a norma aplicável.

Acessórios:

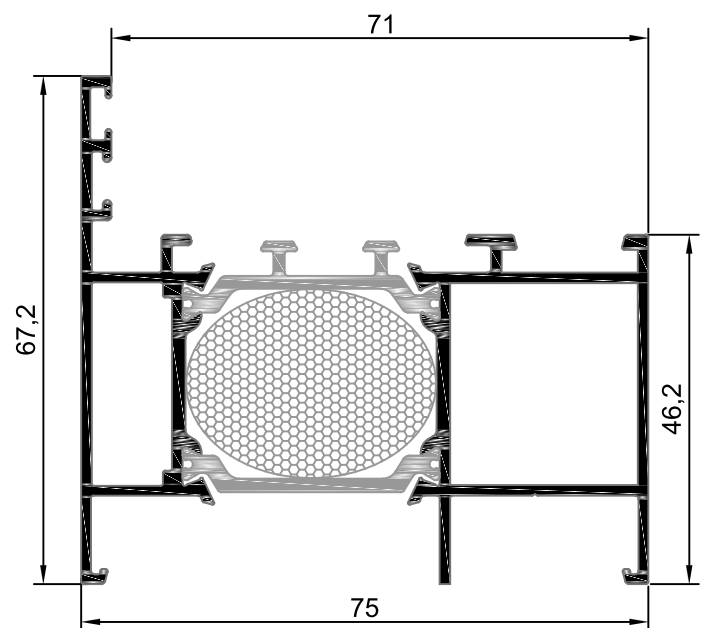
- Materiais em alumínio, zamac, aço inox e nylon em conformidade com a norma aplicável.



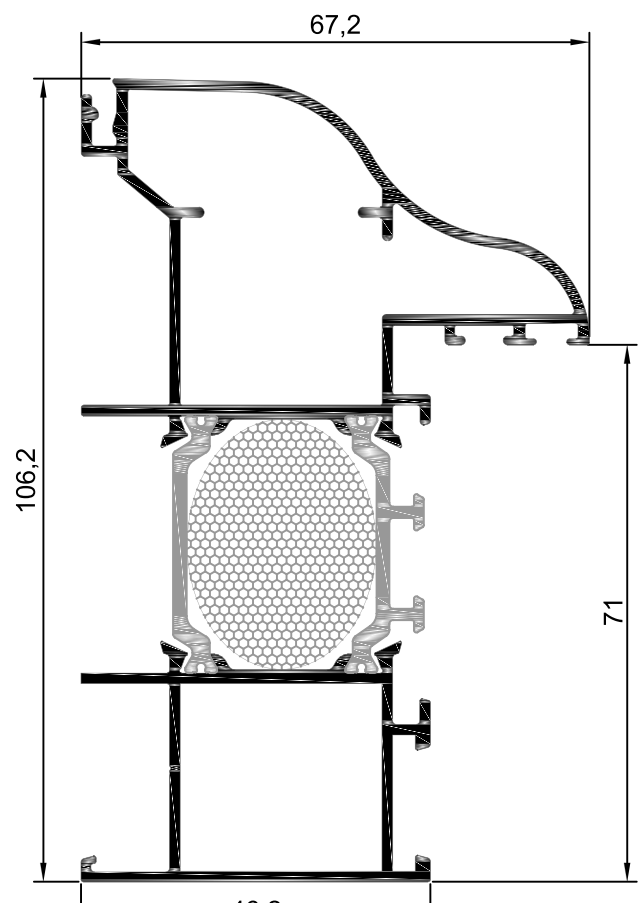
R75.01 *Aro Fixo*



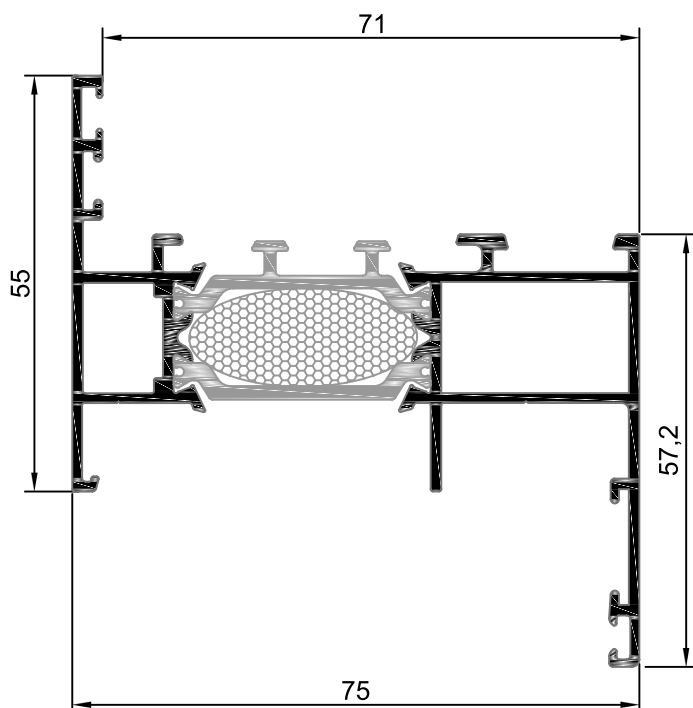
R75.03 *Aro Fixo*



R75.10 *Aro Fixo Tradição*

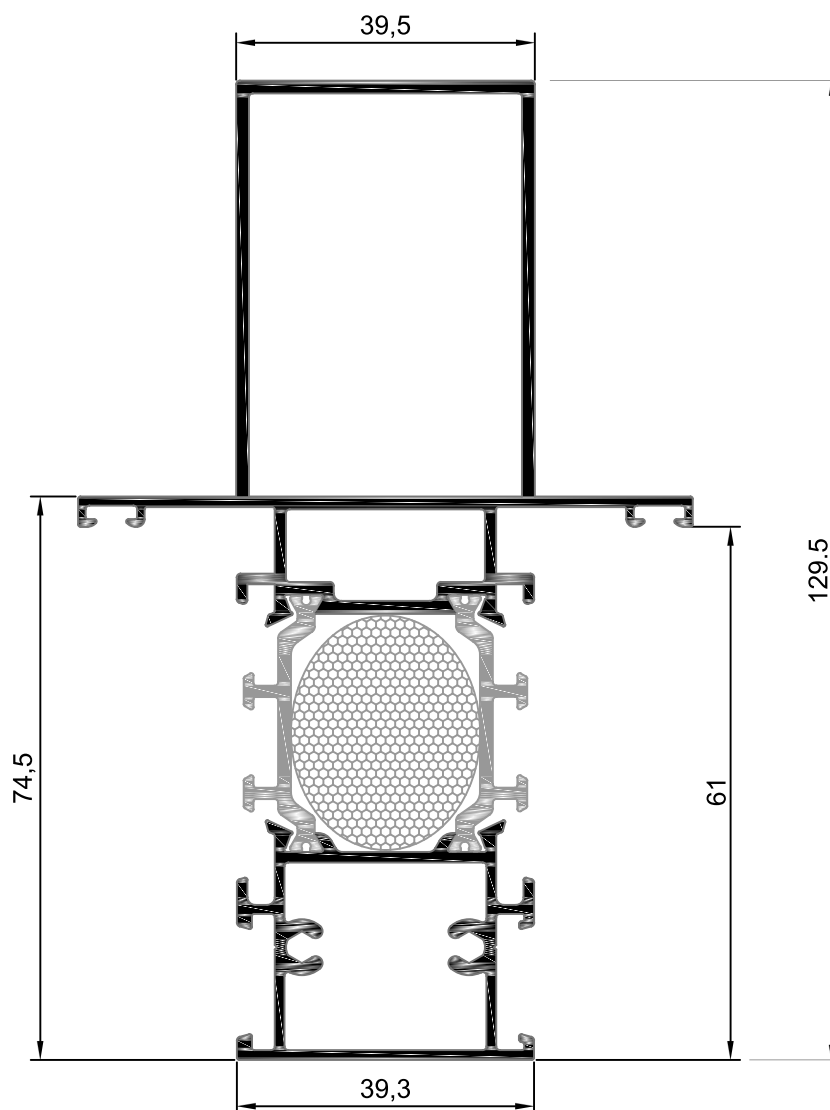
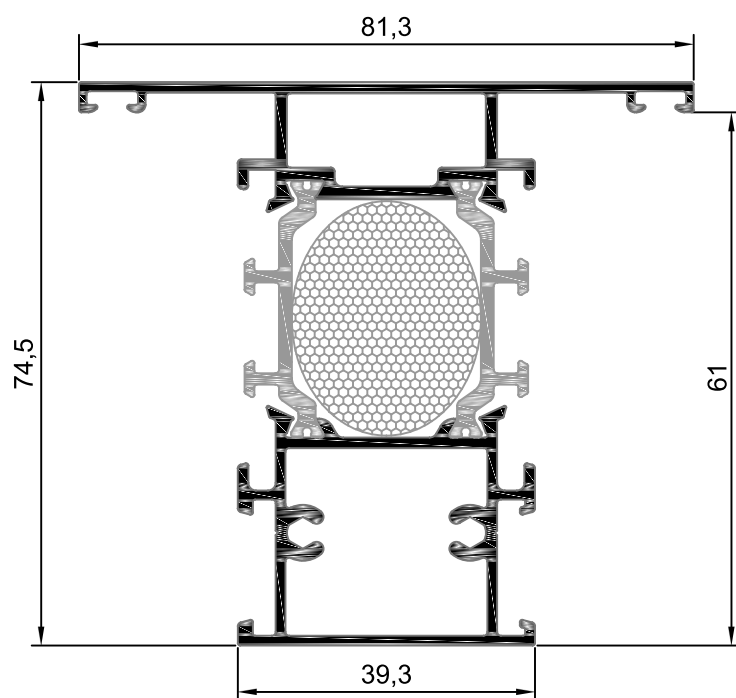


