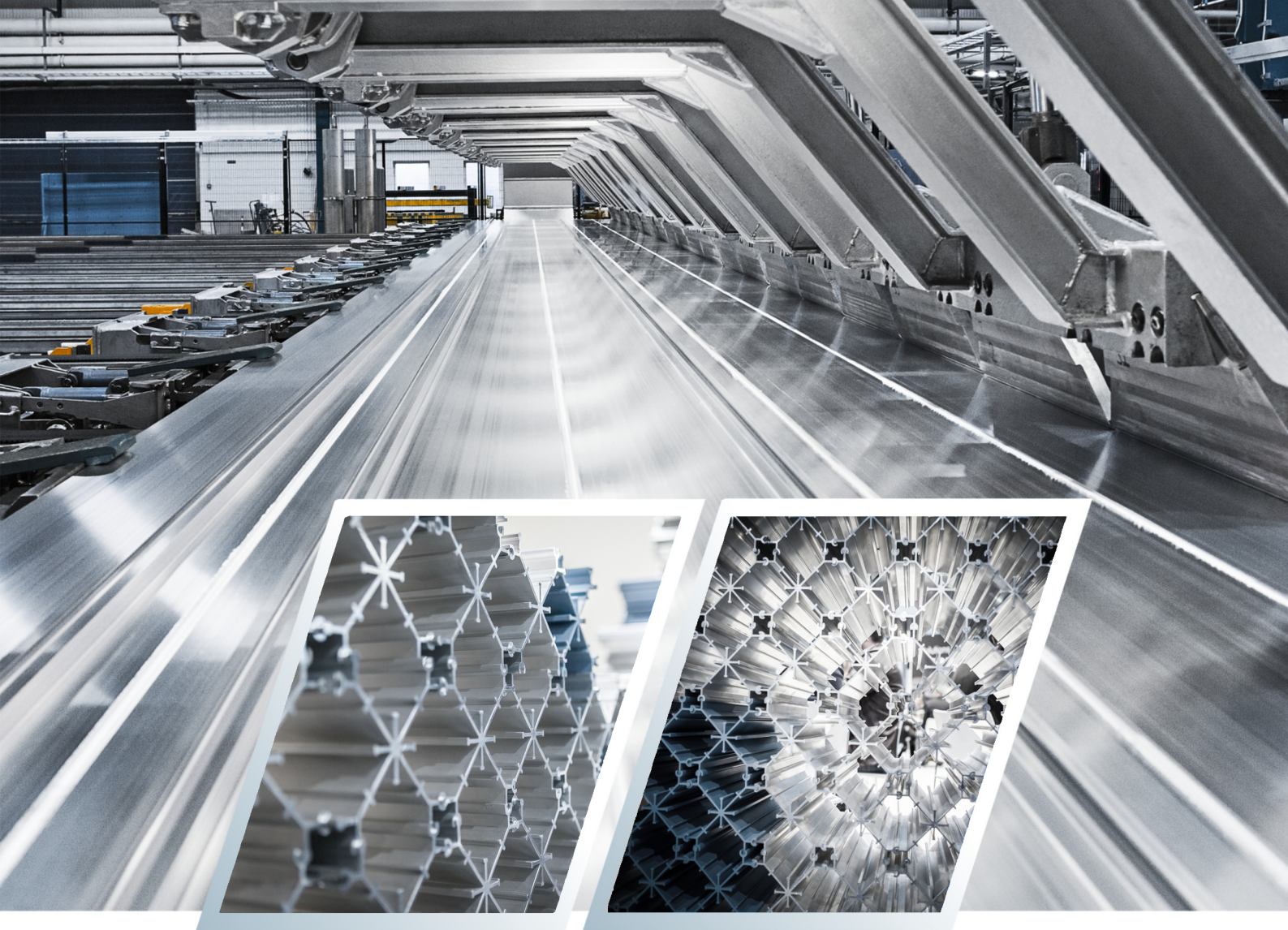




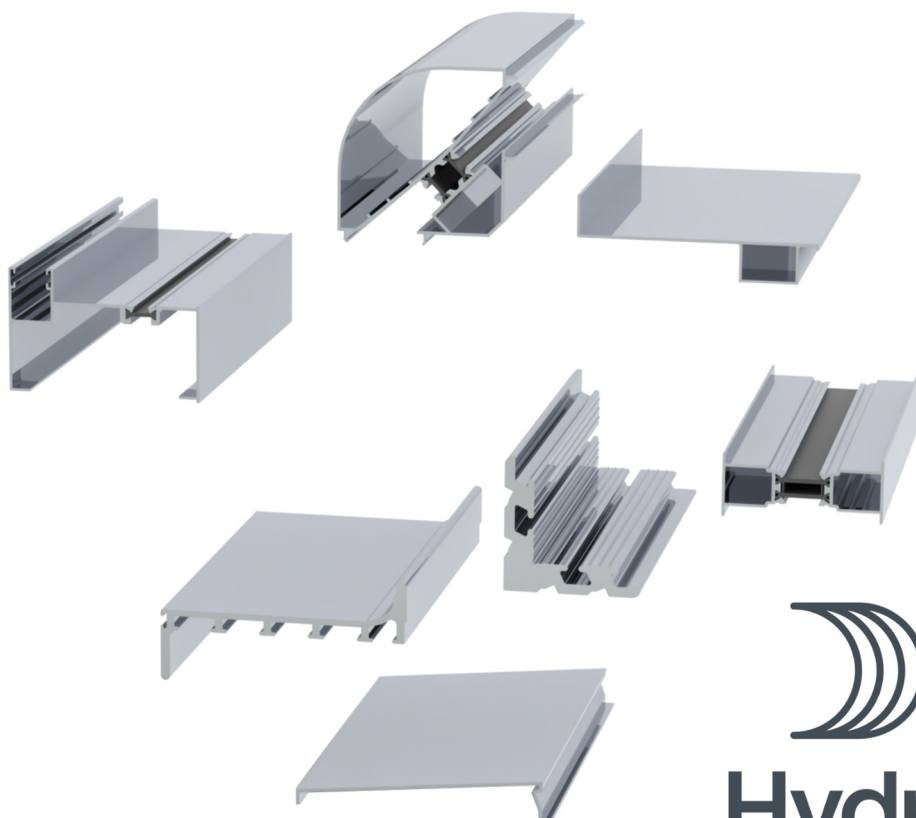
PERFIS COMPLEMENTARES

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ISO 14001



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PERFES COMPLEMENTARES

A. TAMPA/REMATES

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A.2. PERFIS

B. ESQUADROS/TOPOS

B.1. LISTAGEM

B.2. PERFIS

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C.2. PERFIS

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D.1. LISTAGEM

D.2. PERFIS

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G. UNIÕES

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I.1. LISTAGEM

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J.1. LISTAGEM

J.2. PERFIS

K. TAPA JUNTAS

K.1. LISTAGEM

K.2. PERFIS

L. PORTÃO

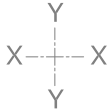
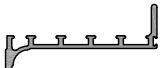
L.1. LISTAGEM

L.2. PERFIS

A. TAMPA / REMATES

A.1.- LISTAGEM

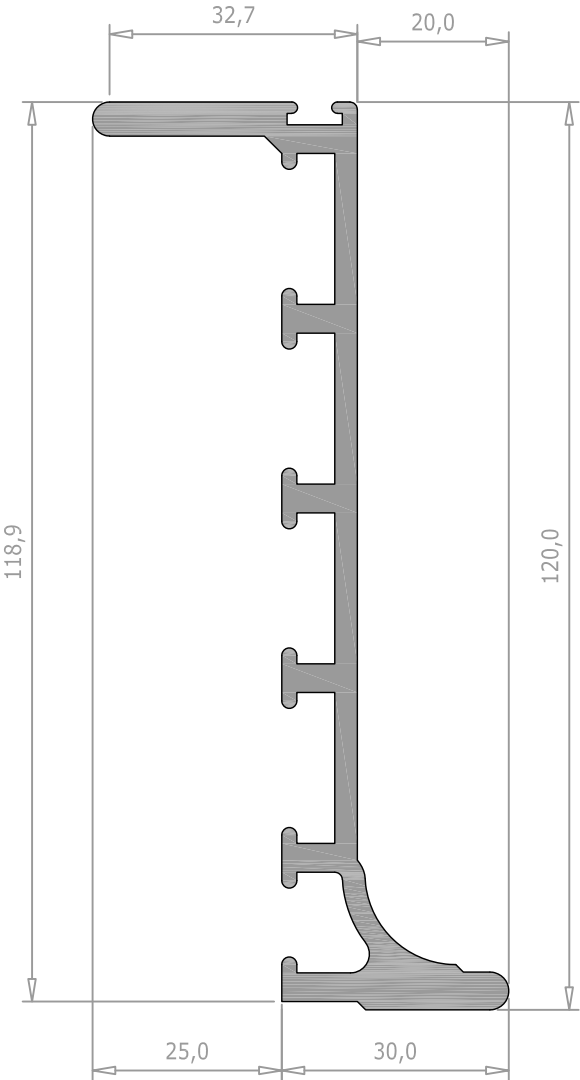
Listagem

	Secção	Descrição	Peso Kg./m	Superfície	Fabrica
				Exterior (dm ² /m) Total (dm ² /m)	
E-18165		Remate 300 mm.	2,384	72,1 72,1	La Roca
E-374657		Remate 245 mm.	1,977	64,1 64,1	La Roca
M-4845		Remate 255 mm.	1,695	61,5 61,5	La Roca
E335353		Tampa 115 mm.	2,131	45,5 45,5	Navarra

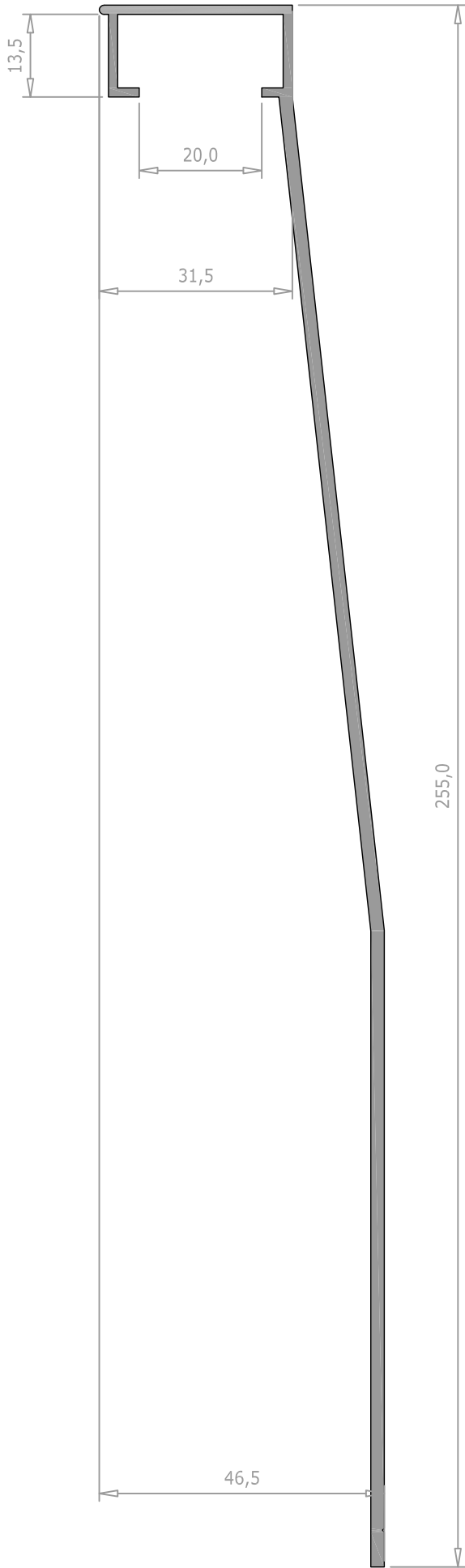
A.2.- PERFIS 1:1

E335353	Espes.	Sup. Ext.	Sup. Total	Peso	M-4845	Espes.	Sup. Ext.	Sup. Total	Peso
Tampa 115 mm.	- mm	45,5 dm ² /m	45,5 dm ² /m	2,131 Kg/m	Remate 255 mm.	2,2 mm	61,5 dm ² /m	61,5 dm ² /m	1,695 Kg/m

NAV



LAR

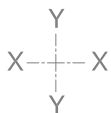
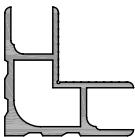
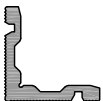
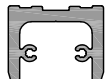
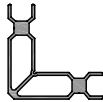
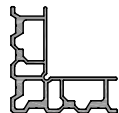
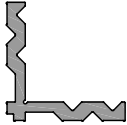
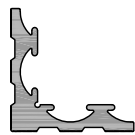
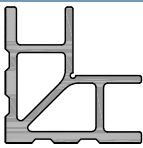


E-374657					E-18165				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Remate 245 mm.	2,3 mm	64,1 dm ² /m	64,1 dm ² /m	1,977 Kg/m	Remate 300 mm.	2,5 mm	72,1 dm ² /m	72,1 dm ² /m	2,384 Kg/m
LAR					LAR				

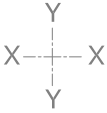
B. ESQUADROS / TOPOS

B.1.- LISTAGEM

Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
2002826		Esquadro união 36 mm.	3,944	46,6 63,4	Navarra
2046680		Vara CE	0,124	4,5 4,5	Navarra
2058951		Vara CE	0,149	4,8 4,8	Navarra
2065369		Esquadro de reforço	1,609	23,1 23,1	Navarra
2067966		Topo transversal	2,275	30,7 30,7	Navarra
2078970		Esquadro de extrusão	1,010	23,9 38,1	Navarra
2078972		Esquadro de extrusão	1,582	25,9 53,8	Navarra
BR-14		Esquadro de reforço	2,394	30,1 30,1	Avintes
E400799		Esquadro união 14 mm.	2,722	34,0 34,0	Navarra
E551643		Esquadro de extrusão	3,842	42,3 64,1	Navarra
E700877		Vara R	0,167	5,8 5,8	Navarra

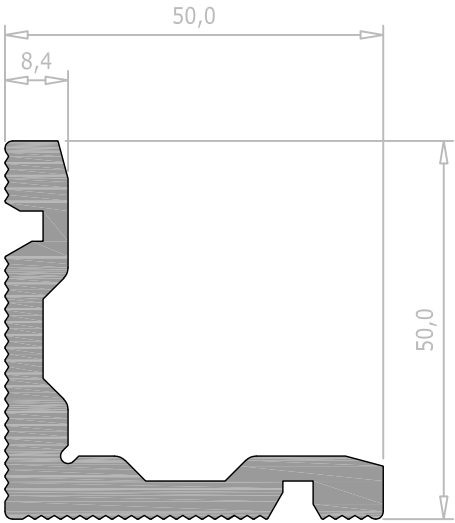
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fabrica
				Exterior (dm ² /m)	Total (dm ² /m)	
E900998		Vara CE	0,164	5,1	5,1	Navarra
M-1144		Vara	0,133	5,5	5,5	La Roca
M-2011		Vara	0,140	5,0	5,0	La Roca
M-2771		Suplemento esquadro	1,537	38,0	38,0	La Roca

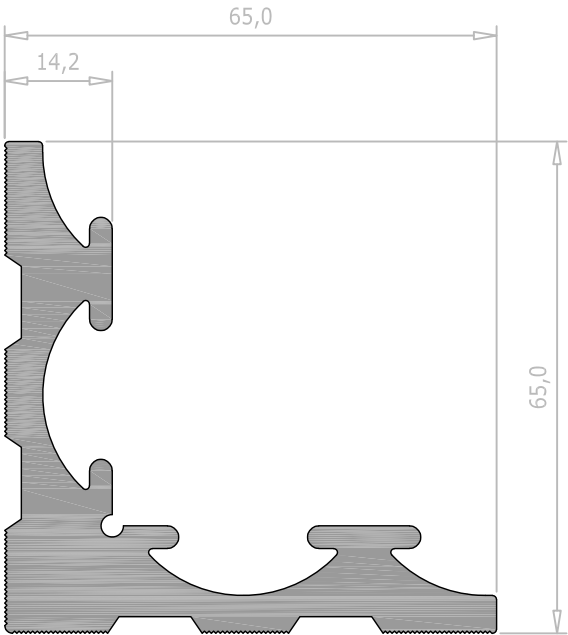
B.2.- PERFIS 1:1

2065369	Espes.	Sup. Ext.	Sup. Total	Peso	E400799	Espes.	Sup. Ext.	Sup. Total	Peso
Esquadro de reforço	- mm	23,1 dm ² /m	23,1 dm ² /m	1,609 Kg/m	Esquadro união 14 mm.	- mm	34,0 dm ² /m	34,0 dm ² /m	2,722 Kg/m

NAV

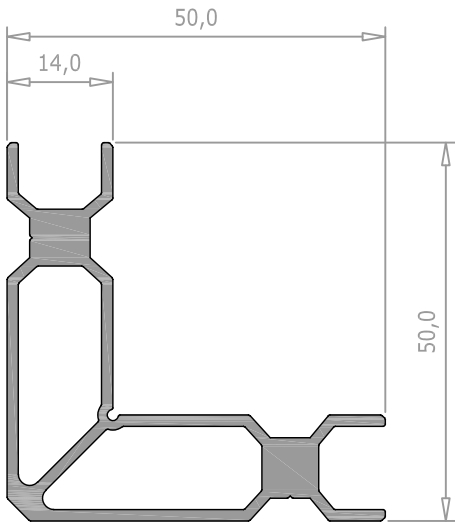


NAV

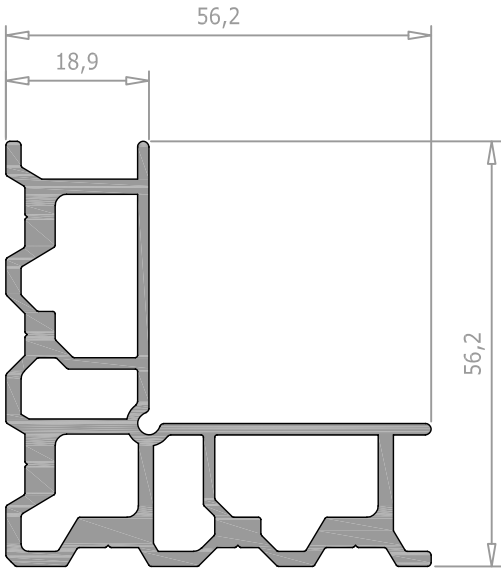


2078970	Espes.	Sup. Ext.	Sup. Total	Peso	2078972	Espes.	Sup. Ext.	Sup. Total	Peso
Esquadro de extrusão	1,5 mm	23,9 dm ² /m	38,1 dm ² /m	1,010 Kg/m	Esquadro de extrusão	2,0 mm	25,9 dm ² /m	53,8 dm ² /m	1,582 Kg/m

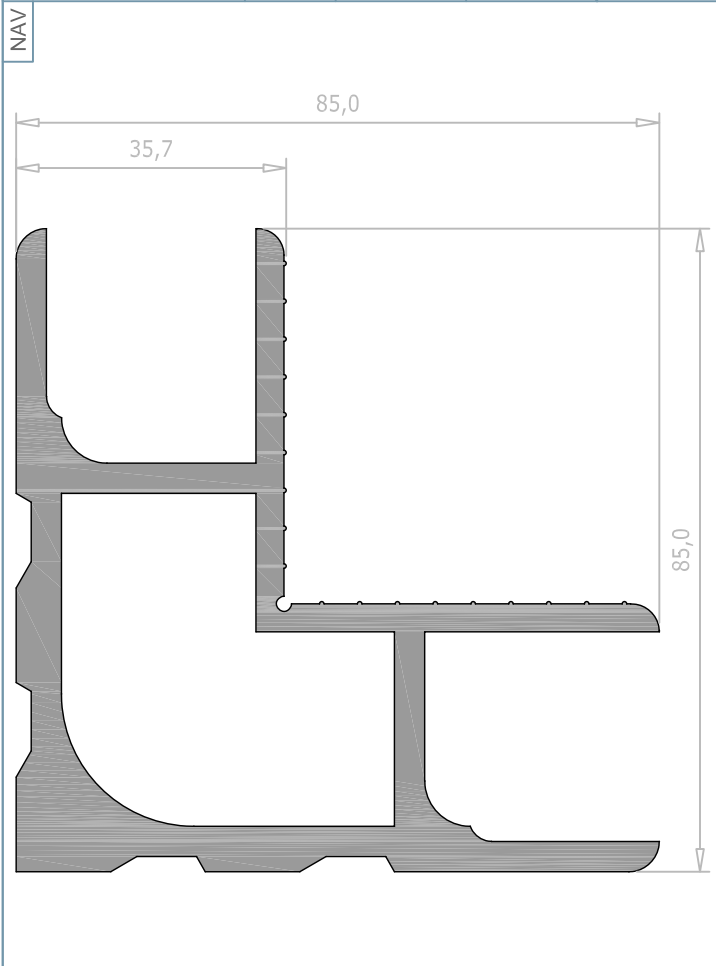
NAV



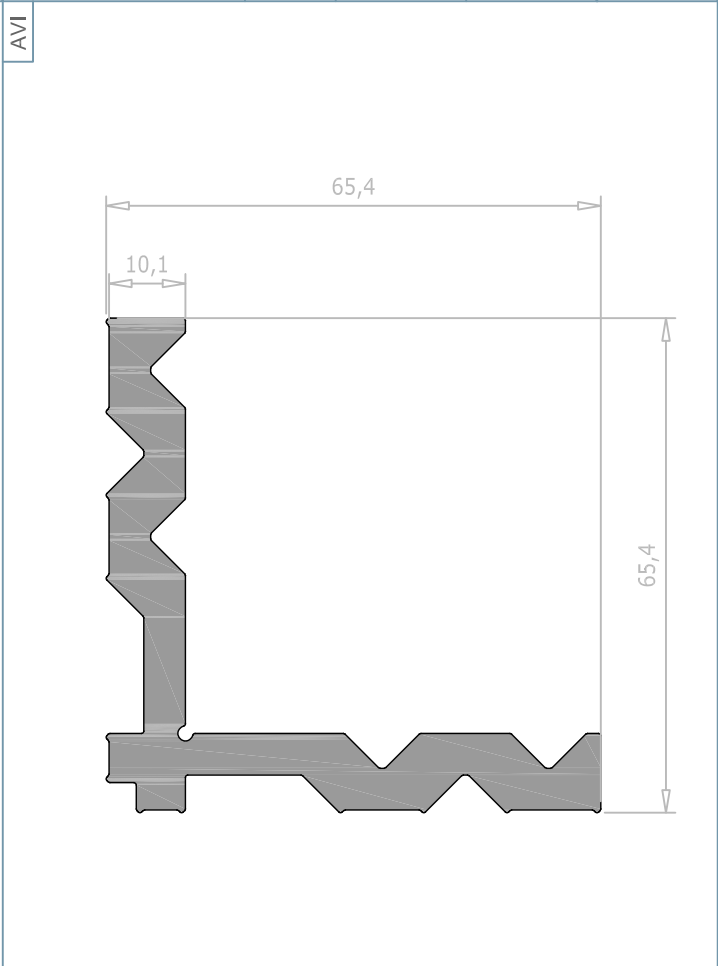
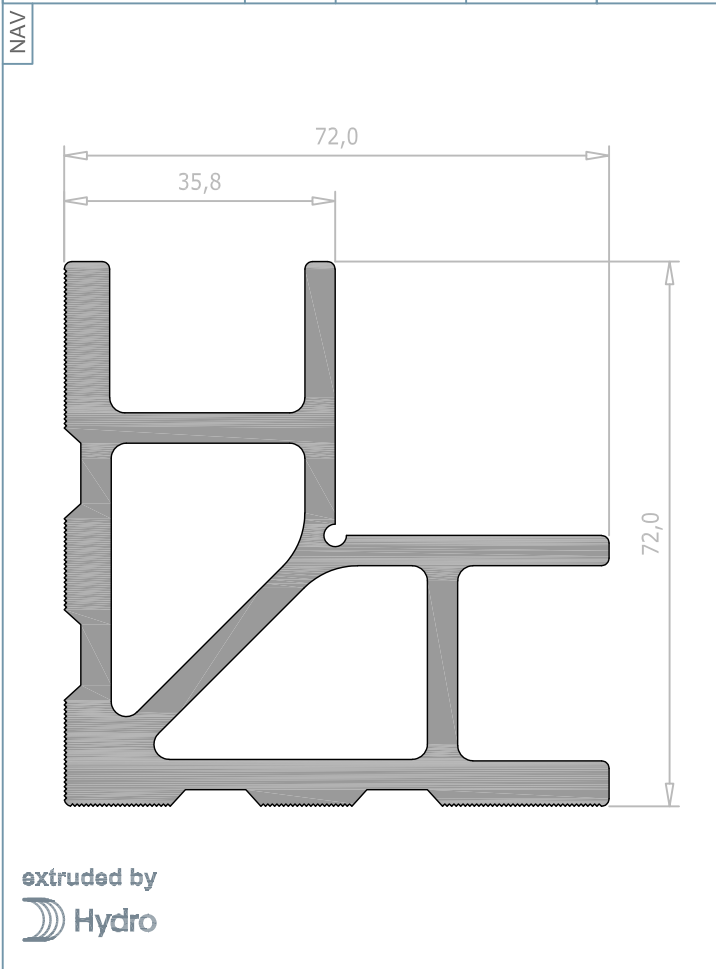
NAV

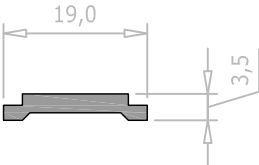
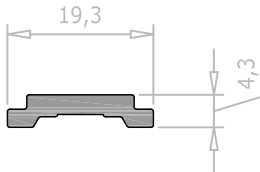
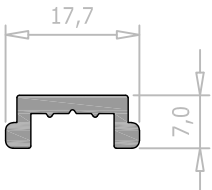
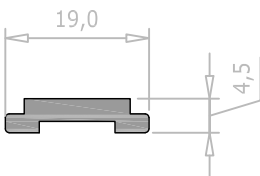
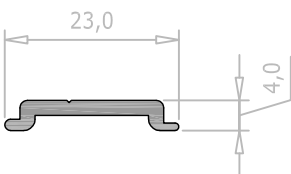
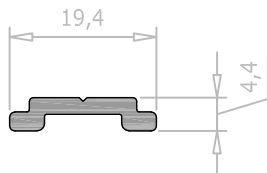
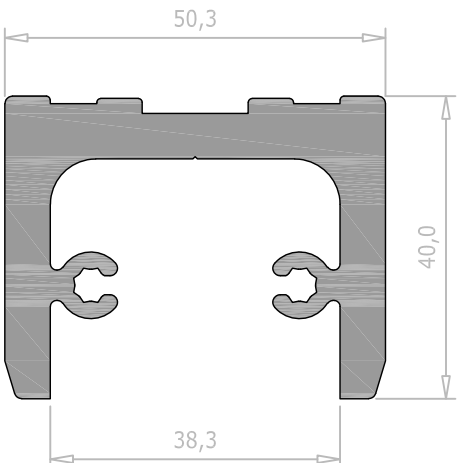
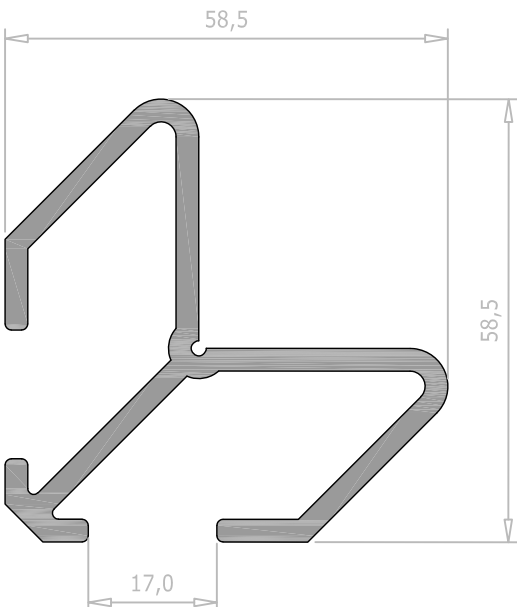


2002826	Espes.	Sup. Ext.	Sup. Total	Peso	BR-14	Espes.	Sup. Ext.	Sup. Total	Peso
Esquadro união 36 mm.	4,0 mm	46,6 dm ² /m	63,4 dm ² /m	3,944 Kg/m	Esquadro de reforço	- mm	30,1 dm ² /m	30,1 dm ² /m	2,394 Kg/m



E551643	Espes.	Sup. Ext.	Sup. Total	Peso
Esquadro de extrusão	4,0 mm	42,3 dm ² /m	64,1 dm ² /m	3,842 Kg/m

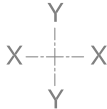
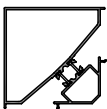
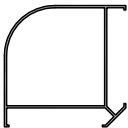
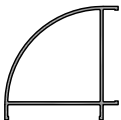
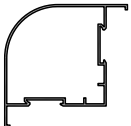
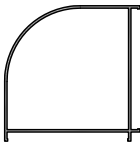
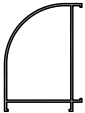


2046680					2058951				
Vara CE	Espes.	Sup. Ext.	Sup. Total	Peso	Vara CE	Espes.	Sup. Ext.	Sup. Total	Peso
- mm		4,5 dm ² /m	4,5 dm ² /m	0,124 Kg/m	- mm		4,8 dm ² /m	4,8 dm ² /m	0,149 Kg/m
NAV					NAV				
E700877					E900998				
Vara R	Espes.	Sup. Ext.	Sup. Total	Peso	Vara CE	Espes.	Sup. Ext.	Sup. Total	Peso
- mm		5,8 dm ² /m	5,8 dm ² /m	0,167 Kg/m	- mm		5,1 dm ² /m	5,1 dm ² /m	0,164 Kg/m
NAV					NAV				
M-1144					M-2011				
Vara	Espes.	Sup. Ext.	Sup. Total	Peso	Vara	Espes.	Sup. Ext.	Sup. Total	Peso
- mm		5,5 dm ² /m	5,5 dm ² /m	0,133 Kg/m	- mm		5,0 dm ² /m	5,0 dm ² /m	0,140 Kg/m
LAR					LAR				
2067966					M-2771				
Topo transversal	Espes.	Sup. Ext.	Sup. Total	Peso	Suplemento esquadro	Espes.	Sup. Ext.	Sup. Total	Peso
6,0 mm		30,7 dm ² /m	30,7 dm ² /m	2,275 Kg/m	3,0 mm		38,0 dm ² /m	38,0 dm ² /m	1,537 Kg/m
NAV					LAR				
extruded by 									

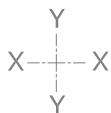
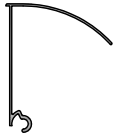
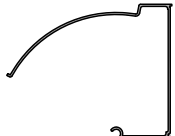
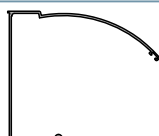
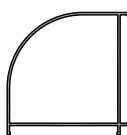
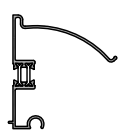
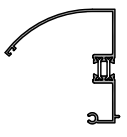
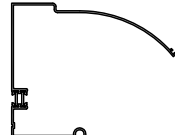
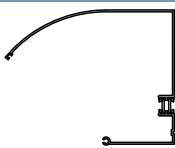
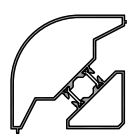
C. CANTOS

C.1.- LISTAGEM

Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
2059966		Canto 90°	0,667	17,8 32,7	Navarra
C-19311		Canto recto 90°	2,348	51,2 94,1	La Roca
E551060		Canto curvo 90°	1,809	44,5 73,9	Navarra
E551253		Canto recto	0,837	24,7 41,2	Navarra
E-351664		Canto 90°	1,372	31,2 52,9	La Roca
M-1048		Canto redondo 90°	1,202	28,0 34,5	La Roca
M-1887		Canto regulavel femea	0,640	28,0 28,0	La Roca
M-1888		Canto regulavel macho	0,628	26,5 26,5	La Roca
M-2093		Canto 90° 40 mm.	0,646	21,0 36,4	La Roca
M-2344		Canto 90°	1,440	36,4 66,0	La Roca
M-2351		Canto 90° 40-60 mm.	0,858	25,7 44,7	La Roca

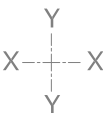
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
M-3867		Canto regulavel macho	0,732	37,5 37,5	La Roca
M-3868		Canto regulavel femea	0,736	36,0 36,0	La Roca
M-4331		Canto regulavel femea 120 mm.	1,998	73,8 73,8	La Roca
M-4332		Canto regulavel macho 120 mm.	1,883	70,4 70,4	La Roca
M-4898		Canto curvo 81 mm.	1,285	33,0 59,5	La Roca
M-4899		Canto 90° 45 mm.	0,816	22,9 40,0	La Roca
RT049		Canto regulavel femea 87 mm.	0,951	41,9 44,8	Navarra
RT050		Canto regulavel macho 87 mm.	0,949	42,3 45,2	Navarra
RT051		Canto regulavel macho 184 mm.	1,892	79,4 82,4	Navarra
RT052		Canto regulavel femea 184 mm.	1,870	78,9 81,8	Navarra
RT057		Canto 90° curvo	1,746	40,2 81,5	Navarra

Listagem

Perfil	Secção Y X—X Y	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
RT-2511		Canto regulavel femea 62 mm.	0,939	41,2 44,2	La Roca
RT-2512		Canto regulavel macho 62 mm.	0,888	38,7 41,7	La Roca
RT-9411		Canto regulavel macho 45 mm.	0,872	37,8 40,8	La Roca
RT-9412		Canto regulavel femea 45 mm.	0,926	40,4 43,4	La Roca
RT-9427		Canto 90°	1,894	47,8 88,3	La Roca
RT-9610		Canto regulavel macho 120 mm.	2,039	73,4 80,4	La Roca
RT-9611		Canto regulavel femea 120 mm.	2,130	77,6 85,3	La Roca
RT-9705		Canto regulavel femea	0,974	43,0 46,0	La Roca
RT-9706		Canto regulavel macho	0,973	42,7 45,7	La Roca
RT-9811		Canto regulavel macho 54,2 mm.	0,829	35,7 38,7	La Roca
RT-9812		Canto regulavel macho 54,2 mm.	0,884	38,2 41,2	La Roca

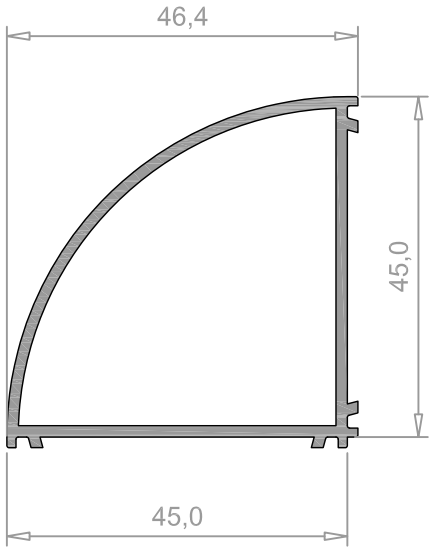
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fabrica
				Exterior (dm ² /m)	Total (dm ² /m)	
RT-70019		Canto 90° recto	1,502	34,5	66,7	Navarra

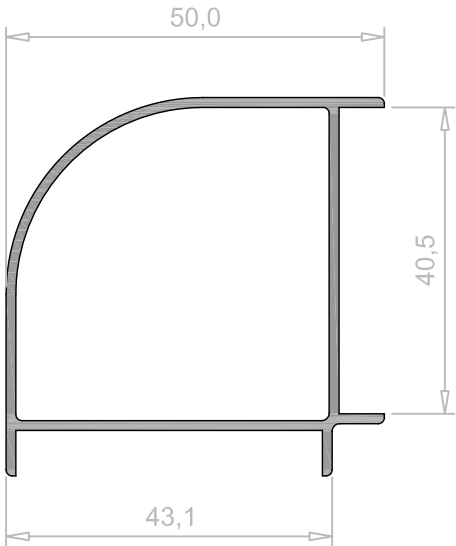
C.2.- PERFIS 1:1

2059966	Espes.	Sup. Ext.	Sup. Total	Peso	M-2093	Espes.	Sup. Ext.	Sup. Total	Peso
Canto 90°	1,5 mm	17,8 dm ² /m	32,7 dm ² /m	0,667 Kg/m	Canto 90° 40 mm.	1,3 mm	21,0 dm ² /m	36,4 dm ² /m	0,646 Kg/m

NAV

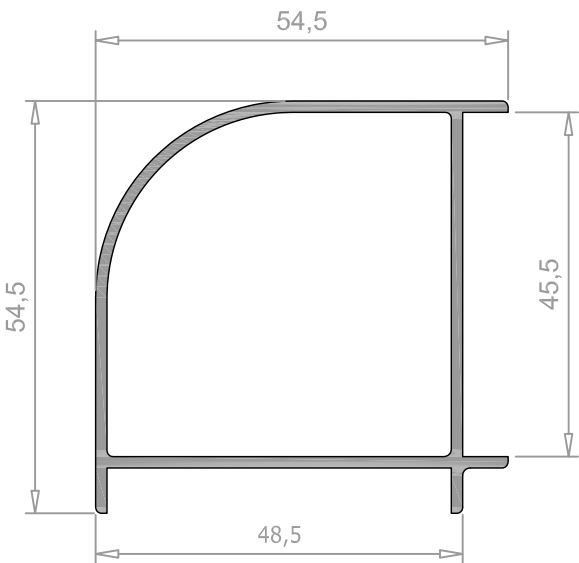


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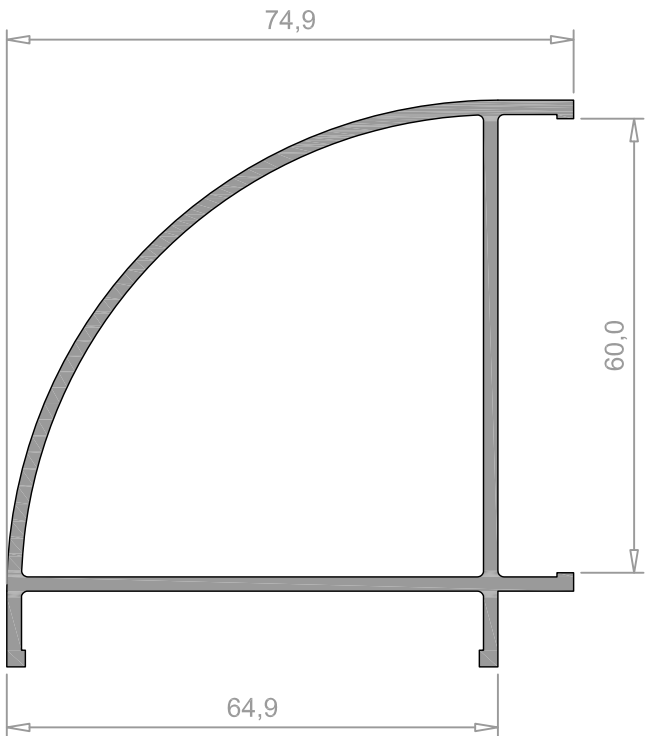


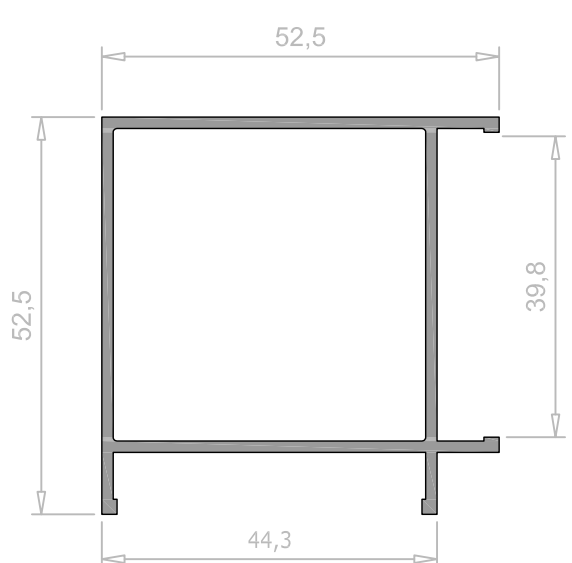
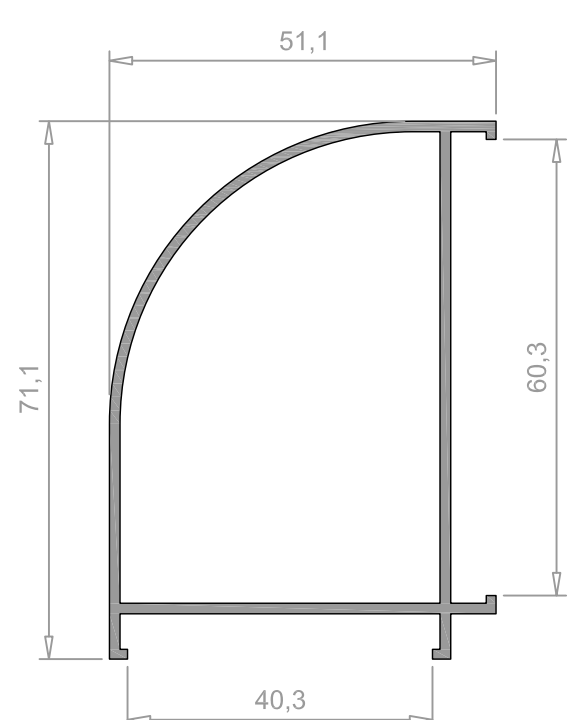
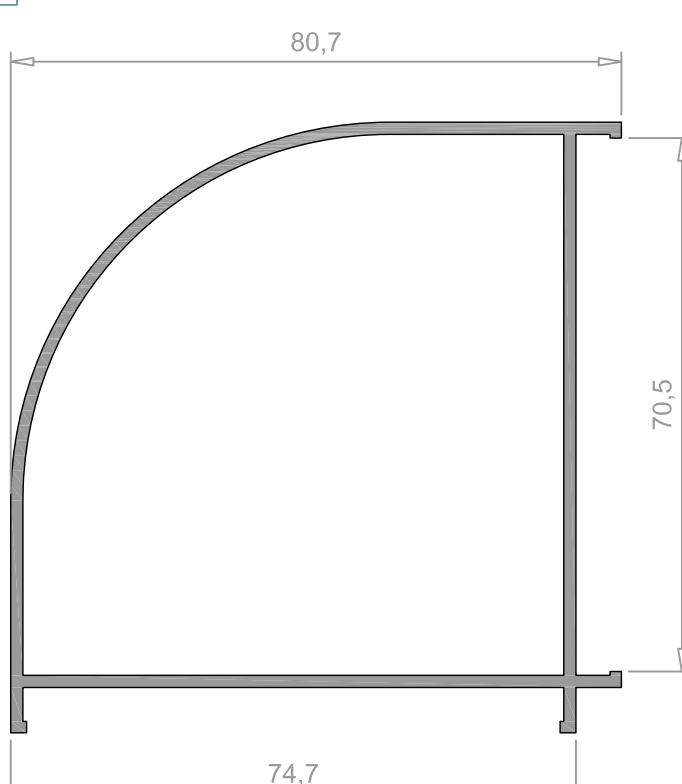
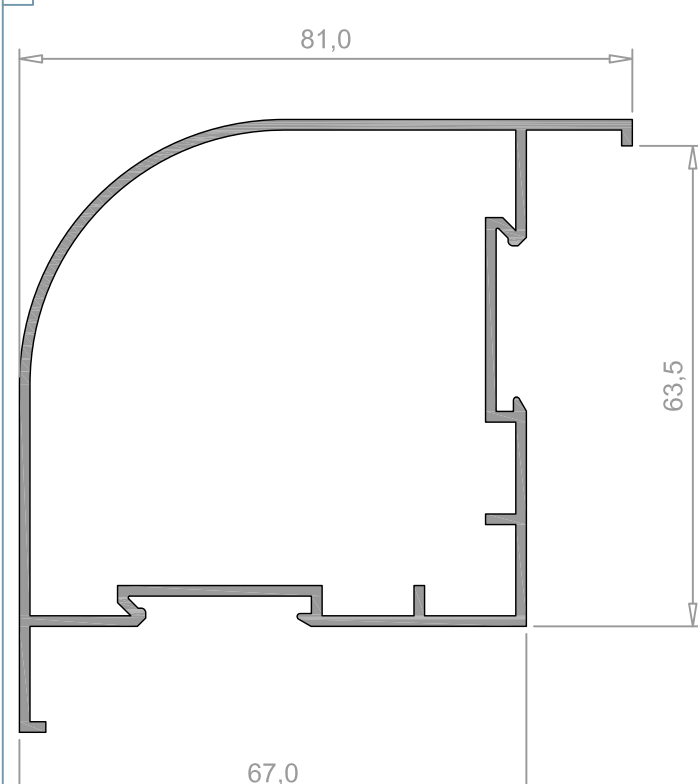
M-4899	Espes.	Sup. Ext.	Sup. Total	Peso	E-351664	Espes.	Sup. Ext.	Sup. Total	Peso
Canto 90° 45 mm.	1,5 mm	22,9 dm ² /m	40,0 dm ² /m	0,816 Kg/m	Canto 90°	1,9 mm	31,2 dm ² /m	52,9 dm ² /m	1,372 Kg/m