R75.07 *Aro Fixo C/ Remate*



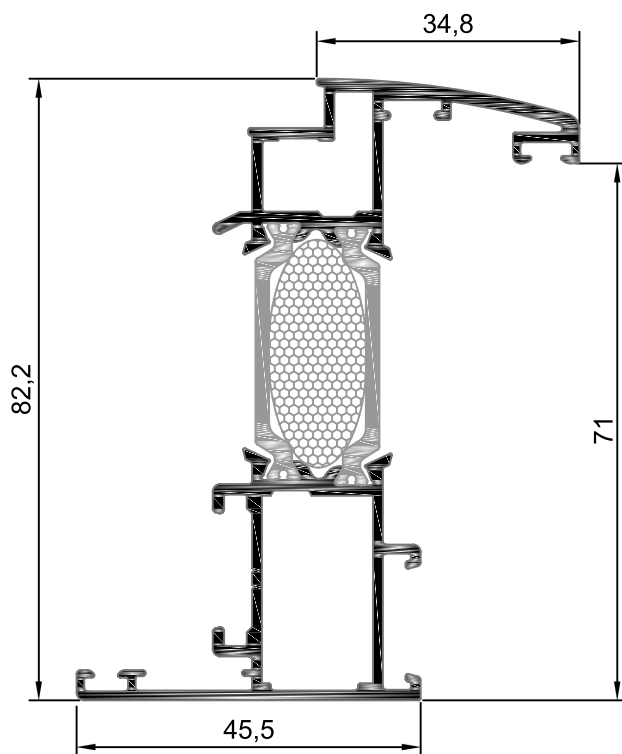
SÉRIE R75

R75.11 *Travessa*

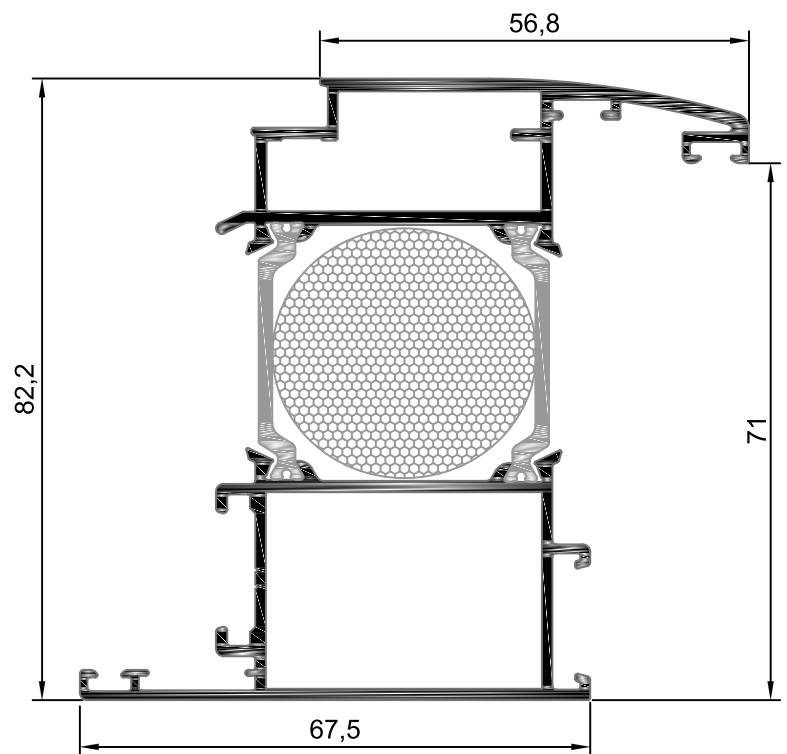


R75.19 *Montante*

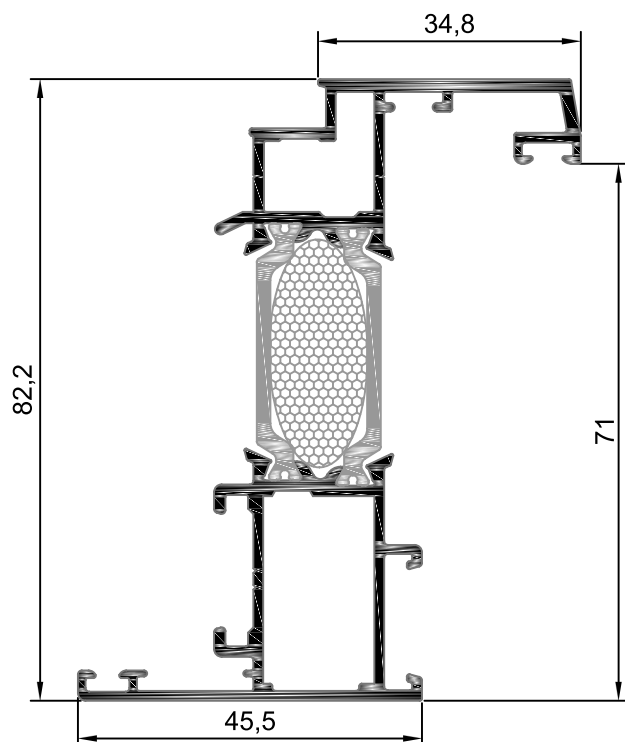
R75.21 *Aro Móvel*



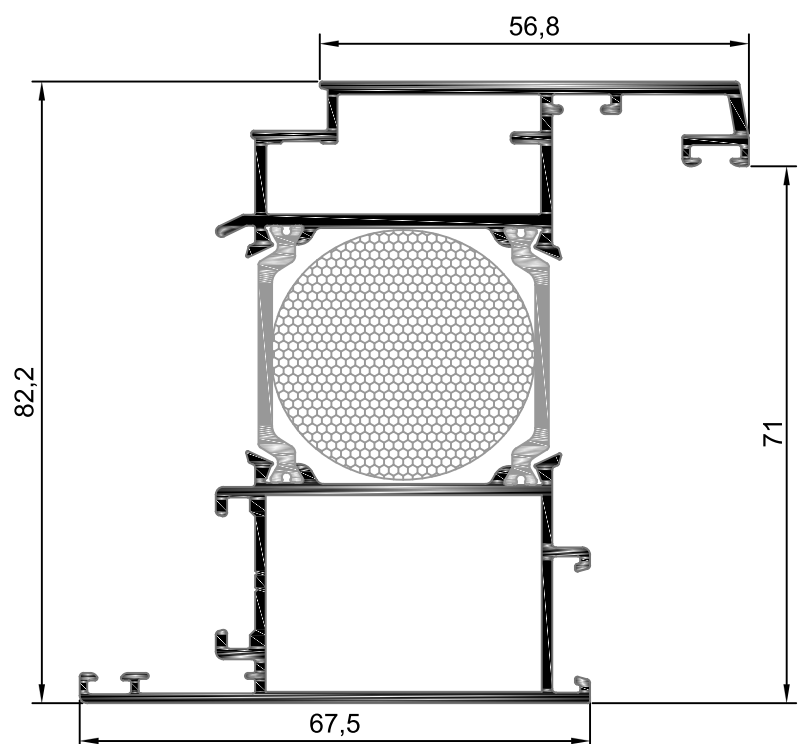
R75.31 *Aro Móvel*



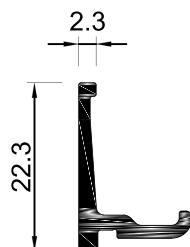
R75.22 *Aro Móvel*



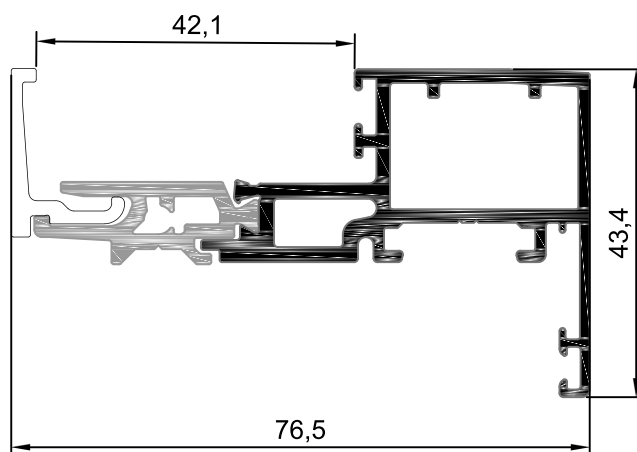
R75.32 *Aro Móvel*



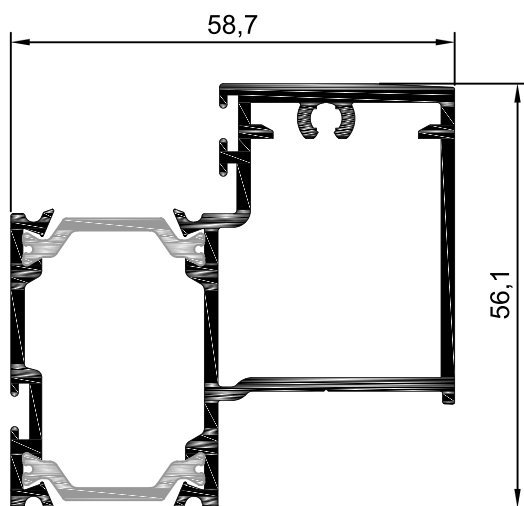
AP.65 *Bite folha oculta*



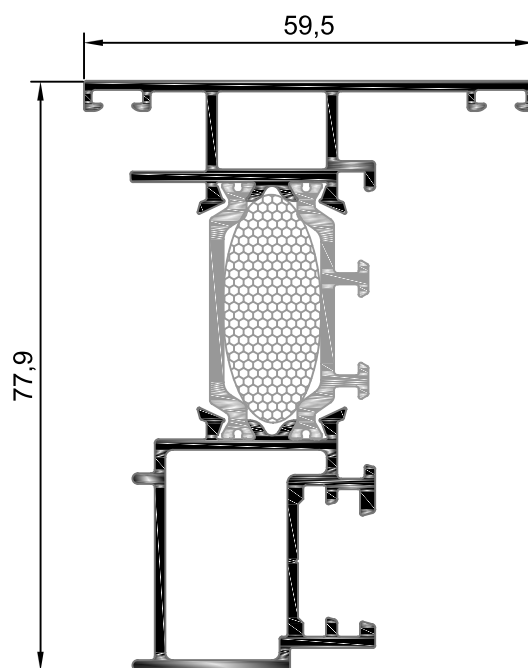
R75.23 *Aro Móvel Folha Oculta*



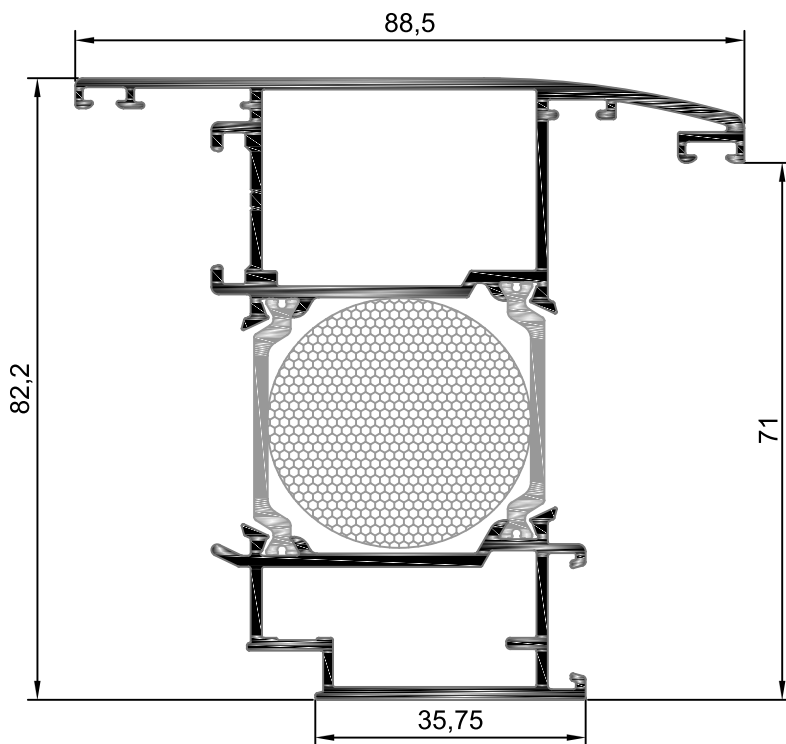
R75.91 *Aro Móvel Folha Oculta*
(Aplicação para Portas Entrada)