LAR



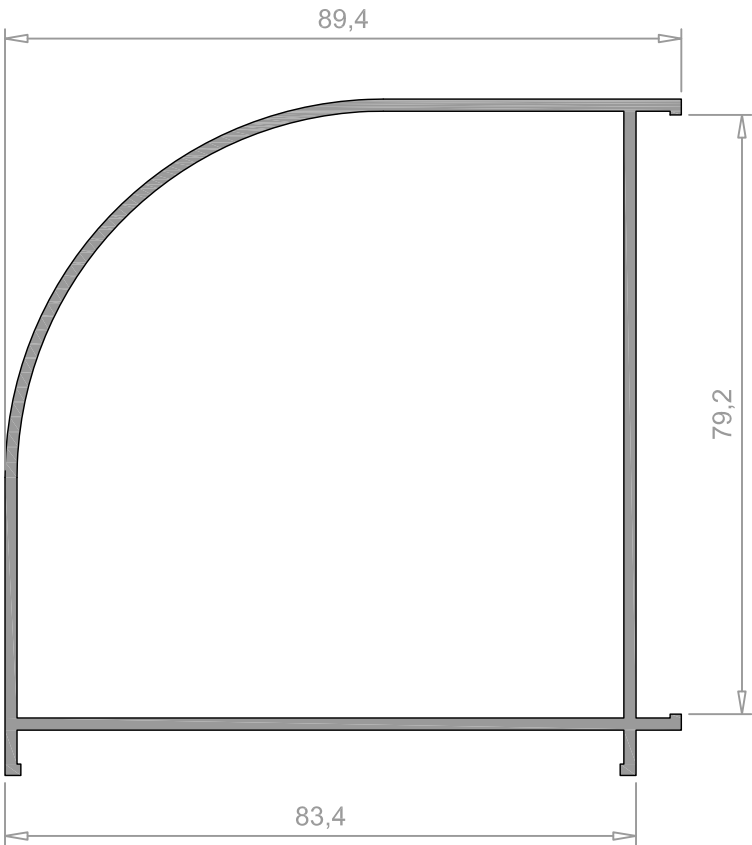
LAR



E551253					M-2351				
Canto recto	Espes.	Sup. Ext.	Sup. Total	Peso	Canto 90° 40-60 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,5 mm	24,7 dm ² /m	41,2 dm ² /m	0,837 Kg/m		1,4 mm	25,7 dm ² /m	44,7 dm ² /m	0,858 Kg/m
NAV					LAR				
M-4898					M-1048				
Canto curvo 81 mm.	Espes.	Sup. Ext.	Sup. Total	Peso	Canto redondo 90°	Espes.	Sup. Ext.	Sup. Total	Peso
	1,6 mm	33,0 dm ² /m	59,5 dm ² /m	1,285 Kg/m		1,4 mm	28,0 dm ² /m	34,5 dm ² /m	1,202 Kg/m
LAR					LAR				
extruded by									
									

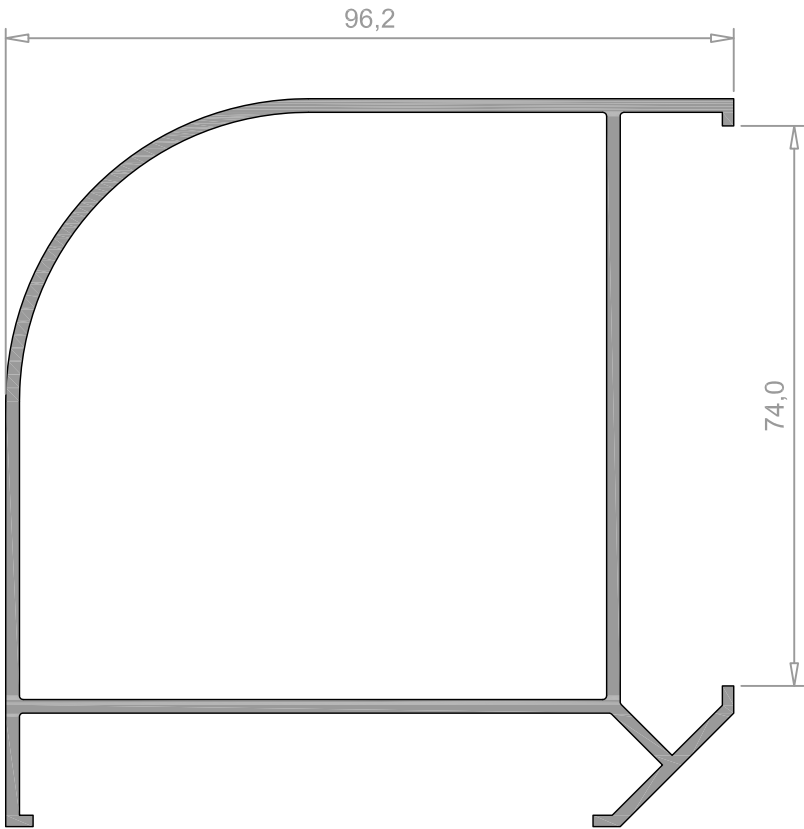
M-2344	Espes.	Sup. Ext.	Sup. Total	Peso
Canto 90°	1,6 mm	36,4 dm ² /m	66,0 dm ² /m	1,440 Kg/m

LAR



E551060	Espes.	Sup. Ext.	Sup. Total	Peso
Canto curvo 90°	1,8 mm	44,5 dm ² /m	73,9 dm ² /m	1,809 Kg/m

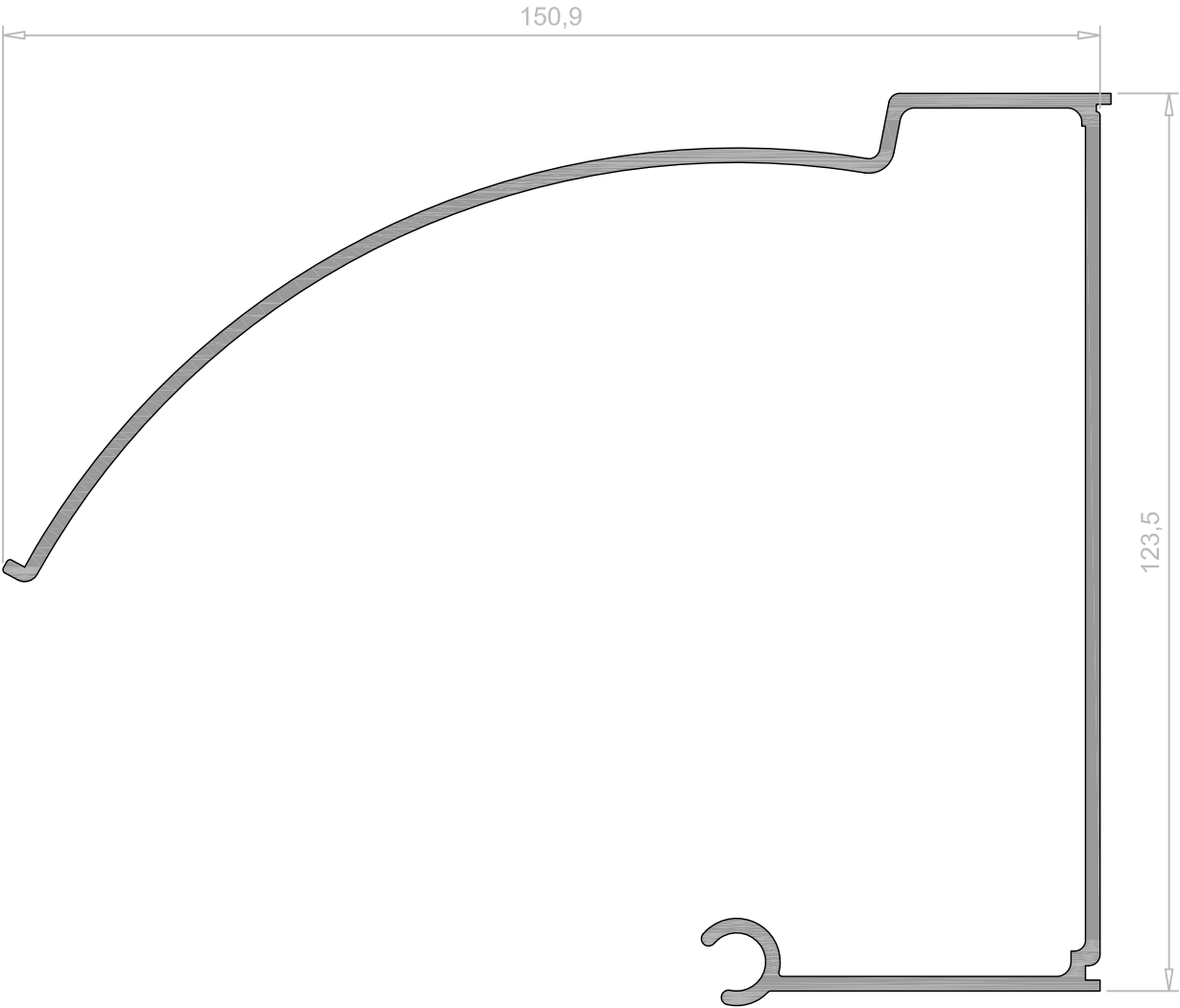
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M-1887 Canto reg. femea Espes.1,5 mm Sup. Ext.28,0 dm²/m Sup. Total28,0 dm²/m Peso0,640 Kg/m					M-1888 Canto reg. macho Espes.1,5 mm Sup. Ext.26,5 dm²/m Sup. Total26,5 dm²/m Peso0,628 Kg/m				
LAR					LAR				
M-3867 Canto regulavel ext. Espes.1,4 mm Sup. Ext.37,5 dm²/m Sup. Total37,5 dm²/m Peso0,732 Kg/m					M-3868 Canto regulavel int. Espes.1,4 mm Sup. Ext.36,0 dm²/m Sup. Total36,0 dm²/m Peso0,736 Kg/m				
LAR					LAR				
extruded by									

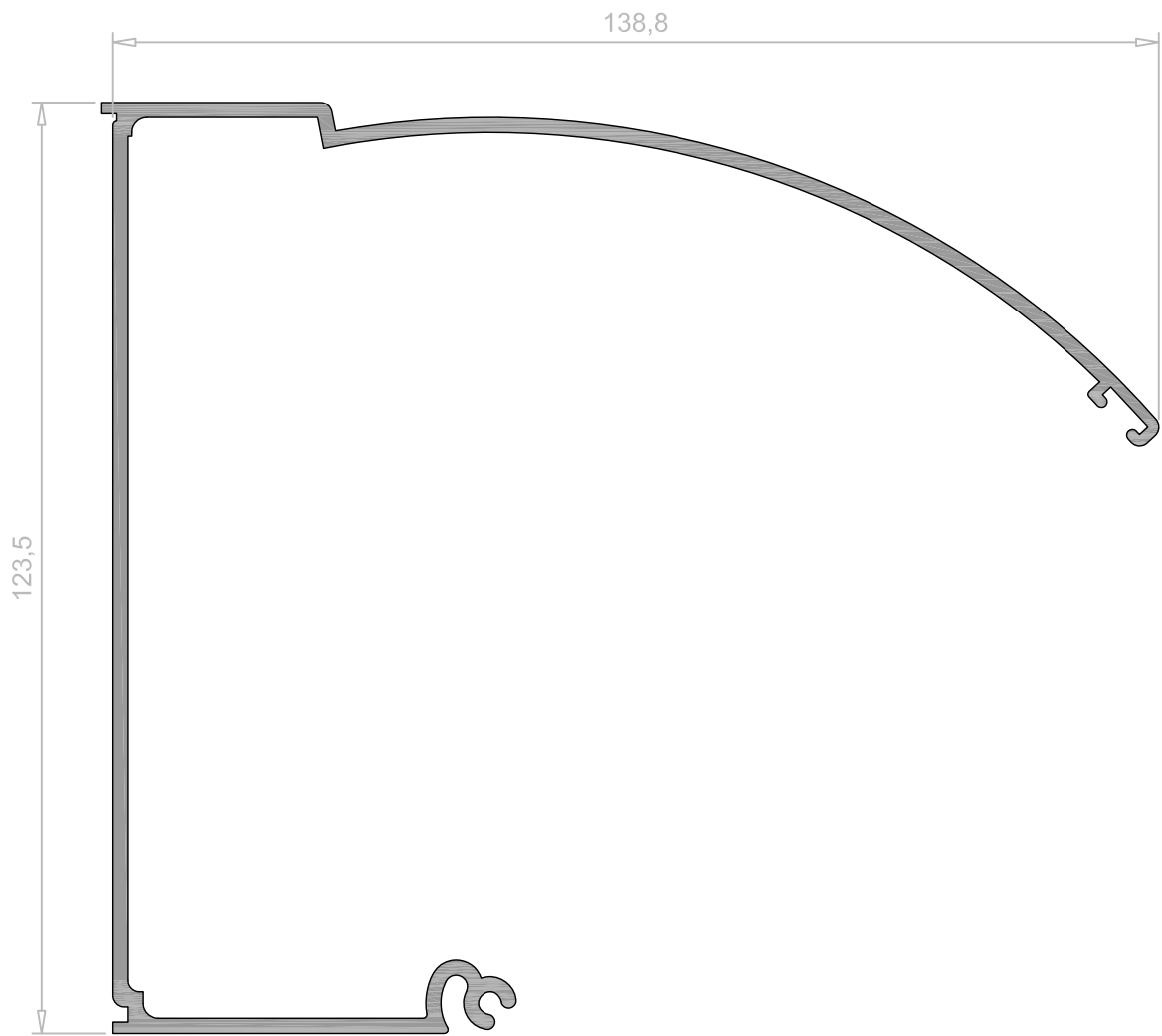
M-4331	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. femea 120mm.	2,0 mm	73,8 dm ² /m	73,8 dm ² /m	1,998 Kg/m

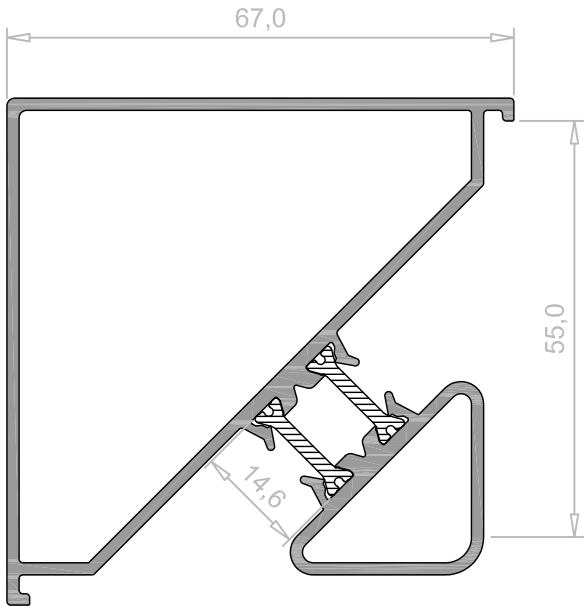
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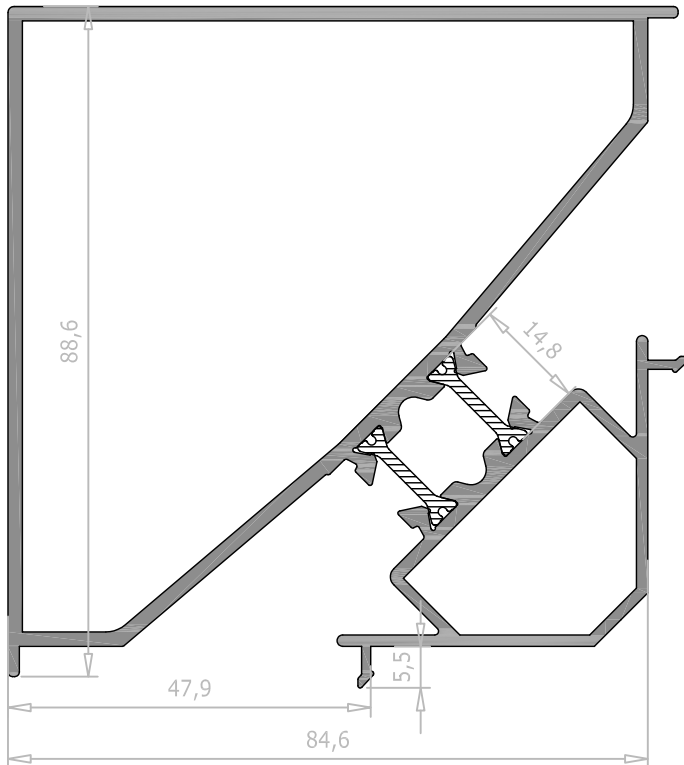


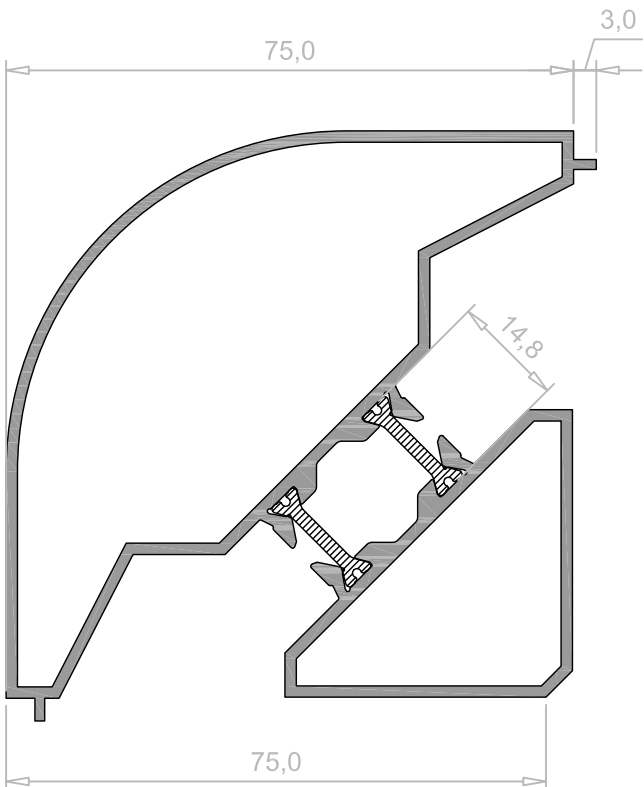
M-4332	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. macho 120mm.	2,0 mm	70,4 dm ² /m	70,4 dm ² /m	1,883 Kg/m

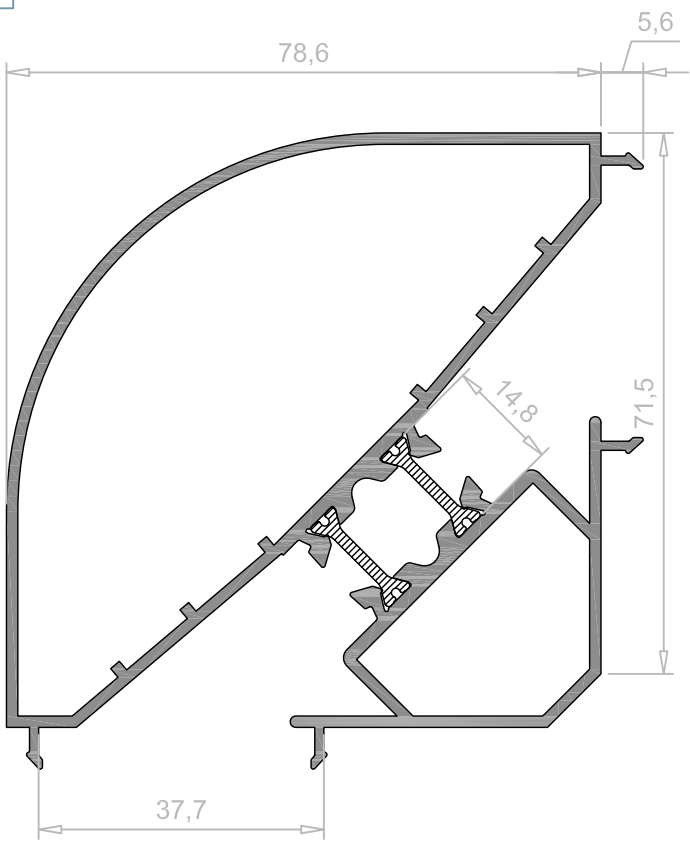
LAR



RT-70019					Espes.	Sup. Ext.	Sup. Total	Peso	
Canto 90° recto					1,5 mm	34,5 dm ² /m	66,7 dm ² /m	1,502 Kg/m	
NAV									
									

C-19311					Espes.	Sup. Ext.	Sup. Total	Peso	
Canto 90° recto					1,9 mm	51,2 dm ² /m	94,1 dm ² /m	2,348 Kg/m	
LAR									
									

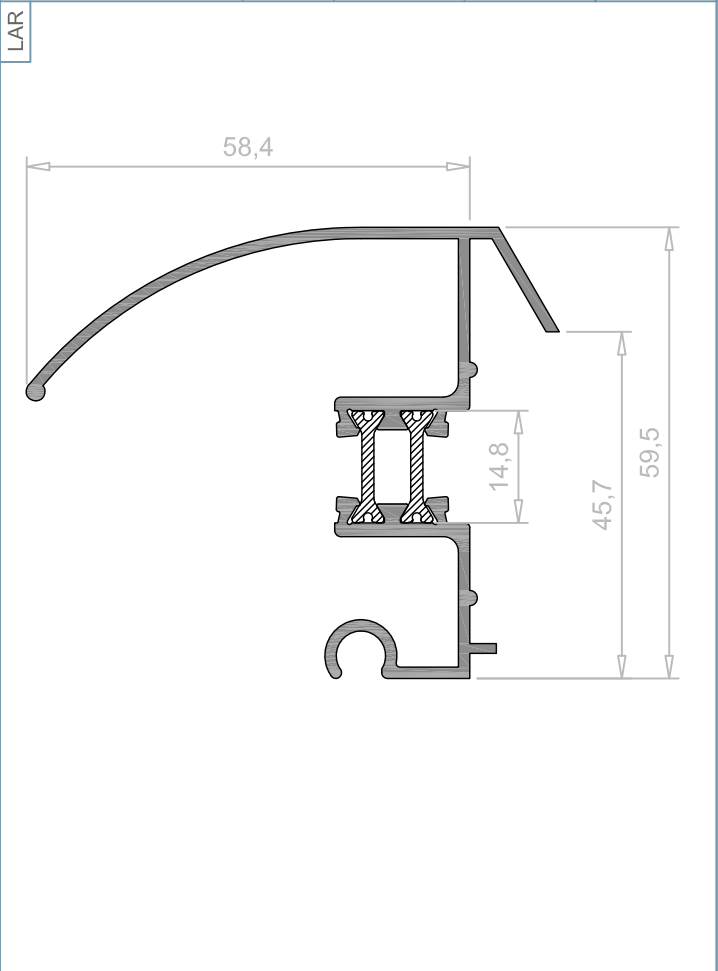
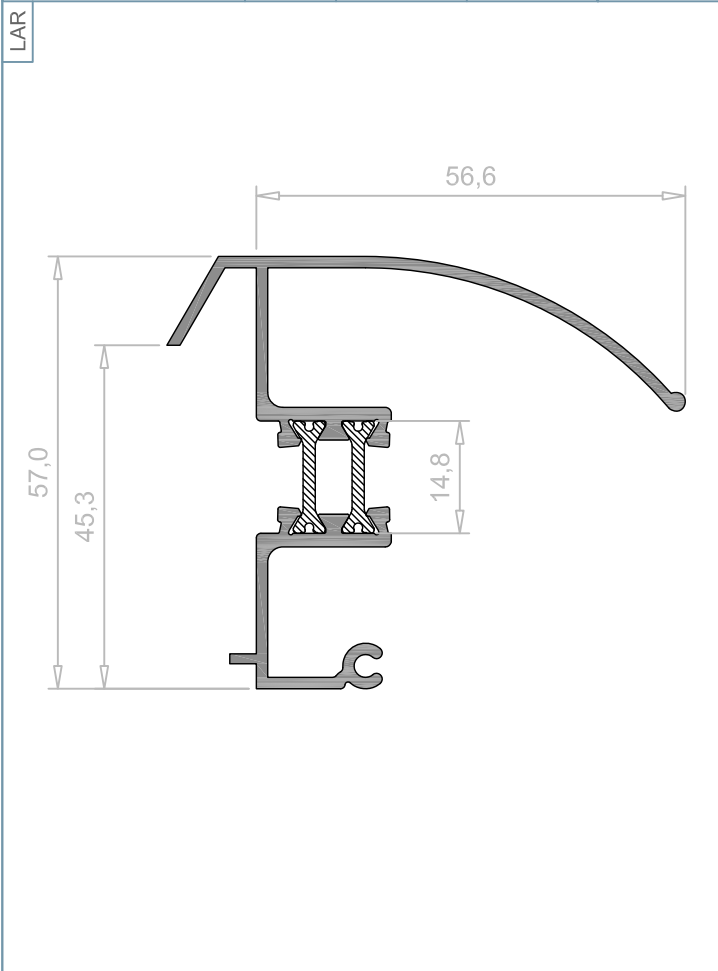
RT057					Espes.	Sup. Ext.	Sup. Total	Peso	
Canto 90° curvo					1,5 mm	40,2 dm ² /m	81,5 dm ² /m	1,746 Kg/m	
NAV									
									

RT-9427					Espes.	Sup. Ext.	Sup. Total	Peso	
Canto 90°					1,5 mm	47,8 dm ² /m	88,3 dm ² /m	1,894 Kg/m	
LAR									
									

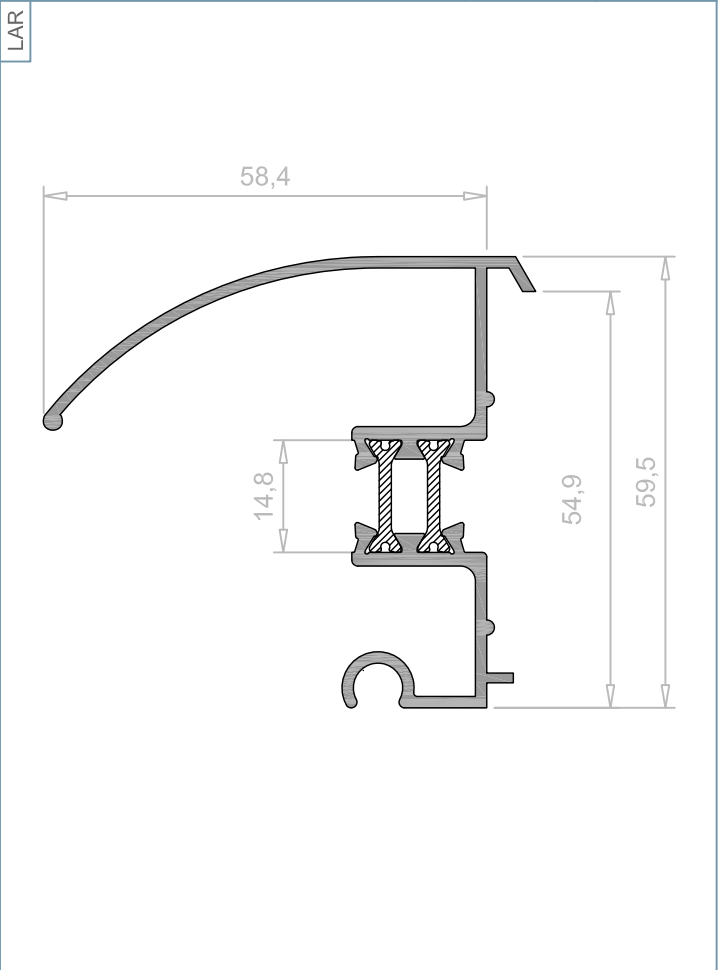
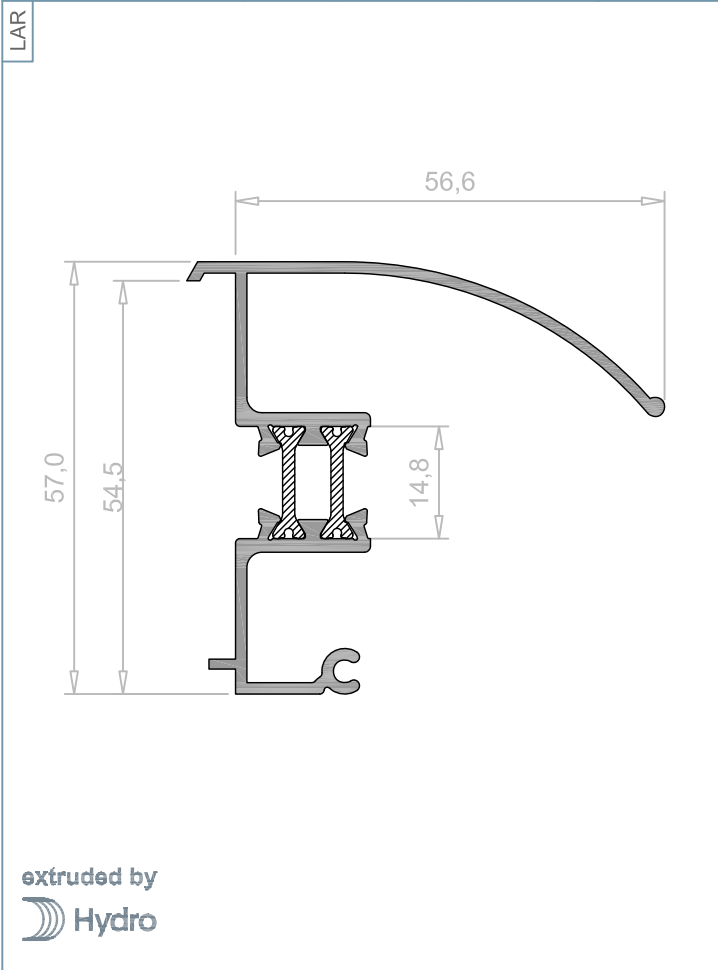
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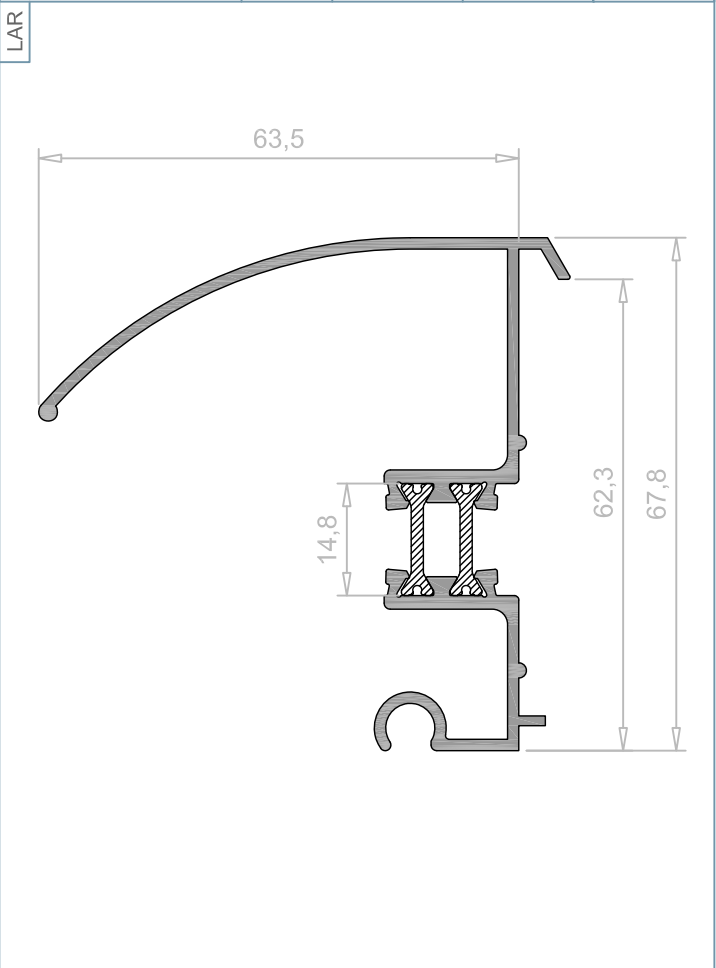
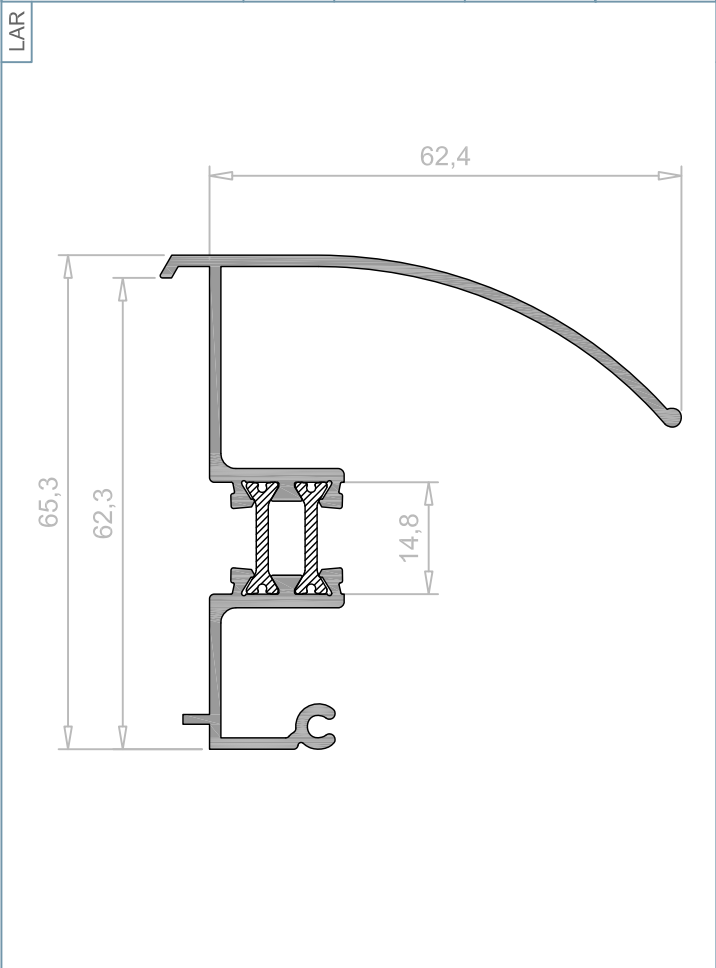
RT-9411	Espes.	Sup. Ext.	Sup. Total	Peso	RT-9412	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. macho 45 mm.	1,5 mm	37,8 dm ² /m	40,8 dm ² /m	0,872 Kg/m	Canto reg. fema 45 mm.	1,5 mm	40,4 dm ² /m	43,4 dm ² /m	0,926 Kg/m



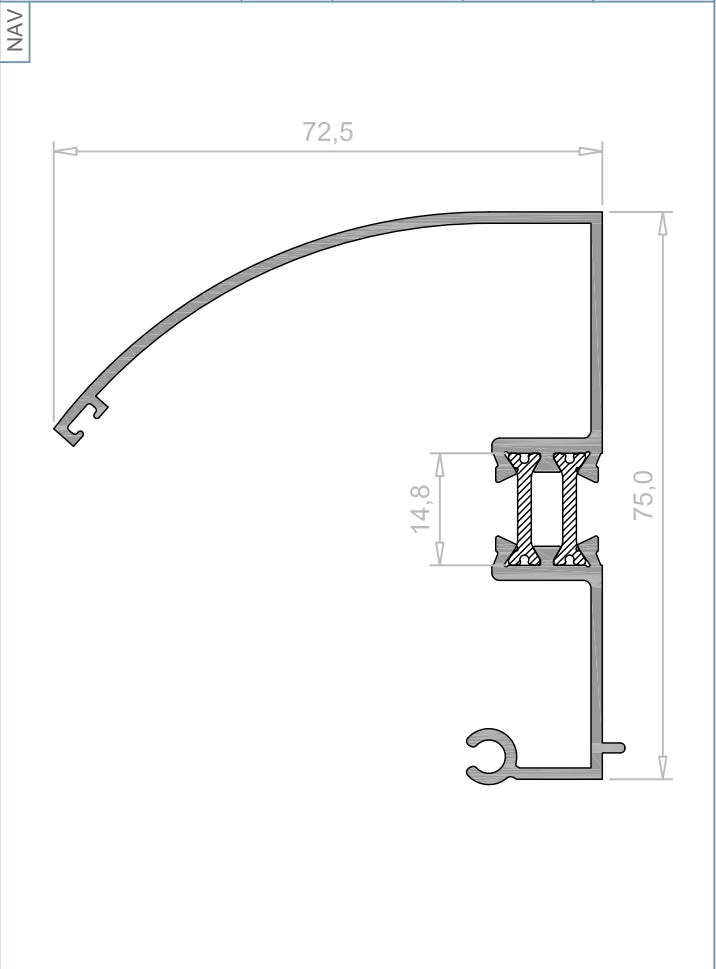
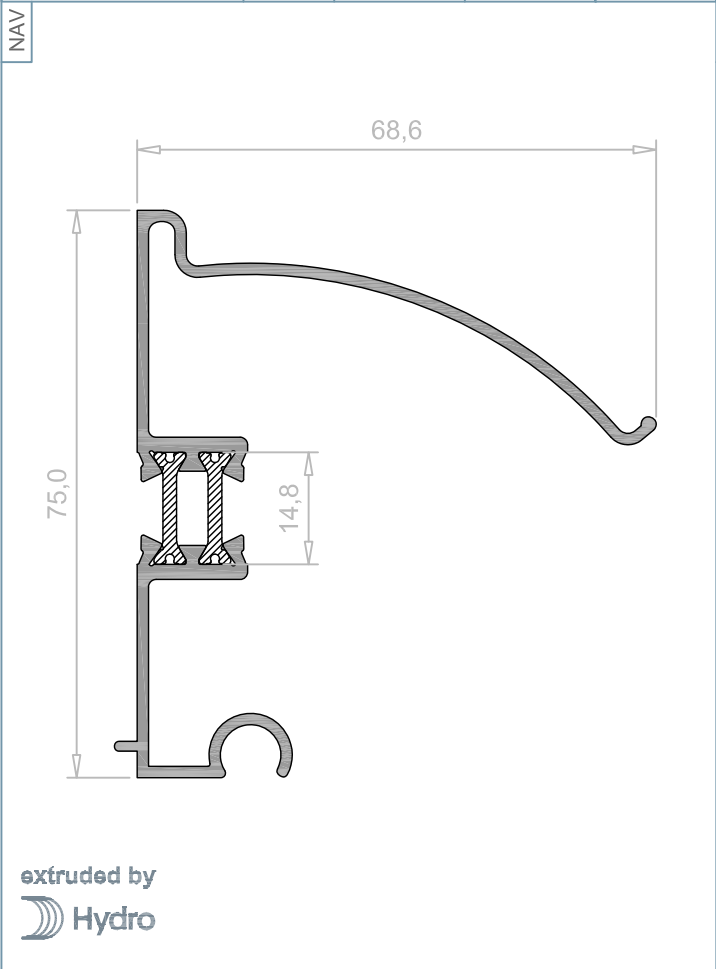
RT-9811	Espes.	Sup. Ext.	Sup. Total	Peso	RT-9812	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. macho 54,2mm	1,5 mm	35,7 dm ² /m	38,7 dm ² /m	0,829 Kg/m	Canto reg. fema 54,2mm	1,5 mm	38,2 dm ² /m	41,2 dm ² /m	0,884 Kg/m



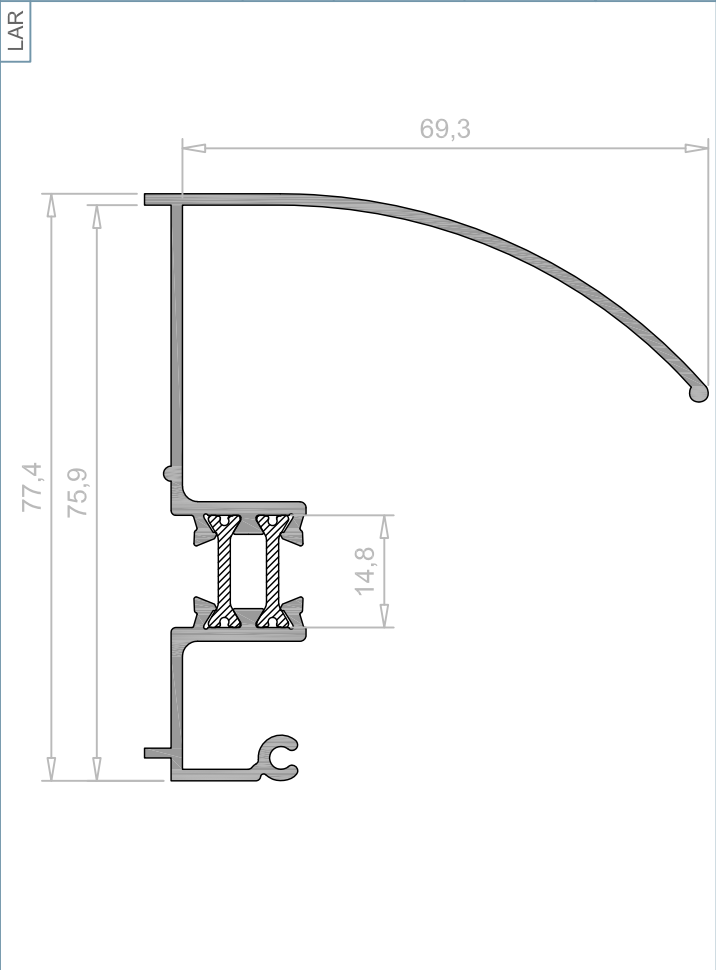
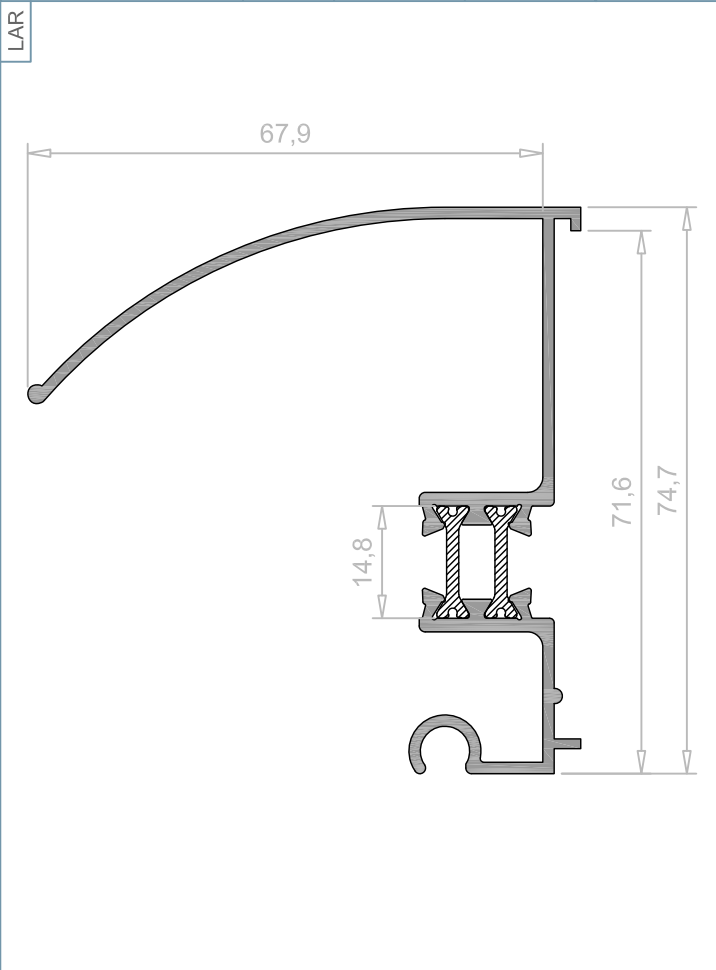
RT-2512	Espes.	Sup. Ext.	Sup. Total	Peso	RT-2511	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. macho 62 mm	1,5 mm	38,7 dm ² /m	41,7 dm ² /m	0,888 Kg/m	Canto reg. femea 62 mm	1,5 mm	41,2 dm ² /m	44,2 dm ² /m	0,939 Kg/m



RT049	Espes.	Sup. Ext.	Sup. Total	Peso	RT050	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. 87 mm. int.	1,5 mm	41,9 dm ² /m	44,8 dm ² /m	0,951 Kg/m	Canto reg. 87 mm. ext.	1,5 mm	42,3 dm ² /m	45,2 dm ² /m	0,949 Kg/m

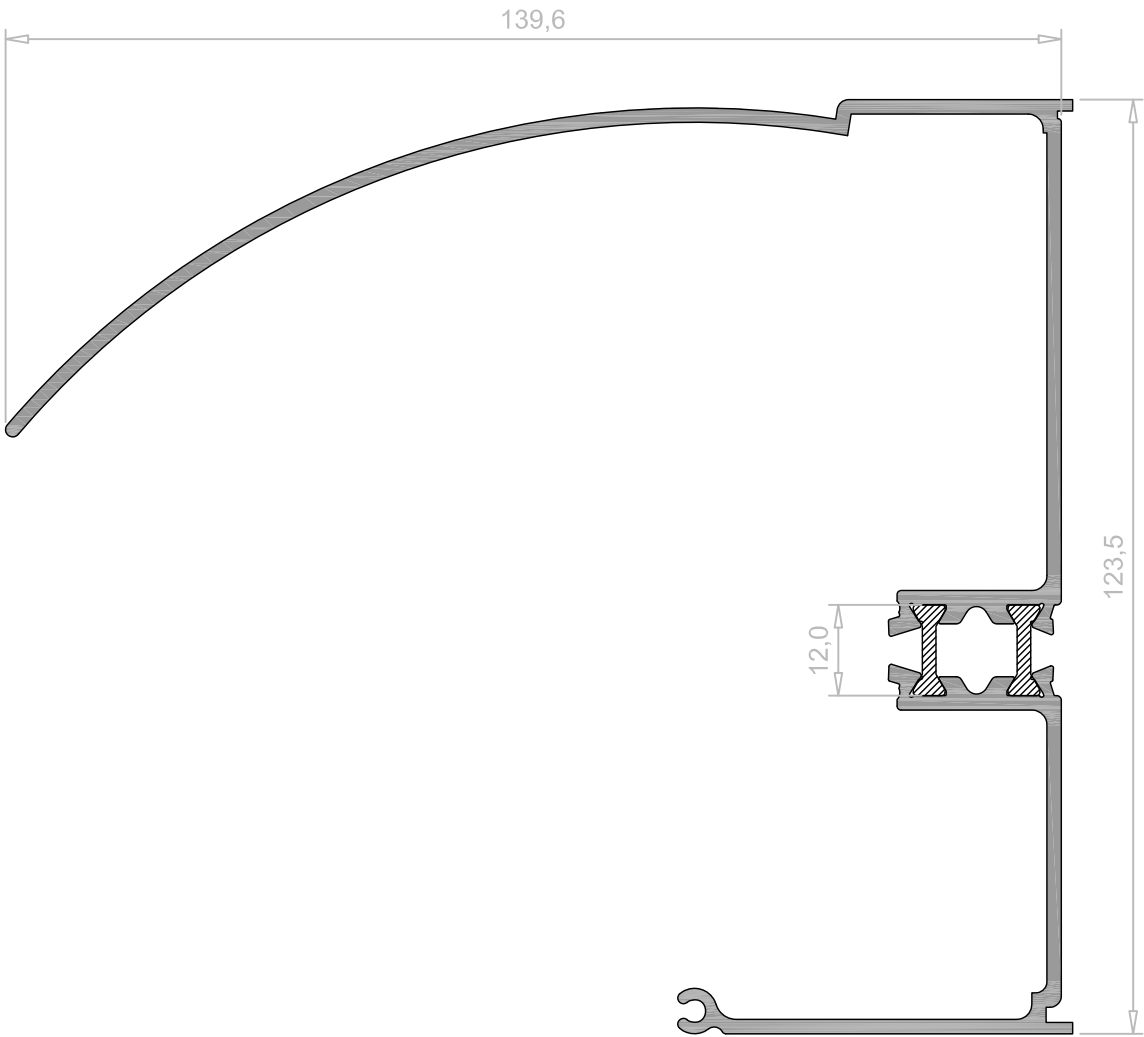


RT-9705	Espes.	Sup. Ext.	Sup. Total	Peso	RT-9706	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. fema	1,5 mm	43,0 dm ² /m	46,0 dm ² /m	0,974 Kg/m	Canto reg. macho	1,5 mm	42,7 dm ² /m	45,7 dm ² /m	0,973 Kg/m