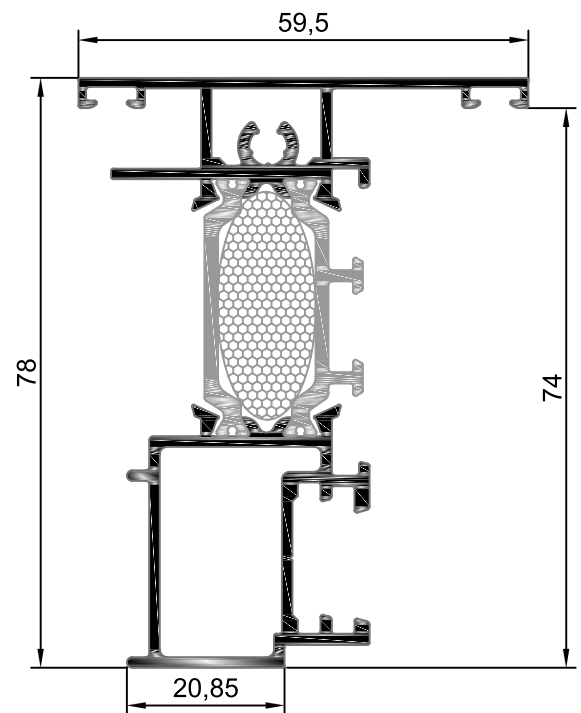
R75.72 *Inversor Folha Oculta*



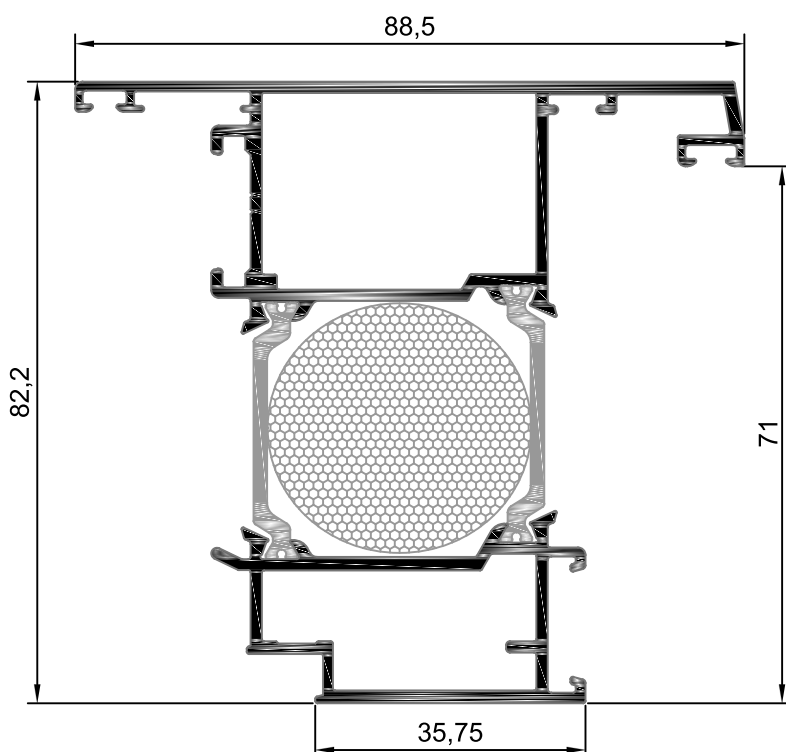
R75.33 Aro Móvel Abt. P/ Exterior



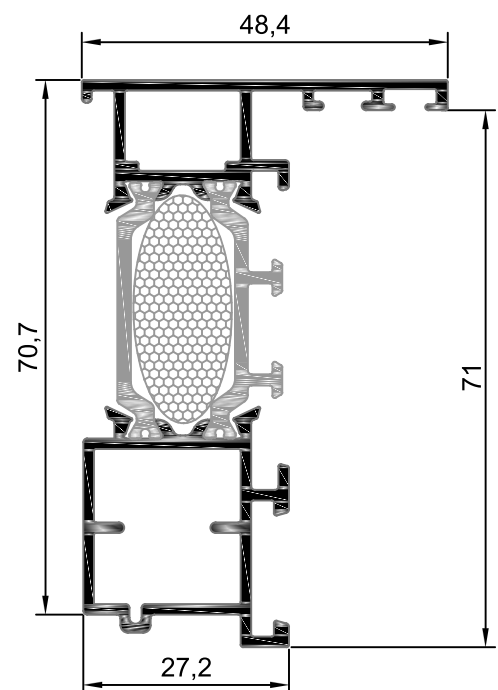
R75.71 Inversor

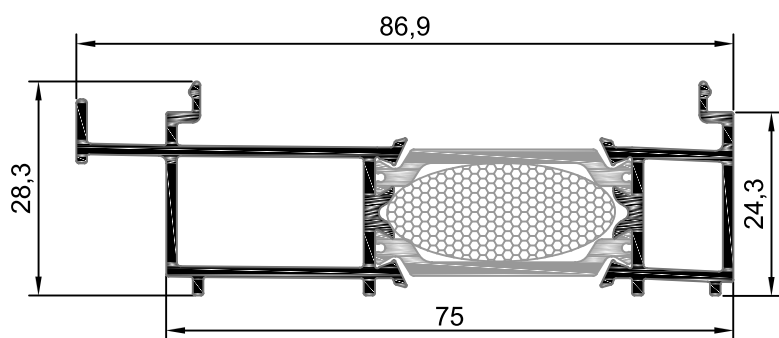


R75.34 Aro Móvel Abt. P/ Exterior

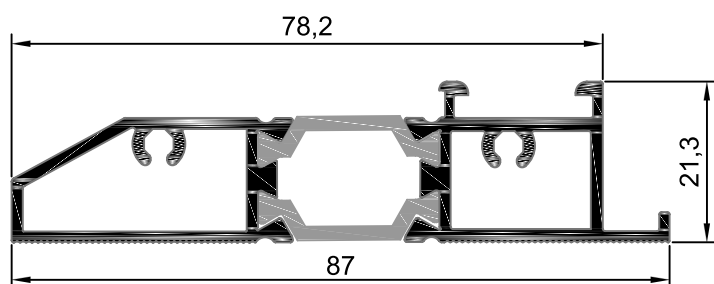


R75.74 Inversor Aro Fixo

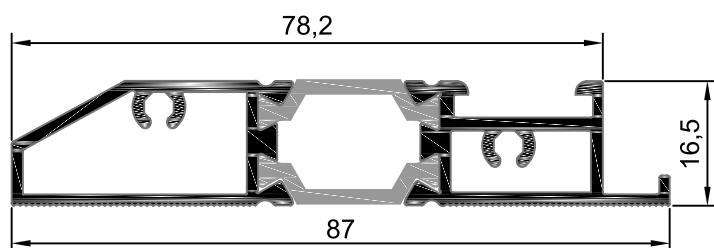




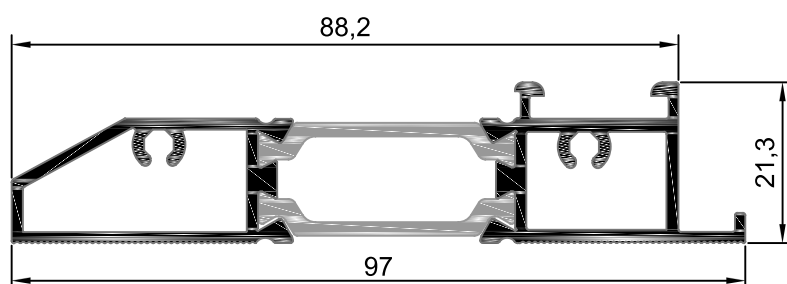
R75.81 *Soleira Condensação*



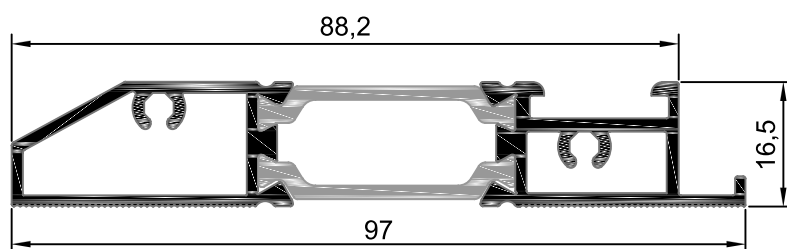
RS.92 *Remate Soleira*



RS.92A *Remate Soleira*

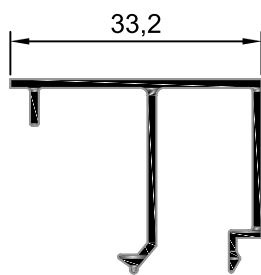


R75.92 *Remate Soleira*

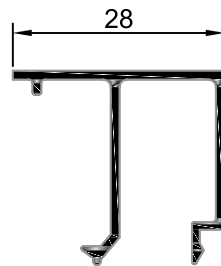


R75.92A *Remate Soleira*

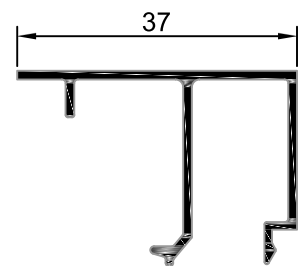
AP.59 *Bite*



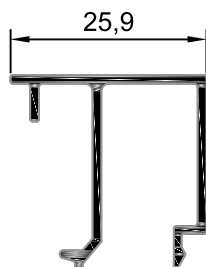
AP.58 *Bite*



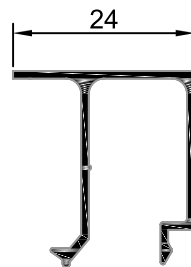
AP.60 *Bite*



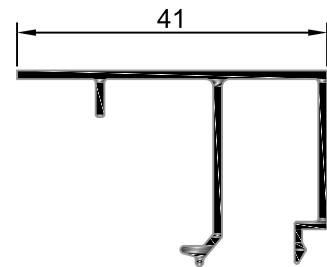
AP.57 *Bite*



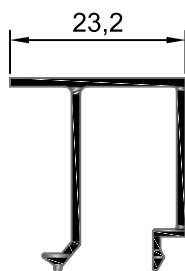
AP.50 *Bite*



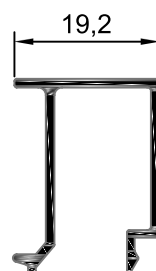
AP.61 *Bite*



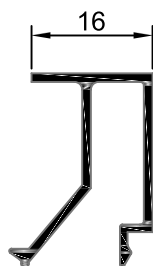
AP.56 *Bite*



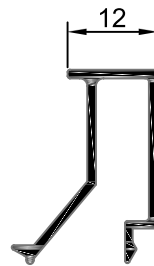
AP.55 *Bite*



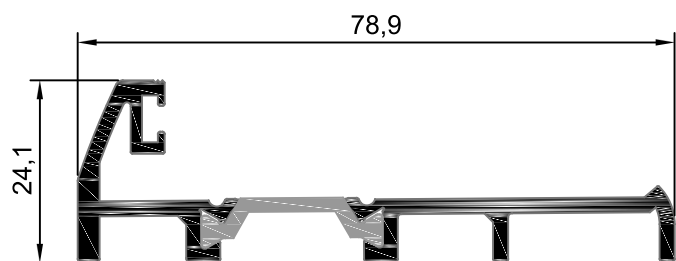
AP.54 *Bite*



AP.53 *Bite*

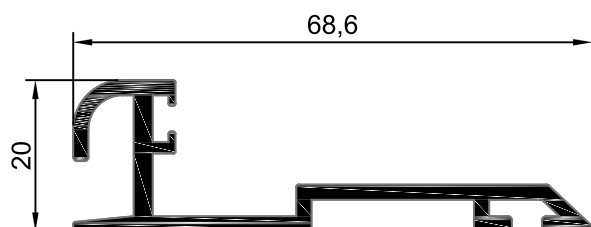
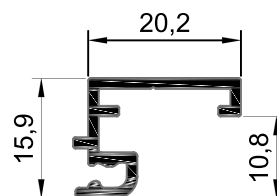


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RQ.90 *Remate Soleira*

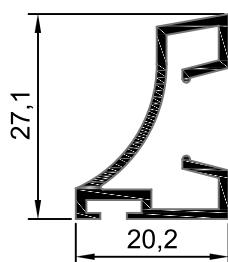
R65.94 *Remate*



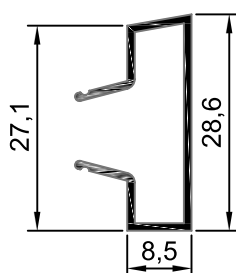
RQ.95 *Remate Soleira*

RQ.131 *Perfil Enchimento*

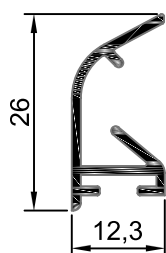
AQ.96 *Pingadeira*



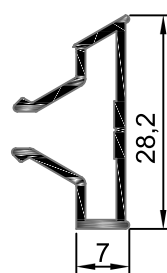
AQ.97 *Clip de Pingadeira*



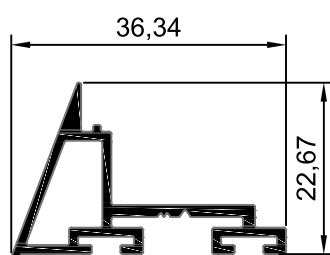
AQ.96A *Pingadeira*



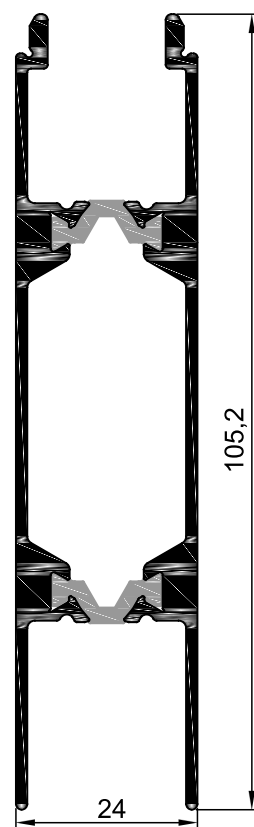
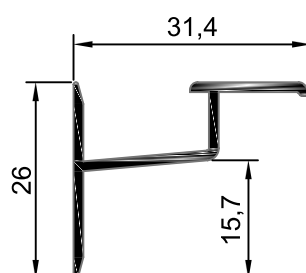
AQ.97A *Clip de Pingadeira*



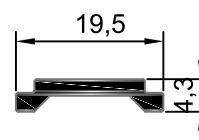
AQ.99 *Bite Inferior Vedação*

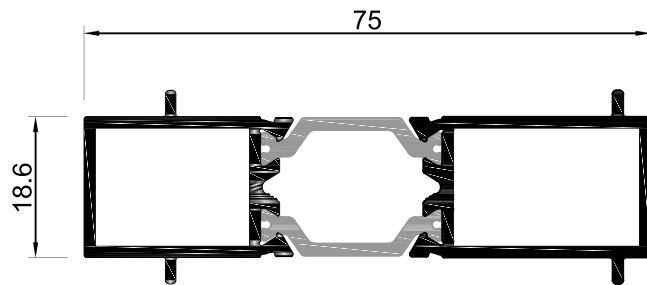


AQ.87 *Soleira Condensação*

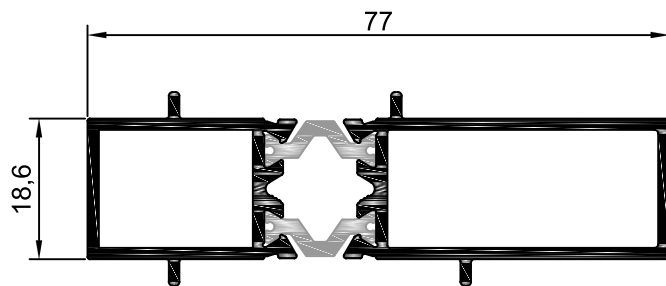


AQ.94 *Vareta Cremone*

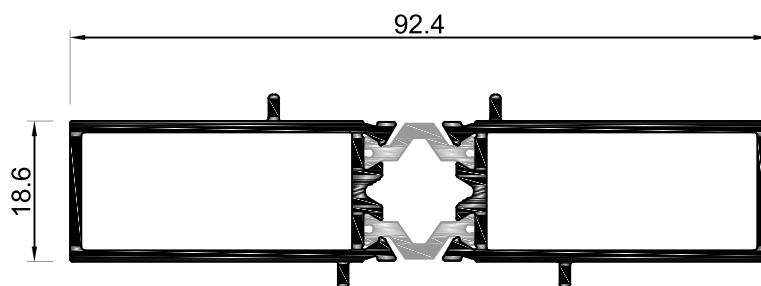




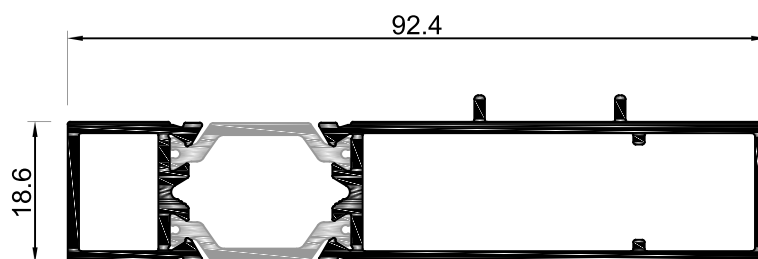
R65.97 Perfil Ligação



R65.98 Perfil Ligação



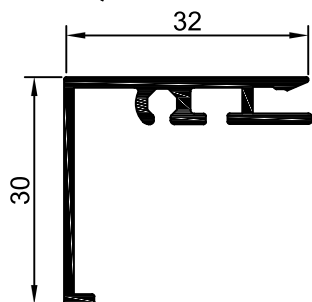
R65.99 Perfil Ligação



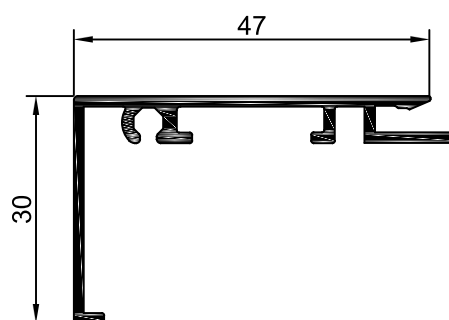
R65.100 Perfil Ligação

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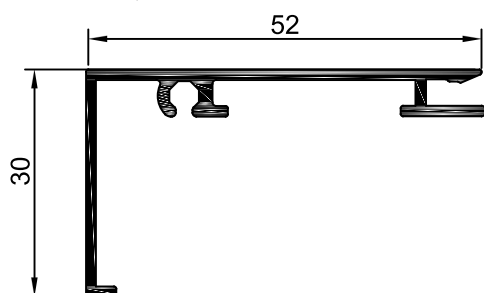
RQ.108 *Remate*