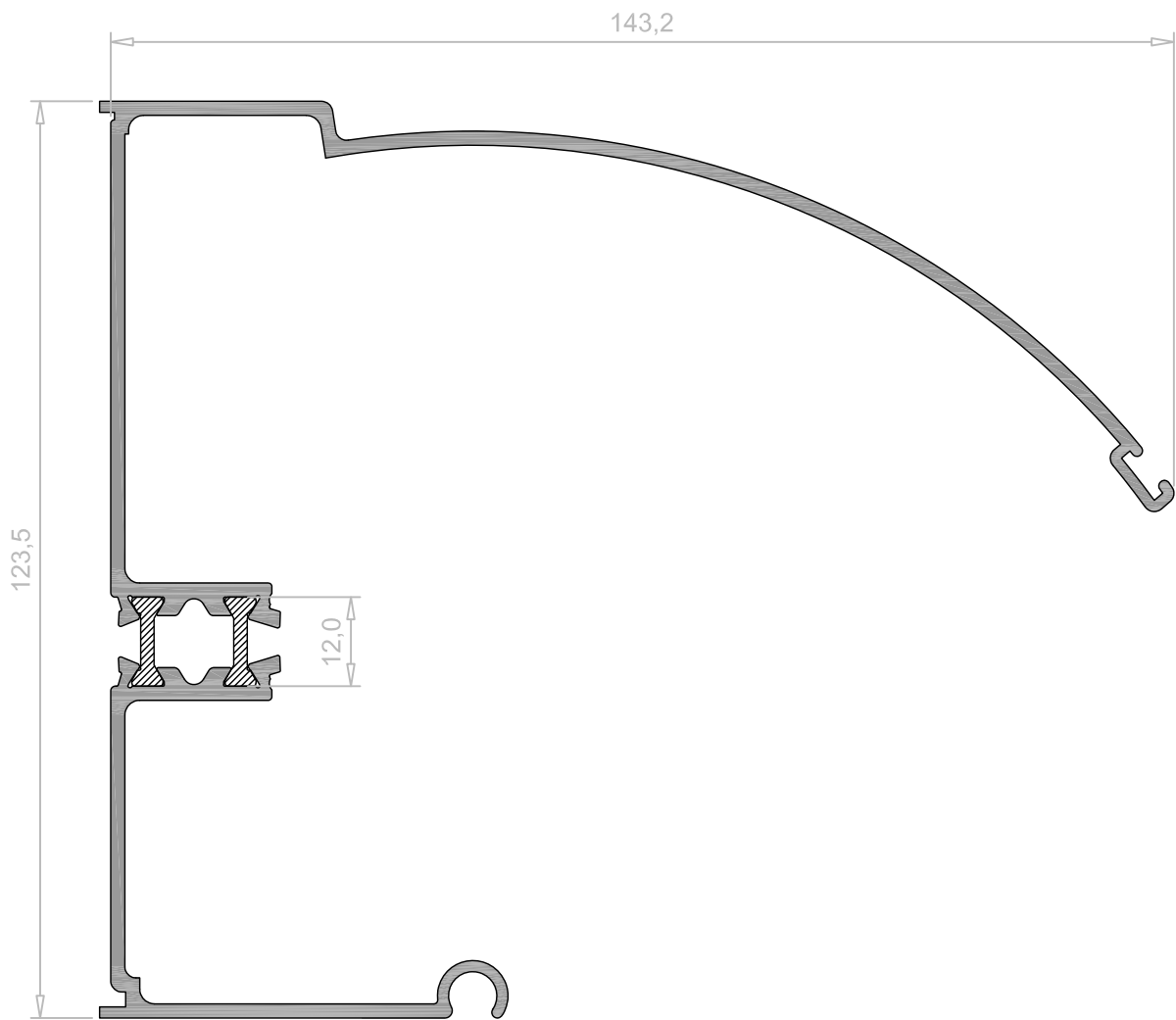
RT-9610	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. macho 120 mm	1,9 mm	73,4 dm ² /m	80,4 dm ² /m	2,039 Kg/m

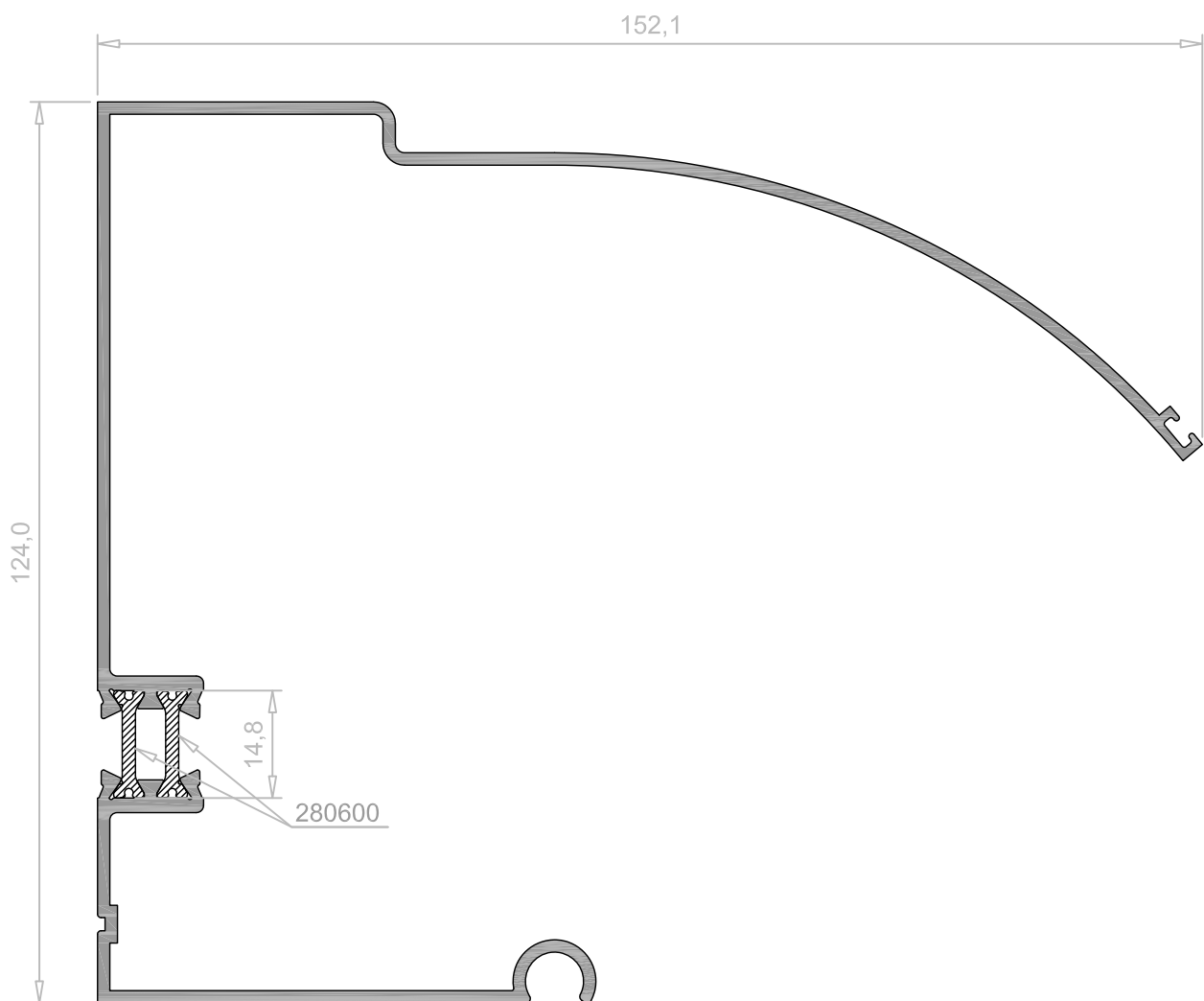
LAR



RT-9611	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. femea 120 mm	1,9 mm	77,6 dm ² /m	85,3 dm ² /m	2,130 Kg/m

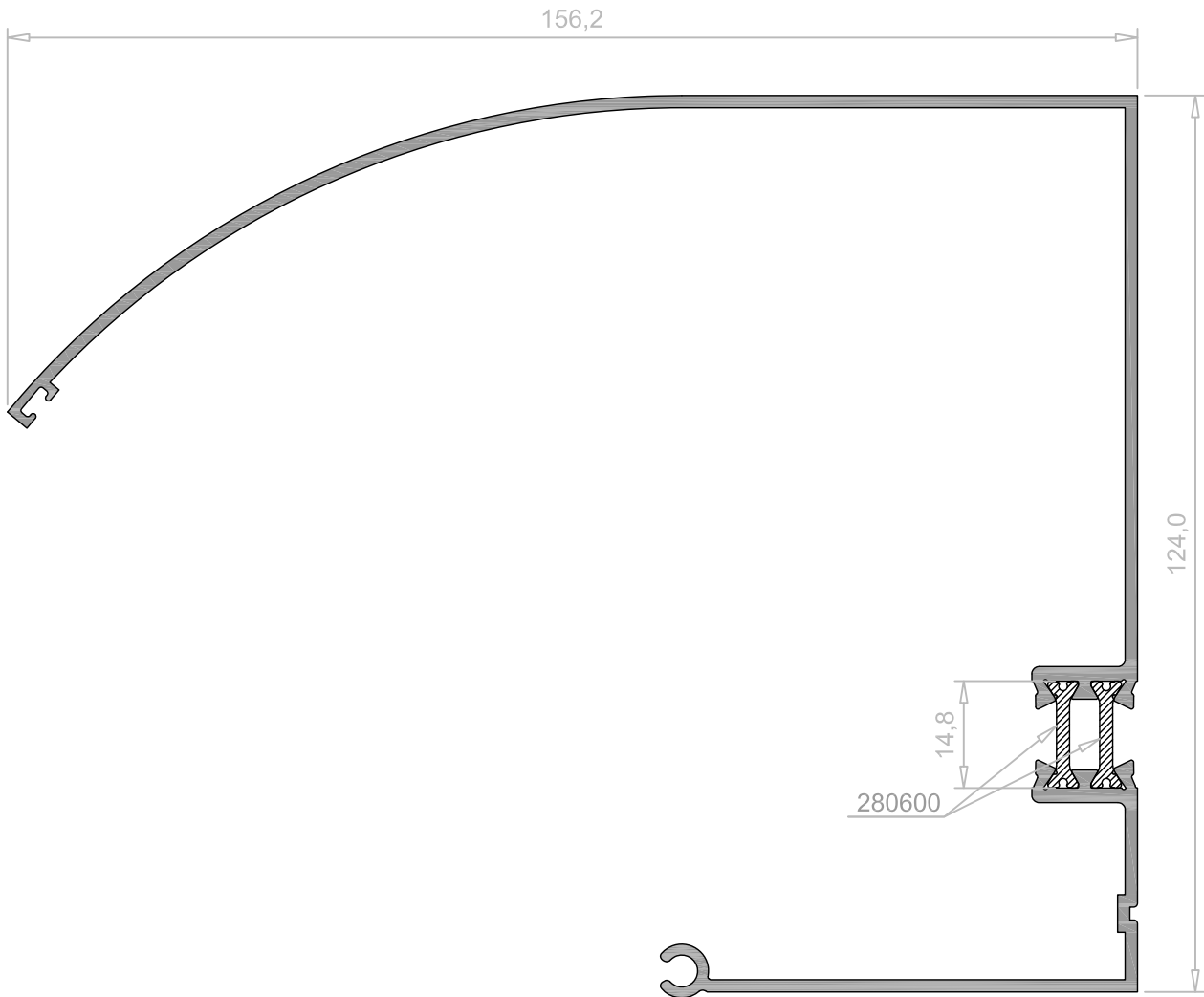
LAR



NAV

RT052	Espes.	Sup. Ext.	Sup. Total	Peso
Canto reg. 184 mm. ext.	1,5 mm	78,9 dm ² /m	81,8 dm ² /m	1,870 Kg/m

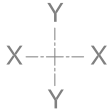
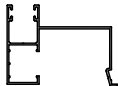
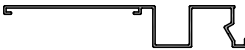
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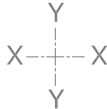
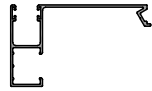
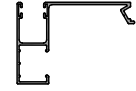
D. GUIAS DE PERSIANA

D.1.- LISTAGEM

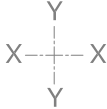
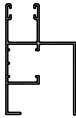
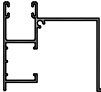
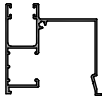
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
2060869		Guia de persiana 58	0,715	34,7 34,7	Navarra
2061034		Guia de persiana 114,5	0,840	41,9 41,9	Navarra
2063517		Guia de persiana 125,2	1,008	46,8 56,2	Navarra
2078975		Tampa guia de persiana	0,348	16,4 16,4	Navarra
2093988		Guia de persiana 49	0,662	38,0 38,0	La Selva
5005757		Guia de persiana 69	0,794	47,5 47,5	Navarra
C-18967		Guia de persiana 160	1,649	75,4 80,2	La Roca
E010220		Guia de persiana 54,4	0,356	22,3 22,3	Navarra
E010711		Guia de persiana 80,4	0,524	32,3 32,3	Navarra
E010736		Guia de persiana 120	0,991	60,9 60,9	Navarra
E010958		Guia de persiana 128,5	0,737	41,8 41,8	Navarra

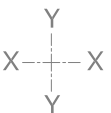
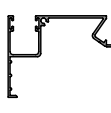
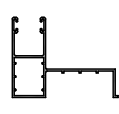
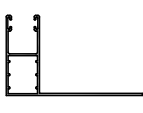
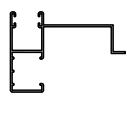
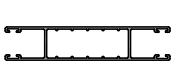
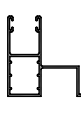
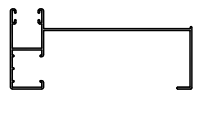
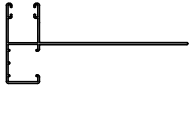
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
E011231		Guia de persiana 92,8	0,910	46,8 46,8	Navarra
E011373		Guia de persiana 77,8	0,848	43,8 43,8	Navarra
E553868		Guia de persiana 120	0,948	43,1 53,0	Navarra
E553869		Guia de persiana 120	0,948	43,1 53,0	Navarra
E553871		Guia de persiana 22	0,994	43,2 60,4	Navarra
E553885		Guia de persiana 120	1,183	54,5 64,4	Navarra
E554777		Guia de persiana 21	0,918	41,3 56,7	Navarra
E556649		Guia de persiana 22	0,464	23,0 33,6	Navarra
E556651		Guia de persiana 120	0,969	42,9 53,1	Navarra
E900976		Guia de persiana 30,8	0,213	18,4 18,4	Navarra
E-5176		Guia de persiana 120	1,069	43,3 53,4	La Roca

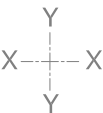
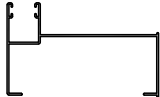
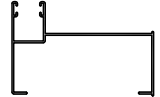
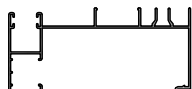
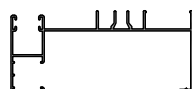
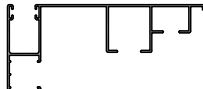
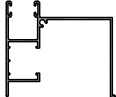
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm²/m) Total (dm²/m)	Fabrica
E-6072		Guia de persiana 120	0,948	43,6 53,5	La Roca
E-6073		Guia de persiana 120	0,948	43,6 53,5	La Roca
E-6248		Guia de persiana 109	1,053	43,3 59,9	La Roca
E-13443		Guia de persiana 48	0,861	49,8 49,8	La Roca
E-15059		Guia de persiana 64,8	0,870	49,2 49,2	La Roca
E-15288		Guia de persiana 25,1	0,537	27,2 37,7	La Roca
E-16382		Guia de persiana 30	0,359	24,7 24,7	La Roca
E-17167		Guia de persiana 60	0,907	50,4 50,4	La Roca
E-17421		Suplemento 15 mm. em E-15288	0,219	14,7 14,7	La Roca
E117422		Suplemento 20 mm. em E-15288	0,248	16,7 16,7	Navarra
E-18248		Guia de persiana 37	0,815	46,6 46,6	La Roca

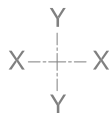
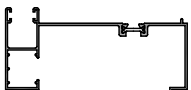
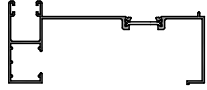
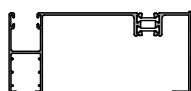
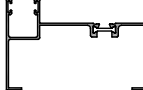
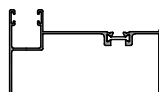
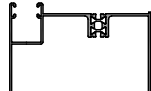
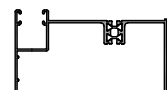
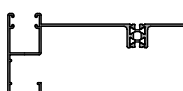
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
E-18257		Guia de persiana 70	0,759	40,1 40,1	La Roca
M-1421		Guia de persiana 30	0,263	18,1 18,1	La Roca
M-2029		Guia de persiana 70	0,810	36,6 46,6	La Roca
M-2054		Guia de persiana 90	0,843	36,4 46,0	La Roca
M-2100		Guia de persiana 76	0,744	44,2 44,2	La Roca
E332509		Guia de persiana 109	1,051	42,0 58,0	Navarra
M-2584		Guia de persiana 140	1,175	62,3 62,3	La Roca
M-3406		Guia de persiana 48,4	0,731	31,8 41,5	La Roca
M-3739		Guia de persiana 120	1,002	59,0 59,0	La Roca
M-3740		Guia de persiana 120	0,863	49,5 49,5	La Roca
M-3750		Guia de persiana 120	1,006	59,3 59,3	La Roca

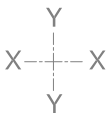
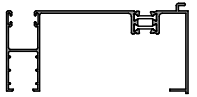
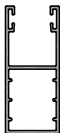
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
M-3751		Guia de persiana 100	0,870	51,8 51,8	La Roca
E333752		Guia de persiana 93,5	0,850	50,5 50,5	Navarra
M-3964		Guia de persiana 120	0,989	58,6 58,6	La Roca
M-3990		Guia de persiana 120	1,027	60,0 60,0	La Roca
M-4245		Guia de persiana 120	1,247	71,0 71,0	La Roca
M-4246		Guia de persiana 120	1,247	71,0 71,0	La Roca
M-4384		Guia de persiana 105	0,858	49,6 49,6	La Roca
M-4867		Guia de persiana 46,4	0,747	32,8 43,0	La Roca
M-4871		Guia de persiana 22	0,511	23,1 33,0	La Roca
M-5005		Guia de persiana 135	1,295	75,4 75,4	La Roca
M-5415		Guia de persiana 72.	0,930	52,5 52,5	La Roca

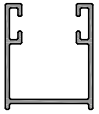
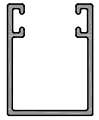
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fabrica
RT030		Guia de persiana 120	1,230	64,3 64,3	Navarra
RT042		Guia de persiana 147	1,381	71,1 71,1	La Roca
RT444		Guia de persiana 156	1,381	73,0 73,0	LAR
RT449		Guia de persiana 129,2	1,230	66,2 66,2	Navarra
RT-9413		Guia de persiana 120	1,358	66,0 75,2	La Roca
RT-9428		Guia de persiana 150	1,507	72,0 78,7	La Roca
RT-9432		Guia de persiana 93	1,033	52,0 52,0	La Roca
RT-9434		Guia de persiana 100	1,059	53,0 53,0	La Roca
RT-9439		Guia de persiana 93	1,202	57,0 62,0	La Roca
RT-9440		Guia de persiana 100	1,234	59,0 64,0	La Roca
RT-9441		Guia de persiana 120	1,410	69,0 73,4	La Roca

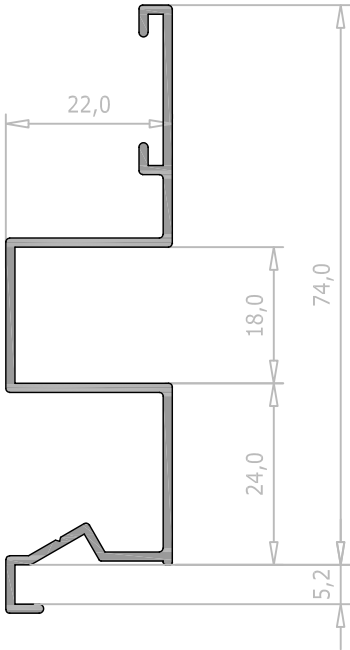
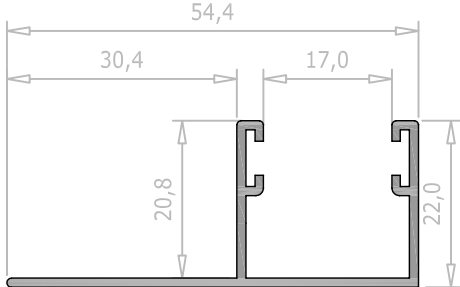
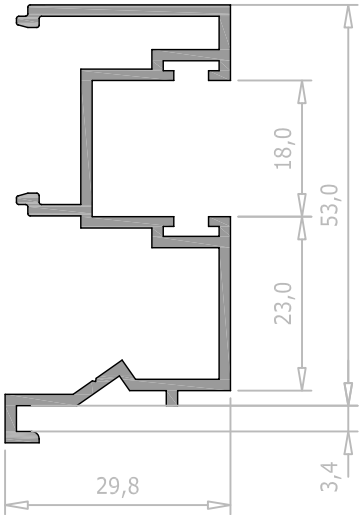
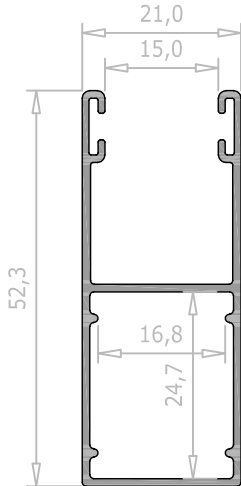
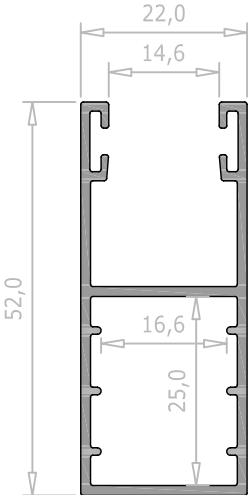
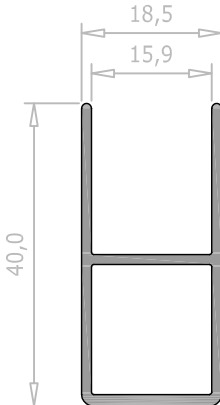
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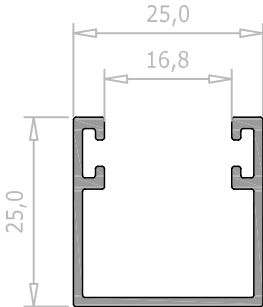
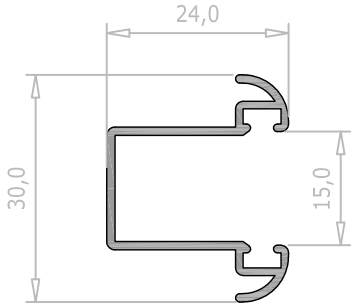
Perfil	Secção 	Descrição	Peso Kg./m	Superfície	Fabrica
				Exterior (dm ² /m) Total (dm ² /m)	
RT-9442		Guia de persiana 145	1,512	74,0 78,4	La Roca
RT-9443		Perfil de união 96,2	0,544	28,5 28,5	La Roca
RT-9444		Perfil de união 103	0,550	29,7 29,7	La Roca
RT-9445		Guia de persiana 123,1	0,631	33,7 33,7	La Roca
RT-9446		Guia de persiana 148,2	0,712	39,6 39,6	La Roca
RT-9463		Guia de persiana 120	1,390	68,0 74,3	La Roca
RT-9464		Guia de persiana 150	1,539	74,0 80,3	La Roca
RT-9468		Guia de persiana 120	1,339	66,0 71,6	La Roca
RT-9469		Guia de persiana 120	1,371	68,0 73,2	La Roca
RT-9609		Guia de persiana 123,5	0,980	54,7 54,7	La Roca
Y-110		Guia de persiana 22.	0,571	23,0 33,1	Avintes

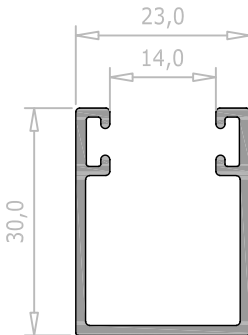
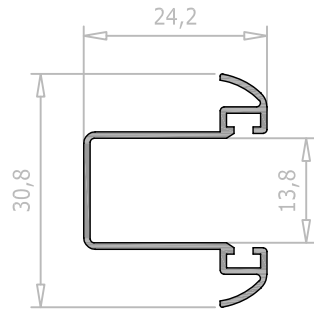
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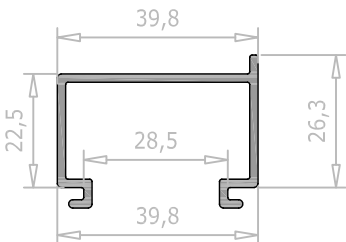
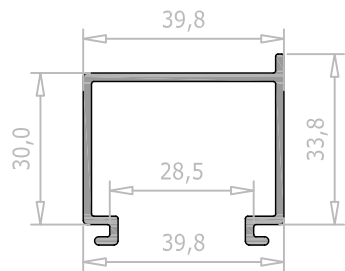
Perfil	Secção Y X---X Y	Descrição	Peso Kg./m	Superfície		Fabrica
				Exterior (dm ² /m)	Total (dm ² /m)	
Z-9		Guia de persiana 25.	0,302	17,9	17,9	Avintes
Z-17		Guia de persiana 19.	0,398	15,4	22,0	Avintes
Z-30		Guia de persiana 21.	0,236	17,5	17,5	Avintes
Z-55		Guia de persiana 23.	0,345	19,5	19,5	Avintes
Z-93		Guia de persiana 21.	0,441	22,4	31,6	Avintes

D.2.- PERFIS 1:1

E010711					E010220				
Guia de persiana 80,4.	Espes. 1,2 mm	Sup. Ext. 32,3 dm ² /m	Sup. Total 32,3 dm ² /m	Peso 0,524 Kg/m	Guia de persiana 54,4.	Espes. 1,2 mm	Sup. Ext. 22,3 dm ² /m	Sup. Total 22,3 dm ² /m	Peso 0,356 Kg/m
NAV					NAV				
									
2060869					Z-93				
Guia de persiana 58.	Espes. 1,5 mm	Sup. Ext. 34,7 dm ² /m	Sup. Total 34,7 dm ² /m	Peso 0,715 Kg/m	Guia de persiana 21.	Espes. 1,0 mm	Sup. Ext. 22,4 dm ² /m	Sup. Total 31,6 dm ² /m	Peso 0,441 Kg/m
NAV					AVI				
									
Y-110					Z-17				
Guia de persiana 22.	Espes. 1,3 mm	Sup. Ext. 23,0 dm ² /m	Sup. Total 33,1 dm ² /m	Peso 0,571 Kg/m	Guia de persiana 19.	Espes. 1,3 mm	Sup. Ext. 15,4 dm ² /m	Sup. Total 22,0 dm ² /m	Peso 0,398 Kg/m
AVI					AVI				
									

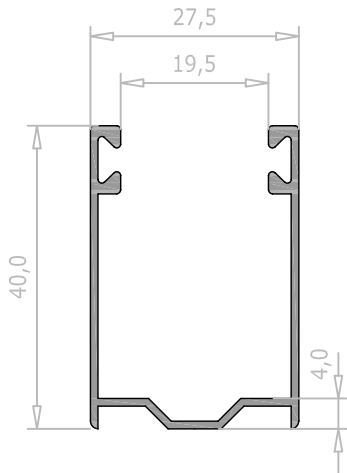
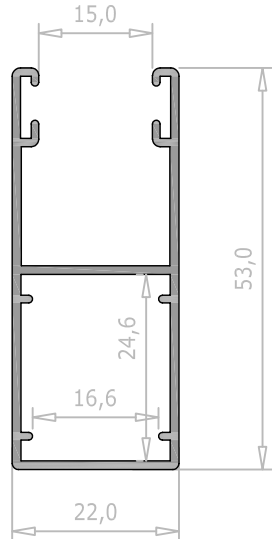
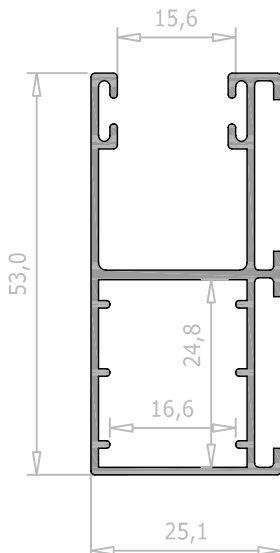
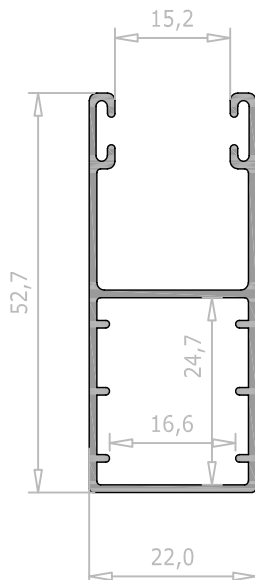
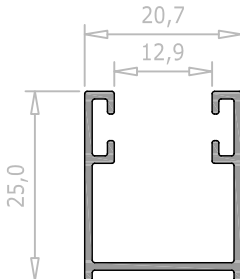
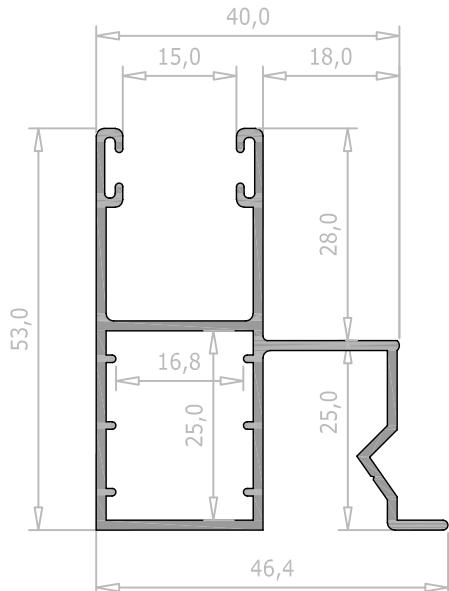
Z-9		Espes.	Sup. Ext.	Sup. Total	Peso	M-1421		Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 25.		1,2 mm	17,9 dm ² /m	17,9 dm ² /m	0,302 Kg/m	Guia de persiana 30.		1,1 mm	18,1 dm ² /m	18,1 dm ² /m	0,263 Kg/m
AVI						LAR					
											

Z-55		Espes.	Sup. Ext.	Sup. Total	Peso	E900976		Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 23.		1,3 mm	19,5 dm ² /m	19,5 dm ² /m	0,345 Kg/m	Guia de persiana 30,8.		0,9 mm	18,4 dm ² /m	18,4 dm ² /m	0,213 Kg/m
AVI						NAV					
											

E-17421		Espes.	Sup. Ext.	Sup. Total	Peso	E117422		Espes.	Sup. Ext.	Sup. Total	Peso
Supl. 15 mm em E-15288		1,7 mm	14,7 dm ² /m	14,7 dm ² /m	0,219 Kg/m	Supl. 20 mm em E-15288		1,7 mm	16,7 dm ² /m	16,7 dm ² /m	0,248 Kg/m
LAR						NAV					
											

extruded by

Hydro

E-16382					M-4871				
Guia de persiana 30.	Espes.	Sup. Ext.	Sup. Total	Peso	Guia de persiana 22.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,0 mm	24,7 dm ² /m	24,7 dm ² /m	0,359 Kg/m		1,2 mm	23,1 dm ² /m	33,0 dm ² /m	0,511 Kg/m
LAR					LAR				
									
E-15288					E556649				
Guia de persiana 25,1.	Espes.	Sup. Ext.	Sup. Total	Peso	Guia de persiana 22.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,0 mm	27,2 dm ² /m	37,7 dm ² /m	0,537 Kg/m		1,0 mm	23,0 dm ² /m	33,6 dm ² /m	0,464 Kg/m
LAR					NAV				
									
Z-30					M-4867				
Guia de persiana 21.	Espes.	Sup. Ext.	Sup. Total	Peso	Guia de persiana 46,4.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,0 mm	17,5 dm ² /m	17,5 dm ² /m	0,236 Kg/m		1,3 mm	32,8 dm ² /m	43,0 dm ² /m	0,747 Kg/m
AVI					LAR				
									
extruded by 									

2093988					Espes.	Sup. Ext.	Sup. Total	Peso	M-3406					Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 49.					1,3 mm	38,0 dm ² /m	38,0 dm ² /m	0,662 Kg/m	Guia de persiana 48,4.					1,3 mm	31,8 dm ² /m	41,5 dm ² /m	0,731 Kg/m
LARS					LAR												

E-13443					Espes.	Sup. Ext.	Sup. Total	Peso	E-18248					Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 48.					1,3 mm	49,8 dm ² /m	49,8 dm ² /m	0,861 Kg/m	Guia de persiana 37.					1,3 mm	46,6 dm ² /m	46,6 dm ² /m	0,815 Kg/m
LARS					LAR												

E-15059					Espes.	Sup. Ext.	Sup. Total	Peso	E-17167					Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 64,8.					1,3 mm	49,2 dm ² /m	49,2 dm ² /m	0,870 Kg/m	Guia de persiana 60.					1,4 mm	50,4 dm ² /m	50,4 dm ² /m	0,907 Kg/m
LARS					LAR												

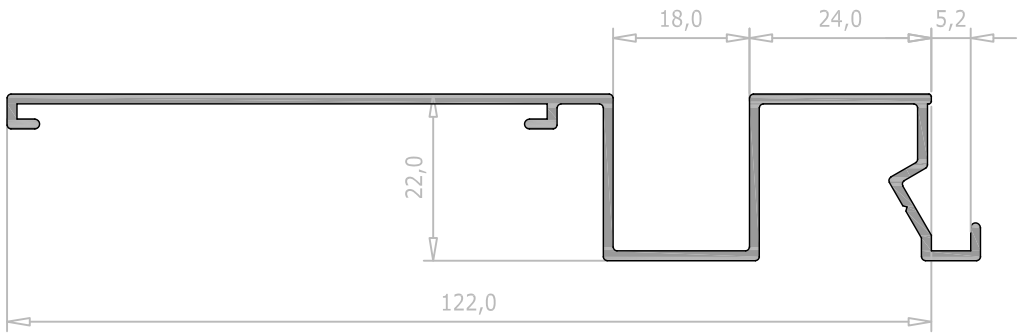
extruded by

Hydro

E-18257		Espes.	Sup. Ext.	Sup. Total	Peso	M-2100		Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 70.		1,4 mm	40,1 dm ² /m	40,1 dm ² /m	0,759 Kg/m	Guia de persiana 76.		1,3 mm	44,2 dm ² /m	44,2 dm ² /m	0,744 Kg/m
LAR <											

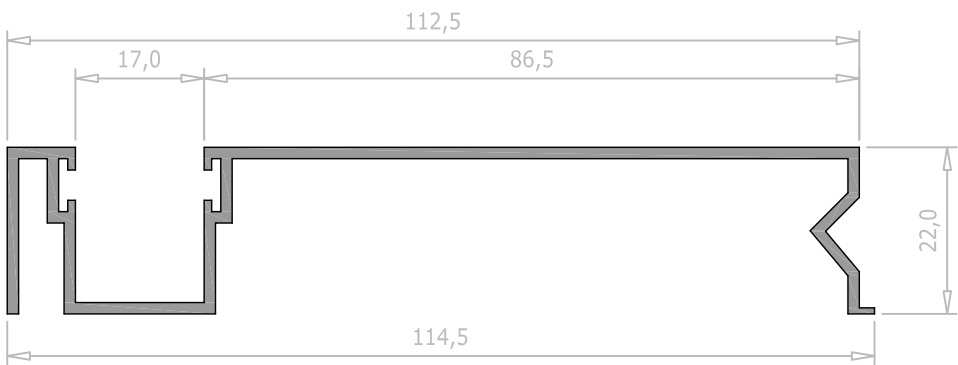
E010958	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 128,5.	1,3 mm	41,8 dm ² /m	41,8 dm ² /m	0,737 Kg/m

NAV



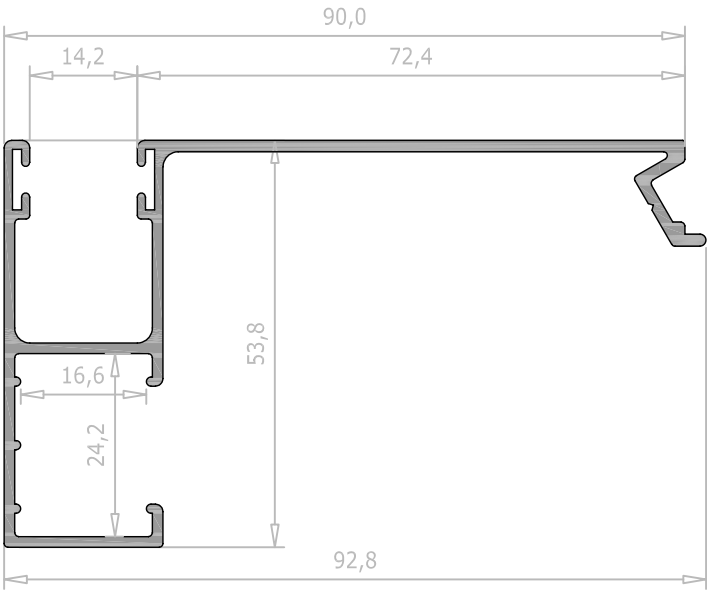
2061034	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 114,5.	1,5 mm	41,9 dm ² /m	41,9 dm ² /m	0,840 Kg/m

NAV



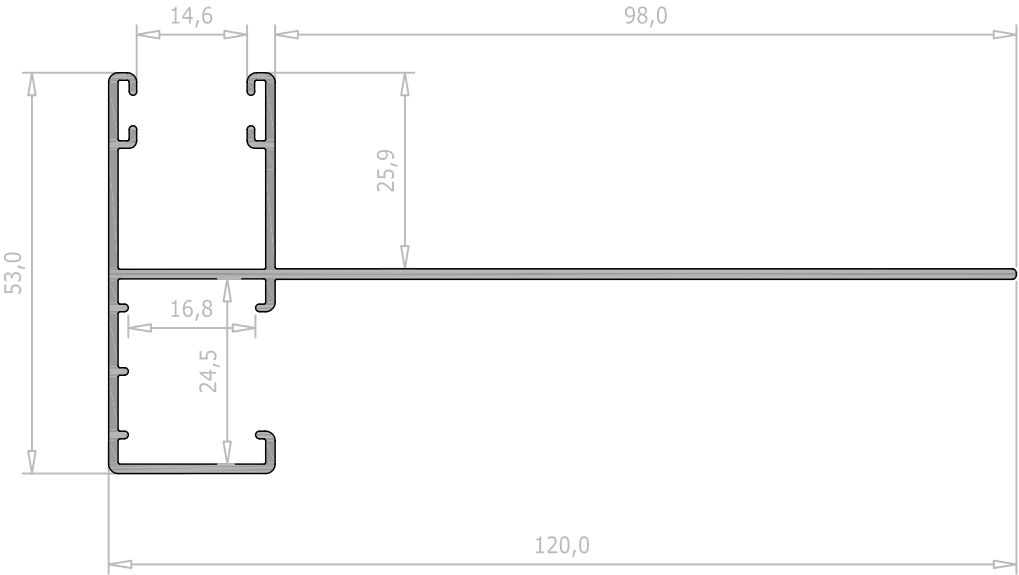
E011231	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 92,8.	1,4 mm	46,8 dm ² /m	46,8 dm ² /m	0,910 Kg/m

NAV



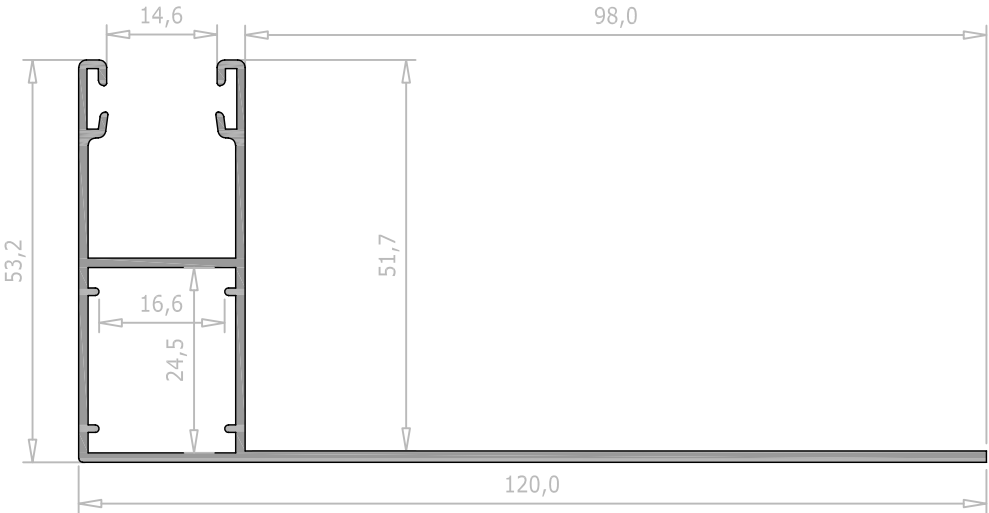
M-3740	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,4 mm	49,5 dm ² /m	49,5 dm ² /m	0,863 Kg/m

LAR



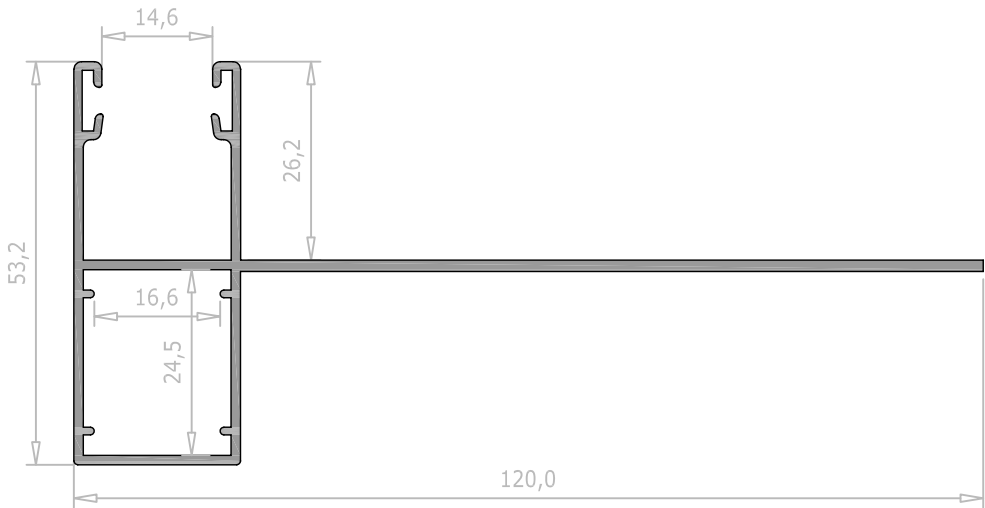
E553868	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,5 mm	43,1 dm ² /m	53,0 dm ² /m	0,948 Kg/m

NAV



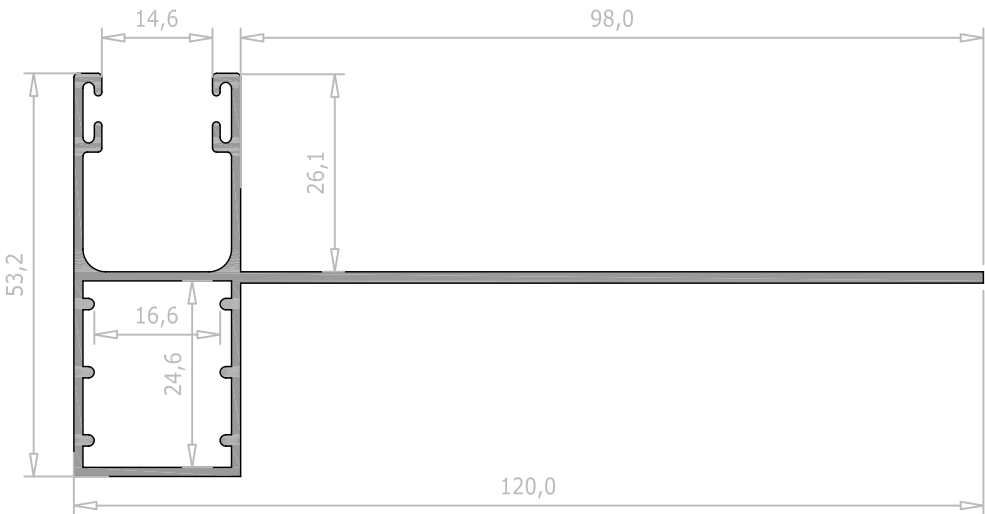
E553869	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,5 mm	43,1 dm ² /m	53,0 dm ² /m	0,948 Kg/m

NAV



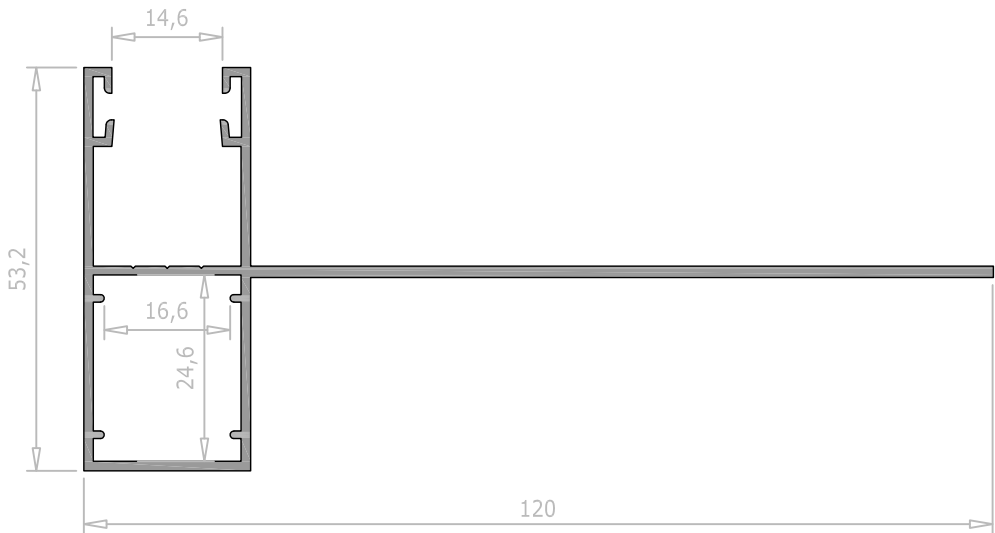
E556651	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,5 mm	42,9 dm ² /m	53,1 dm ² /m	0,969 Kg/m

NAV



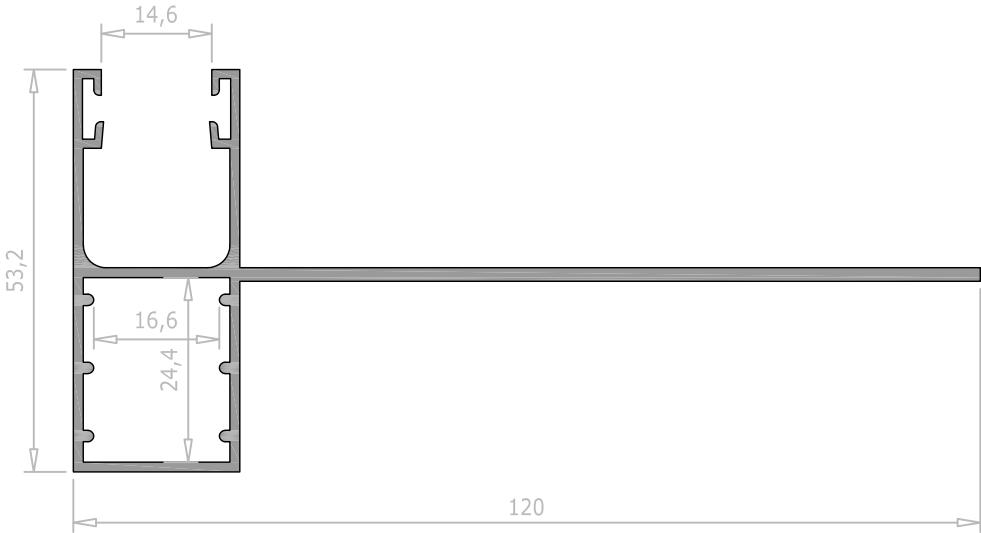
E-6073	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	43,6 dm ² /m	53,5 dm ² /m	0,948 Kg/m

LAR



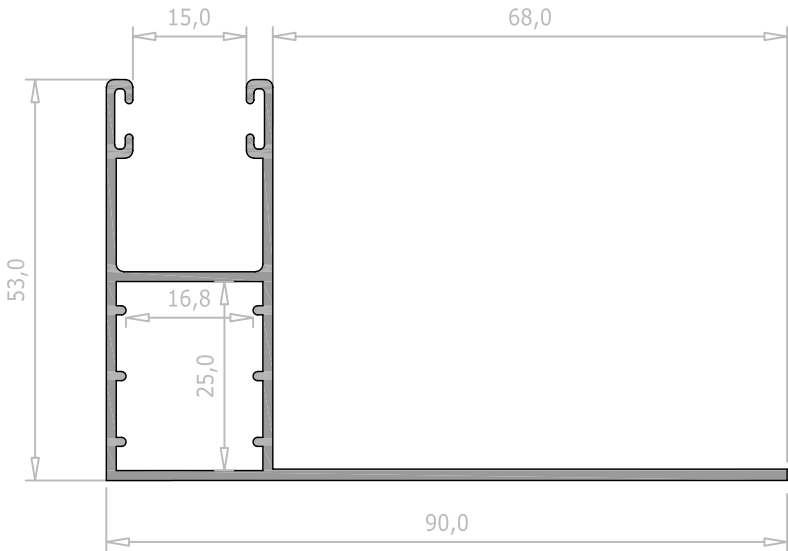
E-5176	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,3 mm	43,3 dm ² /m	53,4 dm ² /m	1,069 Kg/m

LAR



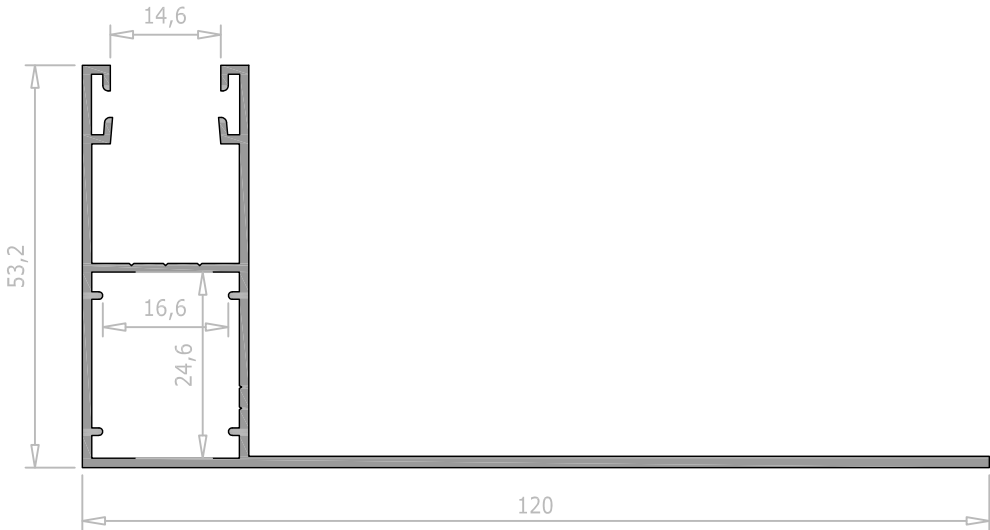
M-2054	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 90.	1,5 mm	36,4 dm ² /m	46,0 dm ² /m	0,843 Kg/m

LAR

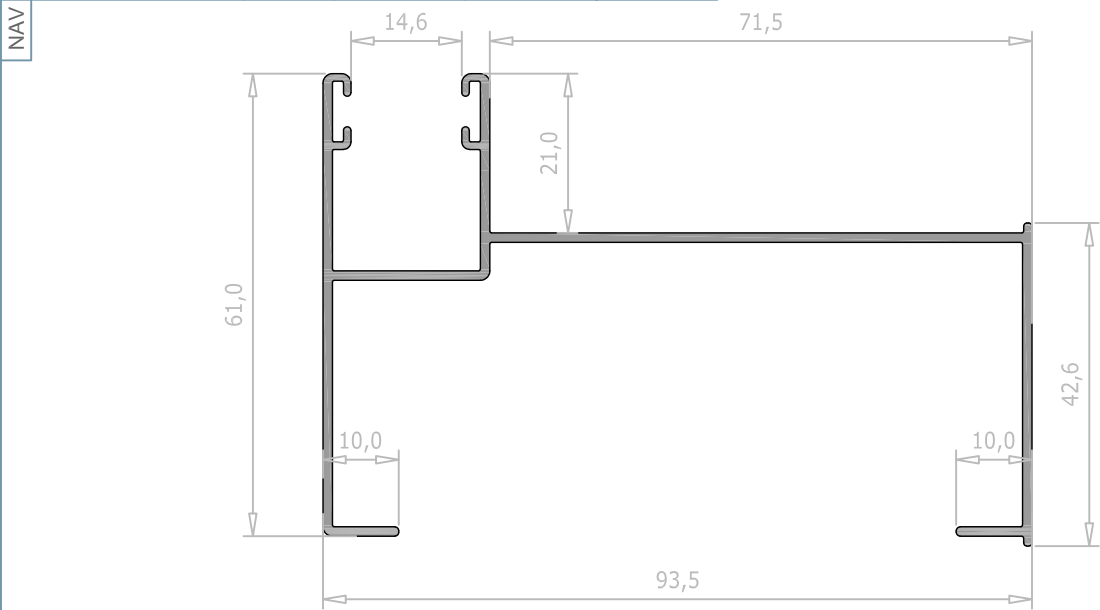


E-6072	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,25 mm	43,6 dm ² /m	53,5 dm ² /m	0,948 Kg/m

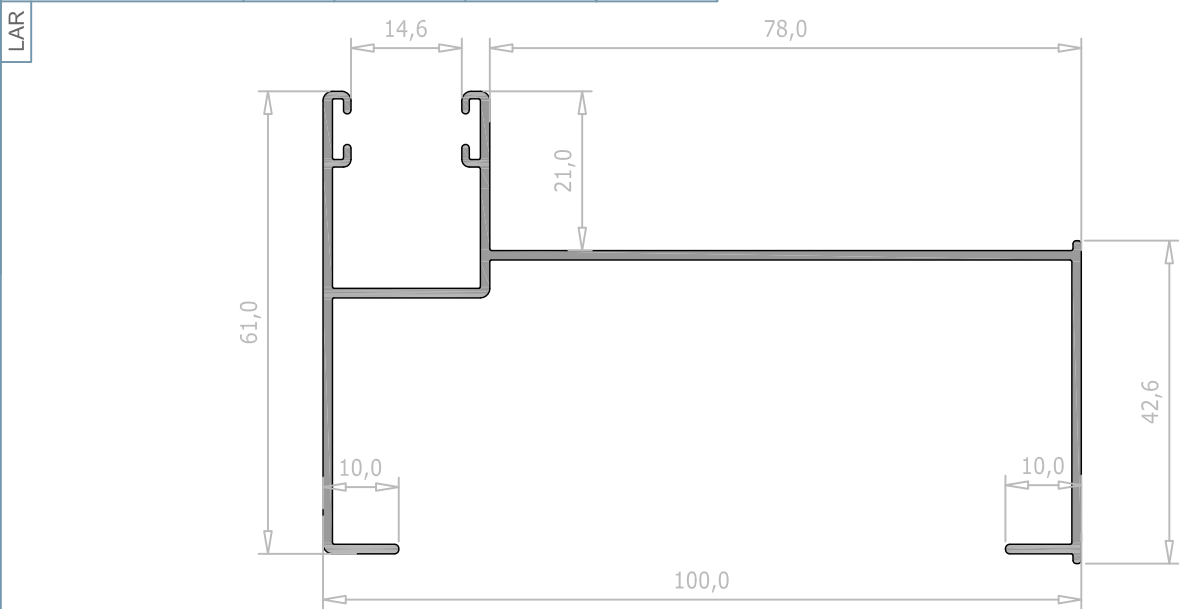
LAR



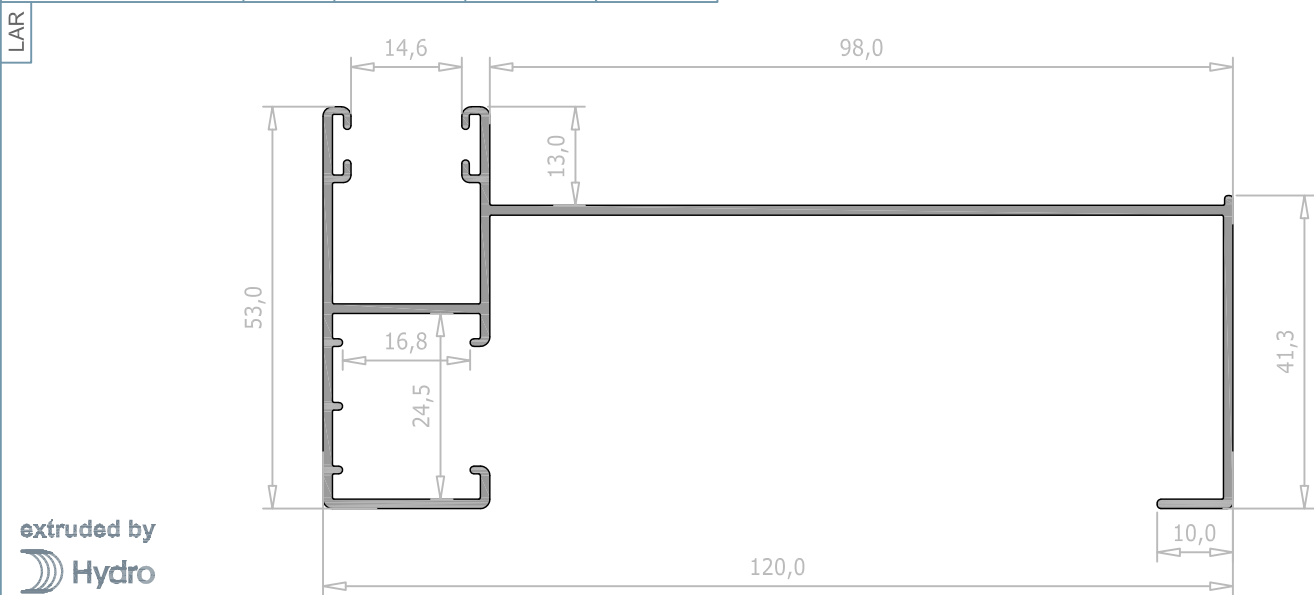
E333752	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 93,5.	1,3 mm	50,5 dm ² /m	50,5 dm ² /m	0,850 Kg/m



M-3751	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 100.	1,3 mm	51,8 dm ² /m	51,8 dm ² /m	0,870 Kg/m

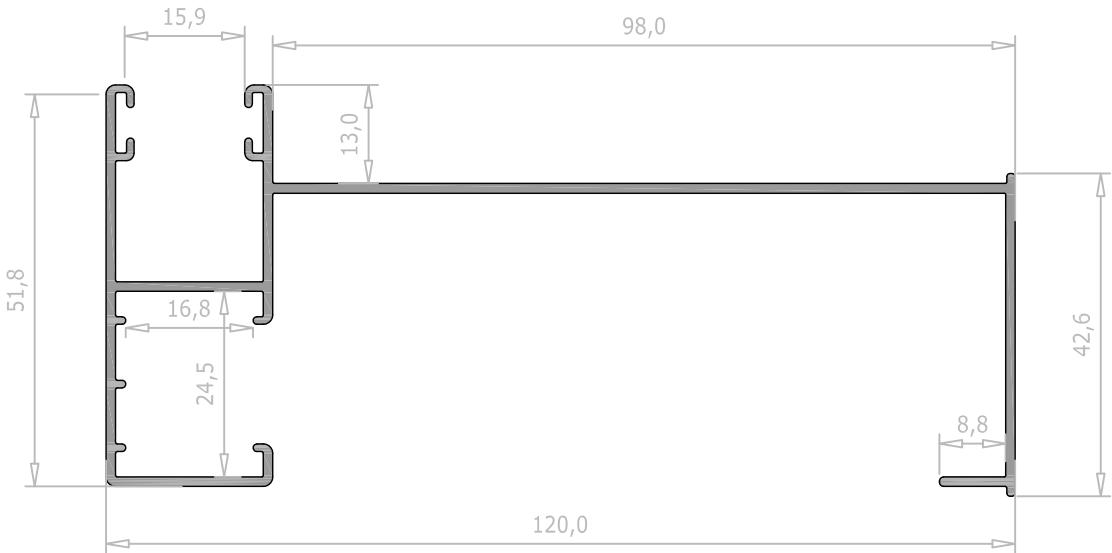


M-3739	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	59,0 dm ² /m	59,0 dm ² /m	1,002 Kg/m



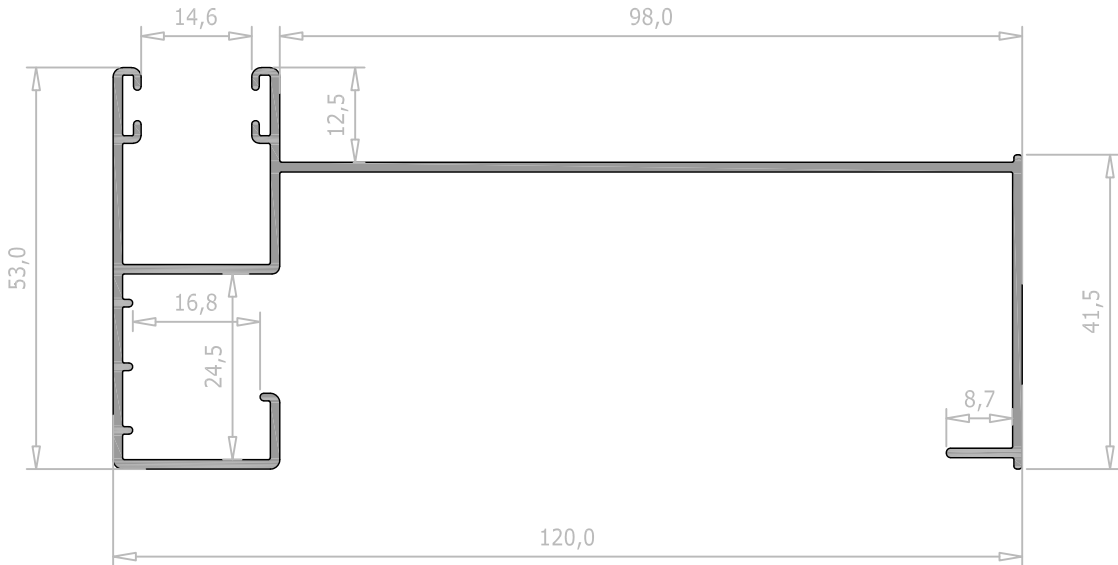
M-3750	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	59,3 dm ² /m	59,3 dm ² /m	1,006 Kg/m

LAR



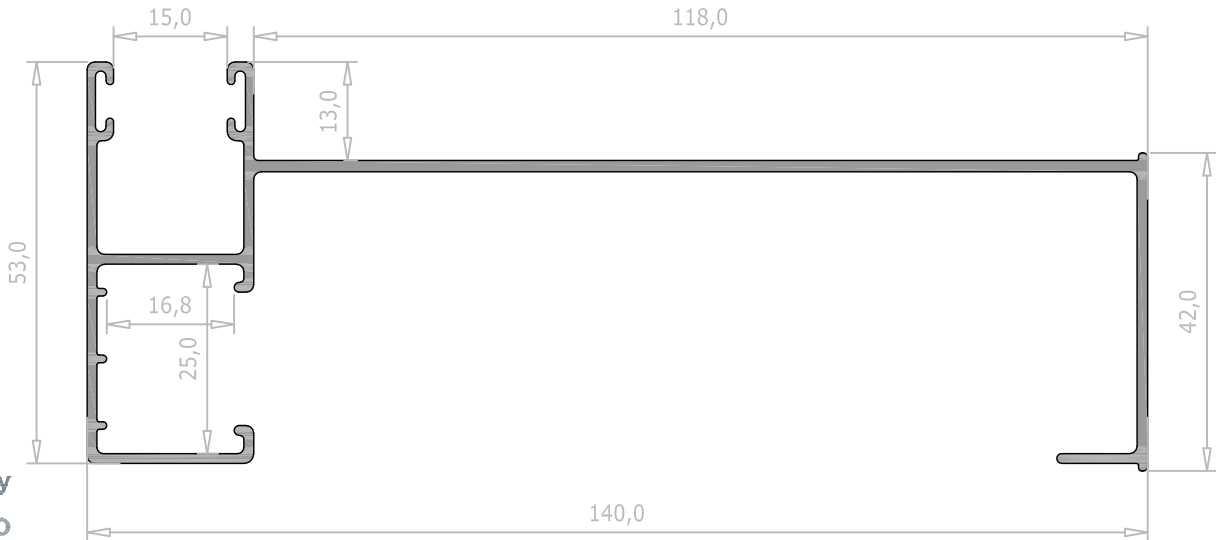
M-3964	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	58,6 dm ² /m	58,6 dm ² /m	0,989 Kg/m

LAR



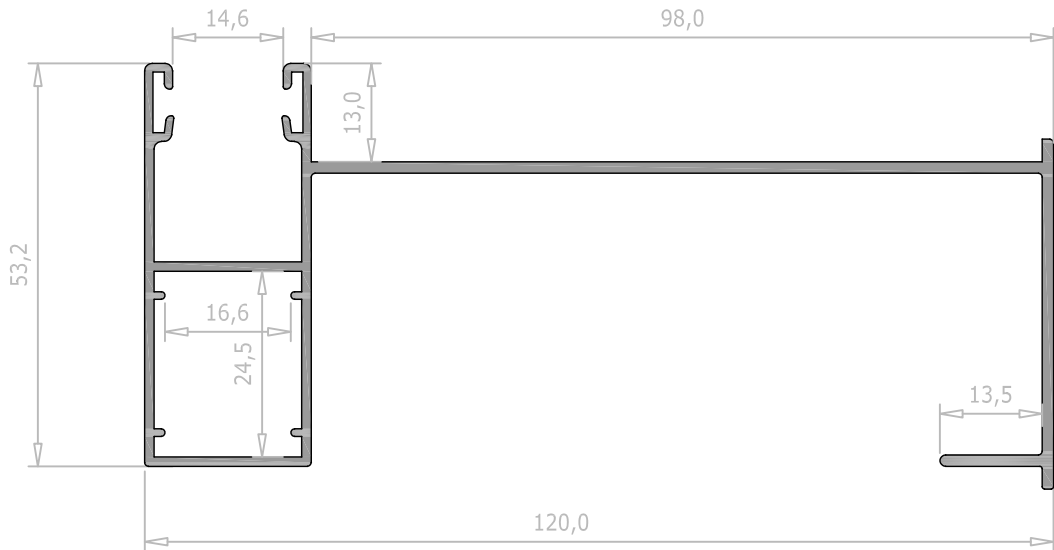
M-2584	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 140.	1,5 mm	62,3 dm ² /m	62,3 dm ² /m	1,175 Kg/m

LAR



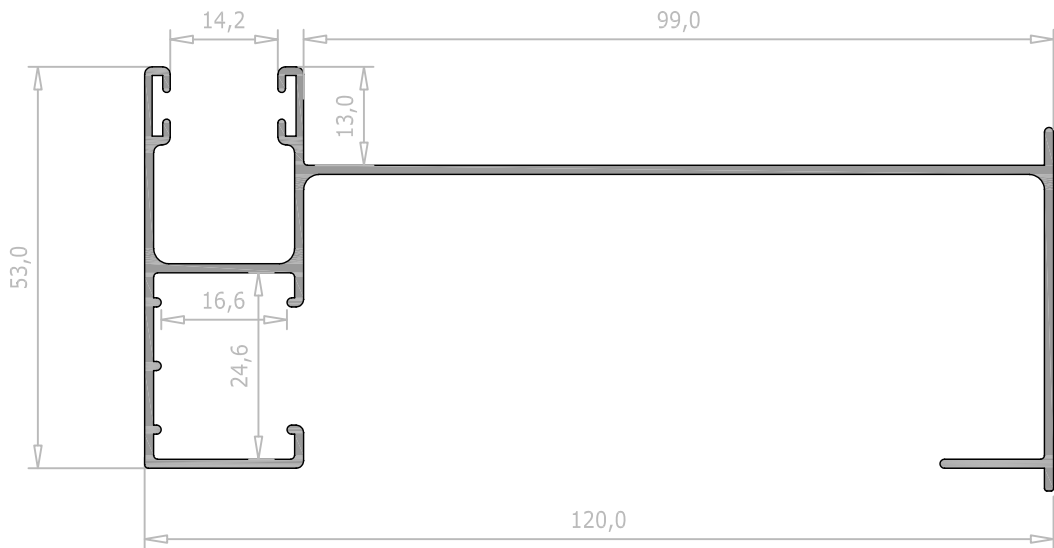
E553885	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,5 mm	54,5 dm ² /m	64,4 dm ² /m	1,183 Kg/m

NAV



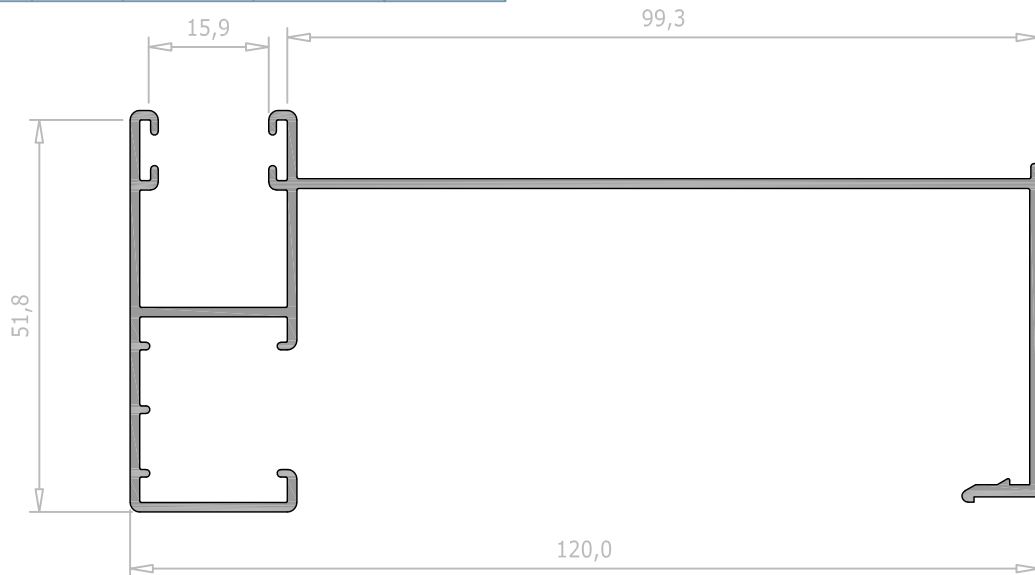
E010736	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,2 mm	60,9 dm ² /m	60,9 dm ² /m	0,991 Kg/m

NAV

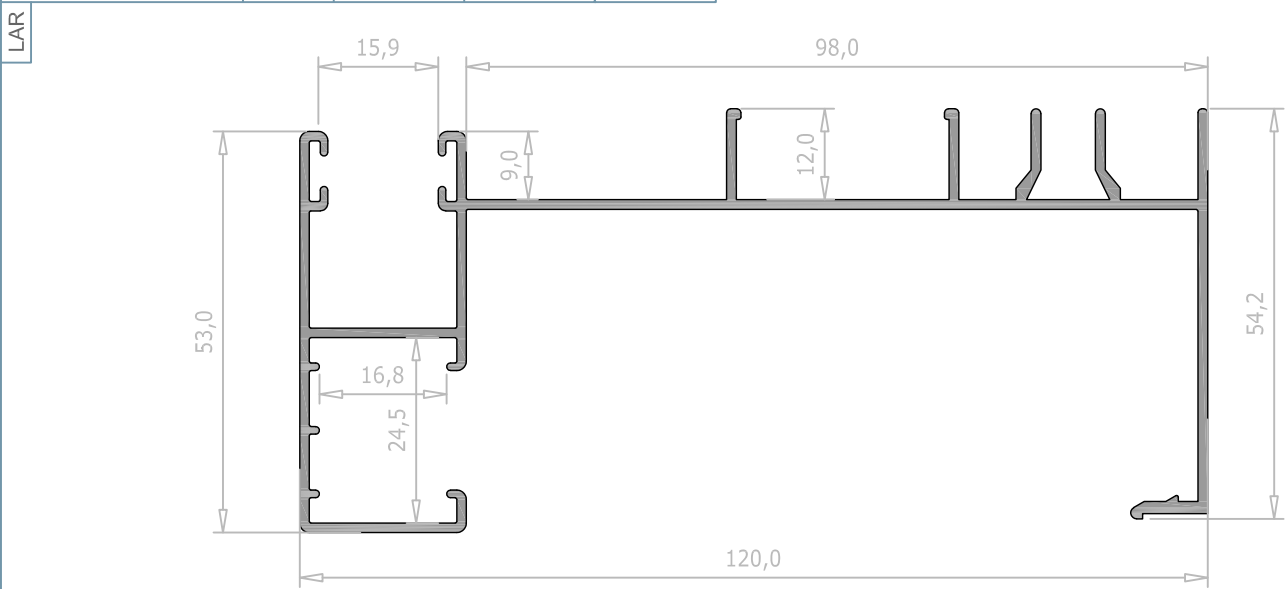


M-3990	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	60,0 dm ² /m	60,0 dm ² /m	1,027 Kg/m

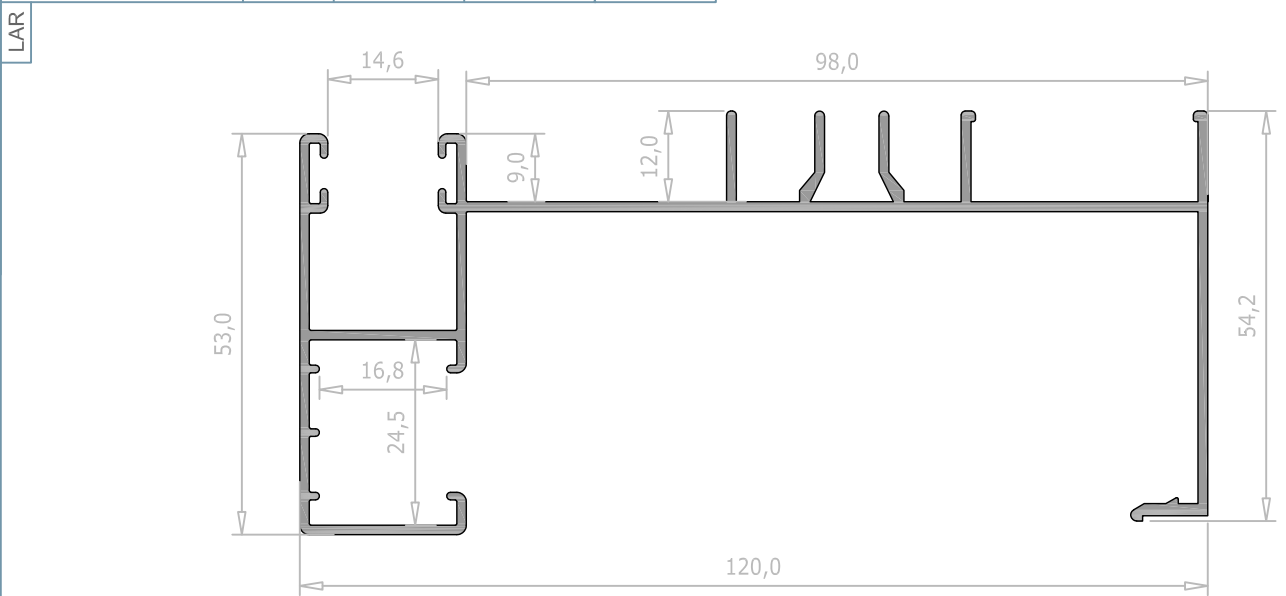
LAR



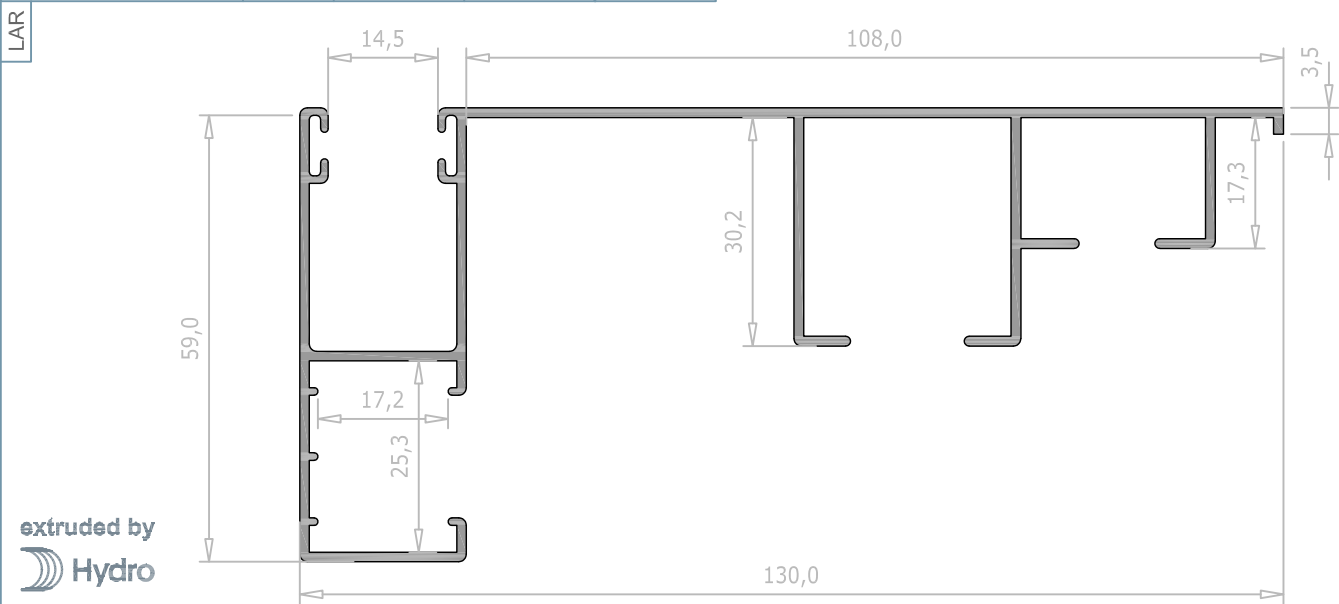
M-4245	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	71,0 dm ² /m	71,0 dm ² /m	1,247 Kg/m



M-4246	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,3 mm	71,0 dm ² /m	71,0 dm ² /m	1,247 Kg/m

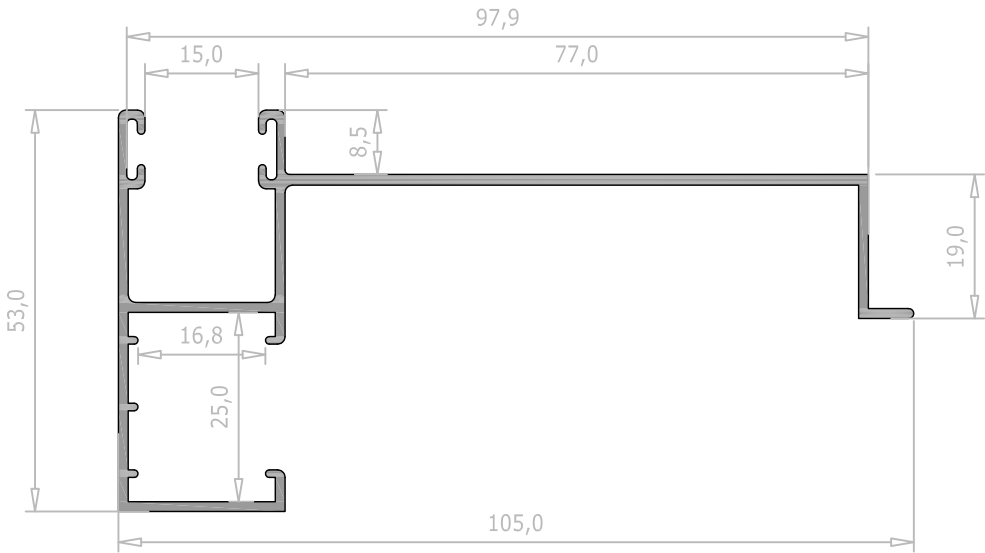


M-5005	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 135.	1,3 mm	75,4 dm ² /m	75,4 dm ² /m	1,295 Kg/m



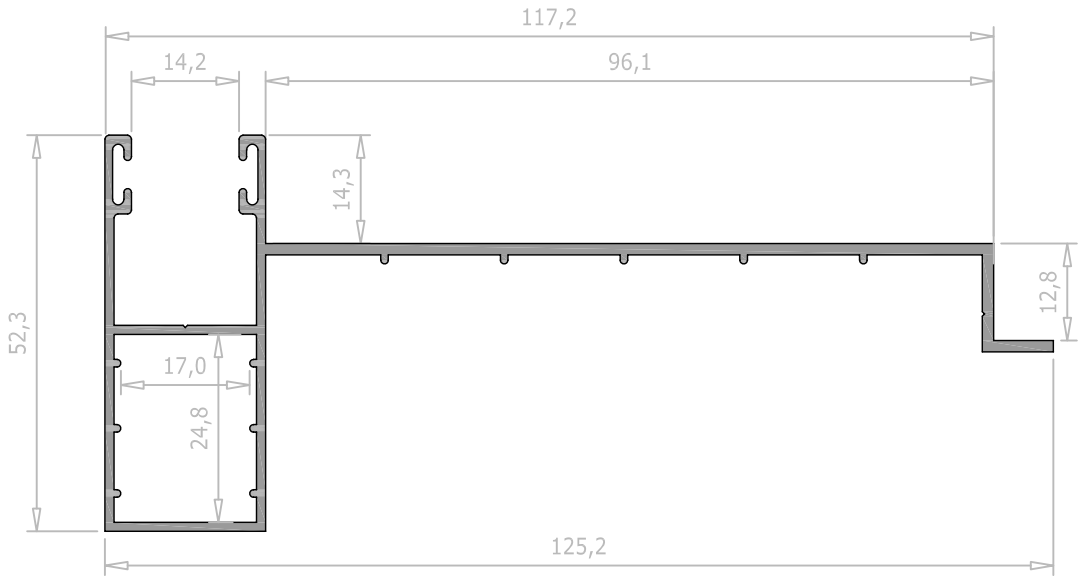
M-4384	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 105.	1,4 mm	49,6 dm ² /m	49,6 dm ² /m	0,858 Kg/m

LAR

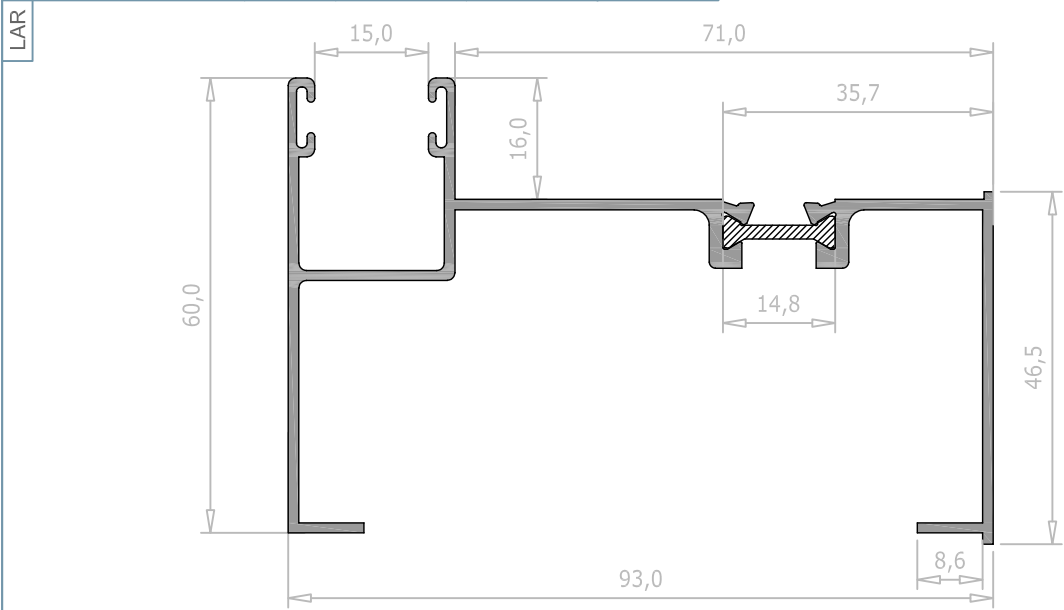


2063517	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 125,2.	1,5 mm	46,8 dm ² /m	56,2 dm ² /m	1,008 Kg/m

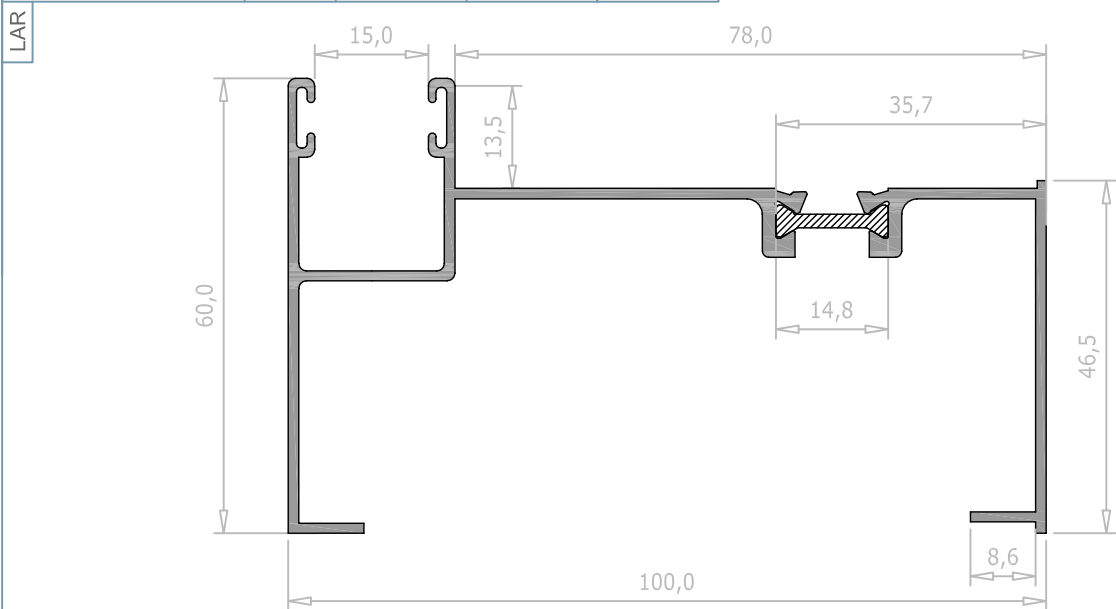
NAV



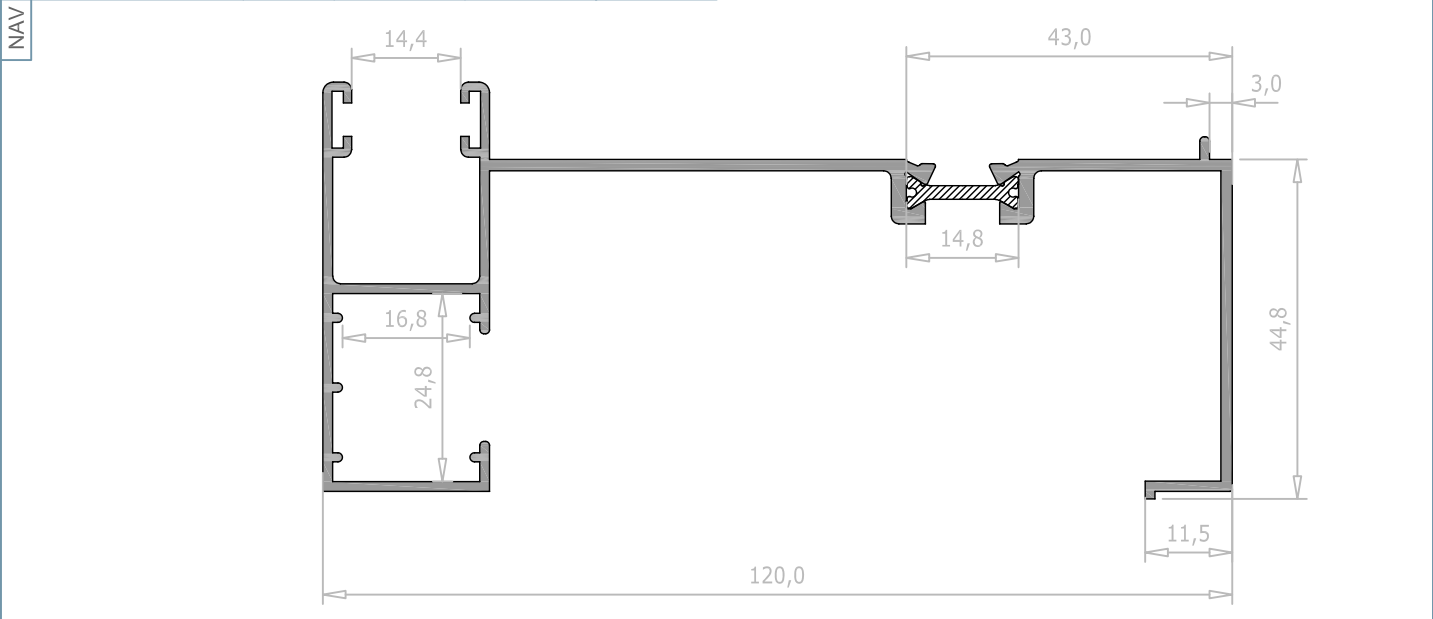
RT-9432	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 93.	1,4 mm	52,0 dm ² /m	52,0 dm ² /m	1,033 Kg/m