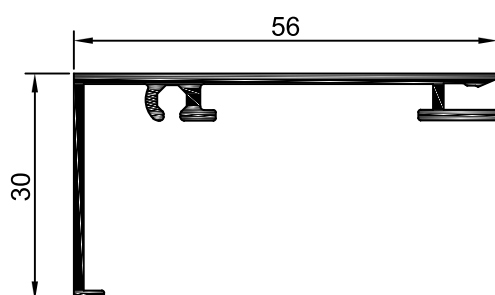
RQ.101 *Remate*



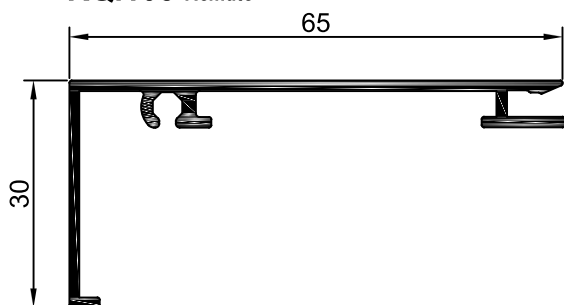
RQ.109 *Remate*



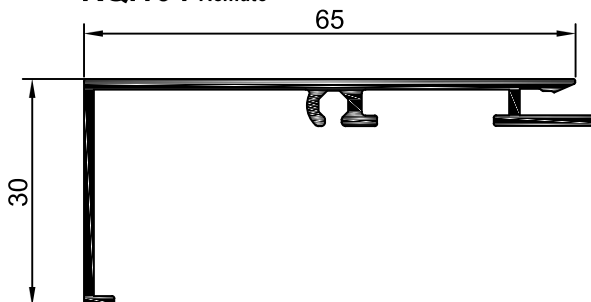
RQ.102 *Remate*



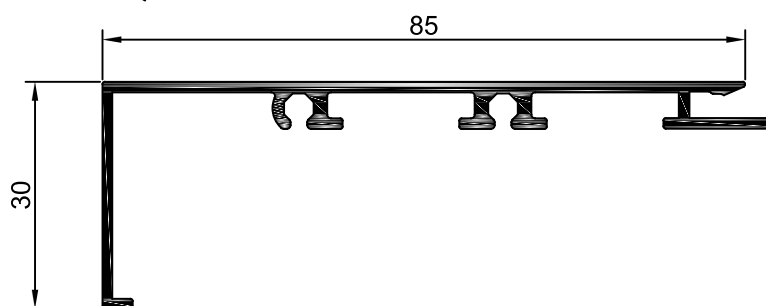
RQ.103 *Remate*



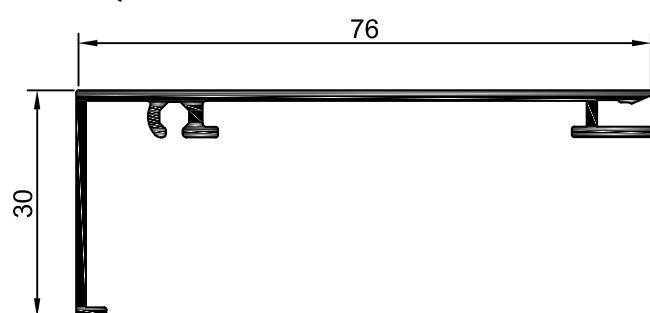
RQ.104 *Remate*



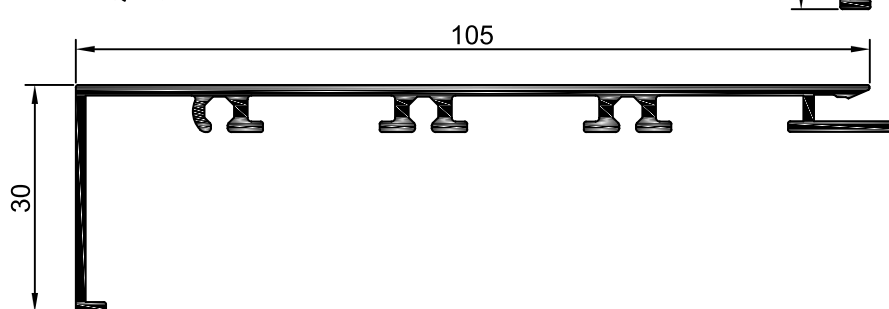
RQ.106 *Remate*



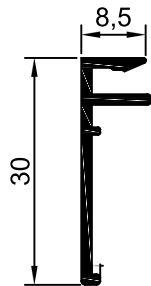
RQ.105 *Remate*



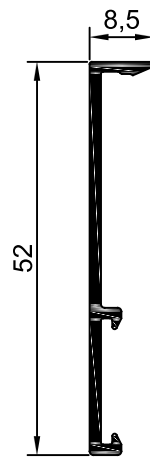
RQ.107 *Remate*



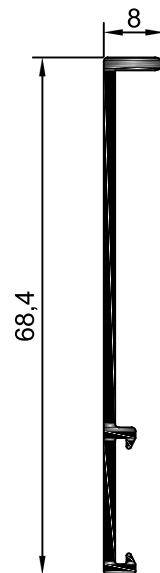
AQ.121 *Remate*



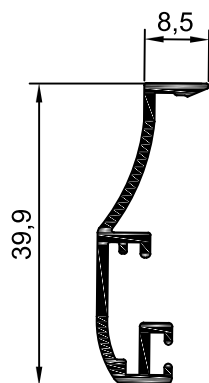
AQ.126 *Remate*



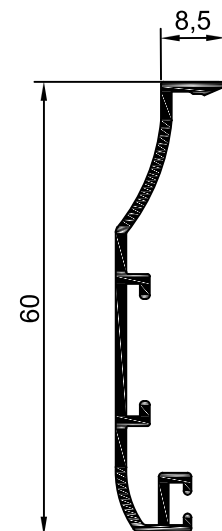
AQ.127 *Remate*



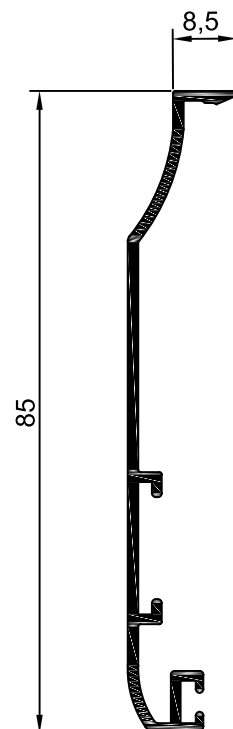
AQ.123 *Remate*



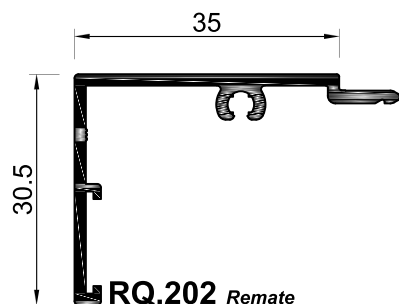
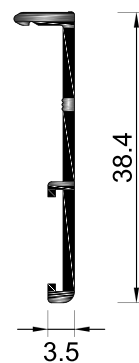
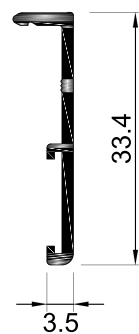
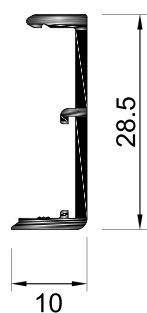
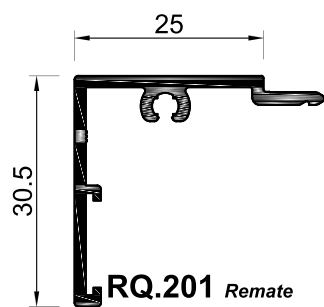
AQ.124 *Remate*



AQ.125 *Remate*



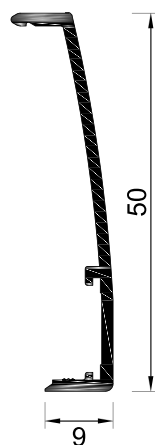
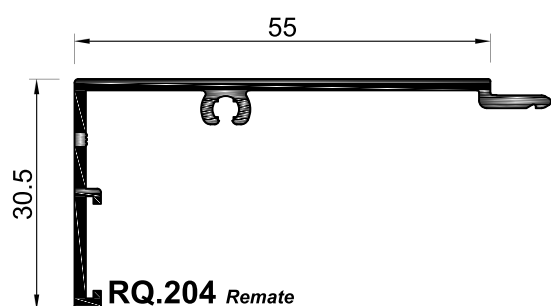
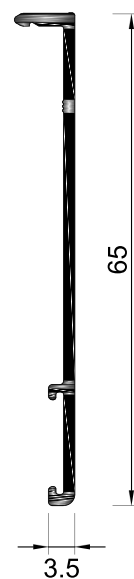
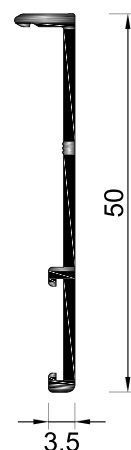
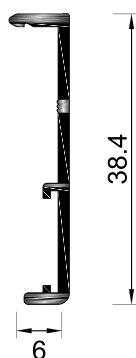
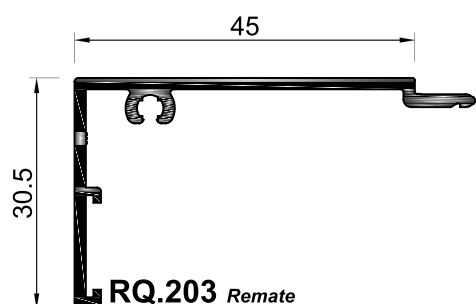
SÉRIE R75



AQ.201 Remate

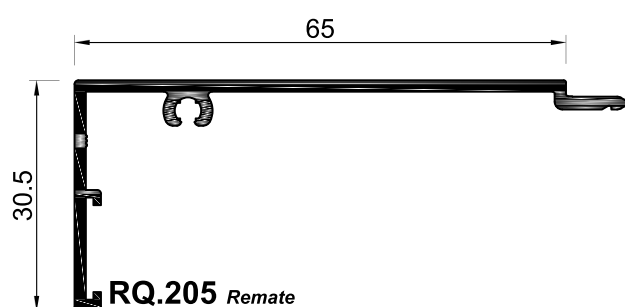
AQ.202 Remate

AQ.203 Remate

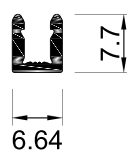
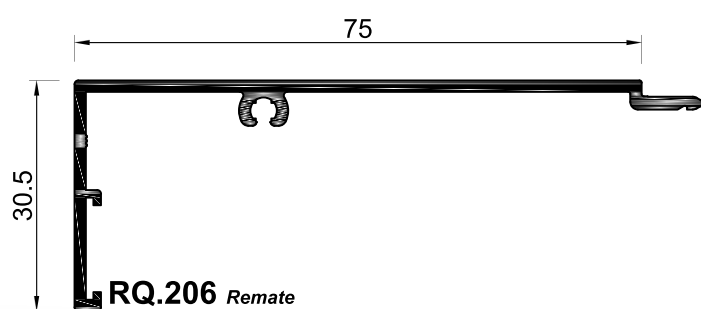
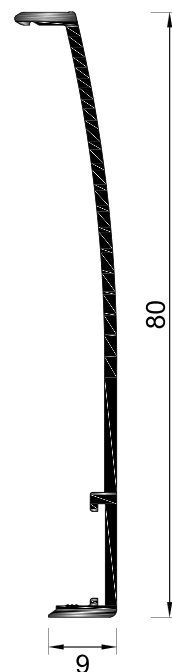
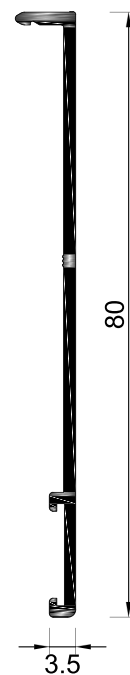