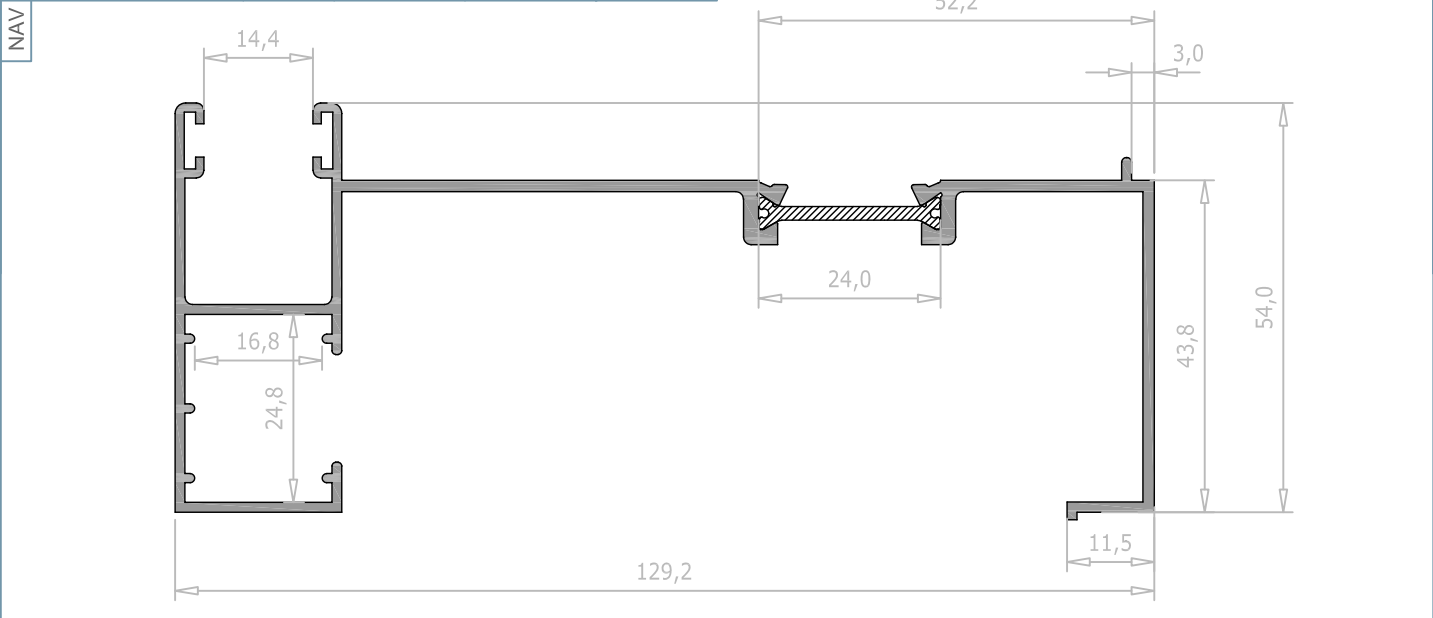
RT-9434	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 100.	1,4 mm	53,0 dm ² /m	53,0 dm ² /m	1,059 Kg/m



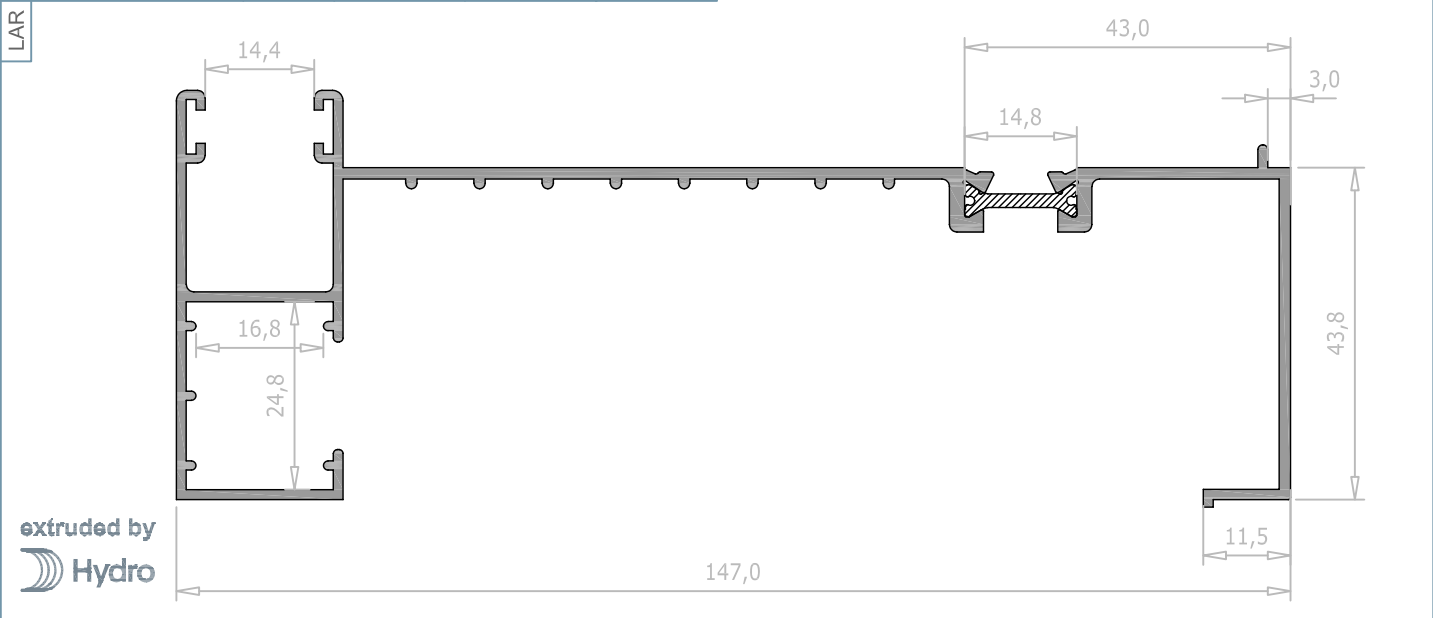
RT030	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,5 mm	64,3 dm ² /m	64,3 dm ² /m	1,230 Kg/m



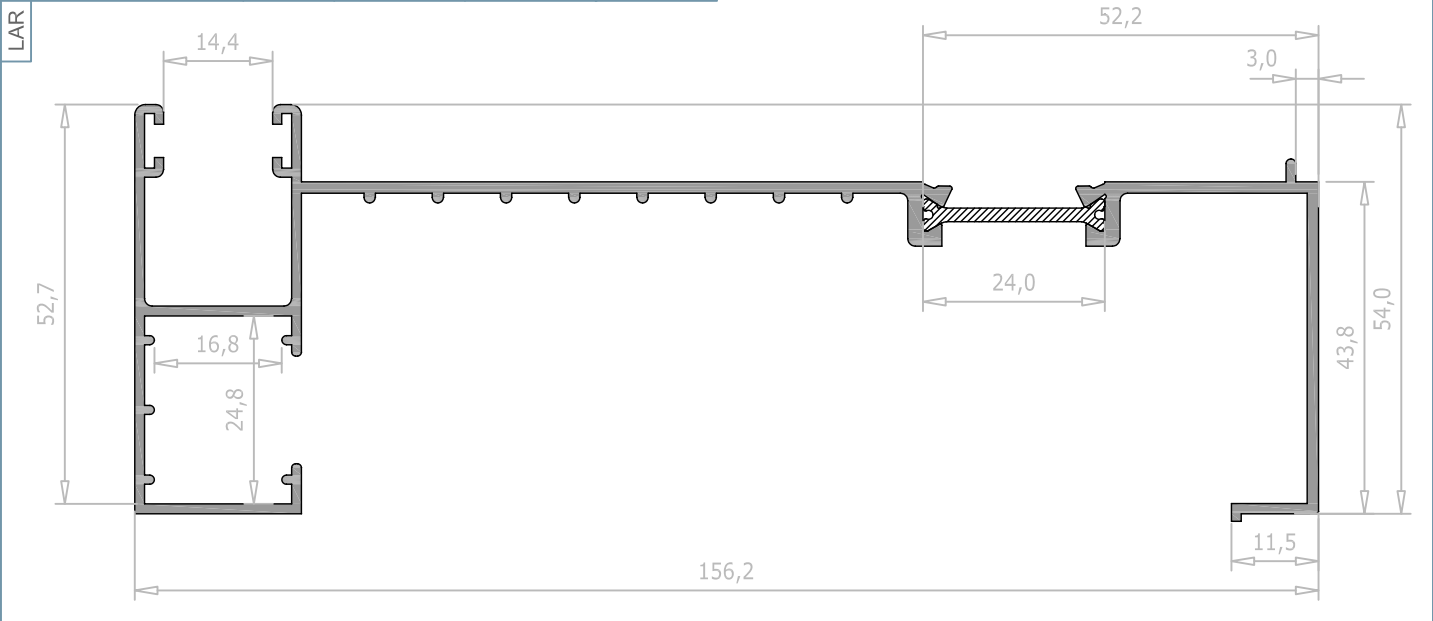
RT449	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 129,2.	1,5 mm	66,2 dm ² /m	66,2 dm ² /m	1,230 Kg/m



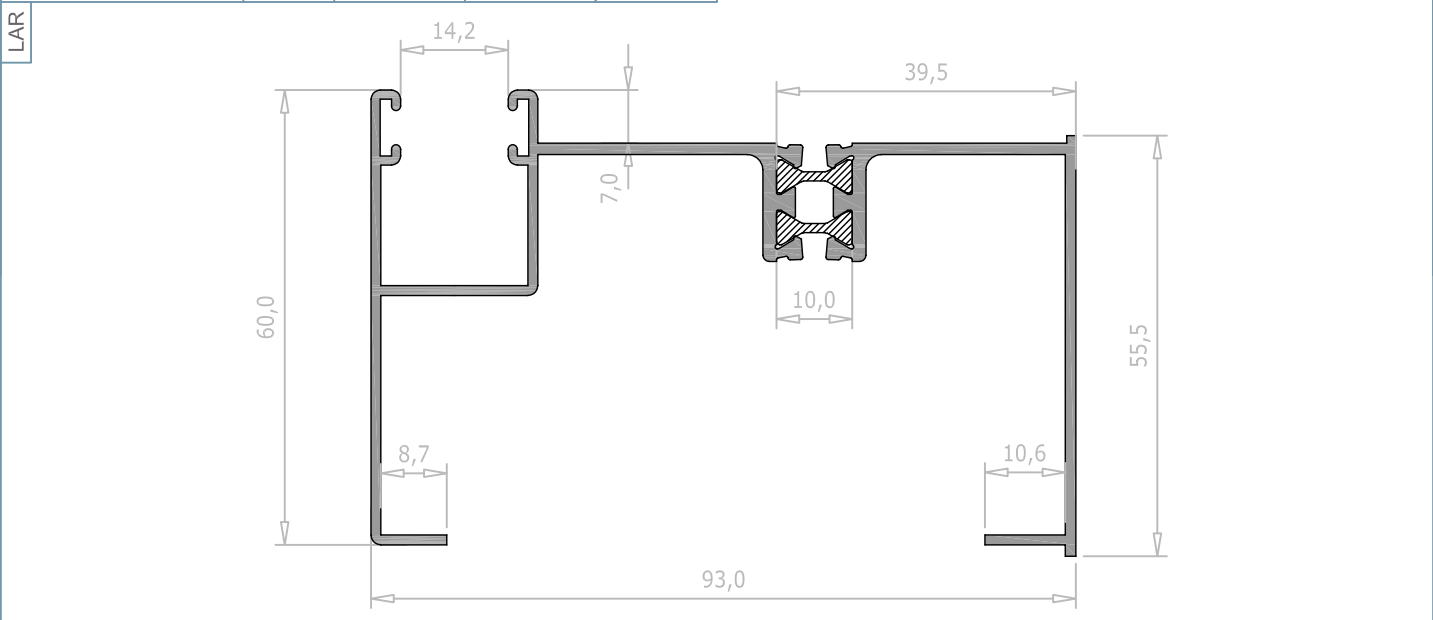
RT042	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 147.	1,5 mm	71,1 dm ² /m	71,1 dm ² /m	1,381 Kg/m



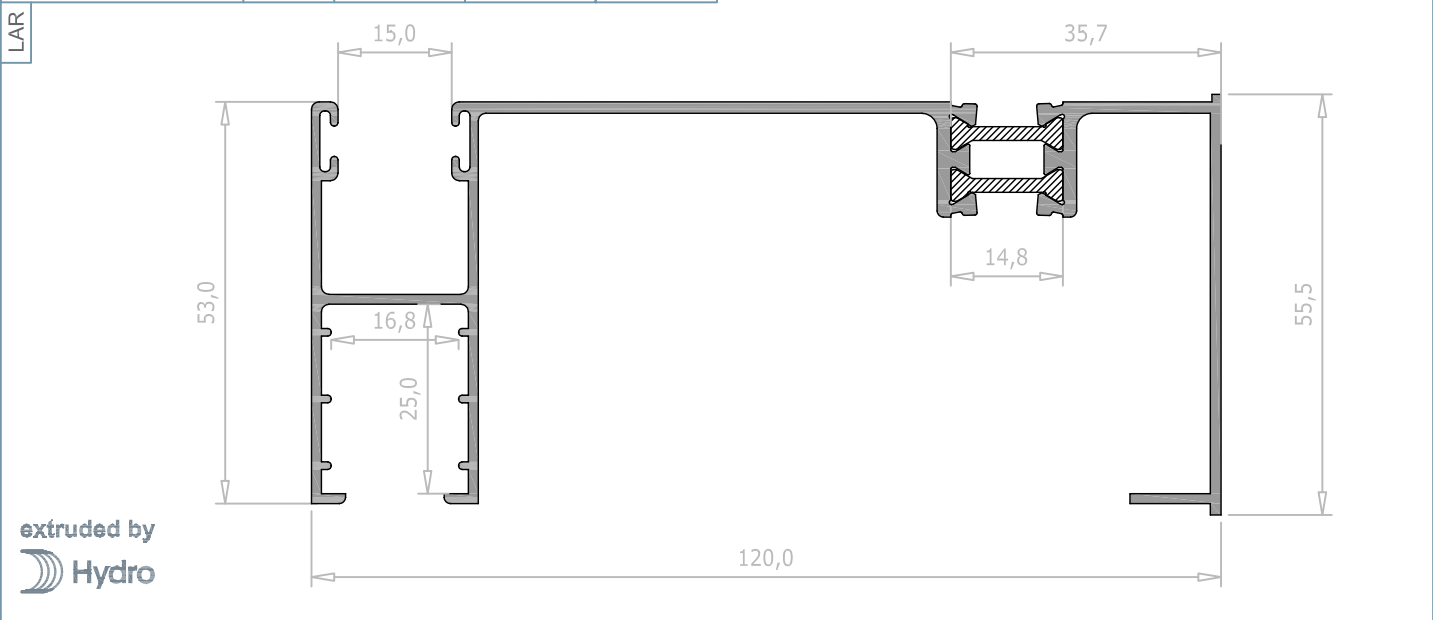
RT444	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 156.	1,5 mm	73,0 dm ² /m	73,0 dm ² /m	1,381 Kg/m



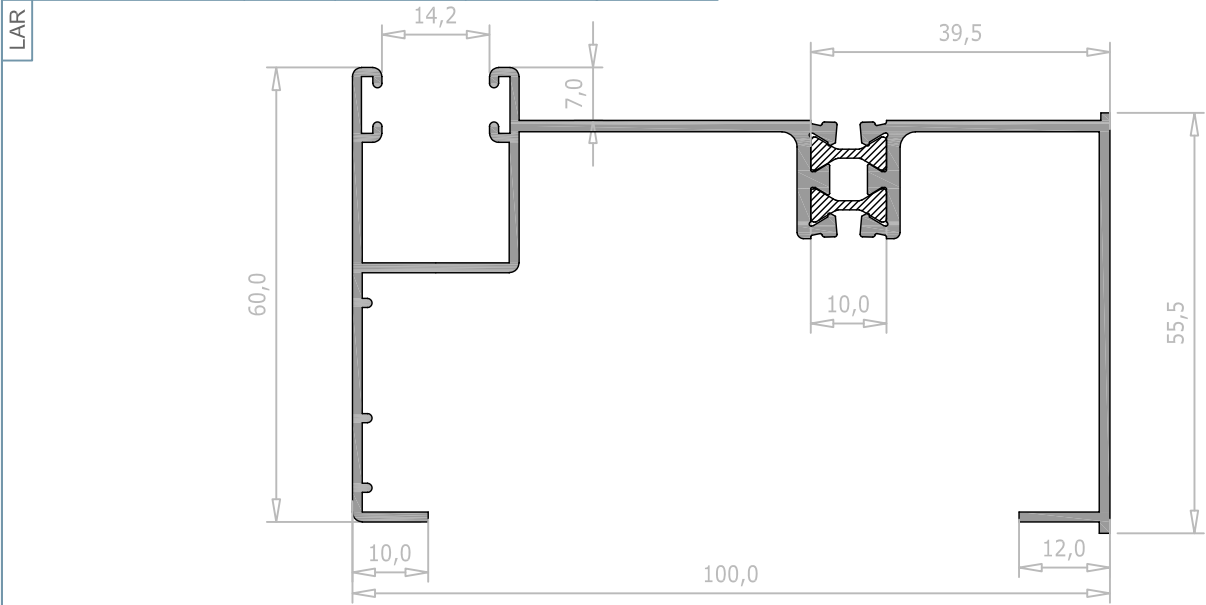
RT-9439	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 93.	1,5 mm	57,0 dm ² /m	62,0 dm ² /m	1,202 Kg/m



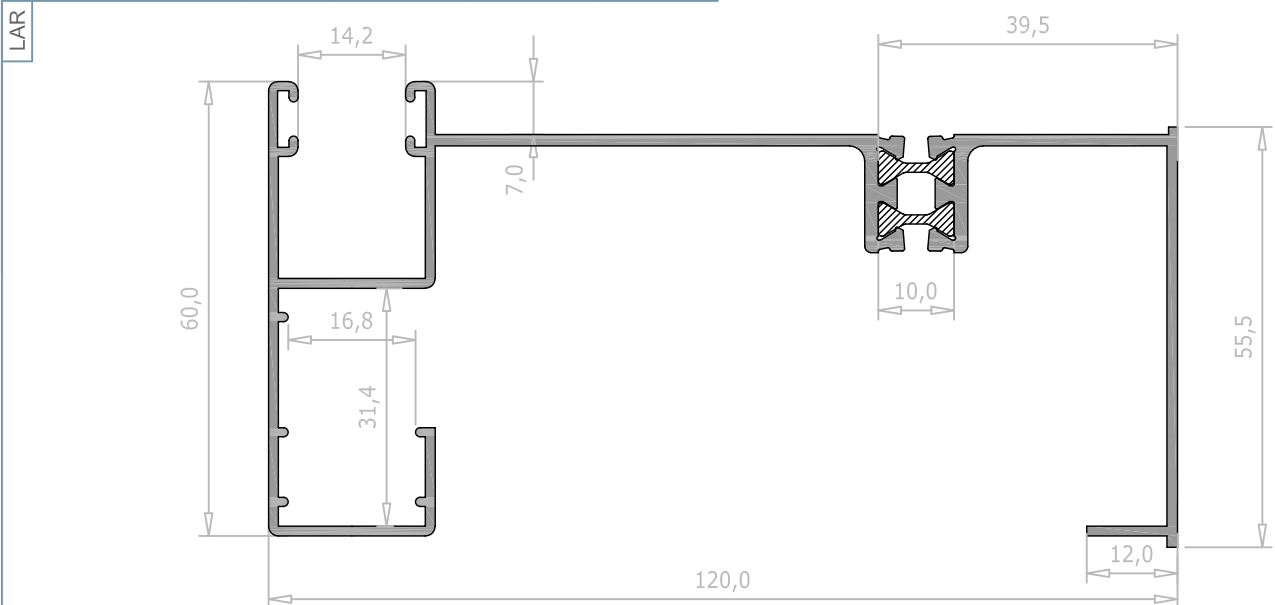
RT-9413	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,5 mm	66,0 dm ² /m	75,2 dm ² /m	1,358 Kg/m



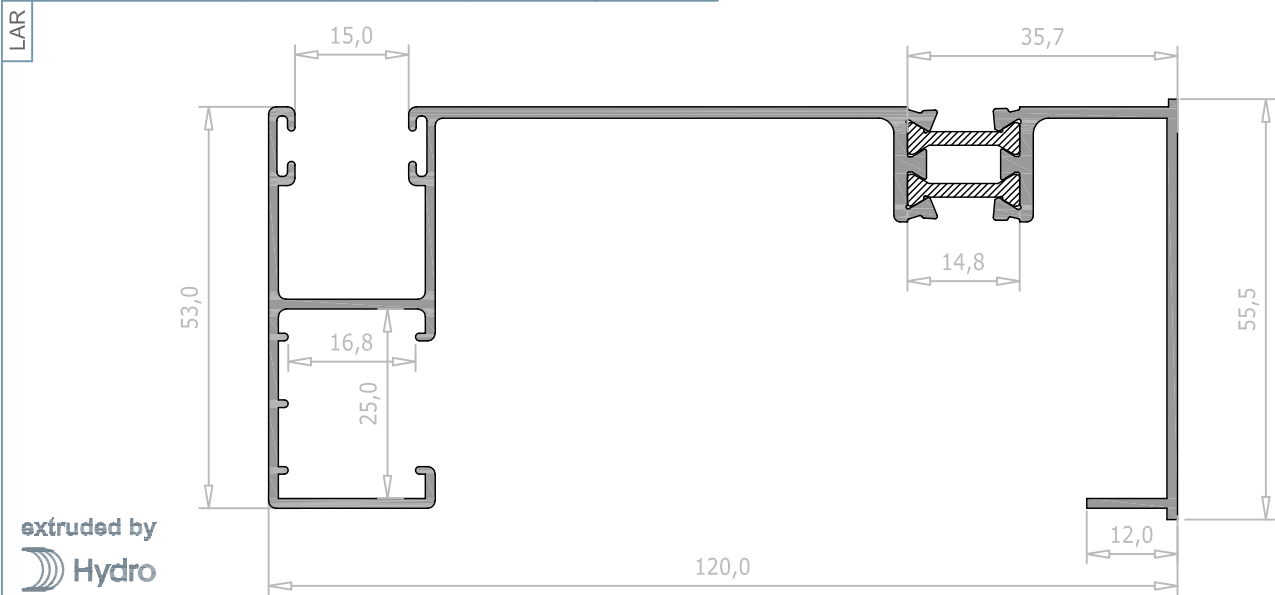
RT-9440	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 100.	1,5 mm	59,0 dm ² /m	64,0 dm ² /m	1,234 Kg/m



RT-9441	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,5 mm	69,0 dm ² /m	73,4 dm ² /m	1,410 Kg/m

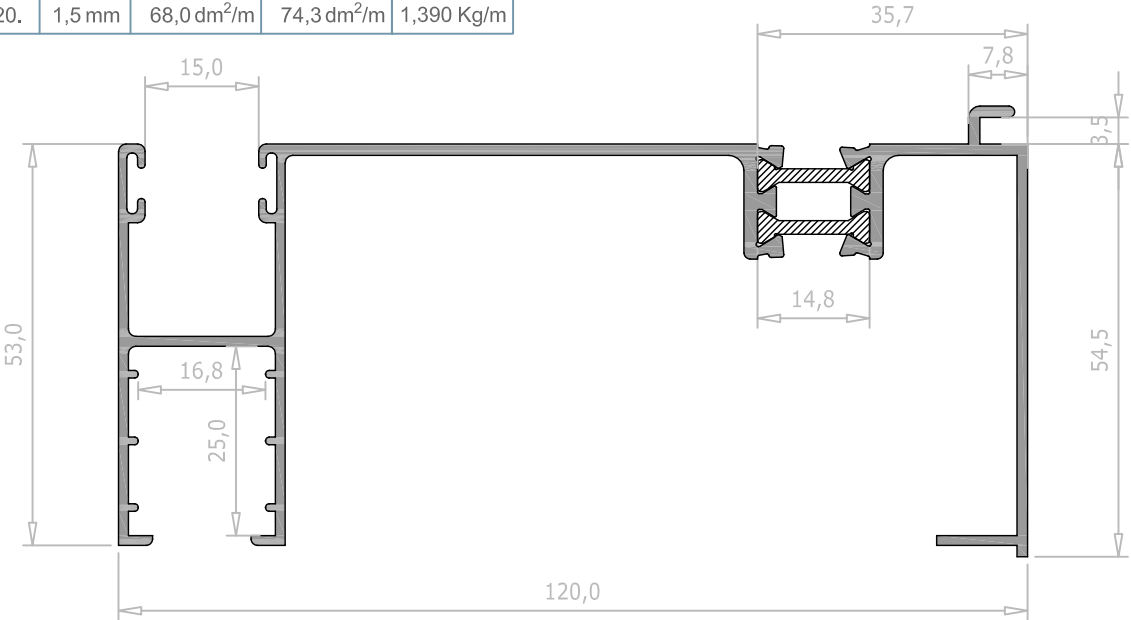


RT-9468	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 120.	1,5 mm	66,0 dm ² /m	71,6 dm ² /m	1,339 Kg/m



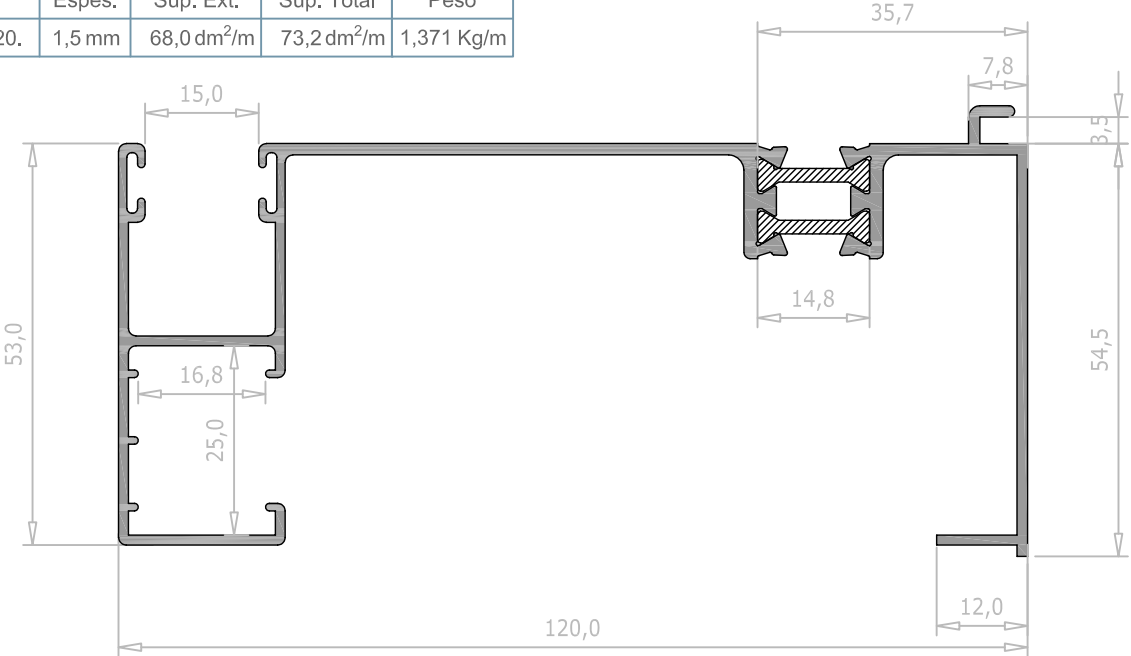
RT-9463	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,5 mm	68,0 dm ² /m	74,3 dm ² /m	1,390 Kg/m

LAR



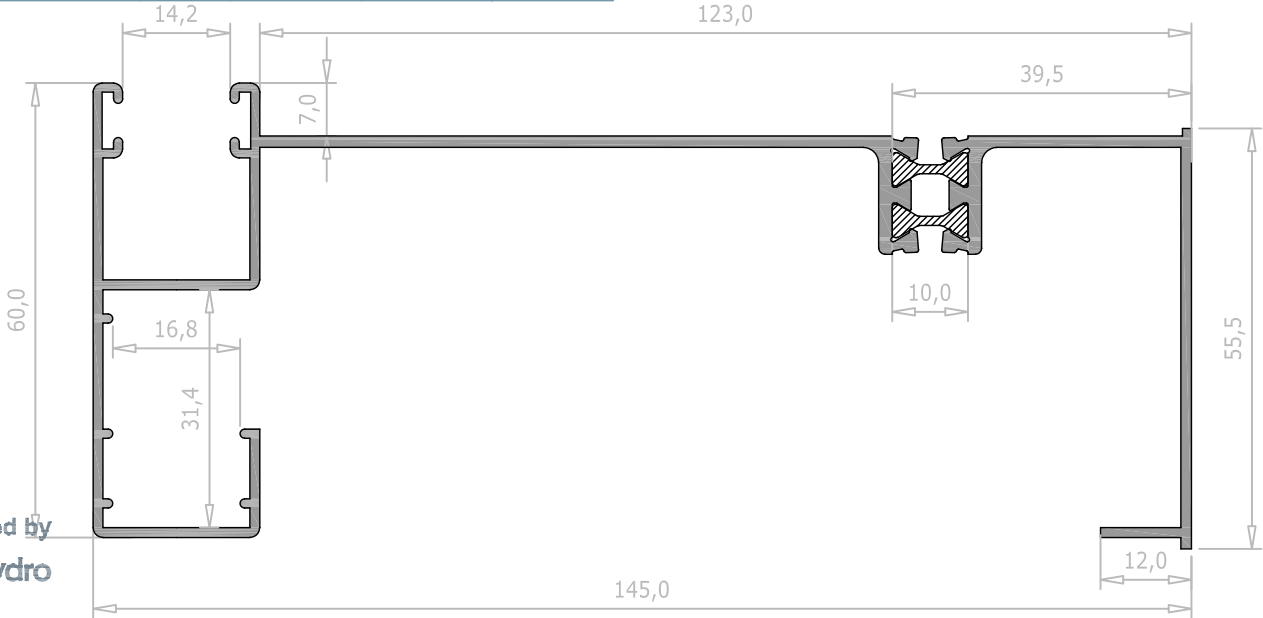
RT-9469	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 120.	1,5 mm	68,0 dm ² /m	73,2 dm ² /m	1,371 Kg/m

LAR

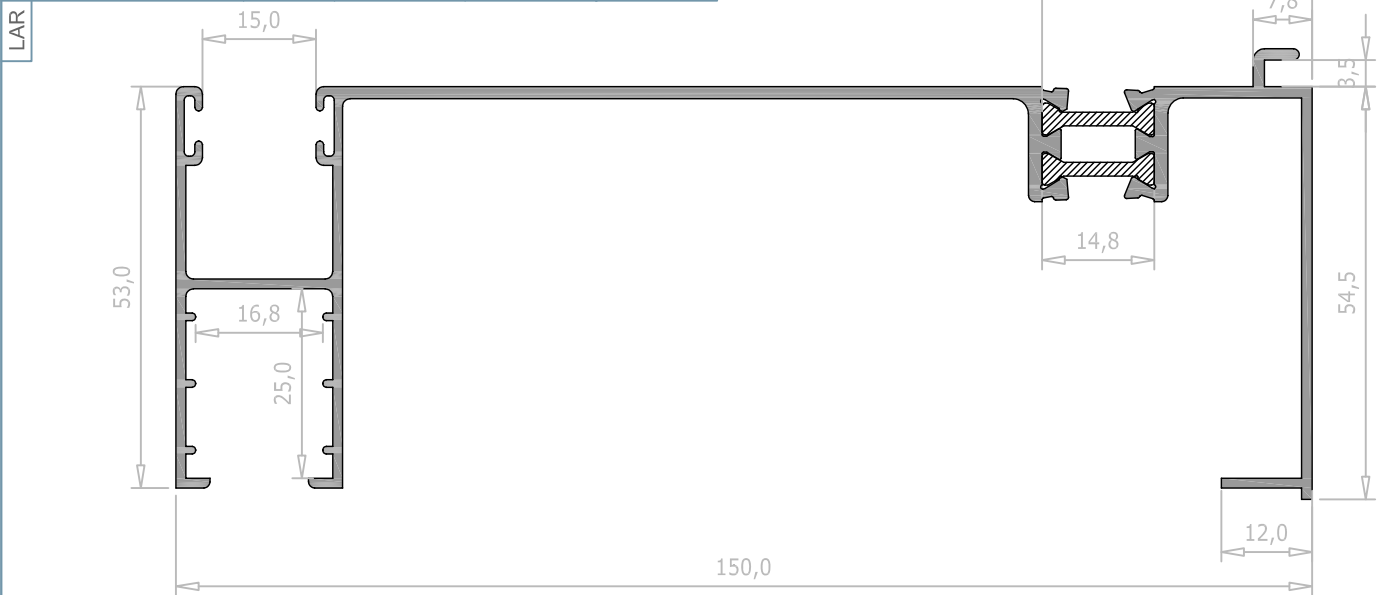


RT-9442	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 145.	1,5 mm	74,0 dm ² /m	78,4 dm ² /m	1,512 Kg/m

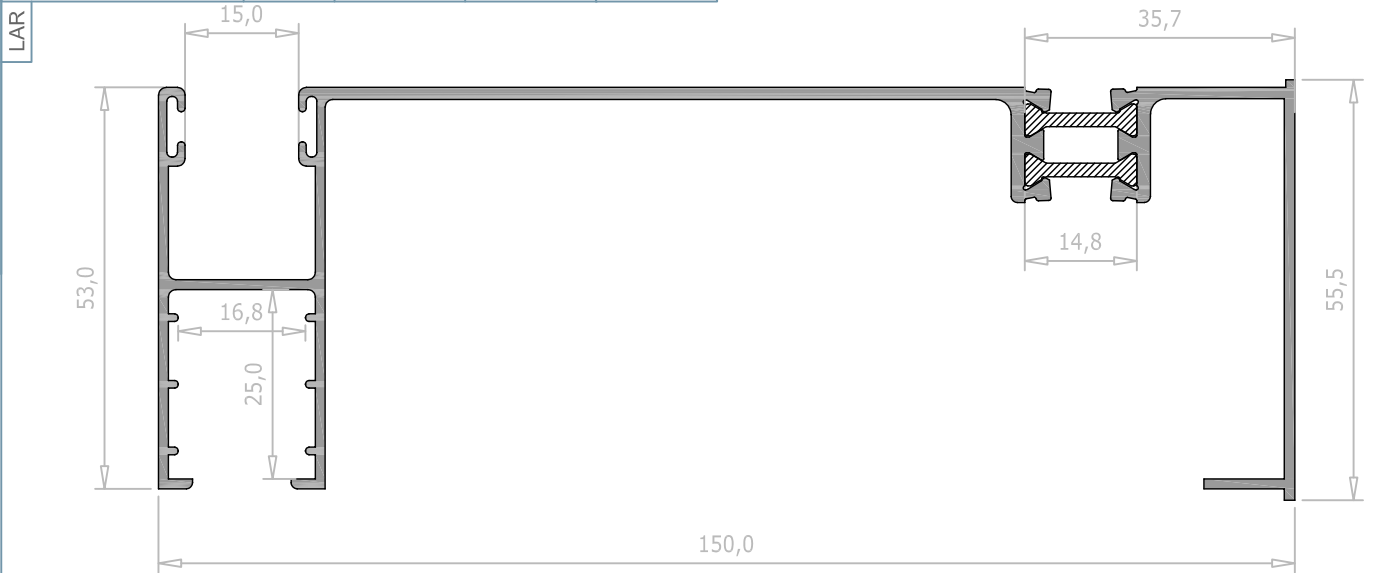
LAR



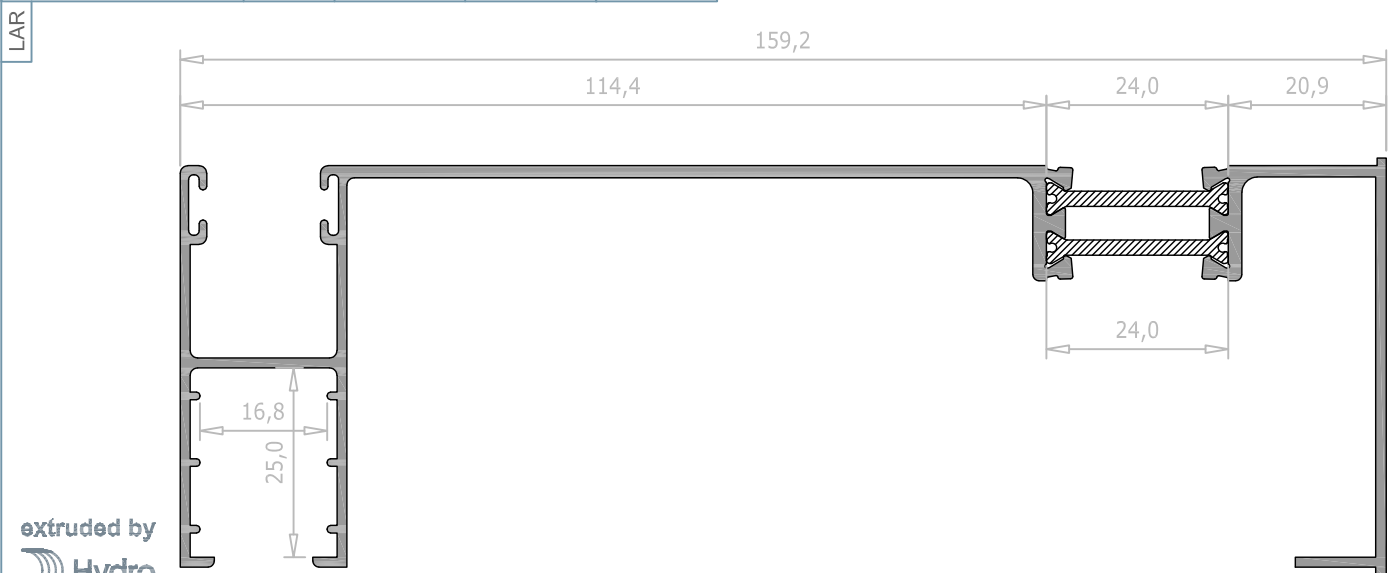
RT-9464	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 150.	1,6 mm	74,0 dm ² /m	80,3 dm ² /m	1,539 Kg/m



RT-9428	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 150.	1,6 mm	72,0 dm ² /m	78,7 dm ² /m	1,507 Kg/m

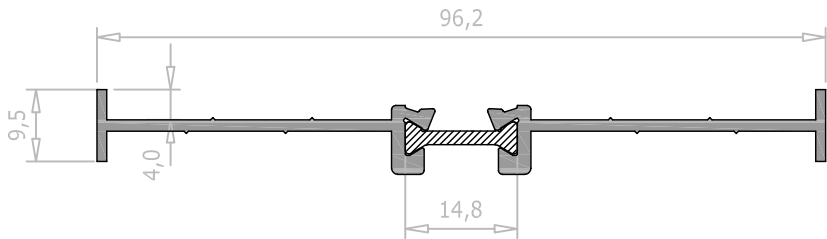


C-18967	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 160.	1,6 mm	75,4 dm ² /m	80,2 dm ² /m	1,649 Kg/m



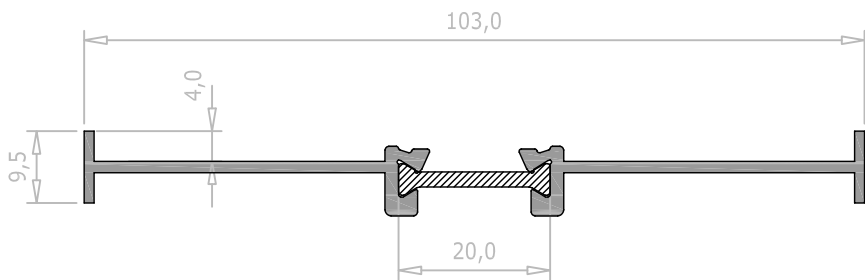
RT-9443	Espes.	Sup. Ext.	Sup. Total	Peso
Perfil de união 96,2	1,5 mm	28,5 dm ² /m	28,5 dm ² /m	0,544 Kg/m

LAR



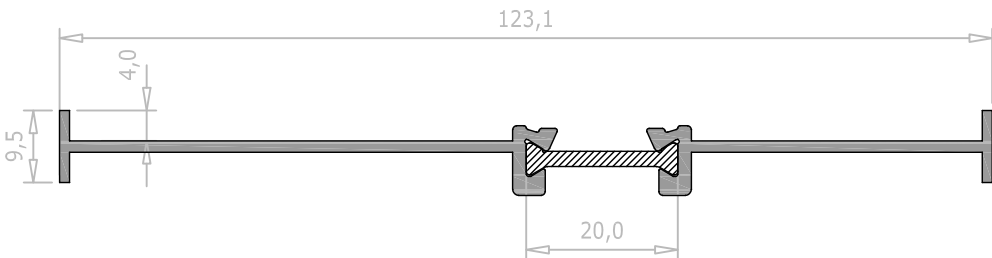
RT-9444	Espes.	Sup. Ext.	Sup. Total	Peso
Perfil de união 103	1,5 mm	29,7 dm ² /m	29,7 dm ² /m	0,550 Kg/m

LAR



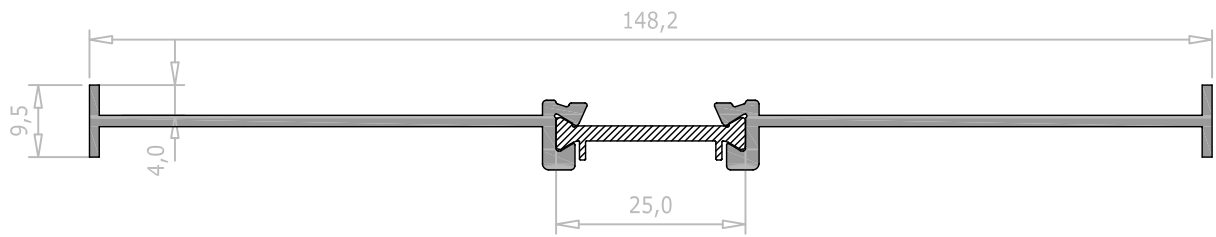
RT-9445	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 123,1.	1,5 mm	33,7 dm ² /m	33,7 dm ² /m	0,631 Kg/m

LAR



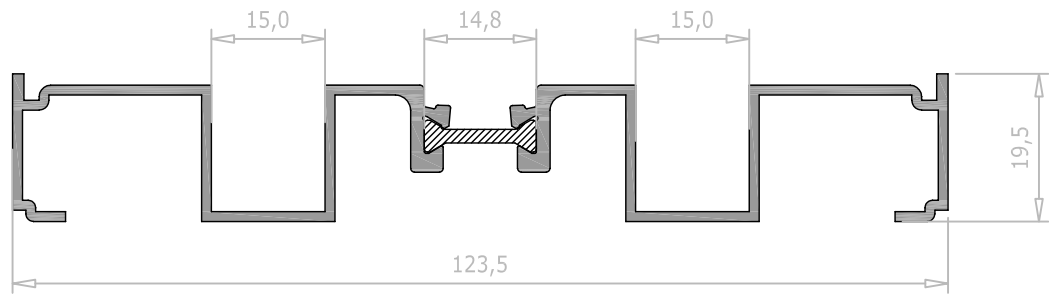
RT-9446	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 148,2.	1,5 mm	39,6 dm ² /m	39,6 dm ² /m	0,712 Kg/m

LAR



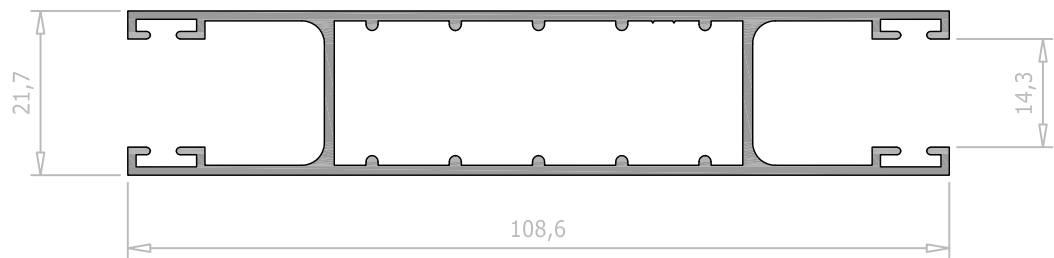
RT-9609	Espes.	Sup. Ext.	Sup. Total	Peso
Guía de persiana 123,5.	1,3 mm	54,7 dm ² /m	54,7 dm ² /m	0,980 Kg/m