AQ.206 Remate

AQ.205 Remate



AQ.207 Remate

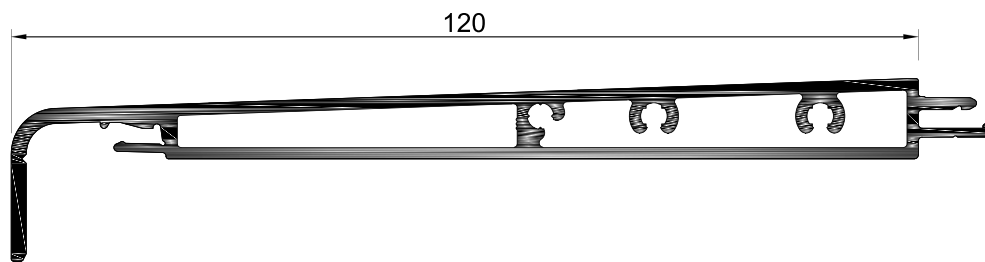


AQ.208 Remate

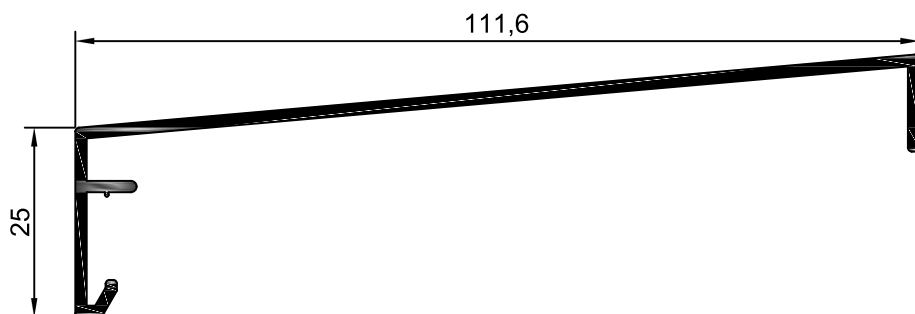
AQ.209 Remate

AQ.210 Remate

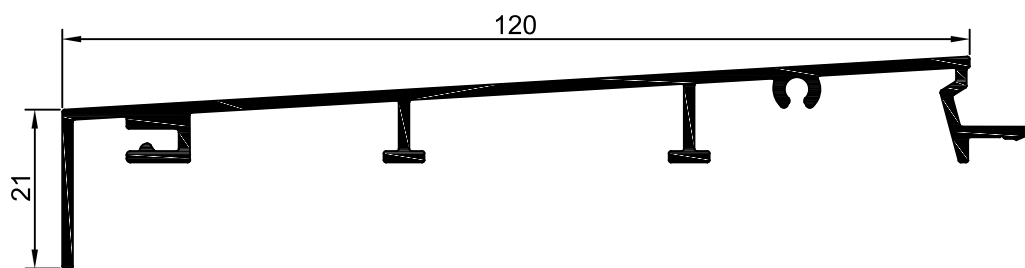
AQ.218 *Remate Inferior*



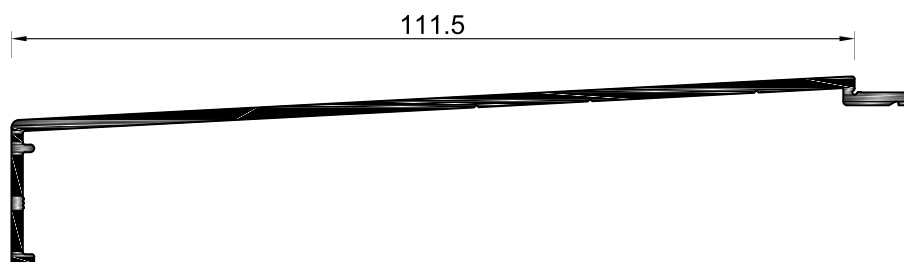
AQ.115 *Remate Inferior*



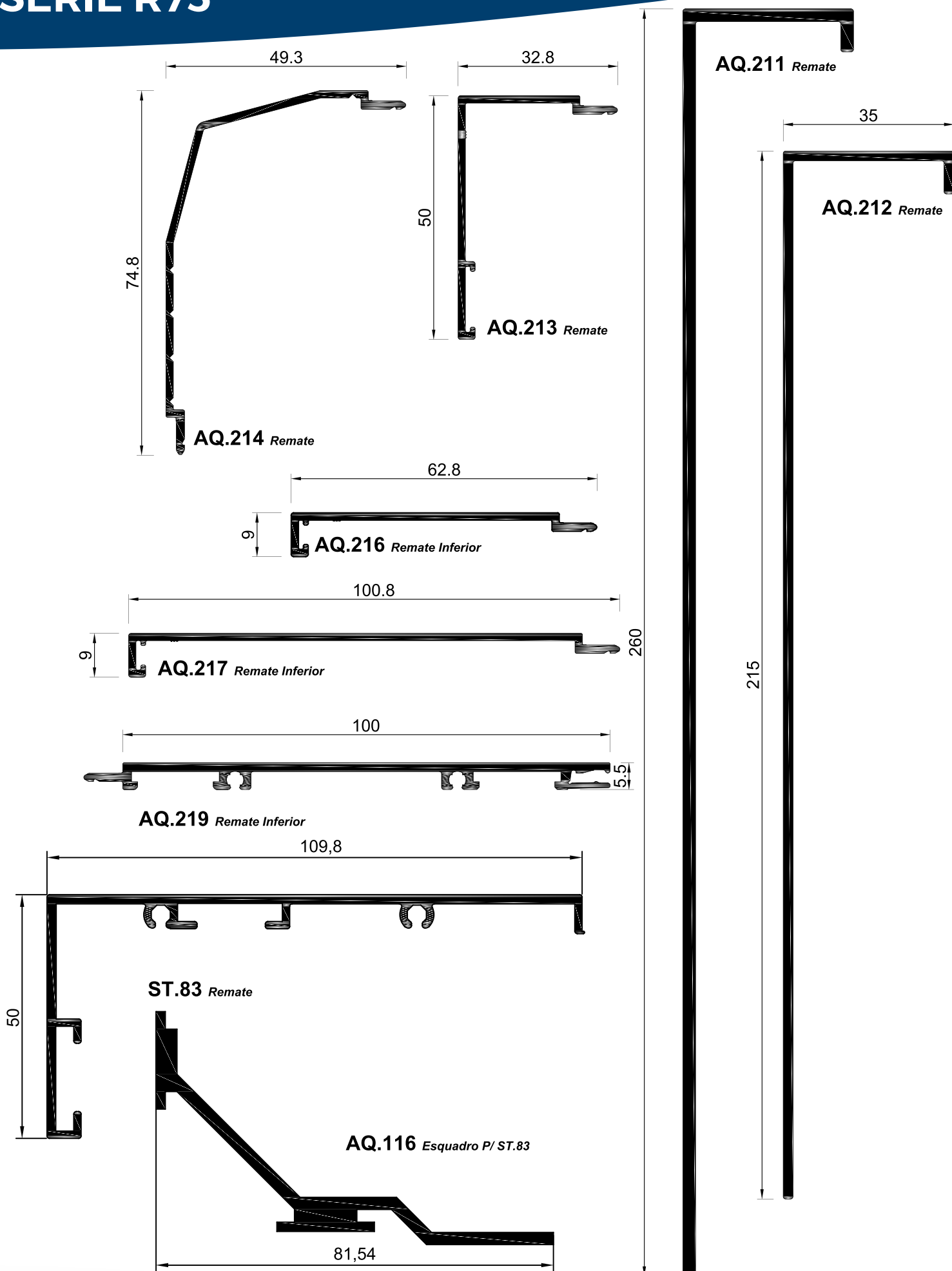
AQ.118 *Remate Inferior*



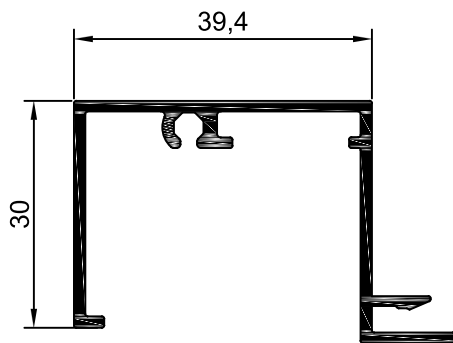
AQ.215 *Remate Inferior*



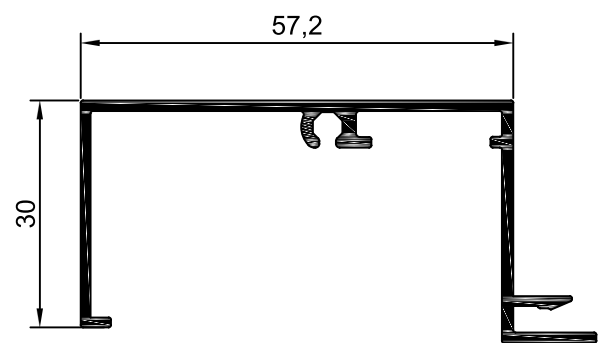
SÉRIE R75



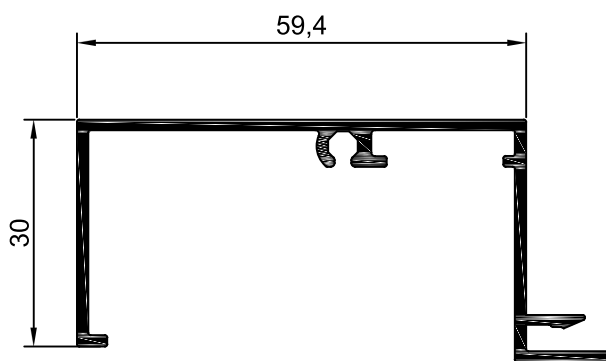
AQ.151 *Remate*



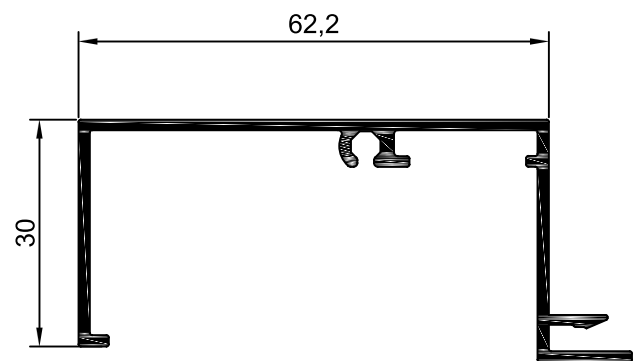
AQ.152 *Remate*



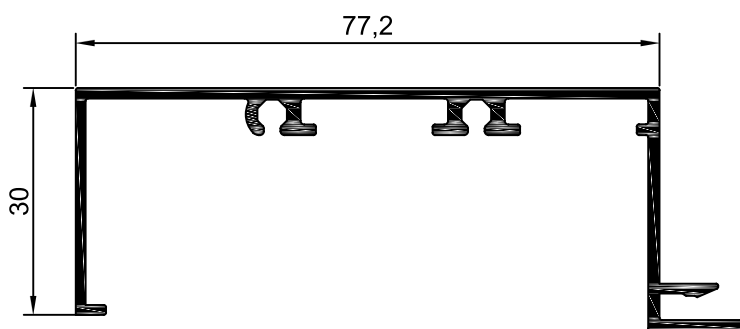
AQ.153 *Remate*



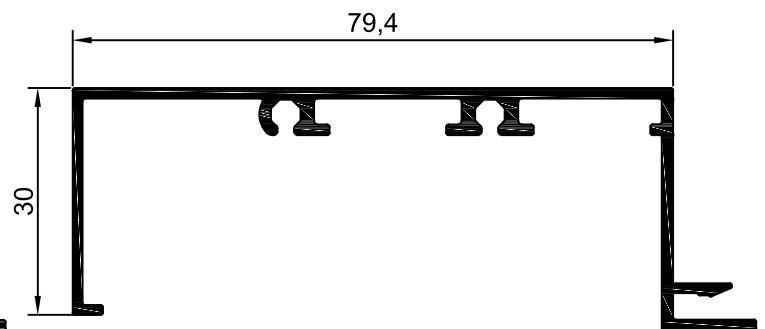
AQ.154 *Remate*



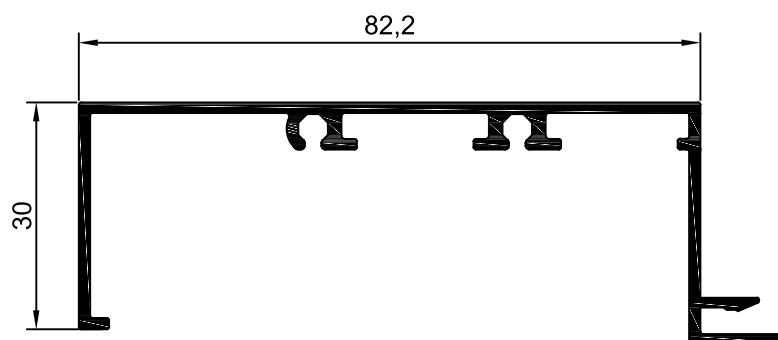
AQ.155 *Remate*



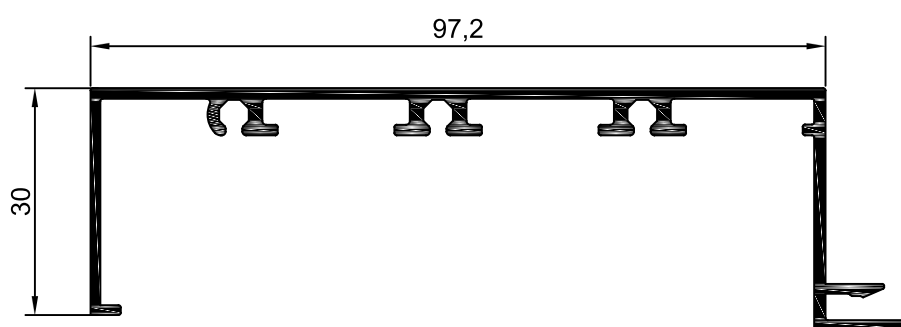
AQ.156 *Remate*



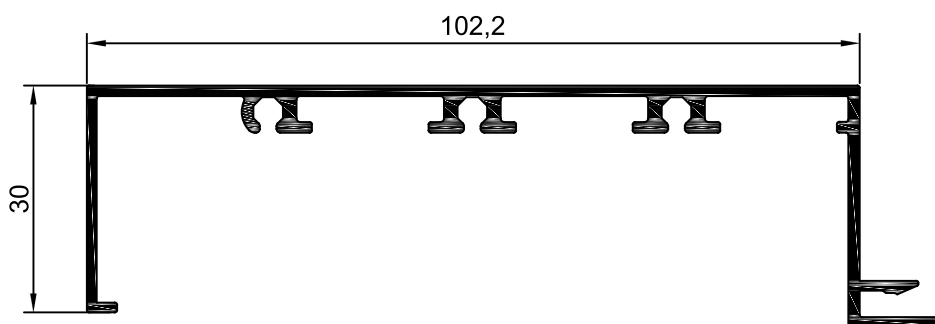
AQ.157 *Remate*



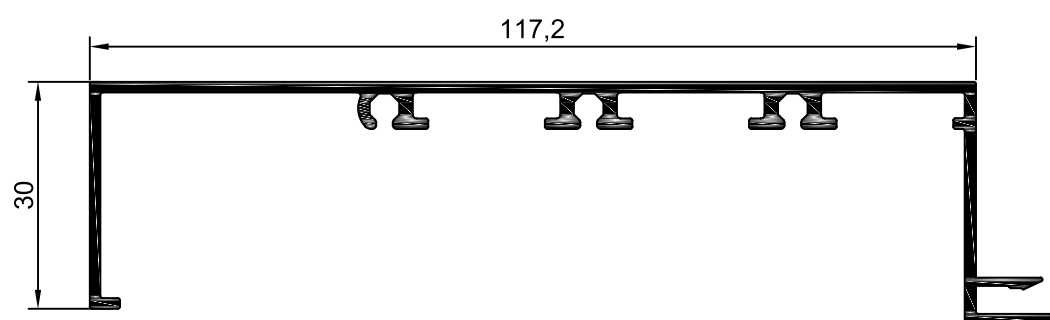
AQ.158 *Remate*

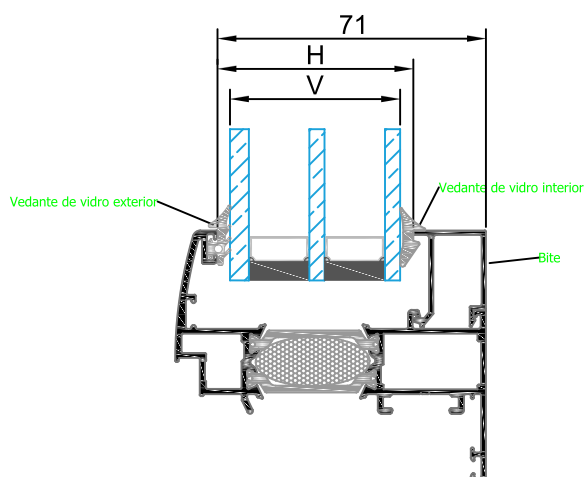


AQ.159 *Remate*



AQ.160 *Remate*





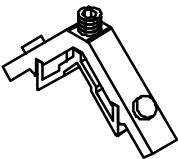
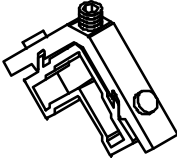
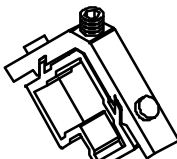
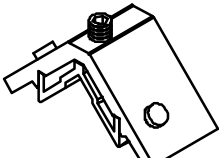
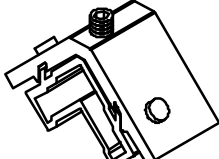
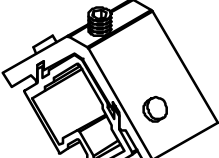
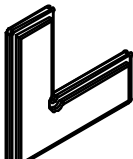
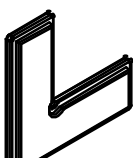
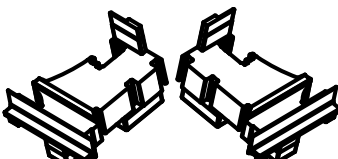
Bite	Caixa de vidro (H)	Vedante exterior	Vedante interior	Vidro (V)
AP.61 (41 mm)	30 mm	VD 042	VD 217	26
			VD 216	24
			VD 237	22
AP.60 (37 mm)	34 mm	VD 042	VD 217	28
			VD 216	27
			VD 237	26
AP.59 (33,2 mm)	37,8 mm	VD 042	VD 217	32
			VD 216	31
			VD 237	30
AP.58 (28 mm)	43 mm	VD 042	VD 217	37
			VD 216	36
			VD 237	35
AP.57 (25,9 mm)	45,1 mm	VD 042	VD 217	39
			VD 216	38
			VD 237	37
AP.50 (24 mm)	47 mm	VD 042	VD 217	41
			VD 216	40
			VD 237	39
AP.56 (23,2 mm)	47,8 mm	VD 042	VD 217	42
			VD 216	41
			VD 237	40
AP.55 (19,2 mm)	51,8 mm	VD 042	VD 217	46
			VD 216	45
			VD 237	44
AP.54 (16 mm)	55 mm	VD 042	VD 217	49
			VD 216	48
			VD 237	47
AP.53 (11,9 mm)	59,1 mm	VD 042	VD 217	53
			VD 216	52
			VD 237	51



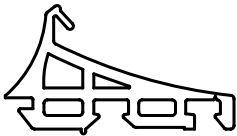
NORTALU[®]

ACESSÓRIOS

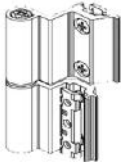
Acessórios

Referência	Desenho	Designação	Observações
ESQ NT48CEN9X14		Esquadro NT48 Centrado 9x14	
ESQ NT48CEN9X26		Esquadro NT48 Centrado 9x26	
ESQ NT48CEN9X36		Esquadro NT48 Centrado 9x36	
ESQ NT48DES24X14		Esquadro NT48 Descentrado 24x14	
ESQ NT48DES24X26		Esquadro NT48 Descentrado 24x26	
ESQ NT48DES24X36		Esquadro NT48 Descentrado 24x36	
ESQ ALINH751X12		Esquadro de Alinhamento 7.5 x 1.2	
ESQ 13		Esquadro de Alinhamento inox 15,1 x 0,8C	
TOP R75		Topo Inversor R75	

Acessórios

Referência	Desenho	Designação	Observações
605.9001		Goteira rasgo	
ESQ L10417		Esquadro união	
ESQ UNS200G		Esquadro união T/P Grande	
VD 042		Vedante Encaixe vidro exterior	
VD 216		Vedante Encaixe vidro interior	
VD 217		Vedante Encaixe vidro interior	
VD 237		Vedante Encaixe vidro interior	
VD 758		Vedante central R75	
VD 6030		Vedante Batente Aro Fixo R65	

Acessórios

Referência	Desenho	Designação	Observações
VD P1228 10 ES		Vedante Batente Aro Móvel	
KIT 0225600K		Kit Cremone 1 Folha	
02258000K		Kit Cremone 2 Folha	
FECHO 49041		Fecho CE Pequeno 2ªFolha Zamak	
FECHO 49048		Fecho CE Medio 2ªFolha Zamak	
FECHO 49054		Fecho CE Grande 2ªFolha Zama	
DOB 00120		Dobradiça Camara Europeia 2F	
DOB 00151		Dobradiça Camara Europeia 3F	
DOB 8020		Dobradiça Porta Pesada	

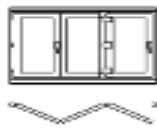
Referência	Desenho	Designação	Observações
6FAE67L062801		Fechadura Tripla 755/30 c/cilindro Fechadura Tripla 755/35 c/cilindro	
FECHO CG0107		Fecho Bandeira c/afinação Cam.Europeia	
FECHO D6030		Fecho Bandeira perfis tradição	
COMP 10631		Compasso Grande	
COMP 10630		Compasso Pequeno	
COMP 12301CE		Compasso Projectante EASY Aço Inox	
COMP 1210 INOX		Compasso Projectante	
FECHO 01024		Fecho Cremone Prima (Rapid 104)	
FECHO 01007		Fecho Cremona Supernova	
KIT 02245000		Kit Cremone Abertura Exterior	

ARTIGO	DESCRIÇÃO	APLICAÇÃO
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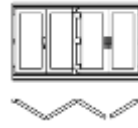
Diagramas



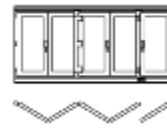
2 + 1



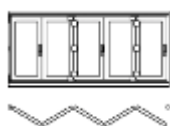
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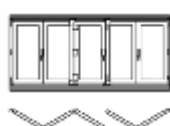
3 + 1



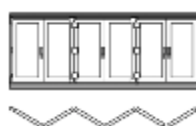
4 + 1



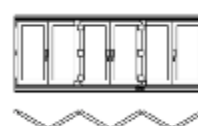
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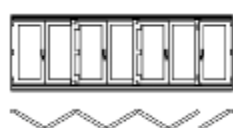
3 + 2



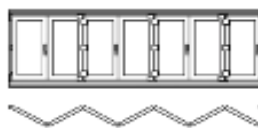
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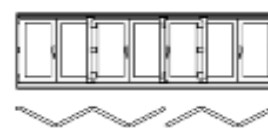
3 + 3



6 + 1



7



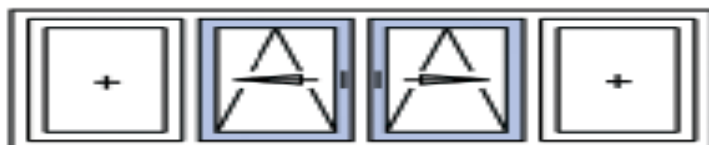
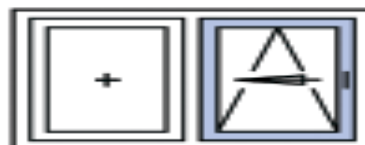
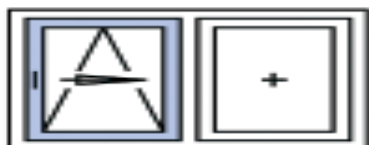
4 + 3

Importante:

Largura Mínima Por Folha:	350mm
Largura Máxima Por Folha:	900mm
Altura Mínima Por Folha:	850mm
Altura Máxima Por Folha:	2400mm
Peso Máximo Por Folha:	80 Kg

ARTIGO	DESCRIÇÃO	APLICAÇÃO
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Conjunto Oscilo-Paralela



Importante:

Altura Mínima:	850mm
Altura Máxima:	2400mm
Peso Máximo:	150 Kg

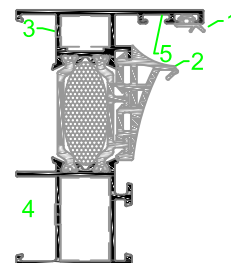


NORTALU[®]

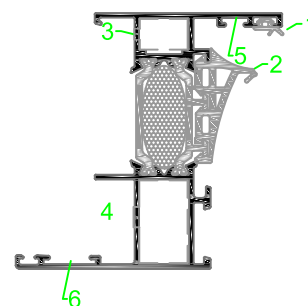
PORMENORES TÉCNICOS

ACESSÓRIOS AROS FIXOS

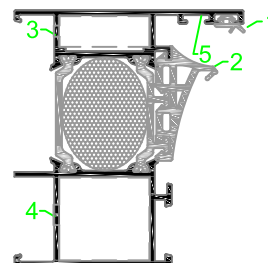
Acessórios Aro Fixo Janela R75.01		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	NT48CEN9X14	Esquadro NT48 Centrado 9x14
4	NT48DES24X14	Esquadro NT48 Descentrado 24x14
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2



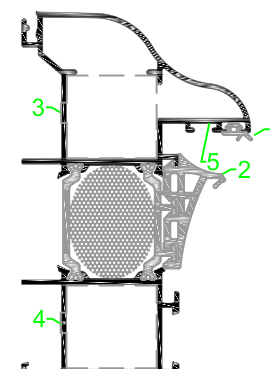
Acessórios Aro Fixo Janela R75.07		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	NT48CEN9X14	Esquadro NT48 Centrado 9x14
4	NT48DES24X14	Esquadro NT48 Descentrado 24x14
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c



Acessórios Aro Fixo Porta R75.03		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	NT48CEN9X26	Esquadro NT48 Centrado 9x26
4	NT48DES24X14	Esquadro NT48 Descentrado 24x26
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2

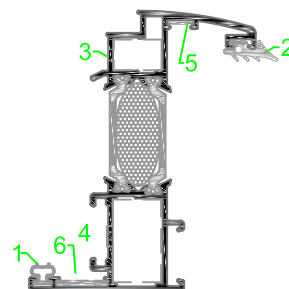


Acessórios Aro Fixo Porta R75.10		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	NT48DES24X26	Esquadro NT48 Descentrado 24x26
4	NT48DES24X26	Esquadro NT48 Descentrado 24x26
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2

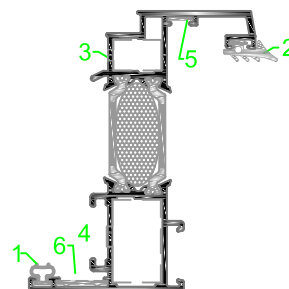


ACESSÓRIOS AROS MÓVEIS

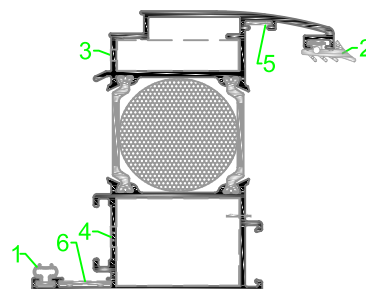
Acessórios Aro Móvel Curvo Janela R75.21		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X14	Esq. NT48 Centrado 9x14
4	NT48DES24X14	Esq. NT48 Descentrado 24x14
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c