LAR



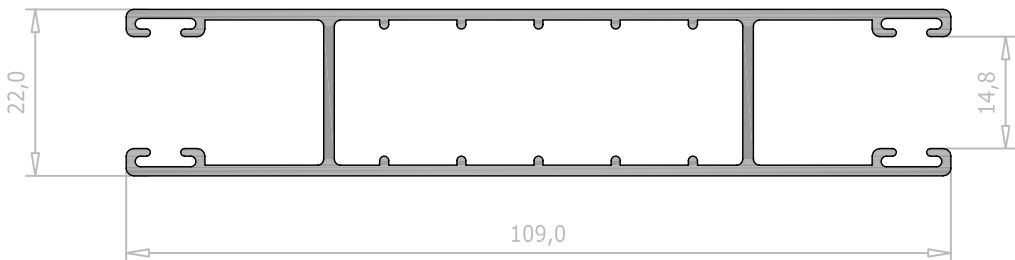
E-6248	Espes.	Sup. Ext.	Sup. Total	Peso
	1,3 mm	43,3 dm ² /m	59,9 dm ² /m	1,053 Kg/m

LAR



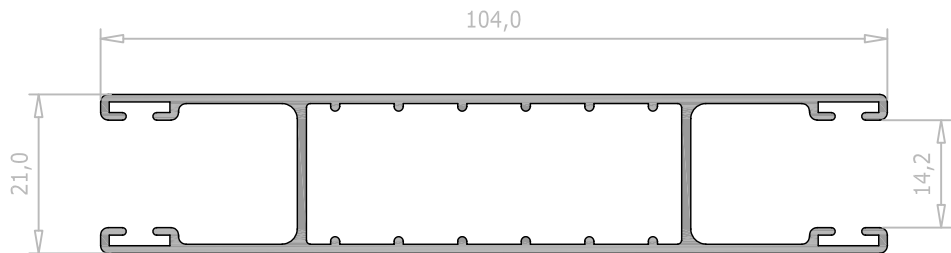
E332509	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 109.	1,4 mm	42,0 dm ² /m	58,0 dm ² /m	1,051 Kg/m

NAV



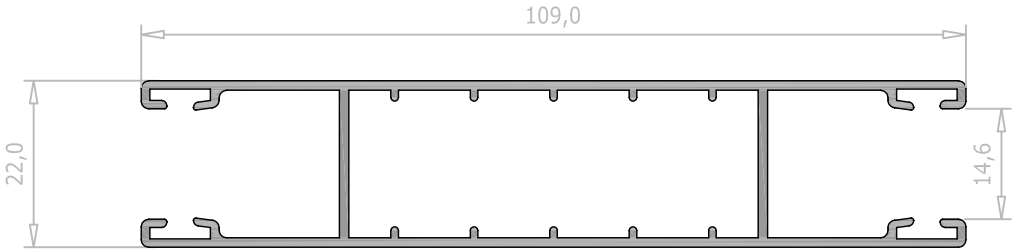
E554777	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 21.	1,2 mm	41,3 dm ² /m	56,7 dm ² /m	0,918 Kg/m

NAV



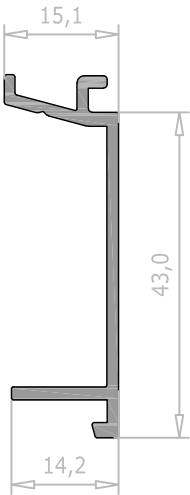
E553871	Espes.	Sup. Ext.	Sup. Total	Peso
Guia de persiana 22.	1,3 mm	43,2 dm ² /m	60,4 dm ² /m	0,994 Kg/m

NAV



2078975	Espes.	Sup. Ext.	Sup. Total	Peso
Tampa guia de persiana	1,6 mm	16,4 dm ² /m	16,4 dm ² /m	0,348 Kg/m

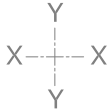
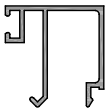
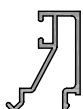
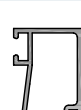
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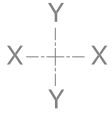
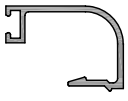
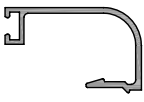
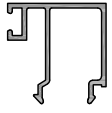
E. BITES

E.1.- LISTAGEM

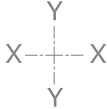
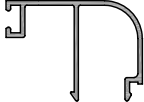
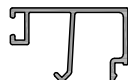
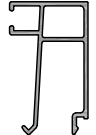
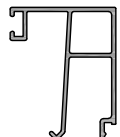
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
2058948 E-358948 Avintes/Navarra La Roca		Bite recto 26 mm.	0,314	19,4 19,4	Câmara Europeia
2058949 E-358949 Avintes La Roca		Bite recto 21 mm.	0,270	16,8 16,8	Câmara Europeia
2059847 E-359847 Avintes/Navarra La Roca		Bite recto 11 mm.	0,250	15,8 15,8	Câmara Europeia
2059848 E-359848 Avintes La Roca		Bite recto 16 mm.	0,255	15,8 15,8	Câmara Europeia
E-359849 La Roca		Bite recto 31 mm.	0,330	20,4 20,4	Câmara Europeia
E-359850 La Roca		Bite recto 36 mm.	0,346	21,4 21,4	Câmara Europeia
2060895 Navarra		Bite recto 5 mm.	0,194	12,6 12,6	Câmara Europeia
2062167 Navarra		Bite recto 18 mm.	0,260	16,3 16,3	Câmara Europeia
2064052 Avintes		Bite curvo 21 mm.	0,252	15,7 15,7	Câmara Europeia
2064053 Navarra		Bite curvo 26 mm.	0,293	18,3 18,3	Câmara Europeia
2064246 Avintes		Bite curvo 18 mm.	0,242	15,1 15,1	Câmara Europeia

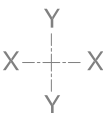
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
2064247 Navarra		Bite curvo 16 mm.	0,238	14,9 14,9	Câmara Europeia
2064248 Navarra		Bite curvo 11 mm.	0,231	14,4 14,4	Câmara Europeia
2064552 Navarra		Bite curvo 21 mm.	0,256	13,1 13,1	Câmara Europeia
2064553 Navarra		Bite curvo 26 mm.	0,276	14,1 14,1	Câmara Europeia
2064554 Navarra		Bite curvo 31 mm.	0,296	15,1 15,1	Câmara Europeia
2064555 Navarra		Bite curvo 36 mm.	0,317	16,1 16,1	Câmara Europeia
2064556 Navarra		Bite curvo 16 mm.	0,236	12,1 12,1	Câmara Europeia
2064557 Avintes		Bite curvo 11 mm.	0,215	10,8 10,8	Câmara Europeia
2064570 Navarra		Bite recto 4 mm.	0,161	7,7 7,7	Câmara Europeia
2065557 Navarra		Bite recto 26 mm.	0,311	19,5 19,5	Câmara Europeia
2066235 Navarra		Bite curvo 11 mm.	0,218	11,6 11,6	Câmara Europeia

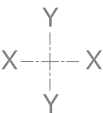
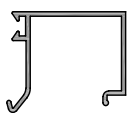
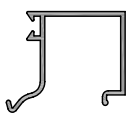
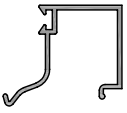
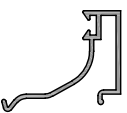
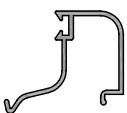
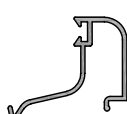
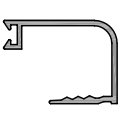
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
2066236 Navarra		Bite curvo 26 mm.	0,294	15,5 15,5	Câmara Europea
2068137 Navarra		Bite curvo 36 mm.	0,326	20,3 20,3	Câmara Europea
2070796 Avintes		Bite curvo 23 mm.	0,178	9,2 9,2	Câmara Europea
2078078 Navarra		Bite recto 2,5 mm.	0,144	5,9 5,9	Câmara Especial
2078090 Navarra		Bite recto 23 mm.	0,246	15,4 15,4	Câmara Europea
2078091 Navarra		Bite recto 31 mm.	0,286	17,9 17,9	Câmara Europea
2078095 Navarra		Bite recto 23 mm.	0,408	21,3 25,5	Câmara Europea
2078096 Navarra		Bite recto 31 mm.	0,443	23,1 27,9	Câmara Europea
E010376 Navarra		Bite recto 28 mm.	0,275	18,7 18,7	Câmara Europea
E010377 Navarra		Bite recto 25 mm.	0,262	17,7 17,7	Câmara Europea
E010378 Navarra		Bite recto 14,5 mm.	0,216	14,5 14,5	Câmara Europea

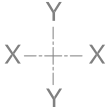
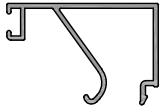
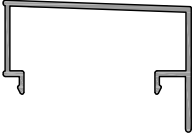
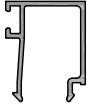
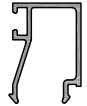
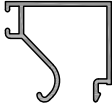
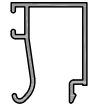
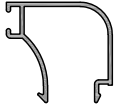
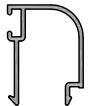
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Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
E010381 Navarra		Bite curvo 14,5 mm.	0,211	14,2 14,2	Câmara Europea
E010382 Navarra		Bite curvo 14,5 mm.	0,165	11,1 11,1	Câmara Europea
E010540 Navarra		Bite recto 19,5 mm.	0,240	16,2 16,2	Câmara Europea
E010541 Navarra		Bite curvo 19,5 mm.	0,232	15,7 15,7	Câmara Europea
E010542 Navarra		Bite curvo 19,5 mm.	0,178	12,1 12,1	Câmara Europea
E010561 Navarra		Bite recto 10,5 mm.	0,213	14,4 14,4	Câmara Europea
E011622 Navarra		Bite recto 28 mm.	0,271	18,2 18,2	Câmara Europea
E011623 Navarra		Bite recto 19,5 mm.	0,225	15,1 15,1	Câmara Europea
E011624 Navarra		Bite recto 25 mm.	0,262	17,6 17,6	Câmara Europea
E700878 Navarra		Bite recto 14 mm.	0,270	17,2 17,2	Câmara R
E700879 Navarra		Bite recto 18 mm.	0,275	17,4 17,4	Câmara R

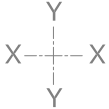
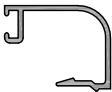
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Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
E700880 Navarra		Bite recto 30 mm.	0,291	17,8 17,8	Câmara R
E800388 Navarra		Bite recto 1,7 mm.	0,203	7,6 7,6	Câmara R
E800693 Navarra		Bite recto 26 mm.	0,289	18,6 18,6	Câmara R
E800694 Navarra		Bite recto 22 mm.	0,278	17,8 17,8	Câmara R
E900564 Navarra		Bite recto 10 mm.	0,265	17,2 17,2	Câmara R
E900604 Navarra		Bite curvo 18 mm.	0,267	17,2 17,2	Câmara R
E900606 Navarra		Bite curvo 18 mm.	0,235	13,1 13,1	Câmara R
E900628 Navarra		Bite curvo 14 mm.	0,262	17,0 17,0	Câmara R
E900629 Navarra		Bite curvo 30 mm.	0,278	15,5 15,5	Câmara R
E900631 Navarra		Bite curvo 14 mm.	0,221	12,3 12,3	Câmara R
E-15399 La Roca		Bite recto 4 mm.	0,186	10,3 10,3	Câmara Europea

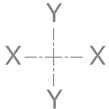
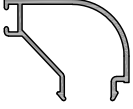
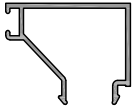
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Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
E-16584 La Roca		Bite curvo 16,5 mm.	0,200	12,0 12,0	Câmara Europeia
E-17437 La Roca		Bite recto 40 mm.	0,392	23,3 23,3	Câmara Europeia
E-54306 La Roca		Bite curvo 49,7 mm.	0,471	24,4 24,4	Câmara Especial
E-365558 La Roca		Bite recto 21 mm.	0,264	16,5 16,5	Câmara Europeia
E-365561 La Roca		Bite recto 18 mm.	0,255	15,9 15,9	Câmara Europeia
M-2003 La Roca		Bite recto 28 mm.	0,311	19,0 19,0	Câmara Europeia
M-2004 La Roca		Bite recto 20 mm.	0,251	17,0 17,0	Câmara Europeia
M-2005 La Roca		Bite recto 12 mm.	0,233	15,7 15,7	Câmara Europeia
M-2242 La Roca		Bite curvo 28 mm.	0,264	17,8 17,8	Câmara Europeia
M-2243 La Roca		Bite curvo 20 mm.	0,233	15,0 15,0	Câmara Europeia
M-2244 La Roca		Bite curvo 12 mm.	0,227	14,6 14,6	Câmara Europeia

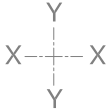
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Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
M-2384 La Roca		Bite recto 16 mm.	0,260	15,9 15,9	Câmara Europea
M-2440 La Roca		Bite curvo 16 mm.	0,229	15,0 15,0	Câmara Europea
M-2514 La Roca		Bite curvo 28 mm.	0,257	14,6 14,6	Câmara Europea
2092515 La Selva		Bite curvo 20 mm.	0,230	13,0 13,0	Câmara Europea
M-2516 La Roca		Bite curvo 16 mm.	0,217	12,2 12,2	Câmara Europea
M-2517 La Roca		Bite recto 12 mm.	0,202	11,4 11,4	Câmara Europea
M-2779 La Roca		Bite recto 26 mm.	0,304	18,6 18,6	Câmara Europea
M-2829 La Roca		Bite recto 7 mm.	0,231	14,0 14,0	Câmara Europea
M-2971 La Roca		Bite curvo 24 mm.	0,245	14,0 14,0	Câmara Europea
M-2972 La Roca		Bite curvo 24 mm.	0,252	16,0 16,0	Câmara Europea
M-3222 La Roca		Bite efeito madeira 16 mm.	0,216	12,2 12,2	Câmara Europea

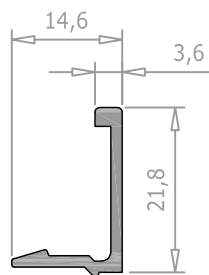
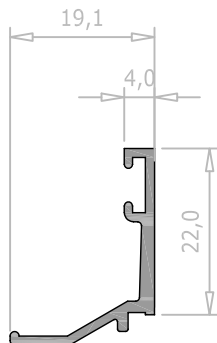
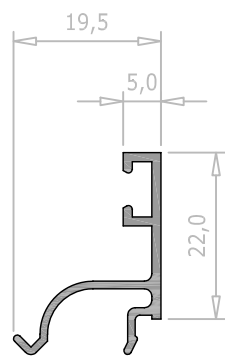
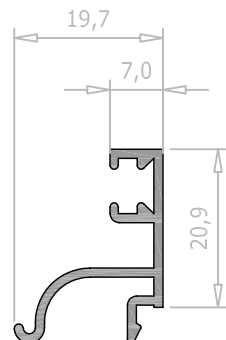
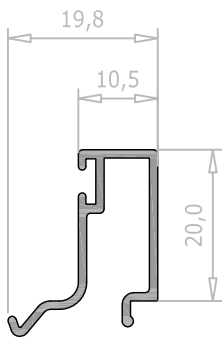
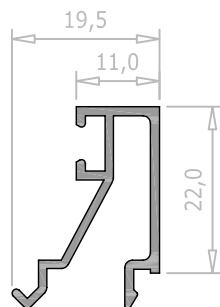
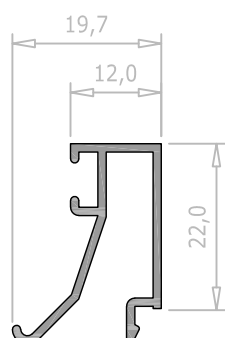
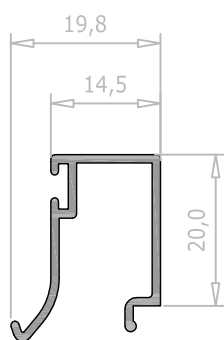
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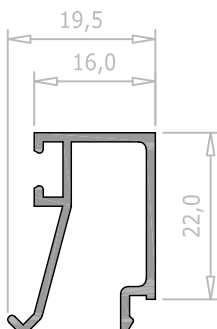
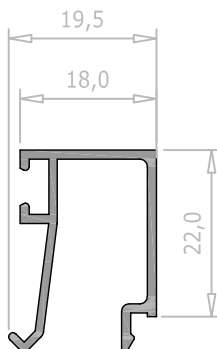
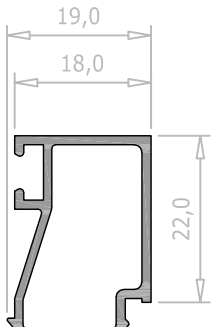
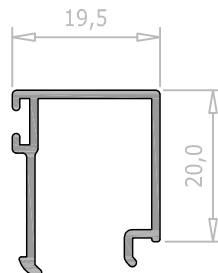
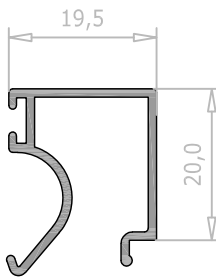
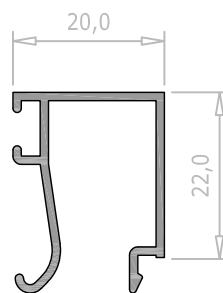
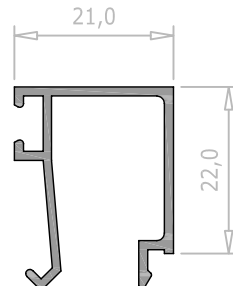
Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Tipo câmara
M-3511 La Roca		Bite curvo 16 mm.	0,246	15,0 15,0	Câmara Europeia
E334154 Navarra		Bite efeito madeira 16 mm.	0,203	11,6 11,6	Câmara Europeia
M-4155 La Roca		Bite curvo 20 mm.	0,222	12,7 12,7	Câmara Europeia
M-4214 La Roca		Bite curvo 33 mm.	0,308	18,5 18,5	Câmara Europeia
M-4215 La Roca		Bite curvo 33 mm.	0,266	15,0 15,0	Câmara Europeia
M-4323 La Roca		Bite recto 33 mm.	0,329	19,0 19,0	Câmara Europeia
M-4737 La Roca		Bite curvo 24,5 mm.	0,270	16,9 16,9	Câmara Europeia
M-4738 La Roca		Bite curvo 20,5 mm.	0,251	15,7 15,7	Câmara Europeia
M-4739 La Roca		Bite curvo 16,5 mm.	0,238	15,0 15,0	Câmara Europeia
M-4740 La Roca		Bite curvo 24,5 mm.	0,270	11,0 16,9	Câmara Europeia
M-4741 La Roca		Bite curvo 20,5 mm.	0,248	10,2 15,4	Câmara Europeia

Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Tipo cámara
				Exterior (dm ² /m)	Total (dm ² /m)	
M-4742 La Roca		Bite curvo 16,5 mm.	0,230	9,6 14,0		Cámara Europea
M-4808 La Roca		Bite recto 24 mm.	0,272	16,8 16,8		Cámara Europea

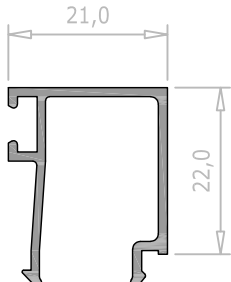
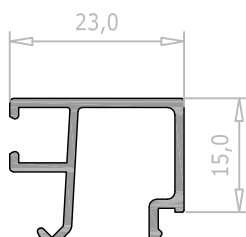
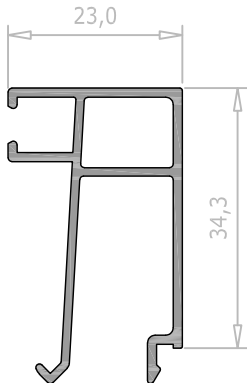
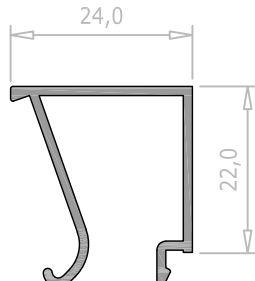
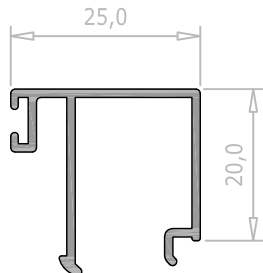
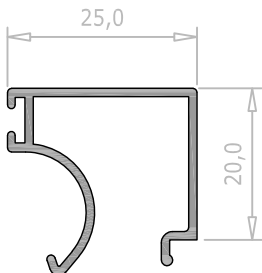
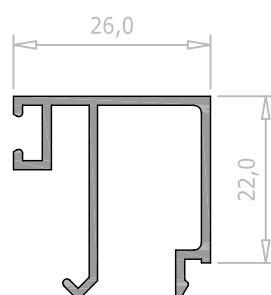
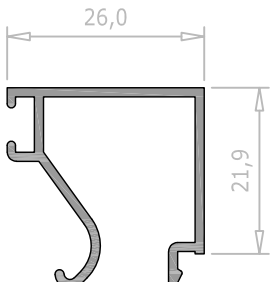
E.2.- PERFIS 1:1

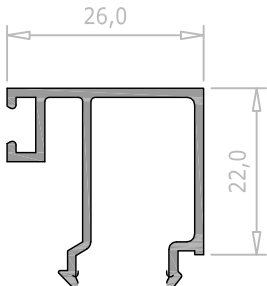
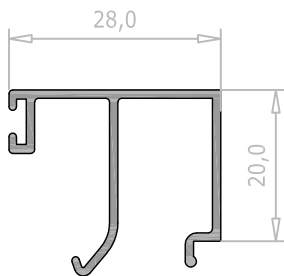
2064570					E-15399						
Bite recto 4 mm.		Espes. 1,5 mm	Sup. Ext. 7,7 dm ² /m	Sup. Total 7,7 dm ² /m	Peso 0,161 Kg/m	Bite recto 4 mm.		Espes. 1,2 mm	Sup. Ext. 10,3 dm ² /m	Sup. Total 10,3 dm ² /m	Peso 0,186 Kg/m
NAV					Cámara Europea	LAR					Cámara Europea
2060895					M-2829						
Bite recto 5 mm.		Espes. 1,2 mm	Sup. Ext. 12,6 dm ² /m	Sup. Total 12,6 dm ² /m	Peso 0,194 Kg/m	Bite recto 7 mm.		Espes. 1,2 mm	Sup. Ext. 14,0 dm ² /m	Sup. Total 14,0 dm ² /m	Peso 0,231 Kg/m
NAV					Cámara Europea	LAR					Cámara Europea
E010561					2059847						
Bite recto 10,5 mm.		Espes. 1,1 mm	Sup. Ext. 14,4 dm ² /m	Sup. Total 14,4 dm ² /m	Peso 0,213 Kg/m	Bite recto 11 mm.		Espes. 1,2 mm	Sup. Ext. 15,8 dm ² /m	Sup. Total 15,8 dm ² /m	Peso 0,250 Kg/m
NAV					Cámara Europea	E-359847					Cámara Europea
								Bite recto 11 mm.			
						AVI NAV LAR					
											
M-2005					E010378						
Bite recto 12 mm.		Espes. 1,1 mm	Sup. Ext. 15,7 dm ² /m	Sup. Total 15,7 dm ² /m	Peso 0,233 Kg/m	Bite recto 14,5 mm.		Espes. 1,1 mm	Sup. Ext. 14,5 dm ² /m	Sup. Total 14,5 dm ² /m	Peso 0,216 Kg/m
LAR					Cámara Europea	NAV					Cámara Europea
extruded by 											

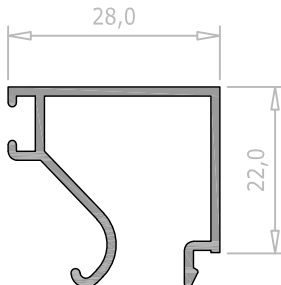
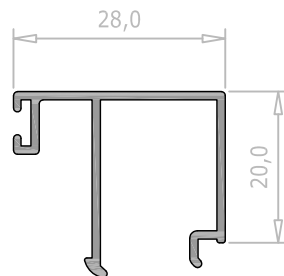
2059848					Espes.	Sup. Ext.	Sup. Total	Peso	M-2384					Espes.	Sup. Ext.	Sup. Total	Peso						
Bite recto 16 mm.					1,2 mm	15,8 dm ² /m	15,8 dm ² /m	0,255 Kg/m	Bite recto 16 mm.					1,2 mm	15,9 dm ² /m	15,9 dm ² /m	0,260 Kg/m						
E-359848					Espes.	Sup. Ext.	Sup. Total	Peso	AVI LAR  Cámara Europea										Cámara Europea				
Bite recto 16 mm.					1,2 mm	15,8 dm ² /m	15,8 dm ² /m	0,255 Kg/m															
20362167					Espes.	Sup. Ext.	Sup. Total	Peso	E-365561					Espes.	Sup. Ext.	Sup. Total	Peso						
Bite recto 18 mm.					1,2 mm	16,3 dm ² /m	16,3 dm ² /m	0,260 Kg/m	Bite recto 18 mm.					1,2 mm	15,9 dm ² /m	15,9 dm ² /m	0,255 Kg/m						
NAV  Cámara Europea					LAR  Cámara Europea																		
E011623					Espes.	Sup. Ext.	Sup. Total	Peso	E010540					Espes.	Sup. Ext.	Sup. Total	Peso						
Bite recto 19,5 mm.					1,1 mm	15,1 dm ² /m	15,1 dm ² /m	0,225 Kg/m	Bite recto 19,5 mm.					1,1 mm	16,2 dm ² /m	16,2 dm ² /m	0,240 Kg/m						
NAV  Cámara Europea					NAV  Cámara Europea																		
M-2004					Espes.	Sup. Ext.	Sup. Total	Peso	2058949					Espes.	Sup. Ext.	Sup. Total	Peso						
Bite recto 20 mm.					1,1 mm	17,0 dm ² /m	17,0 dm ² /m	0,251 Kg/m	Bite recto 21 mm.					1,2 mm	16,8 dm ² /m	16,8 dm ² /m	0,270 Kg/m						
LAR  Cámara Europea					AVI  Cámara Europea																		

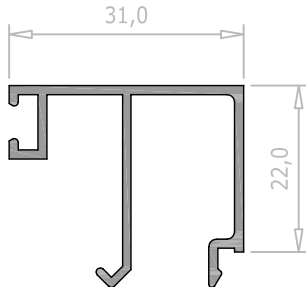
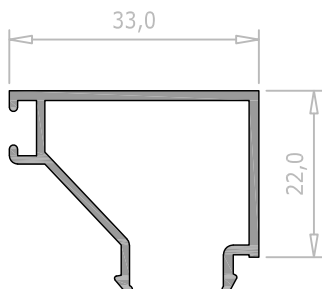
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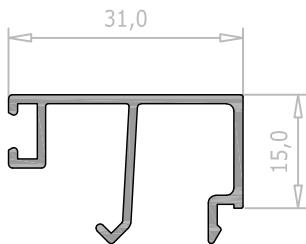
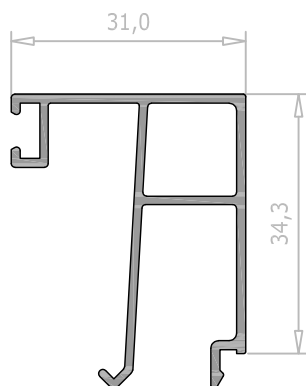


E-365558					2078090							
Bite recto 21 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite recto 23 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	
		1,2 mm	16,5 dm ² /m	16,5 dm ² /m	0,264 Kg/m			1,2 mm	15,4 dm ² /m	15,4 dm ² /m	0,246 Kg/m	
LAR					Cámara Europea	NAV					Cámara Europea	
												
2078095					M-4808							
Bite recto 23 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite recto 24 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	
		1,2 mm	21,3 dm ² /m	25,5 dm ² /m	0,408 Kg/m			1,2 mm	16,8 dm ² /m	16,8 dm ² /m	0,272 Kg/m	
NAV					Cámara Europea	LAR					Cámara Europea	
												
E011624					E010377							
Bite recto 25 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite recto 25 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	
		1,1 mm	17,6 dm ² /m	17,6 dm ² /m	0,262 Kg/m			1,1 mm	17,7 dm ² /m	17,7 dm ² /m	0,262 Kg/m	
NAV					Cámara Europea	NAV					Cámara Europea	
												
2058948					M-2779							
Bite recto 26 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite recto 26 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	
		1,2 mm	19,4 dm ² /m	19,4 dm ² /m	0,314 Kg/m			1,2 mm	18,6 dm ² /m	18,6 dm ² /m	0,304 Kg/m	
E-358948										Cámara Europea		
Bite recto 26 mm.		Espes.	Sup. Ext.	Sup. Total	Peso							
		1,2 mm	19,4 dm ² /m	19,4 dm ² /m	0,314 Kg/m							
AVI	NAV	LAR			Cámara Europea	LAR						
												
extruded by 												

2065557					Espes.	Sup. Ext.	Sup. Total	Peso	E010376					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 26 mm.					1,2 mm	19,5 dm ² /m	19,5 dm ² /m	0,311 Kg/m	Bite recto 28 mm.					1,1 mm	18,7 dm ² /m	18,7 dm ² /m	0,275 Kg/m		
NAV					Cámara Europea					NAV					Cámara Europea				
																			

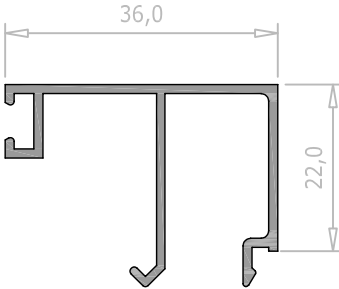
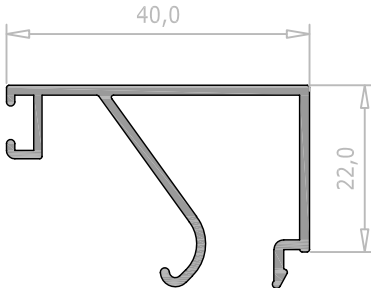
M-2003					Espes.	Sup. Ext.	Sup. Total	Peso	E011622					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 28 mm.					1,2 mm	19,0 dm ² /m	19,0 dm ² /m	0,311 Kg/m	Bite recto 28 mm.					1,2 mm	18,2 dm ² /m	18,2 dm ² /m	0,271 Kg/m		
LAR					Cámara Europea					NAV					Cámara Europea				
																			

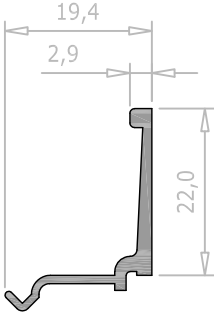
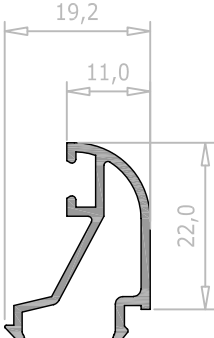
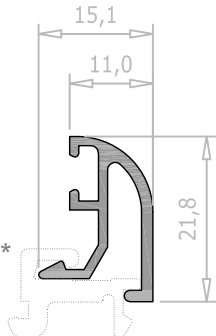
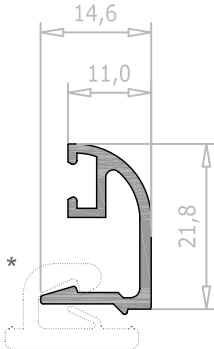
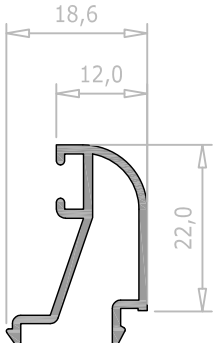
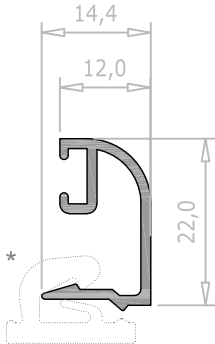
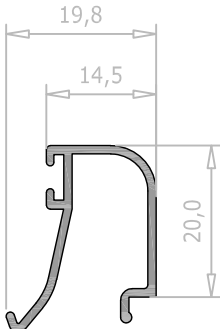
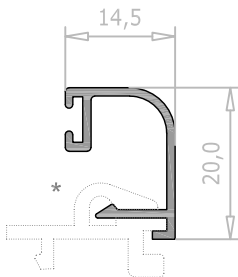
2059849					Espes.	Sup. Ext.	Sup. Total	Peso	M-4323					Espes.	Sup. Ext.	Sup. Total	Peso	
Bite recto 31 mm.					1,2 mm	20,4 dm ² /m	20,4 dm ² /m	0,330 Kg/m	Bite recto 33 mm.					1,2 mm	19,0 dm ² /m	19,0 dm ² /m	0,329 Kg/m	
E-359849					Espes.	Sup. Ext.	Sup. Total	Peso	LAR					Cámara Europea				
Bite recto 31 mm.					1,2 mm	20,4 dm ² /m	20,4 dm ² /m	0,330 Kg/m	AVI					Cámara Europea				
																		

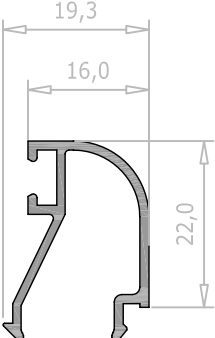
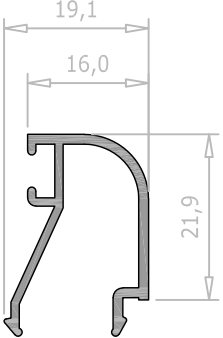
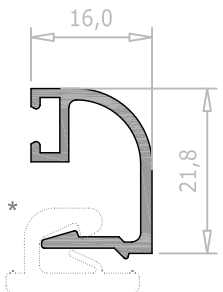
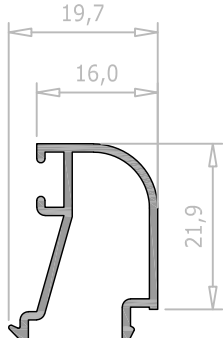
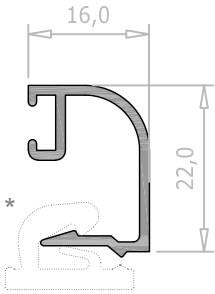
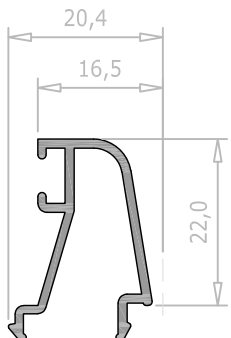
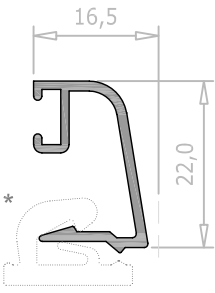
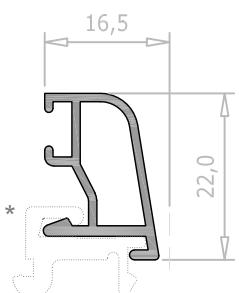
2078091					Espes.	Sup. Ext.	Sup. Total	Peso	2078096					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 31 mm.					1,2 mm	17,9 dm ² /m	17,9 dm ² /m	0,286 Kg/m	Bite recto 31 mm.					1,2 mm	23,1 dm ² /m	27,9 dm ² /m	0,443 Kg/m		
NAV					Cámara Europea					NAV					Cámara Europea				
																			

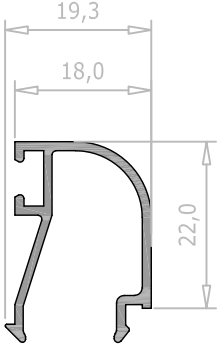
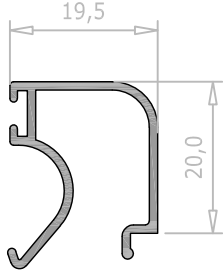
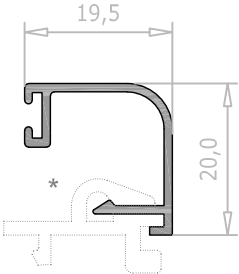
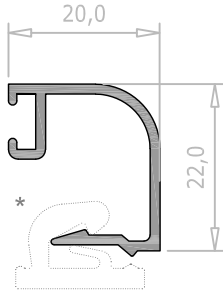
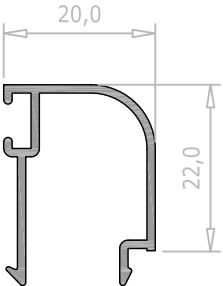
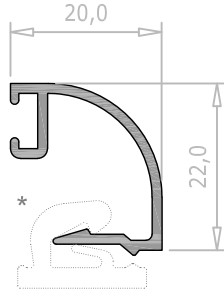
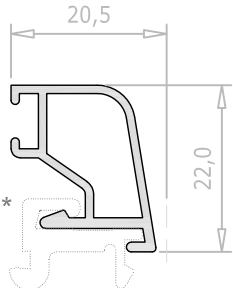
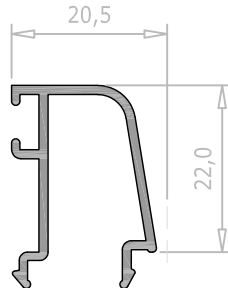
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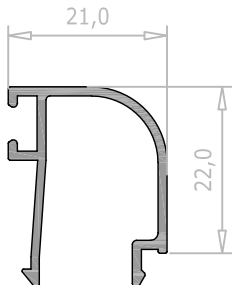
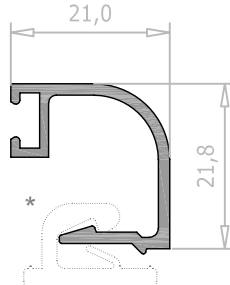
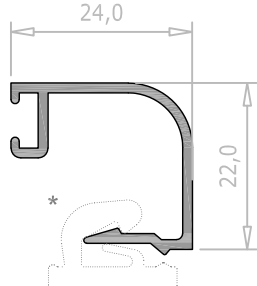
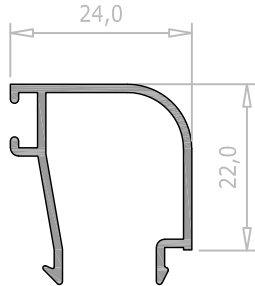
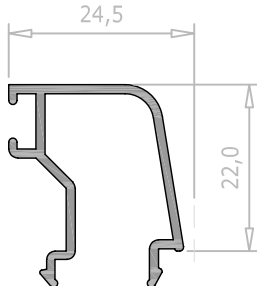
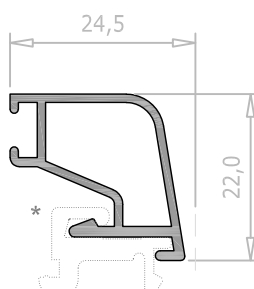
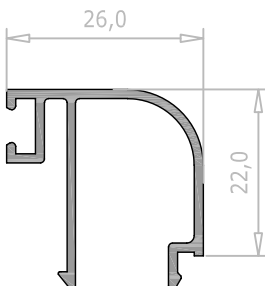
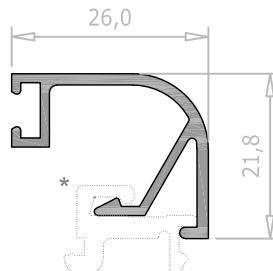
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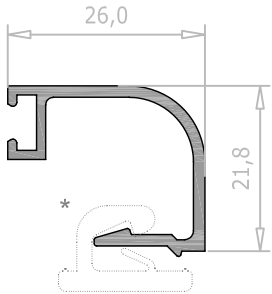
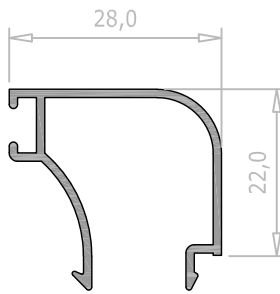
E-359850					E-17437				
Bite recto 36 mm.	Espes. 1,2 mm	Sup. Ext. 21,4 dm ² /m	Sup. Total 21,4 dm ² /m	Peso 0,346 Kg/m	Bite recto 40 mm.	Espes. 1,3 mm	Sup. Ext. 23,3 dm ² /m	Sup. Total 23,3 dm ² /m	Peso 0,392 Kg/m
LAR	Cámara Europea				LAR	Cámara Europea			
									

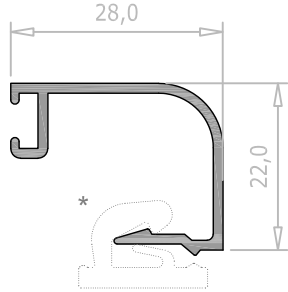
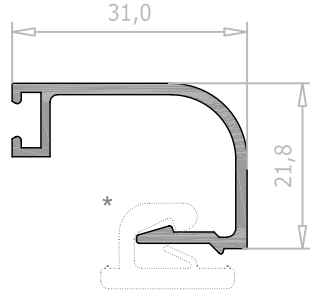
2070796				Espes.	Sup. Ext.	Sup. Total	Peso	2064248				Espes.	Sup. Ext.	Sup. Total	Peso
Bite recto 3 mm.				1,0 mm	9,2 dm ² /m	9,2 dm ² /m	0,178 Kg/m	Bite curvo 11 mm.				1,2 mm	14,4 dm ² /m	14,4 dm ² /m	0,231 Kg/m
AVI				Cámara Europea				NAV				Cámara Europea			
															
2066235				Espes.	Sup. Ext.	Sup. Total	Peso	2064557				Espes.	Sup. Ext.	Sup. Total	Peso
Bite curvo 11 mm.				1,5 mm	11,6 dm ² /m	11,6 dm ² /m	0,218 Kg/m	Bite curvo 11 mm.				1,5 mm	10,8 dm ² /m	10,8 dm ² /m	0,215 Kg/m
NAV				Cámara Europea				AVI				Cámara Europea			
															
* GR-2								* 8601							
M-2244				Espes.	Sup. Ext.	Sup. Total	Peso	M-2517				Espes.	Sup. Ext.	Sup. Total	Peso
Bite curvo 12 mm.				1,1 mm	14,6 dm ² /m	14,6 dm ² /m	0,227 Kg/m	Bite curvo 12 mm.				1,3 mm	11,4 dm ² /m	11,4 dm ² /m	0,202 Kg/m
LAR				Cámara Europea				LAR				Cámara Europea			
															
								* GR-1							
E010381				Espes.	Sup. Ext.	Sup. Total	Peso	E010382				Espes.	Sup. Ext.	Sup. Total	Peso
Bite curvo 14,5 mm.				1,1 mm	14,2 dm ² /m	14,2 dm ² /m	0,211 Kg/m	Bite curvo 14,5 mm.				1,1 mm	11,1 dm ² /m	11,1 dm ² /m	0,165 Kg/m
NAV				Cámara Europea				NAV				Cámara Europea			
															
extruded by 								* 404.033.55							

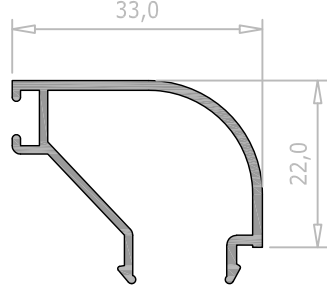
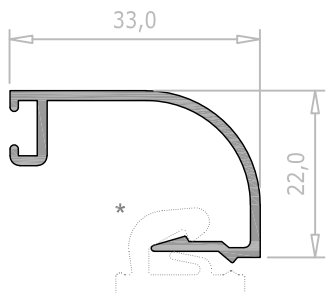
2064247					M-3511				
Bite curvo 16 mm.					Bite curvo 16 mm.				
NAV	Espes.	Sup. Ext.	Sup. Total	Peso	LAR	Espes.	Sup. Ext.	Sup. Total	Peso
	1,2 mm	14,9 dm ² /m	14,9 dm ² /m	0,238 Kg/m		1,3 mm	15,0 dm ² /m	15,0 dm ² /m	0,246 Kg/m
									
Cámara Europea					Cámara Europea				
					* 8601				
2064556					M-2440				
Bite curvo 16 mm.					Bite curvo 16 mm.				
NAV	Espes.	Sup. Ext.	Sup. Total	Peso	LAR	Espes.	Sup. Ext.	Sup. Total	Peso
	1,5 mm	12,1 dm ² /m	12,1 dm ² /m	0,236 Kg/m		1,1 mm	15,0 dm ² /m	15,0 dm ² /m	0,229 Kg/m
									
Cámara Europea					Cámara Europea				
* 8601									
M-2516					M-4739				
Bite curvo 16 mm.					Bite curvo 16,5 mm.				
LAR	Espes.	Sup. Ext.	Sup. Total	Peso	LAR	Espes.	Sup. Ext.	Sup. Total	Peso
	1,3 mm	12,2 dm ² /m	12,2 dm ² /m	0,217 Kg/m		1,2 mm	15,0 dm ² /m	15,0 dm ² /m	0,238 Kg/m
									
Cámara Europea					Cámara Europea				
* GR-1									
E-16584					M-4742				
Bite curvo 16,5 mm.					Bite curvo 16,5 mm.				
LAR	Espes.	Sup. Ext.	Sup. Total	Peso	LAR	Espes.	Sup. Ext.	Sup. Total	Peso
	1,3 mm	12,0 dm ² /m	12,0 dm ² /m	0,200 Kg/m		1,2 mm	9,6 dm ² /m	14,0 dm ² /m	0,230 Kg/m
									