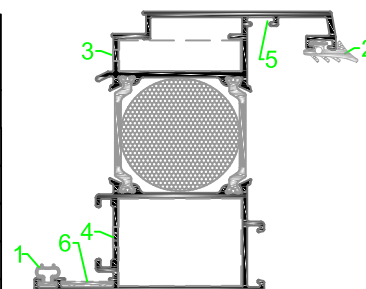
Acessórios Aro Móvel Janela R75.22		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X14	Esq. NT48 Centrado 9x14
4	NT48DES24X14	Esq. NT48 Descentrado 24x14
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c



Acessórios Aro Móvel Curvo Porta R75.31		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X36	Esquadro NT48 Centrado 9x36
4	NT48DES24X36	Esquadro NT48 Descentrado 24x36
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c

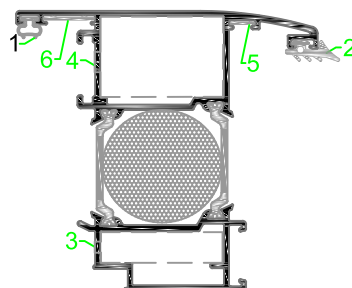


Acessórios Aro Móvel Porta R75.32		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X26	Esquadro NT48 Centrado 9x26
4	NT48DES24X36	Esquadro NT48 Descentrado 24x36
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c

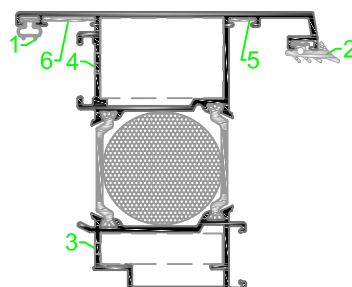


ACESSÓRIOS AROS MÓVEIS

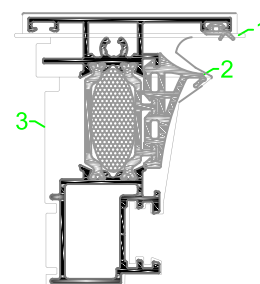
Acessórios Aro Móvel Curvo Porta Ab. Exterior R75.33		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X36	Esquadro NT48 Centrado 9x36
4	NT48DES24X36	Esquadro NT48 Descentrado 24x36
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c



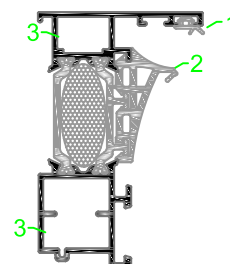
Acessórios Aro Móvel Porta Ab. Exterior R75.34		
1	P1228 10 ES	Vedante Batente Aro Móvel
2	VD 042	Vedante Encaixe vidro exterior
3	NT48CEN9X36	Esquadro NT48 Centrado 9x36
4	NT48DES24X36	Esquadro NT48 Descentrado 24x36
5	ALINH751X12	Esq. de Alinhamento 7.5 x 1.2
6	ESQ 13	Esq. de Alinhamento Inox 15,1 x 0,8c



Acessórios Inversor R75.71		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	TOP R75	Topo Inversor

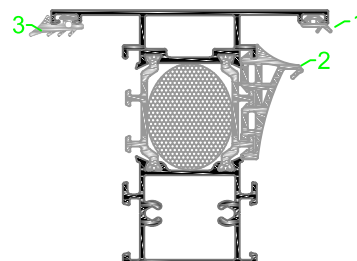


Acessórios Inversor Aro Fixo R75.74		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	NT48CEN9X14	Esquadro NT48 Centrado 9x14

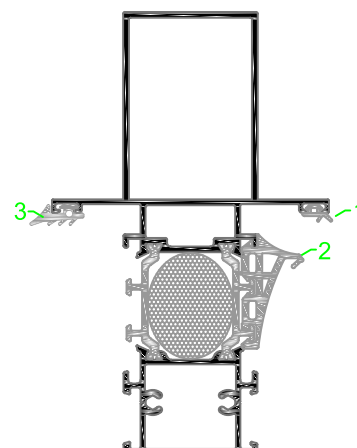


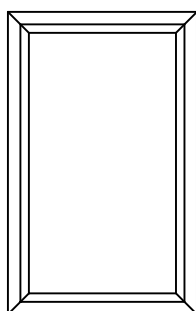
ACESSÓRIOS TRAVESSAS/MONTANTES

Acessórios Tavessa R75.11		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	VD 042	Vedante Encaixe vidro exterior



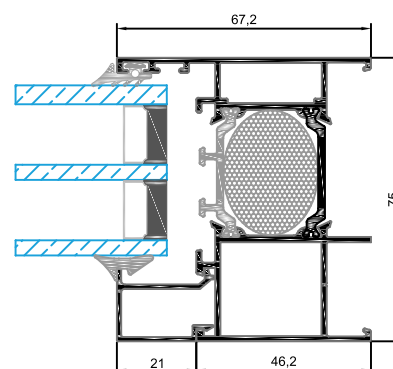
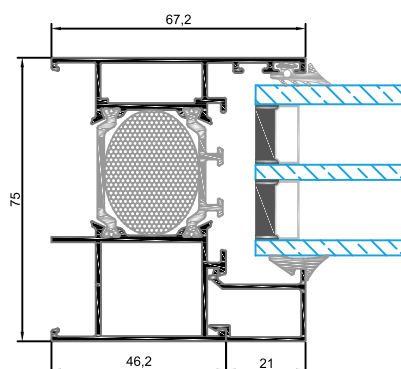
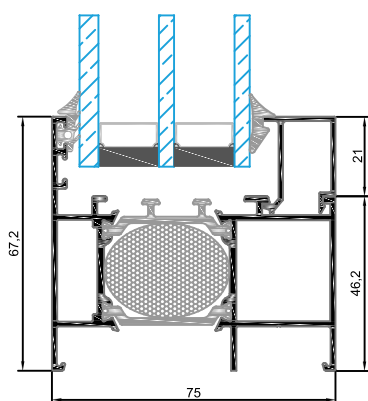
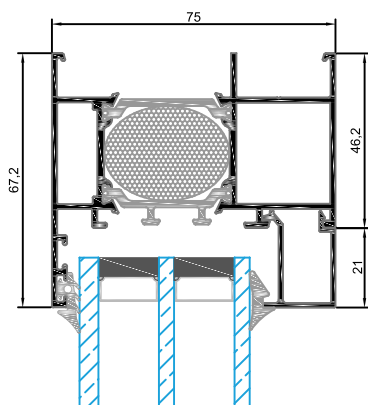
Acessórios Aro Móvel Porta R75.34		
1	VD 6030	Vedante Batente Aro Fixo
2	VD 758	Vedante central
3	VD 042	Vedante Encaixe vidro exterior



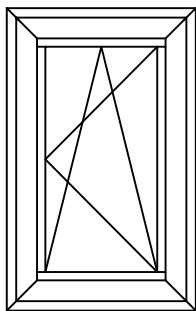


JANELA FIXA

Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.03 R75.10		Aro Fixo horizontal		2	L
		Aro Fixo vertical		2	H
Bite		Bite horizontal		2	L - 92,4
		Bite vertical		2	H - 134,4
Bite		Bite horizontal		2	L - 92,4
		Bite vertical		2	H - 134,4

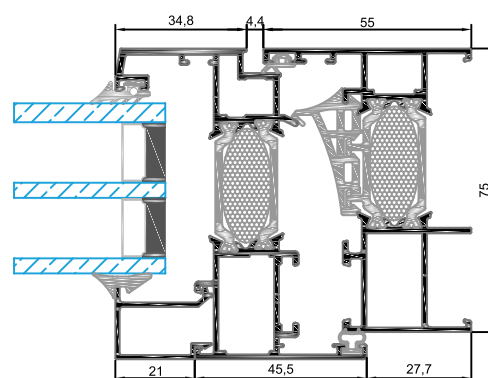
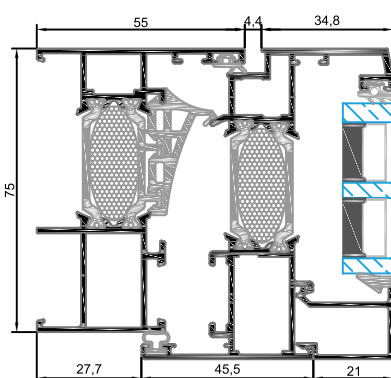
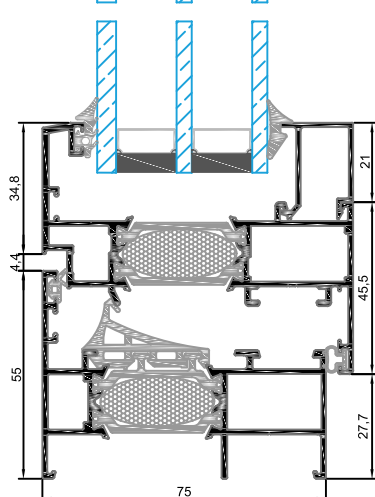
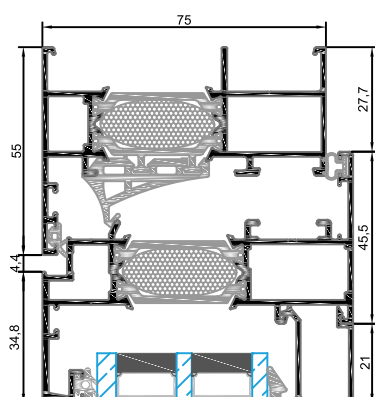


SÉRIE R75

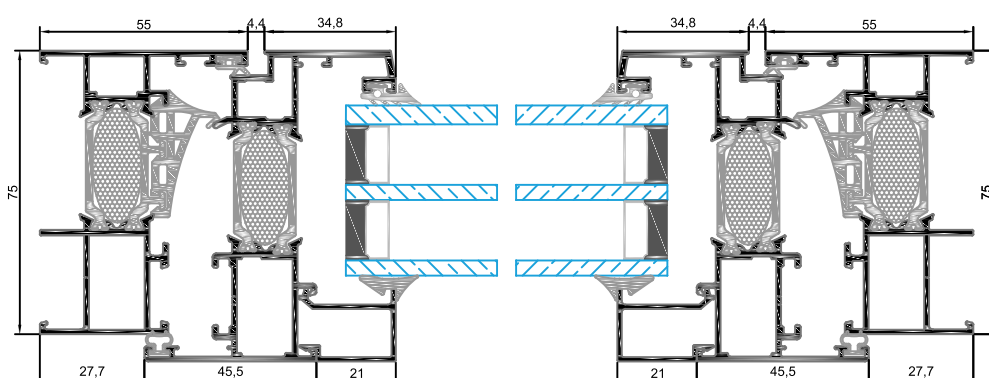
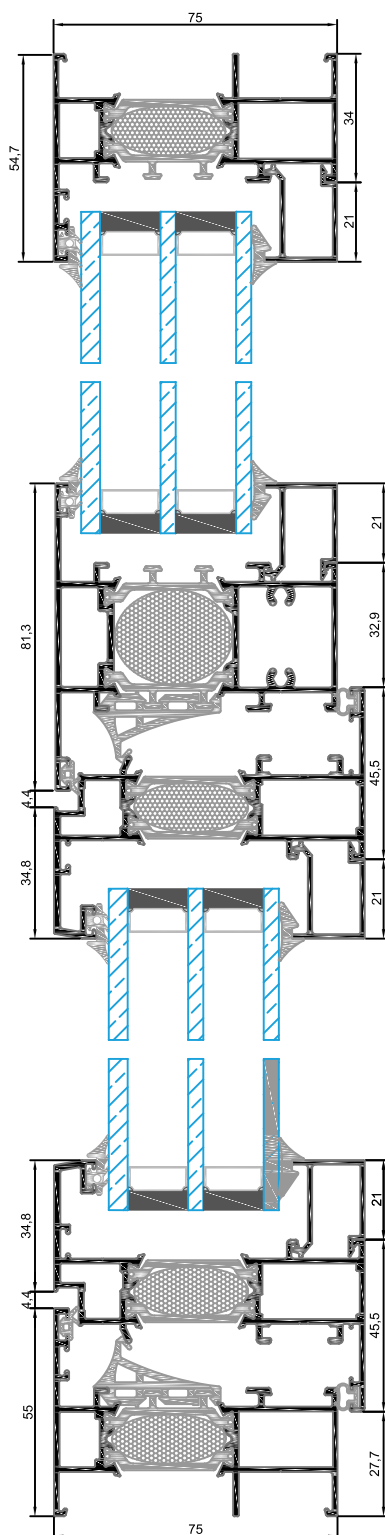
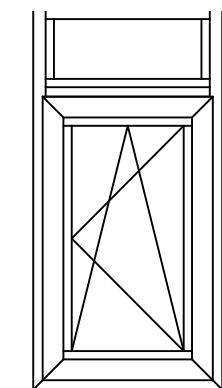


JANELA 1F
OSCILOBATENTE

Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.01 R75.07		Aro Fixo horizontal		2	L
		Aro Fixo vertical		2	H
R75.21 R75.22		Aro Móvel horizontal		2	L - 55,4
		Aro Móvel vertical		2	H - 55,4
Bite		Bite horizontal		2	L - 146,4
		Bite vertical		2	H - 188,4