Cámara Europea					Cámara Europea				
* GR-1					* GR-2				
									

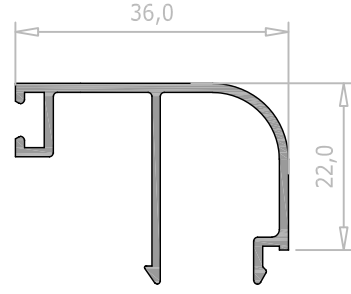
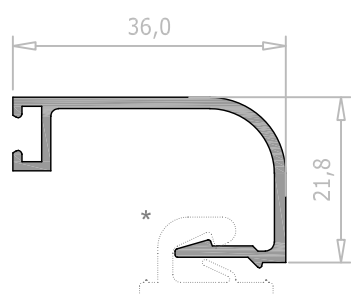
2064246					E010541				
Bite curvo 18 mm.	Espes. 1,2 mm	Sup. Ext. 15,1 dm ² /m	Sup. Total 15,1 dm ² /m	Peso 0,242 Kg/m	Bite curvo 19,5 mm.	Espes. 1,1 mm	Sup. Ext. 15,7 dm ² /m	Sup. Total 15,7 dm ² /m	Peso 0,232 Kg/m
AVI 					NAV 				
Cámara Europea					Cámara Europea				
E010542					2092515				
Bite curvo 19,5 mm.	Espes. 1,1 mm	Sup. Ext. 12,1 dm ² /m	Sup. Total 12,1 dm ² /m	Peso 0,178 Kg/m	Bite curvo 20 mm.	Espes. 1,3 mm	Sup. Ext. 13,0 dm ² /m	Sup. Total 13,0 dm ² /m	Peso 0,230 Kg/m
NAV 					LAS 				
* 404.033.55					* GR-1				
M-2243					M-4155				
Bite curvo 20 mm.	Espes. 1,2 mm	Sup. Ext. 15,0 dm ² /m	Sup. Total 15,0 dm ² /m	Peso 0,233 Kg/m	Bite curvo 20 mm.	Espes. 1,3 mm	Sup. Ext. 12,7 dm ² /m	Sup. Total 12,7 dm ² /m	Peso 0,222 Kg/m
LAR 					LAR 				
					* GR-1				
M-4741					M-4738				
Bite curvo 20,5 mm.	Espes. 1,2 mm	Sup. Ext. 10,2 dm ² /m	Sup. Total 15,4 dm ² /m	Peso 0,248 Kg/m	Bite curvo 20,5 mm.	Espes. 1,2 mm	Sup. Ext. 15,7 dm ² /m	Sup. Total 15,7 dm ² /m	Peso 0,251 Kg/m
LAR 					LAR 				
extruded by 									
* GR-2									

2064052					Espes.	Sup. Ext.	Sup. Total	Peso	2064552					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite curvo 21 mm.					1,2 mm	15,7 dm ² /m	15,7 dm ² /m	0,252 Kg/m	Bite curvo 21 mm.					1,5 mm	13,1 dm ² /m	13,1 dm ² /m	0,256 Kg/m		
AVI									Cámara Europea	NAV									Cámara Europea
																			
									* 8601										
M-2971					Espes.	Sup. Ext.	Sup. Total	Peso	M-2972					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite curvo 24 mm.					1,3 mm	14,0 dm ² /m	14,0 dm ² /m	0,245 Kg/m	Bite curvo 24 mm.					1,2 mm	16,0 dm ² /m	16,0 dm ² /m	0,252 Kg/m		
LAR									Cámara Europea	LAR									Cámara Europea
																			
									* GR-1										
M-4737					Espes.	Sup. Ext.	Sup. Total	Peso	M-4740					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite curvo 24,5 mm.					1,2 mm	16,9 dm ² /m	16,9 dm ² /m	0,270 Kg/m	Bite curvo 24,5 mm.					1,2 mm	11,0 dm ² /m	16,9 dm ² /m	0,270 Kg/m		
LAR									Cámara Europea	LAR									Cámara Europea
																			
									* GR-2										
2064053					Espes.	Sup. Ext.	Sup. Total	Peso	2066236					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite curvo 26 mm.					1,2 mm	18,3 dm ² /m	18,3 dm ² /m	0,293 Kg/m	Bite curvo 26 mm.					1,5 mm	15,5 dm ² /m	15,5 dm ² /m	0,294 Kg/m		
NAV									Cámara Europea	NAV									Cámara Europea
																			
									* GR-2										
extruded by 																			

2064553					M-2242				
Bite curvo 26 mm.		Espes. 1,5 mm	Sup. Ext. 14,1 dm ² /m	Sup. Total 14,1 dm ² /m	Bite curvo 28 mm.		Espes. 1,2 mm	Sup. Ext. 17,8 dm ² /m	Sup. Total 17,8 dm ² /m
NAV					LAR				
									
* 8601									

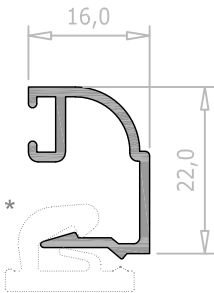
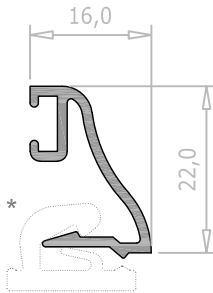
M-2514					2064554				
Bite curvo 28 mm.		Espes. 1,3 mm	Sup. Ext. 14,6 dm ² /m	Sup. Total 14,6 dm ² /m	Bite curvo 31 mm.		Espes. 1,5 mm	Sup. Ext. 15,1 dm ² /m	Sup. Total 15,1 dm ² /m
LAR					NAV				
									
* GR-1					* 8601				

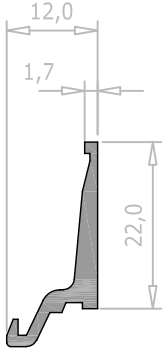
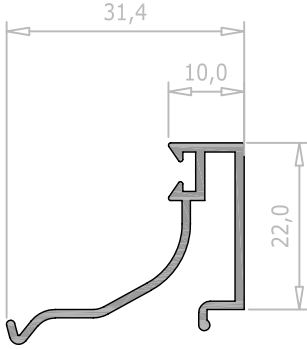
M-4214					M-4215				
Bite curvo 33 mm.		Espes. 1,2 mm	Sup. Ext. 18,5 dm ² /m	Sup. Total 18,5 dm ² /m	Bite curvo 33 mm.		Espes. 1,2 mm	Sup. Ext. 15,0 dm ² /m	Sup. Total 15,0 dm ² /m
LAR					LAR				
									
					* GR-1				

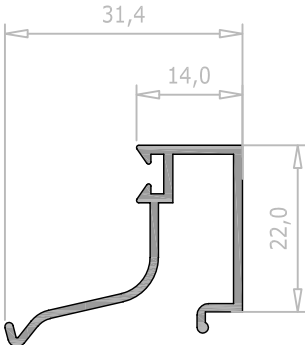
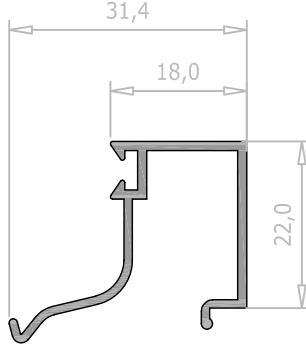
2068137					2064555				
Bite curvo 36 mm.		Espes. 1,2 mm	Sup. Ext. 20,3 dm ² /m	Sup. Total 20,3 dm ² /m	Bite curvo 36 mm.		Espes. 1,5 mm	Sup. Ext. 16,1 dm ² /m	Sup. Total 16,1 dm ² /m
NAV					NAV				
									
					* 8601				

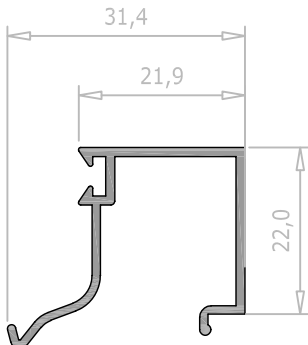
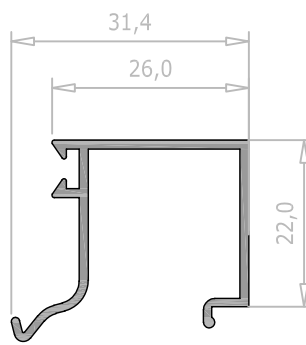
extruded by

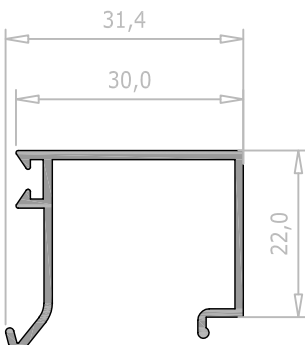
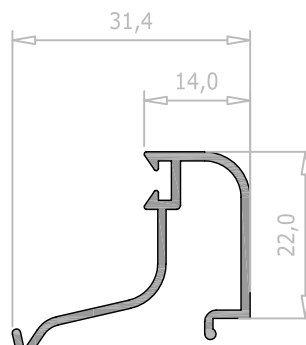


M-3222					E334154				
Bite efei. mad. 16 mm.	Espes.	Sup. Ext.	Sup. Total	Peso	Bite efei. mad. 16 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
Bite efei. mad. 16 mm.	1,3 mm	12,2 dm ² /m	12,2 dm ² /m	0,216 Kg/m	Bite efei. mad. 16 mm.	1,3 mm	11,6 dm ² /m	11,6 dm ² /m	0,203 Kg/m
LAR				Cámara Europea	NAV				Cámara Europea
									
					* GR-1				

E800388					Espes.	Sup. Ext.	Sup. Total	Peso	E900564					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 1,7 mm.					1,5 mm	7,6 dm ² /m	7,6 dm ² /m	0,203 Kg/m	Bite recto 10 mm.					1,2 mm	17,2 dm ² /m	17,2 dm ² /m	0,265 Kg/m		
NAV									Cámara R	NAV									Cámara R
																			

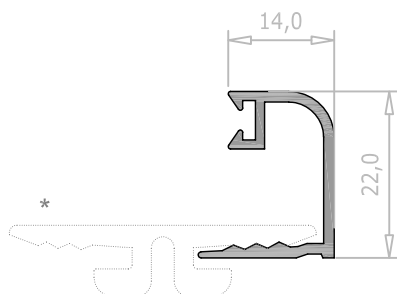
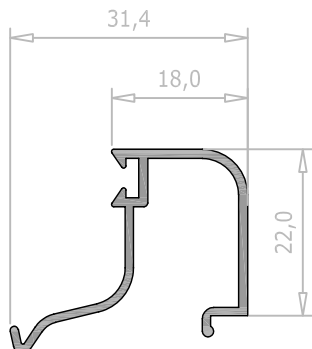
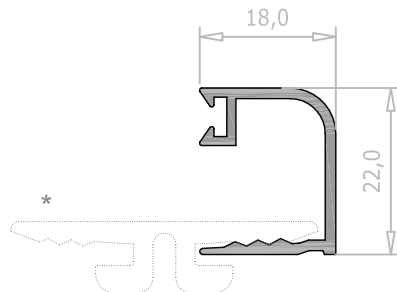
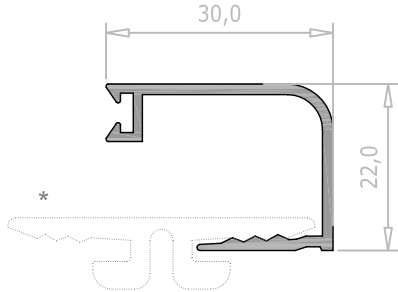
E700878					Espes.	Sup. Ext.	Sup. Total	Peso	E700879					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 14 mm.					1,2 mm	17,2 dm ² /m	17,2 dm ² /m	0,270 Kg/m	Bite recto 18 mm.					1,2 mm	17,4 dm ² /m	17,4 dm ² /m	0,275 Kg/m		
NAV									Cámara R	NAV									Cámara R
																			

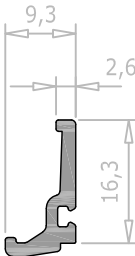
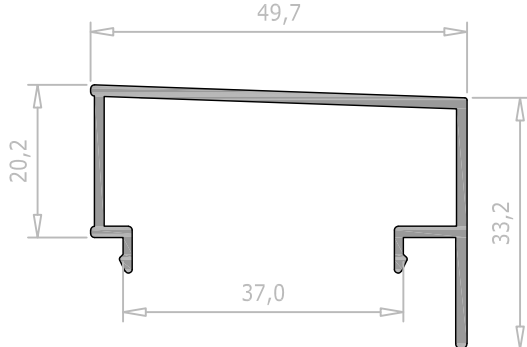
E800694					Espes.	Sup. Ext.	Sup. Total	Peso	E800693					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 22 mm.					1,2 mm	17,8 dm ² /m	17,8 dm ² /m	0,278 Kg/m	Bite recto 26 mm.					1,2 mm	18,6 dm ² /m	18,6 dm ² /m	0,289 Kg/m		
NAV									Cámara R	NAV									Cámara R
																			

E700880					Espes.	Sup. Ext.	Sup. Total	Peso	E900628					Espes.	Sup. Ext.	Sup. Total	Peso		
Bite recto 30 mm.					1,2 mm	17,8 dm ² /m	17,8 dm ² /m	0,291 Kg/m	Bite curvo 14 mm.					1,2 mm	17,0 dm ² /m	17,0 dm ² /m	0,262 Kg/m		
NAV									Cámara R	NAV									Cámara R
																			

extruded by



E900631					E900604						
Bite curvo 14 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite curvo 18 mm.		Espes.	Sup. Ext.	Sup. Total	Peso
		1,4 mm	12,3 dm ² /m	12,3 dm ² /m	0,221 Kg/m			1,2 mm	17,2 dm ² /m	17,2 dm ² /m	0,267 Kg/m
NAV					Cámara R	NAV					Cámara R
											
* 403.330.55											
E900606					E900629						
Bite curvo 18 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Bite curvo 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso
		1,4 mm	13,1 dm ² /m	13,1 dm ² /m	0,235 Kg/m			1,4 mm	15,5 dm ² /m	15,5 dm ² /m	0,278 Kg/m
NAV					Cámara R	NAV					Cámara R
											
* 403.330.55					* 403.330.55						

2078078					E-54306				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Bite recto 2,5 mm.	- mm	5,9 dm ² /m	5,9 dm ² /m	0,144 Kg/m	Bite recto 49,7 mm.	1,5 mm	24,4 dm ² /m	24,4 dm ² /m	0,471 Kg/m
NAV				Cámara Especial	LAR				Cámara Especial

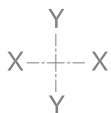
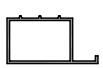
extruded by

 Hydro

F. PRE-AROS

F.1.- LISTAGEM

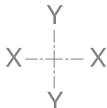
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2071563		Pre-aro de 136	0,783	38,2 46,2	Navarra
E115182		Pre-aro de 111,5	0,710	28,6 39,2	Navarra
E552332		Pre-aro de 50	0,437	14,0 24,7	Navarra
E553097		Pre-aro de 65	0,570	17,3 28,0	Navarra
E553371		Pre-aro de 180	1,231	46,9 57,2	Navarra
E556521		Pre-aro de 36	0,269	11,6 19,6	Navarra
E556588		Pre-aro de 121	0,829	30,8 42,5	Navarra
E-15183		Pre-aro de 121,1	0,743	33,3 41,5	La Roca
E-15188		Pre-aro de 161,3	0,894	40,7 48,8	La Roca
E115303		Pre-aro de 143,3	0,788	37,0 45,1	Navarra
E-15420		Pre-aro de 70	0,473	28,4 28,4	La Roca

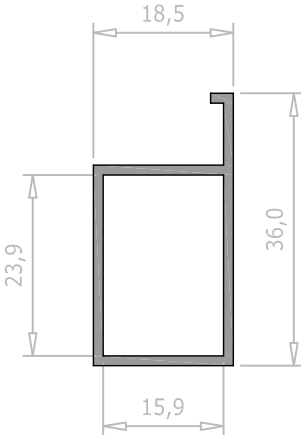
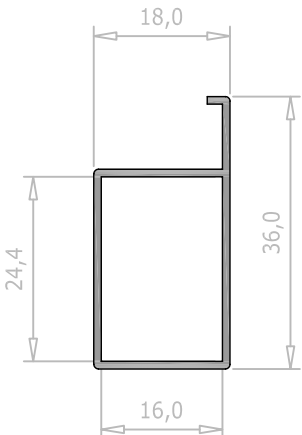
Listagem

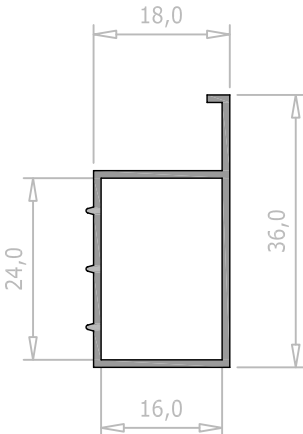
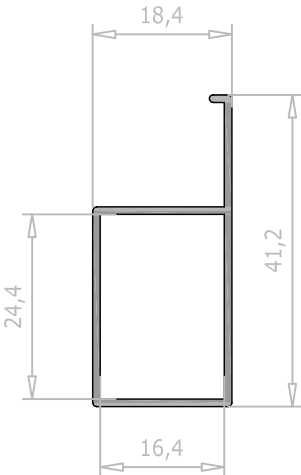
Perfil	Secção Y X—X Y	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
E-15421		Pre-aro de 60	0,440	26,4 26,4	La Roca
E-357598		Pre-aro de 36	0,337	11,2 19,2	La Roca
E-371493		Pre-aro de 41	0,276	12,2 20,4	La Roca
E-371939		Pre-aro de 55	0,473	15,1 26,8	La Roca
E-556007		Pre-aro de 70,8	0,543	22,4 33,5	La Roca
M-1691		Pre-aro de 66	0,590	16,8 31,0	La Roca
M-3554		Pre-aro de 36	0,259	11,1 19,2	La Roca
M-3555		Pre-aro de 50	0,336	13,9 24,8	La Roca
M-3947		Pre-aro de 118,5	0,620	28,7 36,8	La Roca
M-4045		Pre-aro de 100	0,563	25,5 33,5	La Roca
M-5003		Pre-aro de 138,5	0,704	32,7 40,8	La Roca

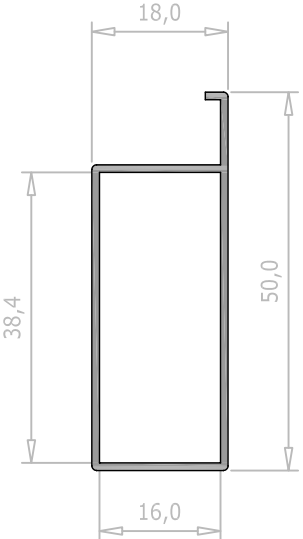
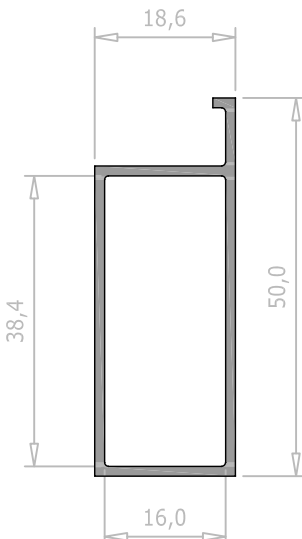
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-5409		Pre-aro de 120	0,635	29,6	37,7	La Roca

F.2.- PERFIS 1:1

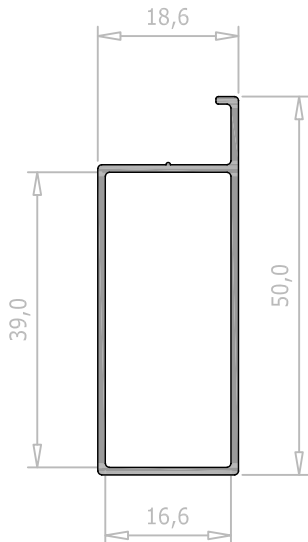
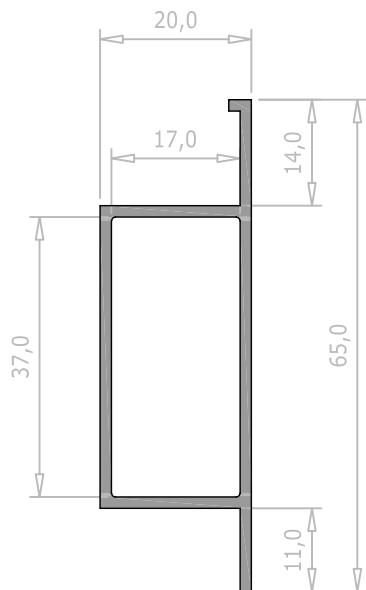
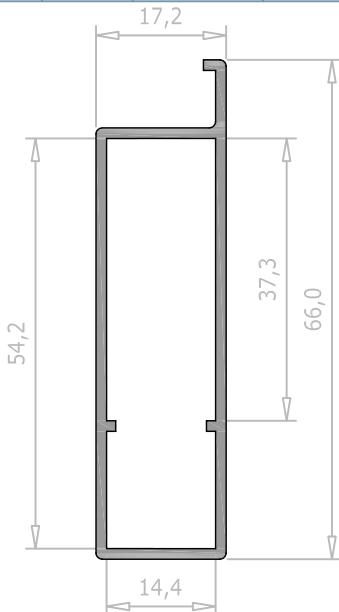
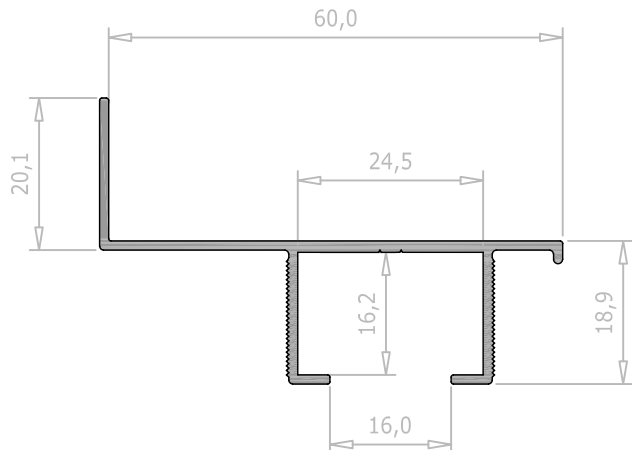
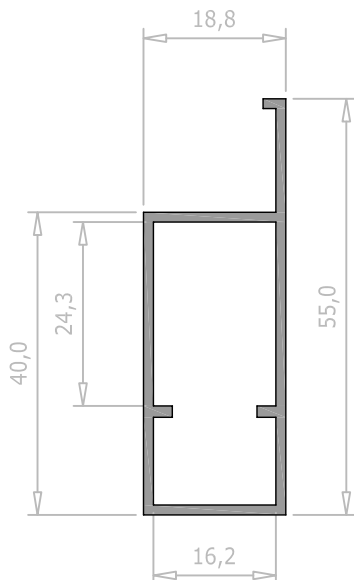
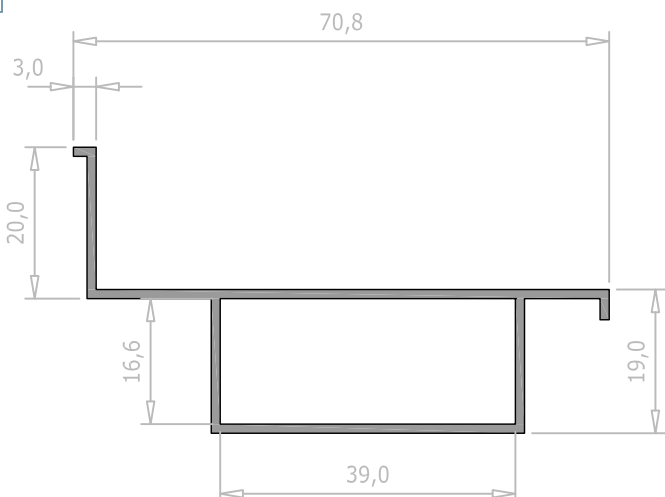
E-357598					M-3554				
Pre-aro de 36	Espes.	Sup. Ext.	Sup. Total	Peso	Pre-aro de 36	Espes.	Sup. Ext.	Sup. Total	Peso
1,3 mm		11,2 dm ² /m	19,2 dm ² /m	0,337 Kg/m	1,0 mm		11,1 dm ² /m	19,2 dm ² /m	0,259 Kg/m
LAR					LAR				
									

E556521					E-371493				
Pre-aro de 36	Espes.	Sup. Ext.	Sup. Total	Peso	Pre-aro de 41	Espes.	Sup. Ext.	Sup. Total	Peso
1,0 mm		11,6 dm ² /m	19,6 dm ² /m	0,269 Kg/m	1,0 mm		12,2 dm ² /m	20,4 dm ² /m	0,276 Kg/m
NAV					LAR				
									

M-3555					552332				
Pre-aro de 50	Espes.	Sup. Ext.	Sup. Total	Peso	Pre-aro de 50	Espes.	Sup. Ext.	Sup. Total	Peso
1,0 mm		13,9 dm ² /m	24,8 dm ² /m	0,336 Kg/m	1,3 mm		14,0 dm ² /m	24,7 dm ² /m	0,437 Kg/m
LAR					NAV				
									

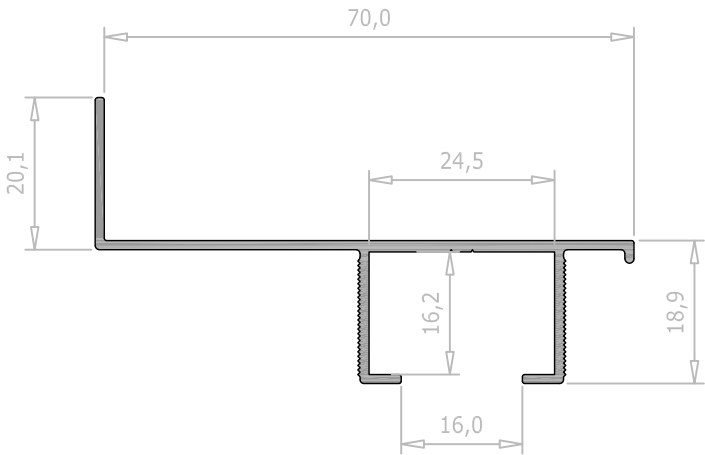
extruded by

 **Hydro**

554131		Espes.	Sup. Ext.	Sup. Total	Peso	E553097		Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 50		1,0 mm	14,0 dm ² /m	25,0 dm ² /m	0,343 Kg/m	Pre-aro de 65		1,5 mm	17,3 dm ² /m	28,0 dm ² /m	0,570 Kg/m
NAV						NAV					
											
M-1691		Espes.	Sup. Ext.	Sup. Total	Peso	E-15421		Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 66		1,4 mm	16,8 dm ² /m	31,0 dm ² /m	0,590 Kg/m	Pre-aro de 60		1,2 mm	26,4 dm ² /m	26,4 dm ² /m	0,440 Kg/m
LAR						LAR					
											
E-371939		Espes.	Sup. Ext.	Sup. Total	Peso	E-556007		Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 55		1,3 mm	15,1 dm ² /m	26,8 dm ² /m	0,473 Kg/m	Pre-aro de 70,8		1,2 mm	22,4 dm ² /m	33,5 dm ² /m	0,543 Kg/m
LAR						LAR					
											
extruded by 											

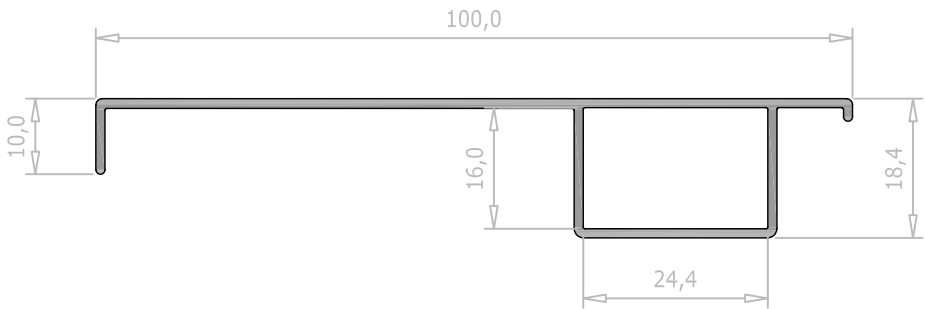
E-15420	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 70	1,2 mm	28,4 dm ² /m	28,4 dm ² /m	0,473 Kg/m

LAR



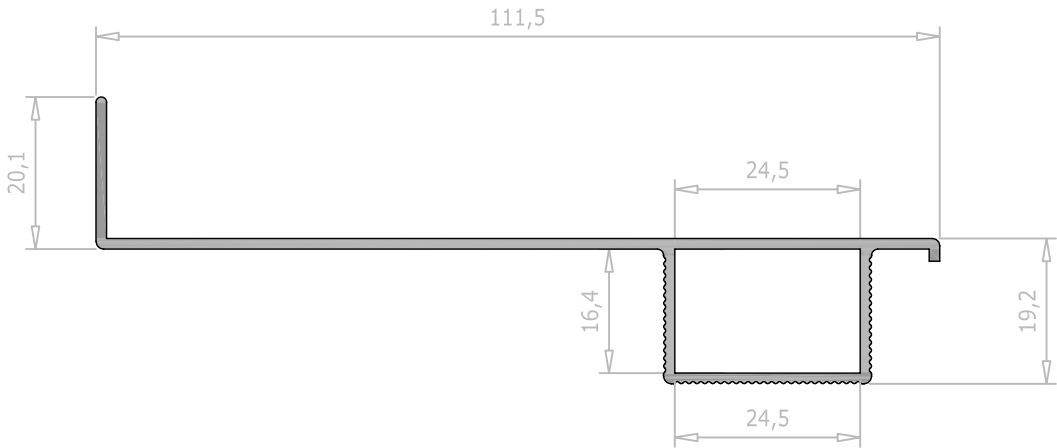
M-4045	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 100	1,3 mm	25,5 dm ² /m	33,5 dm ² /m	0,563 Kg/m

LAR



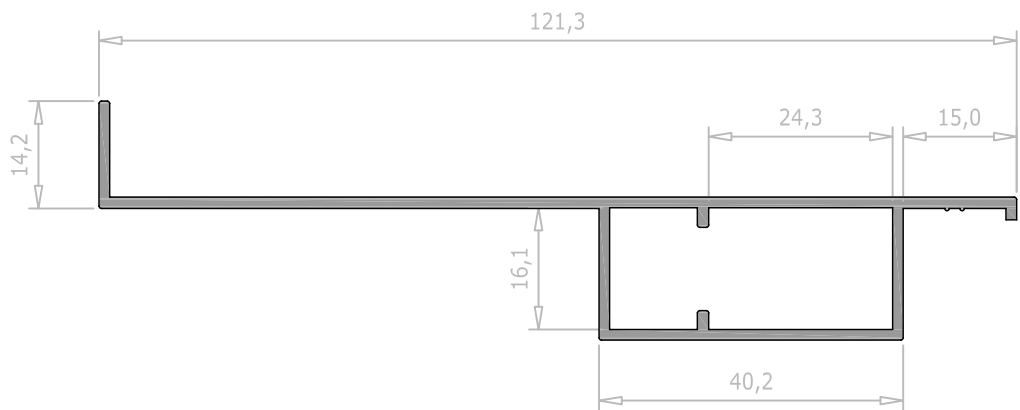
E115182	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 111,5	1,4 mm	28,6 dm ² /m	39,2 dm ² /m	0,710 Kg/m

NAV



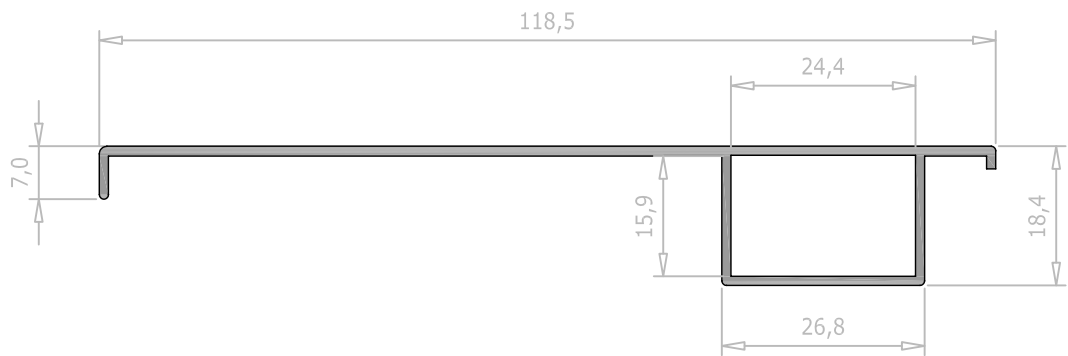
E556588	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 121	1,5 mm	30,8 dm ² /m	42,5 dm ² /m	0,829 Kg/m

NAV



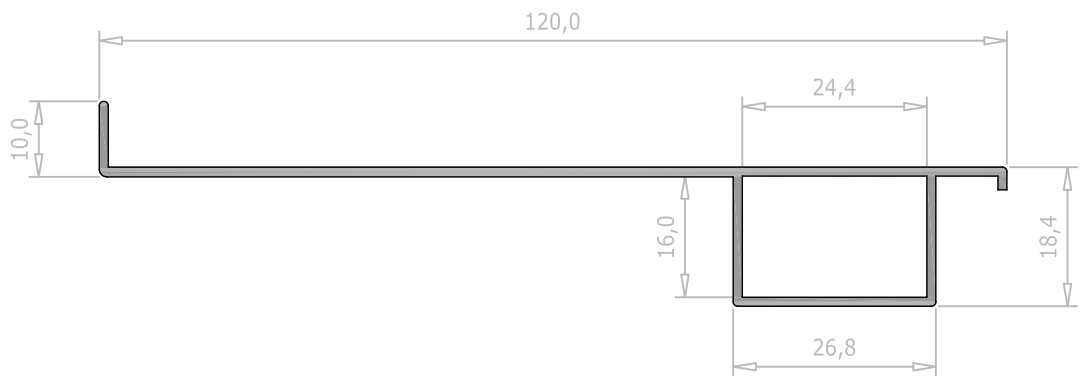
M-3947	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 118,5	1,3 mm	28,7 dm ² /m	36,8 dm ² /m	0,620 Kg/m

LAR



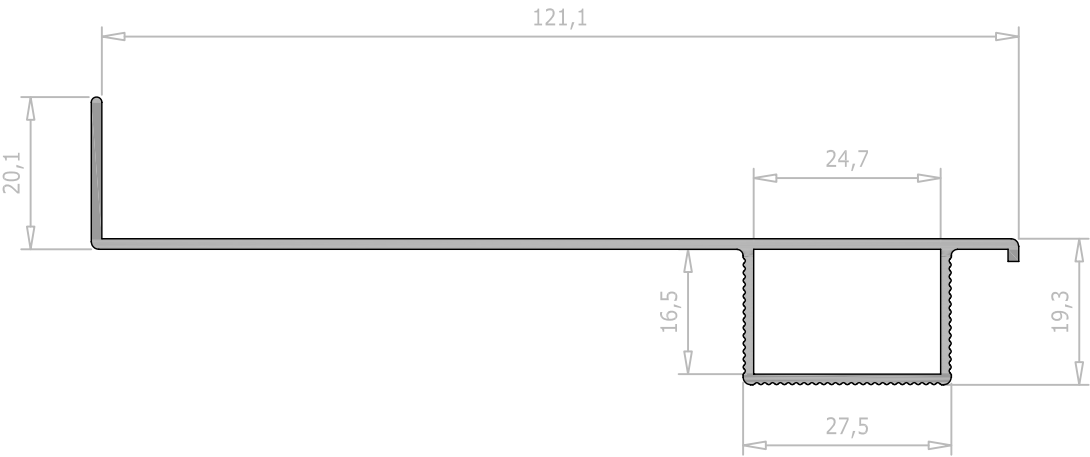
M-5409	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 120	1,3 mm	29,6 dm ² /m	37,7 dm ² /m	0,635 Kg/m

LAR



E-15183	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 121,1	1,4 mm	33,3 dm ² /m	41,5 dm ² /m	0,743 Kg/m

LAR



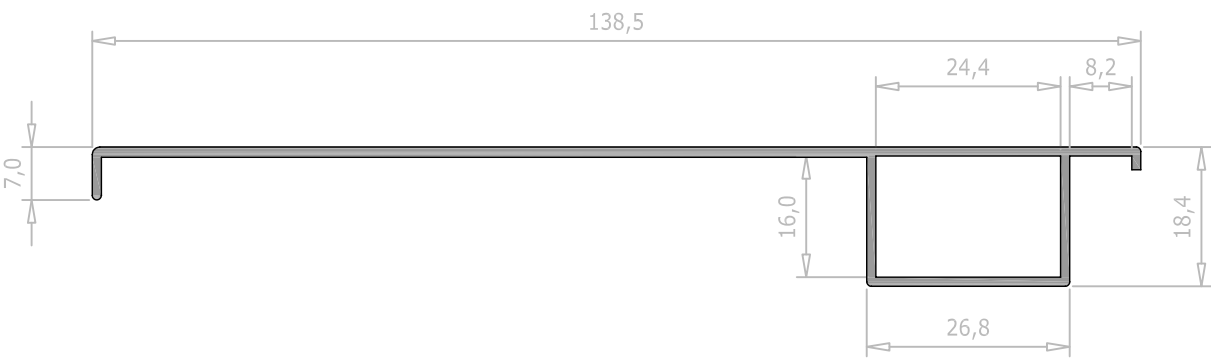
2071563	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 136	1,3 mm	38,2 dm ² /m	46,2 dm ² /m	0,783 Kg/m

NAV



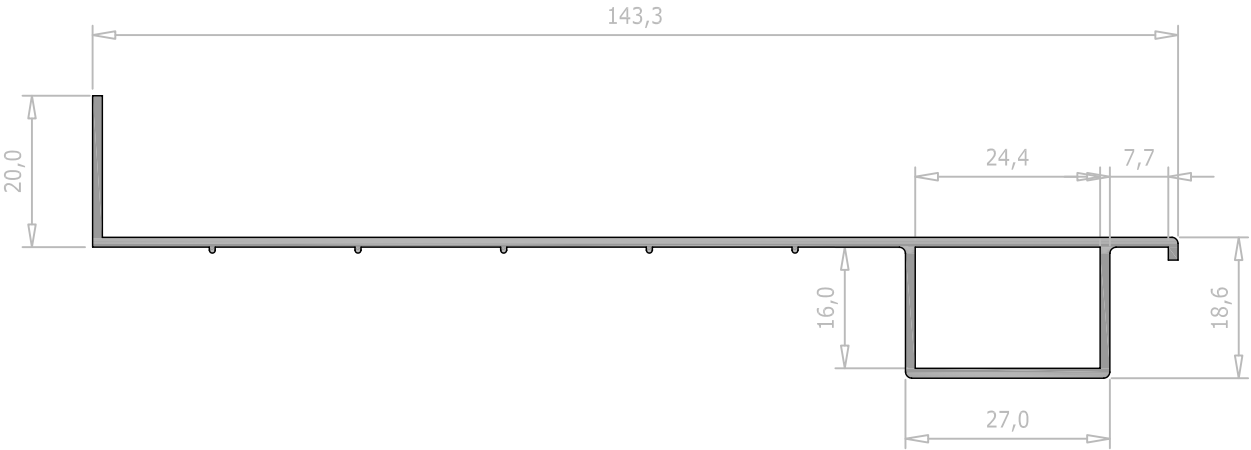
M-5003	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 138,5	1,4 mm	32,7 dm ² /m	40,8 dm ² /m	0,704 Kg/m

LAR



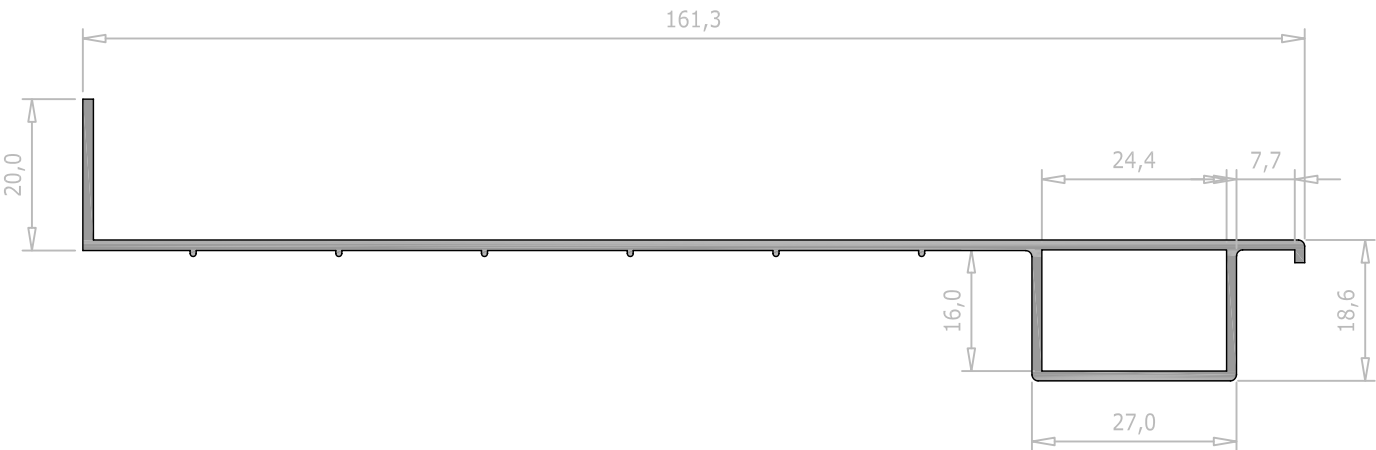
E115303	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 143,3	1,3 mm	37,0 dm ² /m	45,1 dm ² /m	0,788 Kg/m

NAV



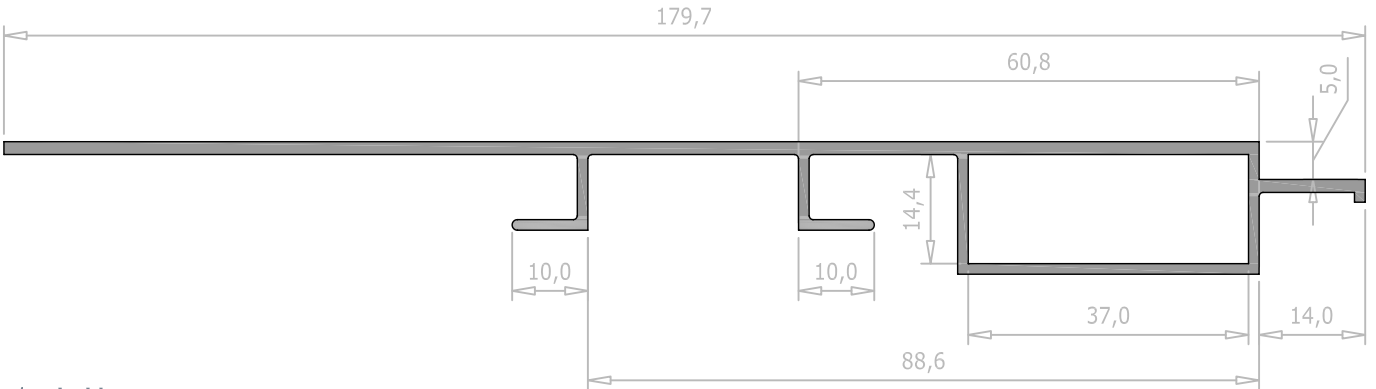
E-15188	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 161,3	1,4 mm	40,7 dm ² /m	48,8 dm ² /m	0,894 Kg/m

LAR



E553371	Espes.	Sup. Ext.	Sup. Total	Peso
Pre-aro de 180	1,7 mm	46,9 dm ² /m	57,2 dm ² /m	1,231 Kg/m

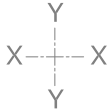
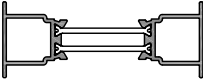
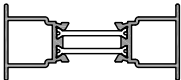
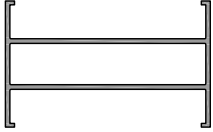
NAV



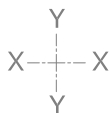
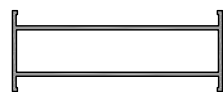
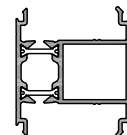
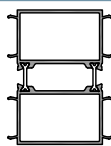
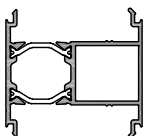
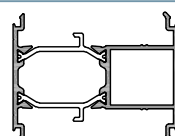
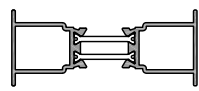
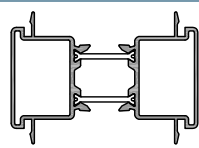
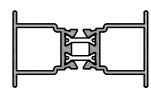
G. UNIÕES

G.1.- LISTAGEM

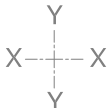
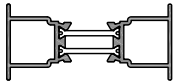
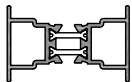
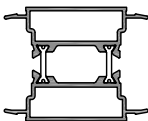
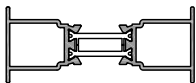
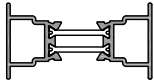
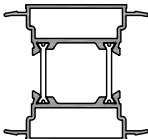
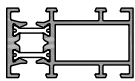
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2062684		União moldura 45 mm.	0,237	11,3 11,3	Avintes
2092546		União moldura 40 mm.	0,208	12,4 12,4	La Selva
2092594		União moldura	0,101	5,0 5,0	La Selva
C-54260		União moldura 76 mm.	0,810	27,0 56,0	La Roca
C-54660		União moldura 66 mm.	0,810	25,1 44,5	La Roca
E334008		Perfil de união 103,5 mm.	0,556	26,4 26,4	Navarra
E400213		União moldura	0,443	22,0 22,0	Navarra
E551059		União moldura tubular	1,277	33,4 52,1	Navarra
E800169		União moldura	0,516	25,7 25,7	Navarra
E-54595		União moldura	0,200	9,2 9,2	La Roca
M-1078		União moldura	0,445	22,2 22,2	La Roca

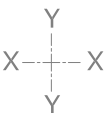
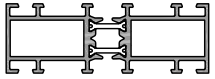
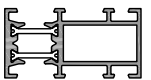
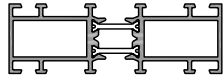
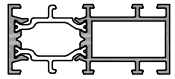
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
M-2193		União moldura 40-60 mm.	0,417	21,8 21,8	La Roca
M-2485		Perfil de união 123,5 mm.	0,645	29,9 29,9	La Roca
M-2731		União moldura 79 mm.	0,975	25,8 45,2	La Roca
M-3105		União moldura 45 mm.	0,267	13,4 13,4	La Roca
RT034		União moldura	0,987	30,8 45,6	Navarra
RT310		União moldura	1,456	33,0 92,8	Navarra
RT436		União moldura	0,987	32,8 49,8	Navarra
RT847		União moldura	0,987	37,9 57,1	Navarra
RT-2112		União moldura	0,872	25,9 49,7	La Roca
RT-2116		União moldura clipe	1,316	36,5 68,0	La Roca
RT-2514		União moldura 50 mm.	0,810	21,9 40,3	La Roca