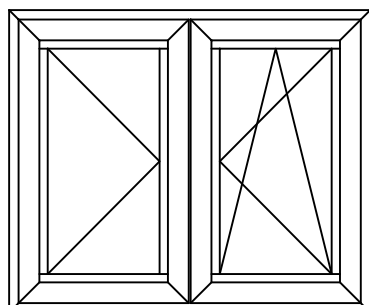
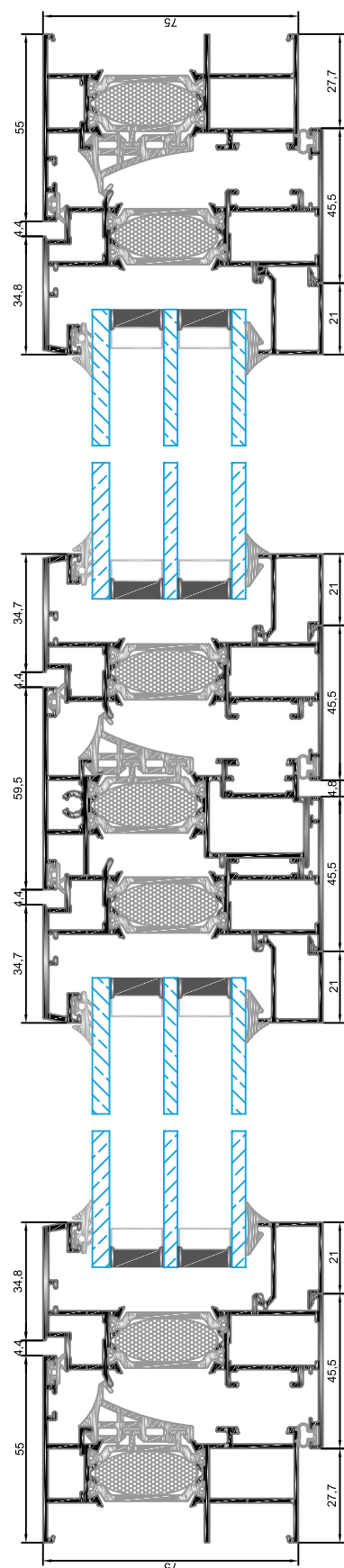


JANELA 1F OSCIOBATENTE + BANDEIRA



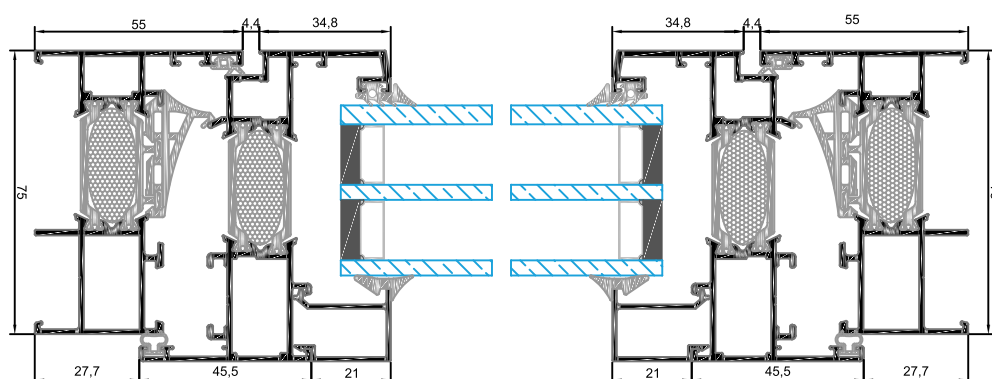
Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.01		Aro Fixo horizontal		2	L
R75.07		Aro Fixo vertical		2	H
R75.21		Aro Móvel horizontal		2	L - 55,4
R75.22		Aro Móvel vertical		2	H - 60,6
R75.11		Travessa		1	L - 45,8
R75.19					
Bite (Aro móvel)		Bite horizontal		2	L - 146,4
		Bite vertical		2	H - 193,6
Bite (Aro fixo)		Bite horizontal		2	L - 68
		Bite vertical		2	H1 - 76

SÉRIE R75

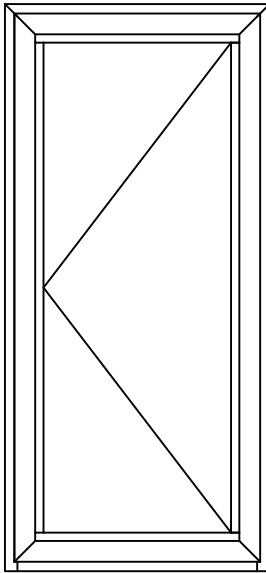


JANELA 2F OSCIOBATENTE

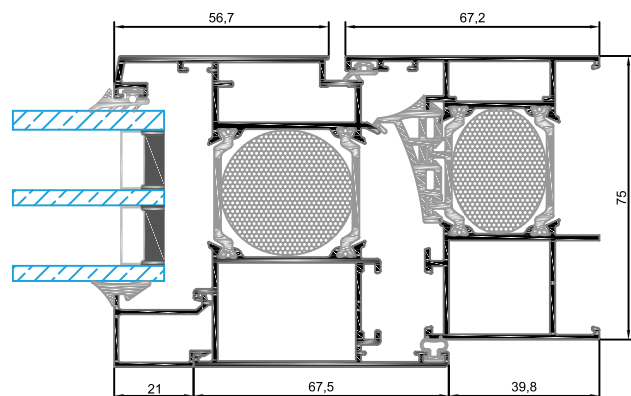
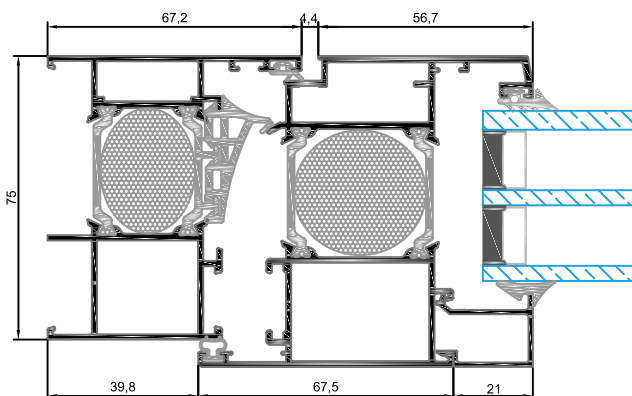
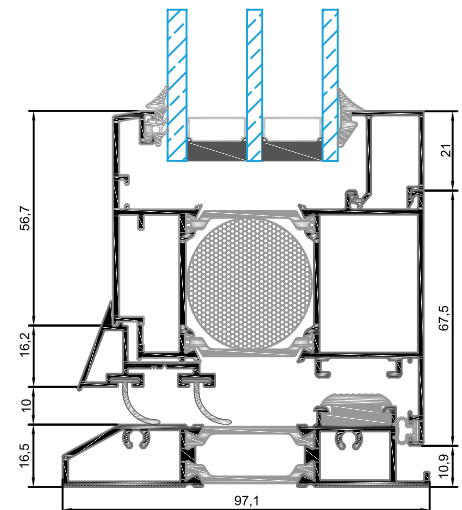
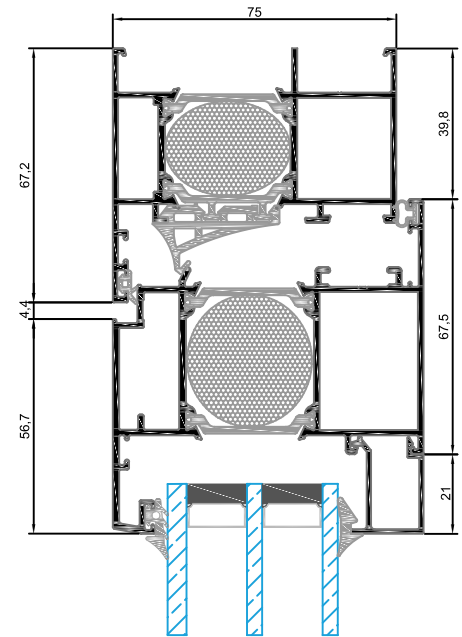
Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.01		Aro Fixo horizontal		2	L
R75.07		Aro Fixo vertical		2	H
R75.21		Aro Móvel horizontal		4	(L-60,2)/2
R75.22		Aro Móvel vertical		4	H - 55,4
R75.71		Inversor		1	H - 124,8
Bite		Bite horizontal		4	(L-242,2)/2
		Bite vertical		4	H - 188,4



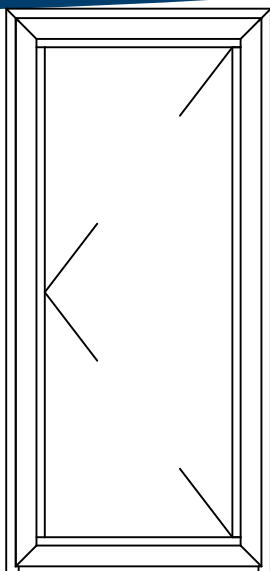
PORTA 1F ABERTURA INTERIOR C/ SOLEIRA INFERIOR



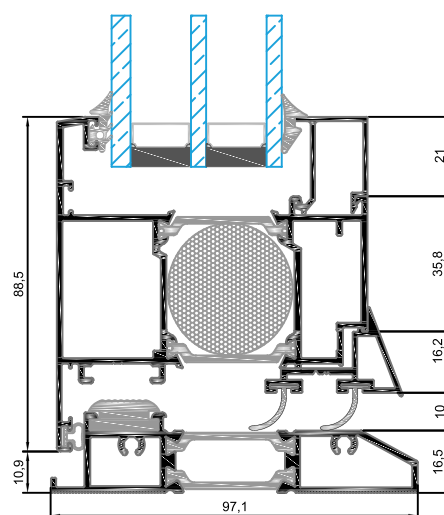
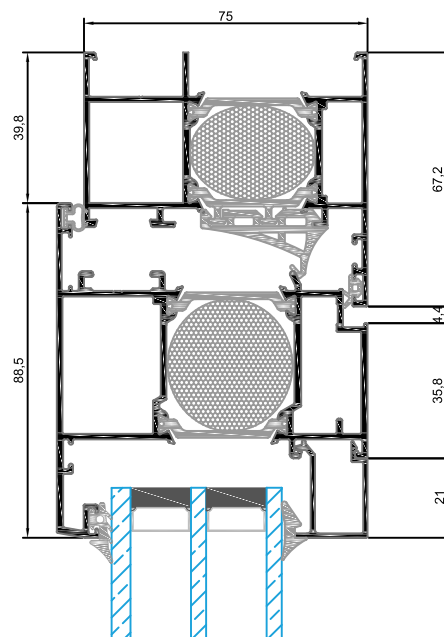
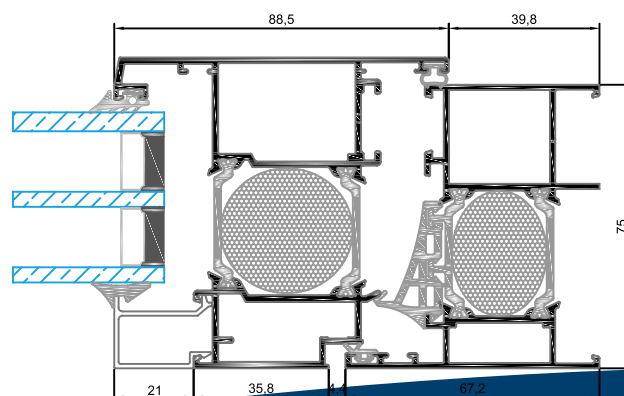
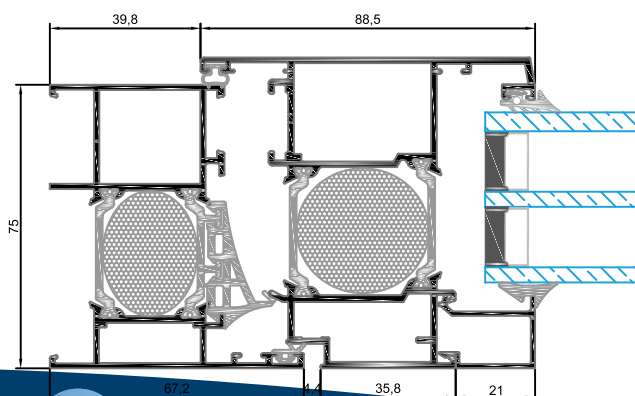
Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.03 R75.10		Aro Fixo horizontal		1	L
		Aro Fixo vertical		2	H
R75.31 R75.32		Aro Móvel horizontal		2	L - 79,6
		Aro Móvel vertical		2	H - 54,7
R75.92		Soleira		1	L - 82,4
AQ.99		Perfil remate		1	L - 143,2
Bite		Bite horizontal		2	L - 214,6
		Bite vertical		2	H - 231,7



PORTA 1F ABERTURA EXTERIOR C/ SOLEIRA INFERIOR



Ref.	Desenho	Designação	Corte	Uds.	Desconto
R75.03 R75.10		Aro Fixo horizontal		2	L
		Aro Fixo vertical		2	H
R75.33 R75.34		Aro Móvel horizontal		2	L - 79,6
		Aro Móvel vertical		2	H - 54,7
R75.92		Soleira		1	L - 82,4
AQ.99		Perfil remate		1	L - 143,2
Bite		Bite horizontal		2	L - 214,6
		Bite vertical		2	H - 231,7





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