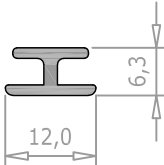
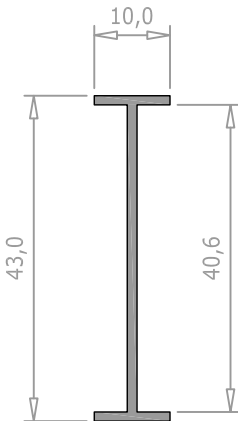
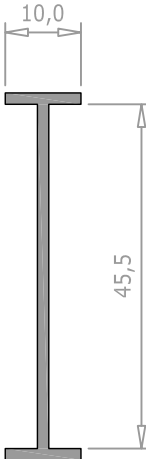
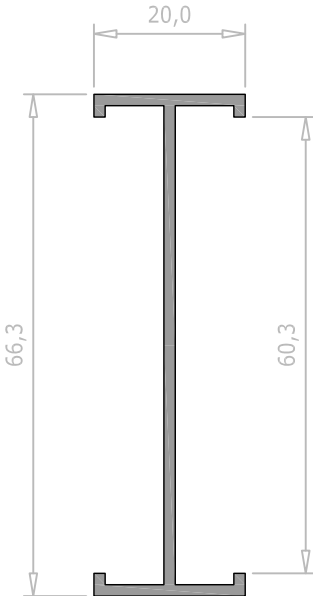
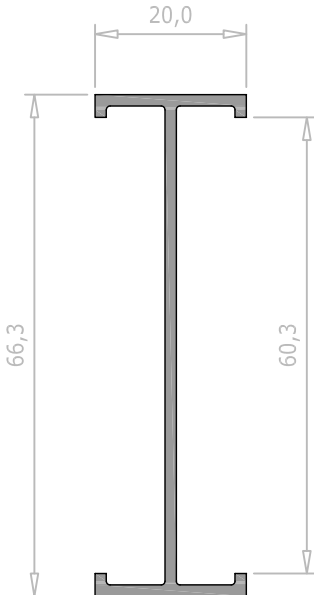
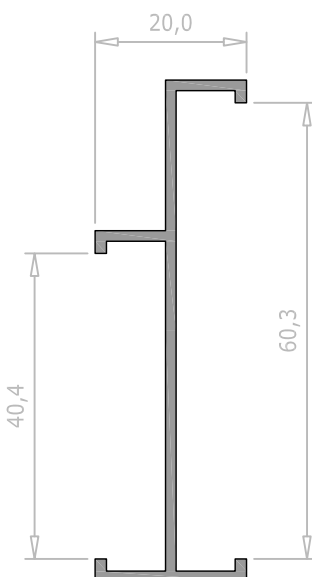
Listagem

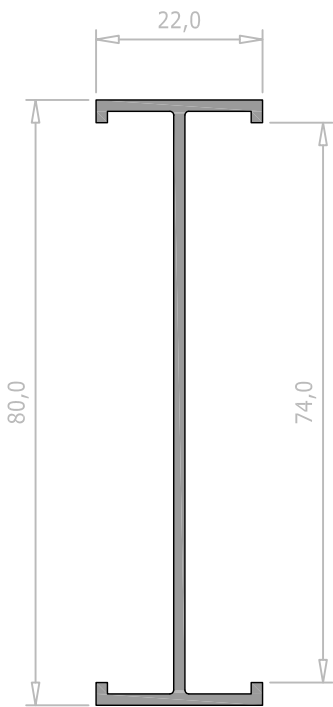
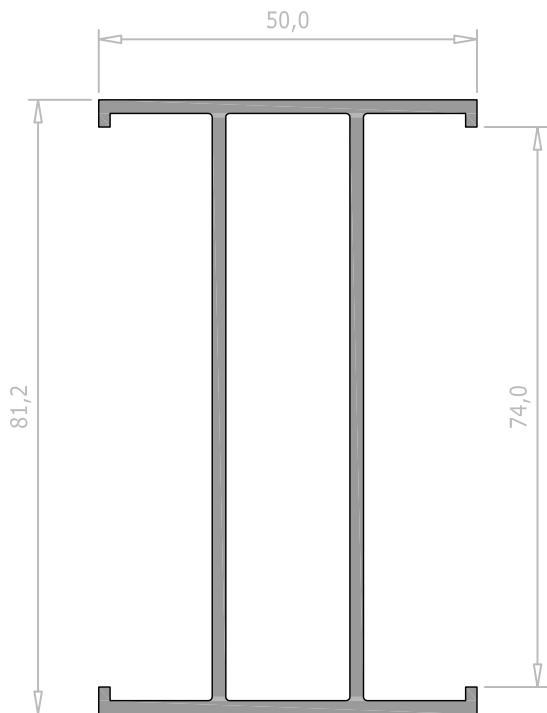
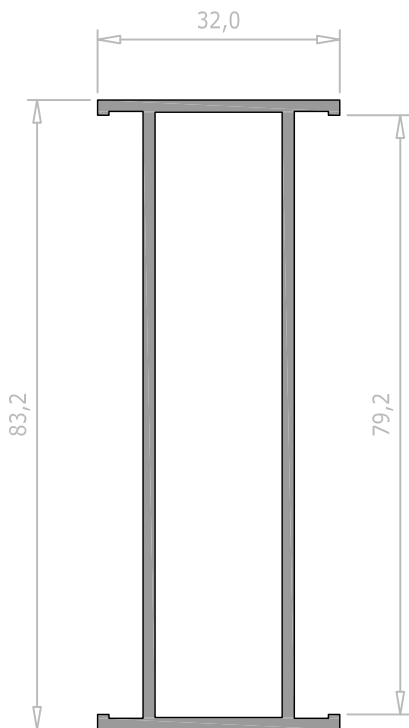
Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
RT-2516		União moldura 62 mm.	0,810	24,3 42,9		La Roca
RT-9423		União moldura	0,748	21,0 36,1		La Roca
RT-9424		União moldura clipe	1,136	27,6 54,2		La Roca
RT-9443		União moldura	0,540	26,3 26,3		La Roca
RT-9444		União moldura	0,548	26,5 26,5		La Roca
RT-9445		União moldura	0,629	30,5 30,5		La Roca
RT-9446		União moldura	0,713	34,5 34,5		La Roca
RT-9710		União moldura 71 mm.	0,872	26,1 48,4		La Roca
RT-9823		União moldura	0,748	22,8 39,8		La Roca
RT-9824		União moldura clipe	1,136	29,4 57,9		La Roca
RT-70028		União moldura	0,945	28,7 41,2		Navarra

Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
RT-70073		União de moldura larga	1,356	40,7	61,9	Navarra
RT-80028		União moldura	0,946	29,4	42,8	Navarra
RT-80073		União de moldura larga	1,356	41,5	63,6	Navarra
RT-90028		União moldura	1,123	34,2	49,9	Navarra

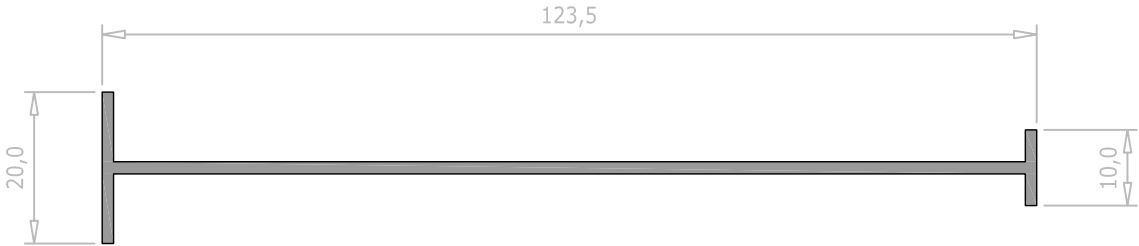
G.2.- PERFIS 1:1

2092594					2092546				
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura 40 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
1,4 mm		5,0 dm ² /m	5,0 dm ² /m	0,101 Kg/m	1,3 mm		12,4 dm ² /m	12,4 dm ² /m	0,208 Kg/m
LAS					LAS				
M-3105					M-1078				
União moldura 45 mm.	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura	Espes.	Sup. Ext.	Sup. Total	Peso
1,5 mm		13,4 dm ² /m	13,4 dm ² /m	0,267 Kg/m	1,5 mm		22,2 dm ² /m	22,2 dm ² /m	0,445 Kg/m
LAR					LAR				
E400213					M-2193				
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura 40-60 mm	Espes.	Sup. Ext.	Sup. Total	Peso
1,5 mm		22,0 dm ² /m	22,0 dm ² /m	0,443 Kg/m	1,4 mm		21,8 dm ² /m	21,8 dm ² /m	0,417 Kg/m
NAV					LAR				
									

E800169					E551059													
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura tubular	Espes.	Sup. Ext.	Sup. Total	Peso									
	1,5 mm	25,7 dm ² /m	25,7 dm ² /m	0,516 Kg/m		1,8 mm	33,4 dm ² /m	52,1 dm ² /m	1,277 Kg/m									
NAV					NAV													
M-2731 <table><tr><td>Espes.</td><td>Sup. Ext.</td><td>Sup. Total</td><td>Peso</td></tr><tr><td>União moldura 79 mm.</td><td>1,6 mm</td><td>25,8 dm²/m</td><td>45,2 dm²/m</td><td>0,975 Kg/m</td></tr></table>					Espes.	Sup. Ext.	Sup. Total	Peso	União moldura 79 mm.	1,6 mm	25,8 dm ² /m	45,2 dm ² /m	0,975 Kg/m					
Espes.	Sup. Ext.	Sup. Total	Peso															
União moldura 79 mm.	1,6 mm	25,8 dm ² /m	45,2 dm ² /m	0,975 Kg/m														
LAR																		
extruded by 																		

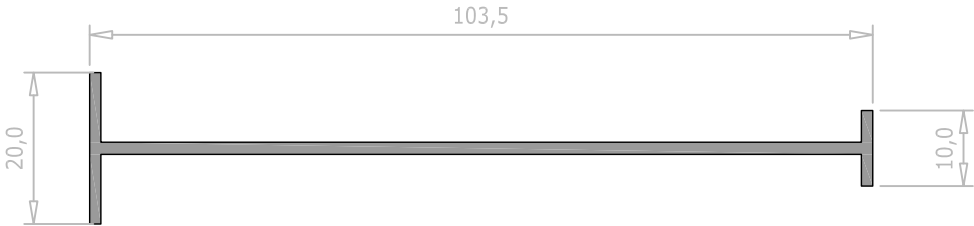
M-2485	Espes.	Sup. Ext.	Sup. Total	Peso
Perfil de união 123,5mm.	1,6 mm	29,9 dm ² /m	29,9 dm ² /m	0,645 Kg/m

LAR



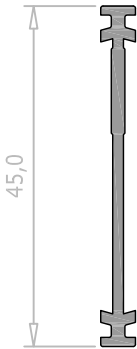
E334008	Espes.	Sup. Ext.	Sup. Total	Peso
Perfil de união 103,5mm.	1,6 mm	26,4 dm ² /m	26,4 dm ² /m	0,556 Kg/m

NAV



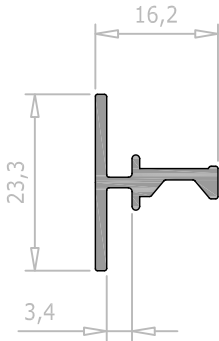
2062684	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura 45 mm.	1,5 mm	11,3 dm ² /m	11,3 dm ² /m	0,237 Kg/m

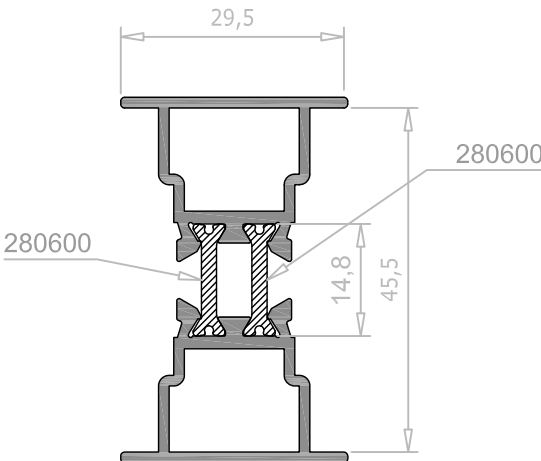
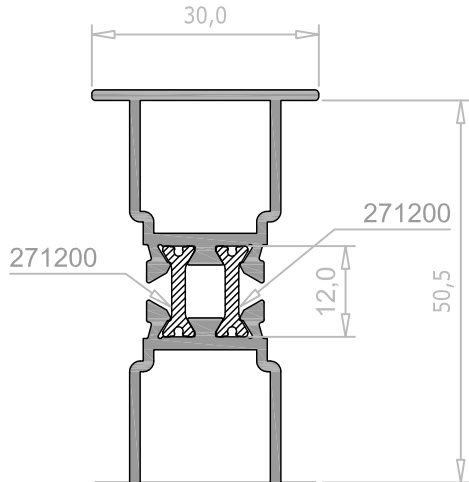
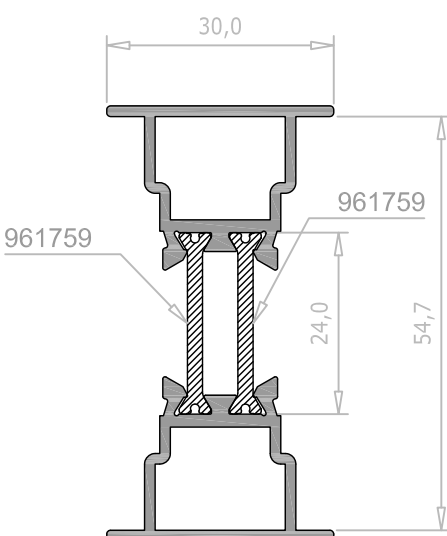
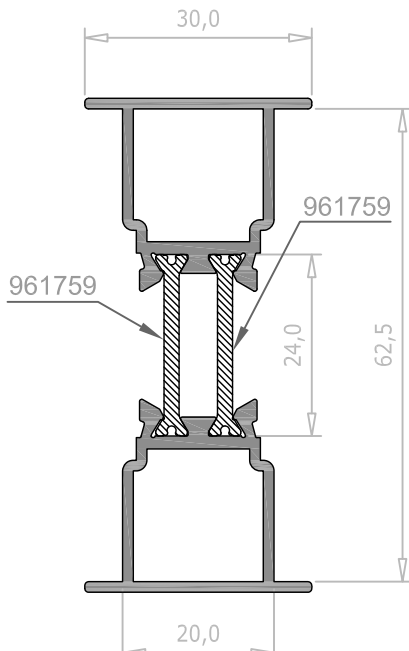
AVI



E-54595	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	9,2 dm ² /m	9,2 dm ² /m	0,200 Kg/m

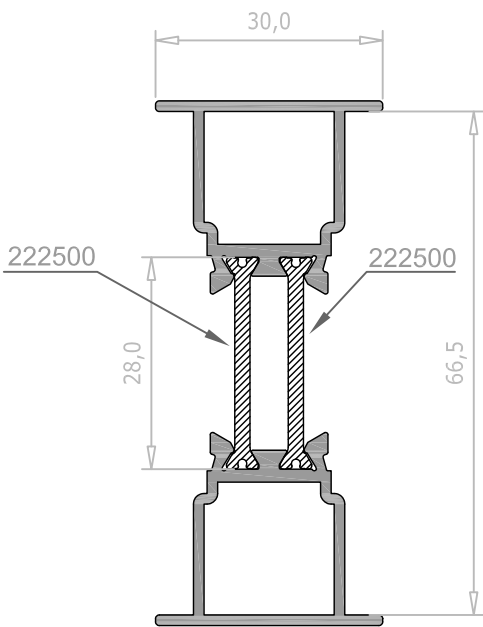
LAR



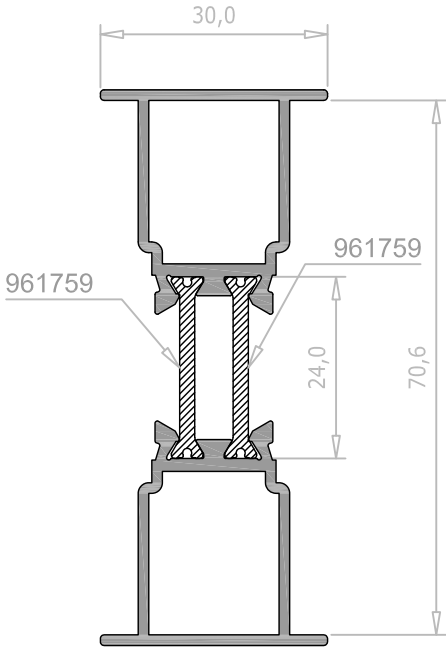
RT-9423					RT-2514				
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura 50mm.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,4 mm	21,0 dm ² /m	36,1 dm ² /m	0,748 Kg/m		1,4 mm	21,9 dm ² /m	40,3 dm ² /m	0,810 Kg/m
LAR					LAR				
									
RT-9823					RT-2516				
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura 62mm.	Espes.	Sup. Ext.	Sup. Total	Peso
	1,4 mm	22,8 dm ² /m	39,8 dm ² /m	0,748 Kg/m		1,4 mm	24,3 dm ² /m	42,9 dm ² /m	0,810 Kg/m
LAR					LAR				
									
extruded by  Hydro									

C-54660	Espes.	Sup. Ext.	Sup. Total	Peso	RT-2112	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,4 mm	25,1 dm ² /m	44,5 dm ² /m	0,810 Kg/m	União moldura	1,4 mm	25,9 dm ² /m	49,7 dm ² /m	0,872 Kg/m

LAR

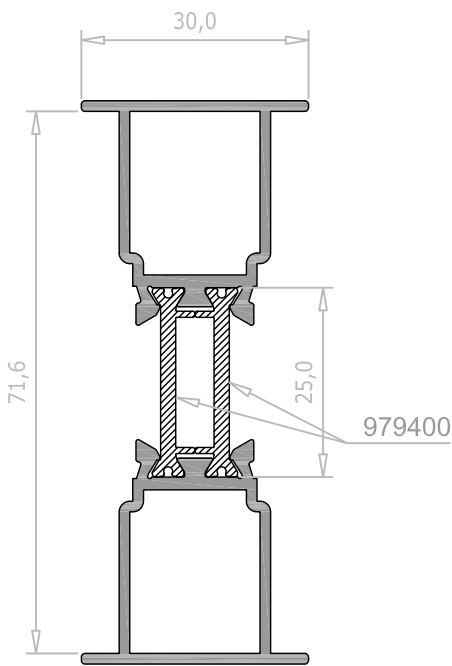


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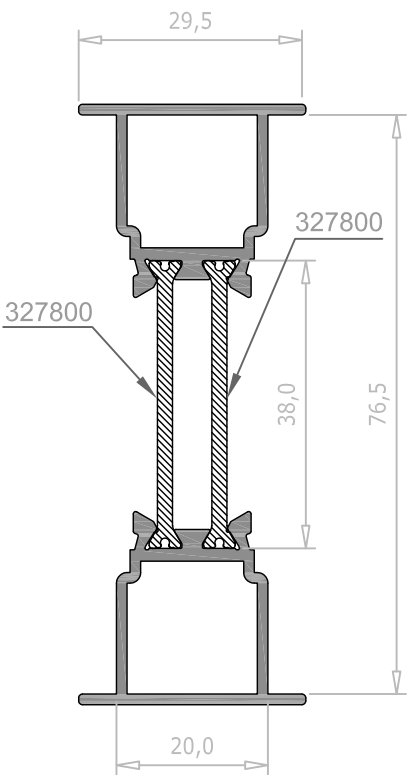


RT-9710	Espes.	Sup. Ext.	Sup. Total	Peso	C-54260	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura 71 mm.	1,4 mm	26,1 dm ² /m	48,4 dm ² /m	0,872 Kg/m	União moldura 76 mm.	1,4 mm	27,0 dm ² /m	56,0 dm ² /m	0,810 Kg/m

LAR

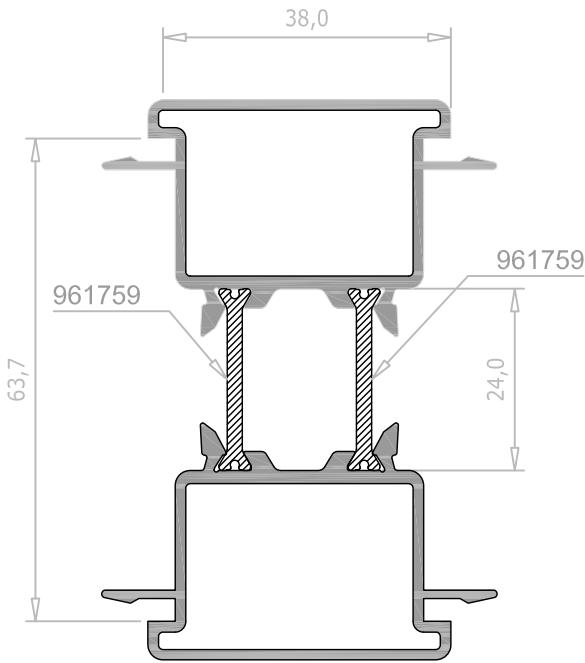


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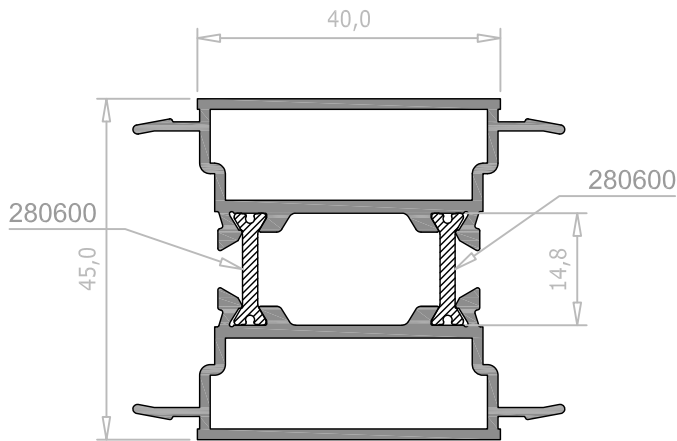


RT-2116	Espes.	Sup. Ext.	Sup. Total	Peso	RT-9424	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura clipe	1,4 mm	36,5 dm ² /m	68,0 dm ² /m	1,316 Kg/m	União moldura clipe	1,4 mm	27,6 dm ² /m	54,2 dm ² /m	1,136 Kg/m

LAR

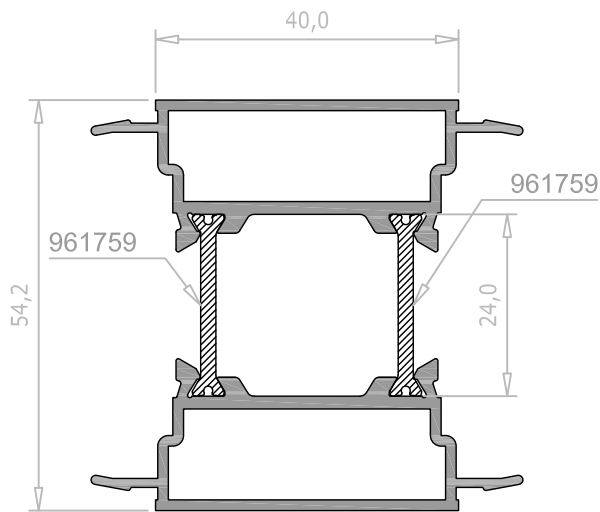


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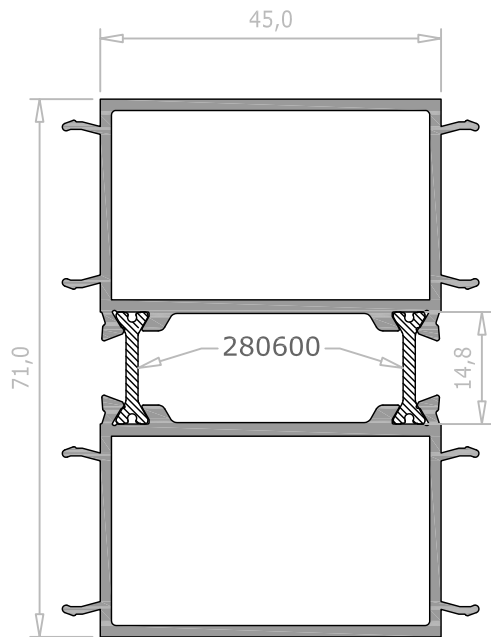


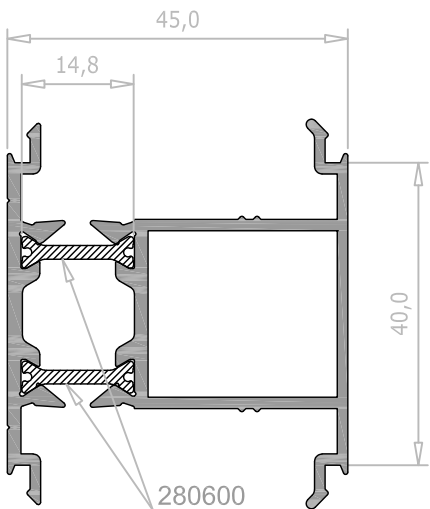
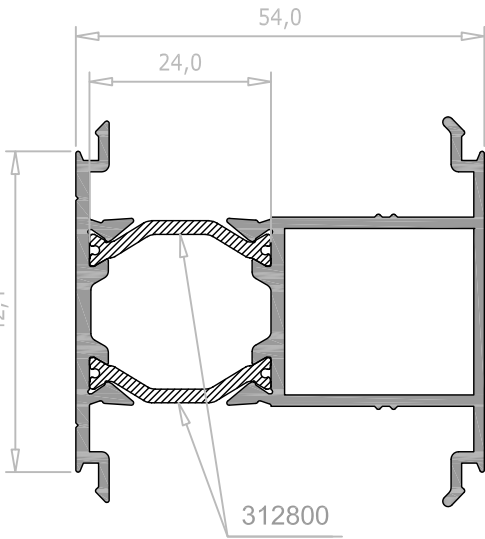
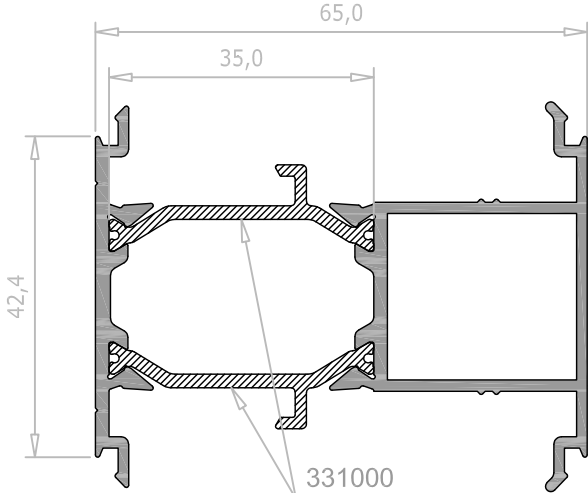
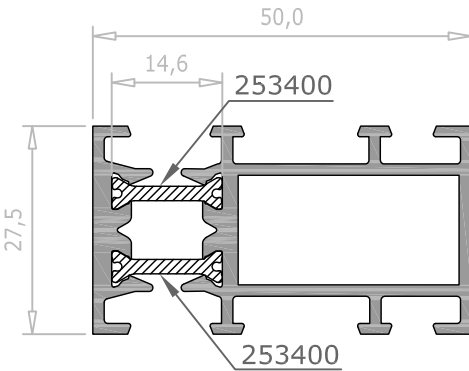
RT-9824	Espes.	Sup. Ext.	Sup. Total	Peso	RT310	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura clipe	1,4 mm	29,4 dm ² /m	57,9 dm ² /m	1,136 Kg/m	União moldura	1,5 mm	33,0 dm ² /m	92,8 dm ² /m	1,456 Kg/m

LAR



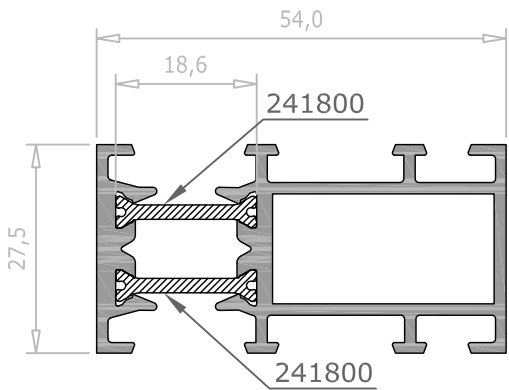
NAV



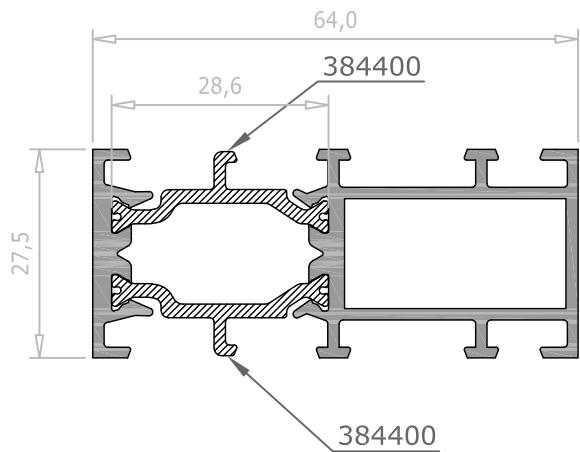
RT034					RT436										
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura	Espes.	Sup. Ext.	Sup. Total	Peso						
	1,5 mm	30,8 dm ² /m	45,6 dm ² /m	0,987 Kg/m		1,5 mm	32,8 dm ² /m	49,8 dm ² /m	0,987 Kg/m						
NAV					NAV										
RT847					RT-70028										
União moldura	Espes.	Sup. Ext.	Sup. Total	Peso	União moldura	Espes.	Sup. Ext.	Sup. Total	Peso						
	1,5 mm	37,9 dm ² /m	57,1 dm ² /m	0,987 Kg/m		1,5 mm	28,7 dm ² /m	41,2 dm ² /m	0,945 Kg/m						
NAV					NAV										
extruded by 															

RT-80028	Espes.	Sup. Ext.	Sup. Total	Peso	RT-90028	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	29,4 dm ² /m	42,8 dm ² /m	0,946 Kg/m	União moldura	1,5 mm	34,2 dm ² /m	49,9 dm ² /m	1,123 Kg/m

NAV

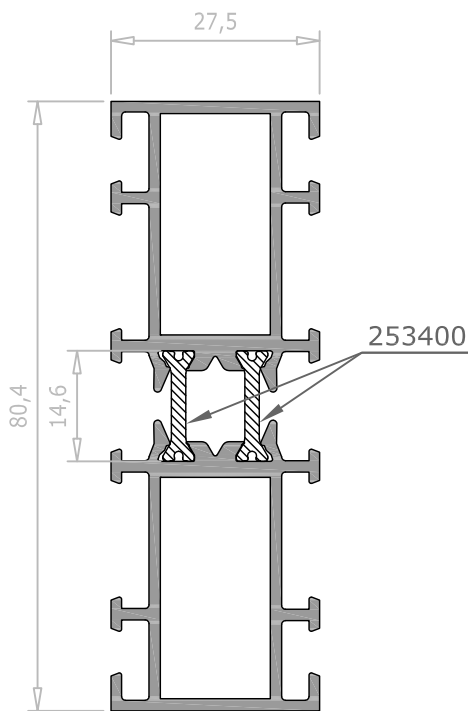


NAV

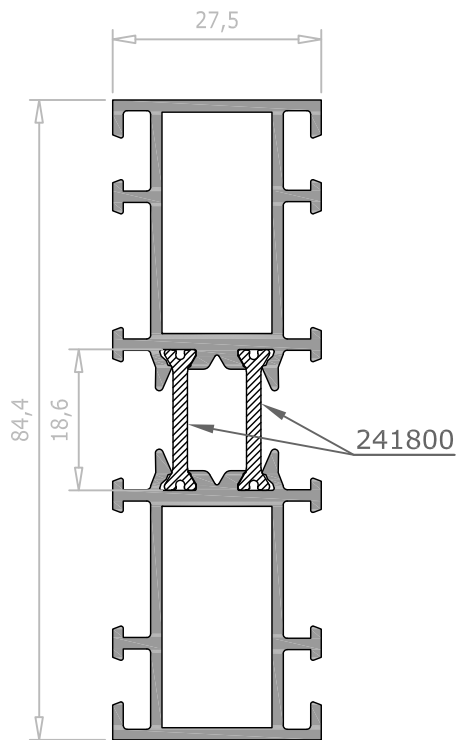


RT-70073	Espes.	Sup. Ext.	Sup. Total	Peso	RT-80073	Espes.	Sup. Ext.	Sup. Total	Peso
União de moldura larga	1,5 mm	40,7 dm ² /m	61,9 dm ² /m	1,356 Kg/m	União de moldura larga	1,5 mm	41,5 dm ² /m	63,6 dm ² /m	1,356 Kg/m

NAV

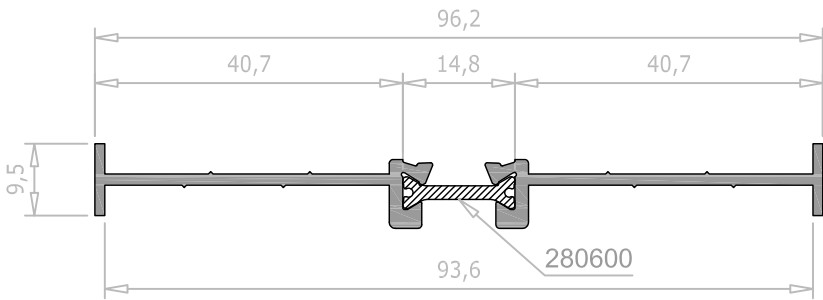


NAV



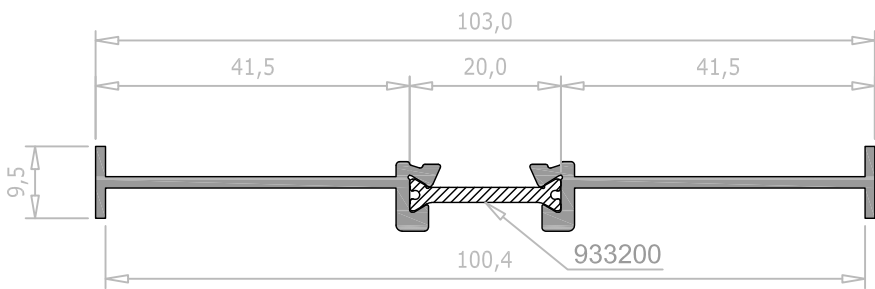
RT-9443	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	26,3 dm ² /m	26,3 dm ² /m	0,540 Kg/m

LAR



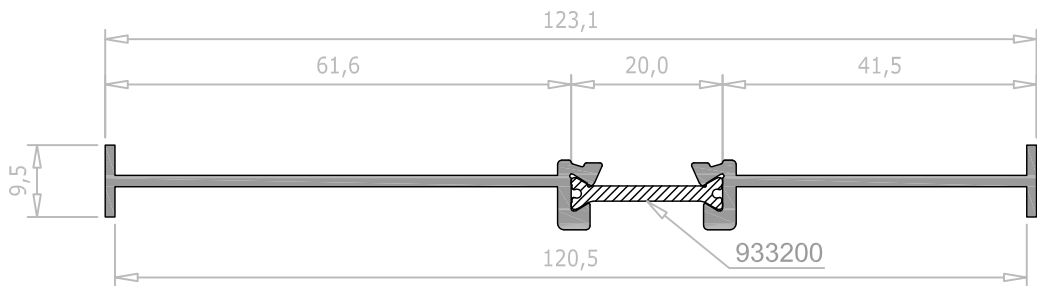
RT-9444	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	26,5 dm ² /m	26,5 dm ² /m	0,548 Kg/m

LAR



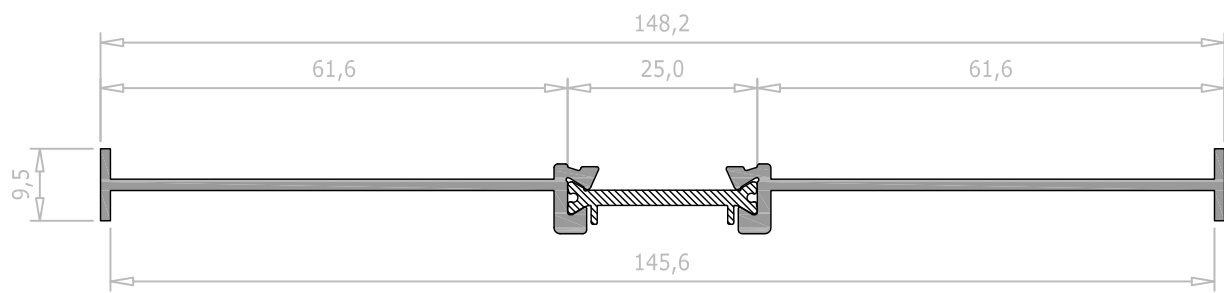
RT-9445	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	30,5 dm ² /m	30,5 dm ² /m	0,629 Kg/m

LAR



RT-9446	Espes.	Sup. Ext.	Sup. Total	Peso
União moldura	1,5 mm	34,5 dm ² /m	34,5 dm ² /m	0,713 Kg/m

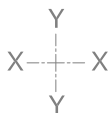
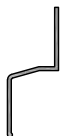
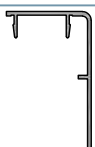
LAR



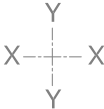
H. VERTE ÁGUAS

H.1.- LISTAGEM

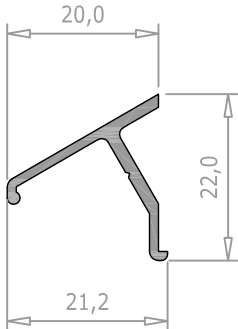
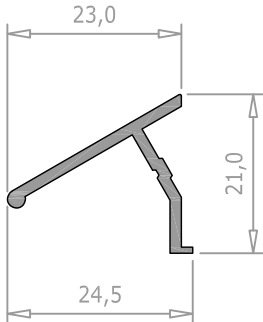
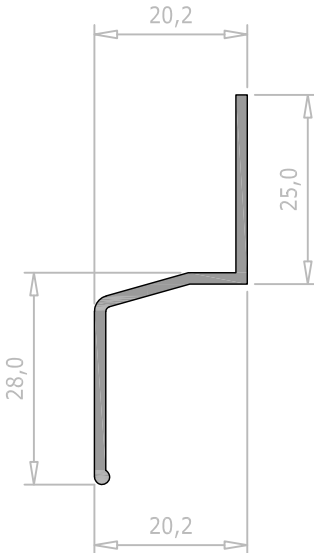
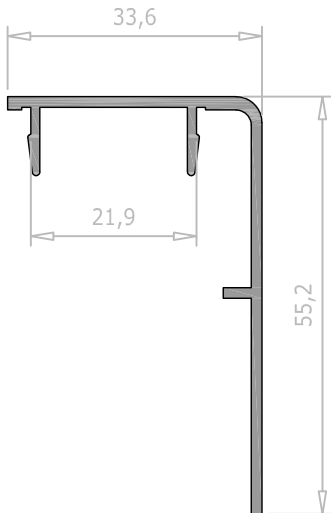
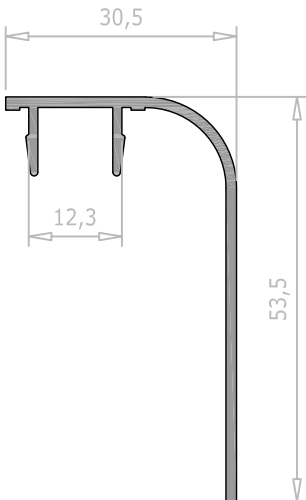
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2062020		Verte águas de hoja	0,187	9,4 9,4	Navarra
2062994		Parapeito 90 mm.	0,531	25,4 25,4	Navarra
2064458		Verte águas	0,272	13,6 13,6	Navarra
2069654		Parapeito 120 mm.	0,612	30,0 30,0	Navarra
E010917		Verte águas 72 mm.	0,421	19,4 19,4	Navarra
E010960		Verte águas 131 mm.	0,581	28,9 28,9	Navarra
E011551		Verte águas 120 mm.	0,724	30,2 30,2	Navarra
E900304		Verte águas 95 mm.	0,535	24,6 24,6	Navarra
E-369582		Parapeito 77 mm.	0,363	20,5 20,5	La Roca
E-505758		Verte águas 80 mm.	0,394	21,5 21,5	La Roca
M-2620		Verte águas	0,412	21,5 21,5	La Roca

Listagem

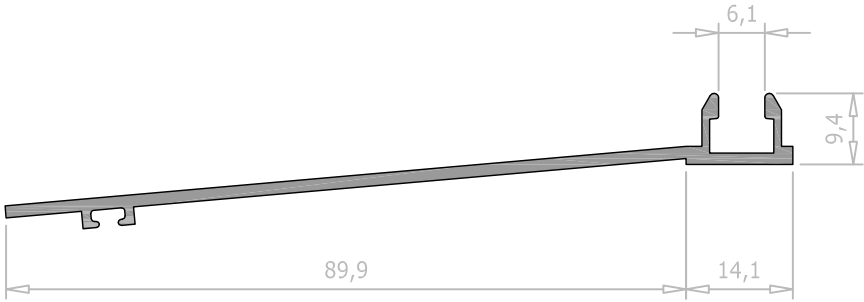
Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-2948		Verte águas 80 mm.	0,383	20,5	20,5	La Roca
M-3196		Verte águas	0,167	9,0	9,0	La Roca
M-3229		Verte águas 70 mm.	0,391	20,9	20,9	La Roca
M-3230		Verte águas 120 mm.	0,668	30,7	30,7	La Roca
M-3289		Verte águas	0,360	19,5	19,5	La Roca
M-5292		Verte águas 150 mm.	0,775	36,1	36,1	La Roca

H.2.- PERFIS 1:1

M-3196					2062020						
Verte águas		Espes.	Sup. Ext.	Sup. Total	Peso	Verte águas de folha		Espes.	Sup. Ext.	Sup. Total	Peso
		- mm	9,0 dm ² /m	9,0 dm ² /m	0,167 Kg/m			1,5 mm	9,4 dm ² /m	9,4 dm ² /m	0,187 Kg/m
LAR						NAV					
											
2064458						M-2620					
Verte águas		Espes.	Sup. Ext.	Sup. Total	Peso	Verte águas		Espes.	Sup. Ext.	Sup. Total	Peso
		1,5 mm	13,6 dm ² /m	13,6 dm ² /m	0,272 Kg/m			1,4 mm	21,5 dm ² /m	21,5 dm ² /m	0,412 Kg/m
NAV						LAR					
											
M-3289											
Verte águas		Espes.	Sup. Ext.	Sup. Total	Peso						
		1,4 mm	19,5 dm ² /m	19,5 dm ² /m	0,360 Kg/m						
LAR											
											
extruded by 											

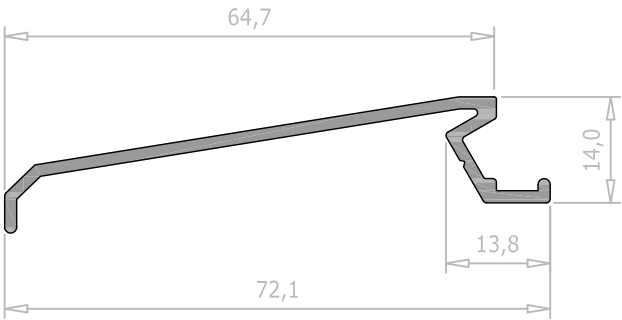
2062994	Espes.	Sup. Ext.	Sup. Total	Peso
Parapeito 90 mm.	1,6 mm	25,4 dm ² /m	25,4 dm ² /m	0,531 Kg/m

NAV



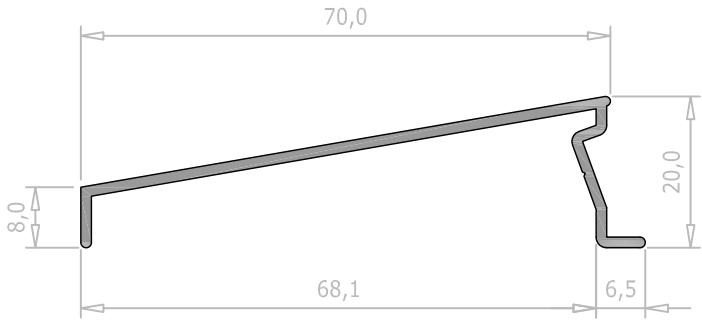
E010917	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 72 mm.	1,6 mm	19,4 dm ² /m	19,4 dm ² /m	0,421 Kg/m

NAV



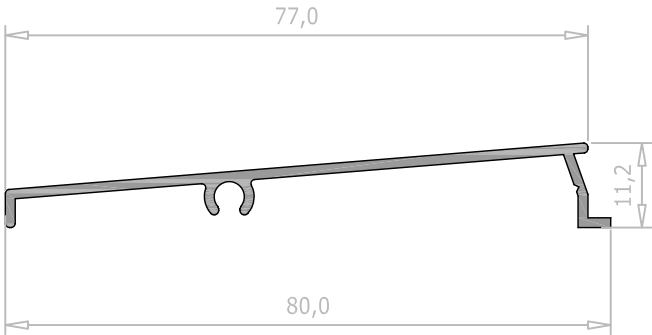
M-3229	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 70 mm.	1,4 mm	20,9 dm ² /m	20,9 dm ² /m	0,391 Kg/m

LAR



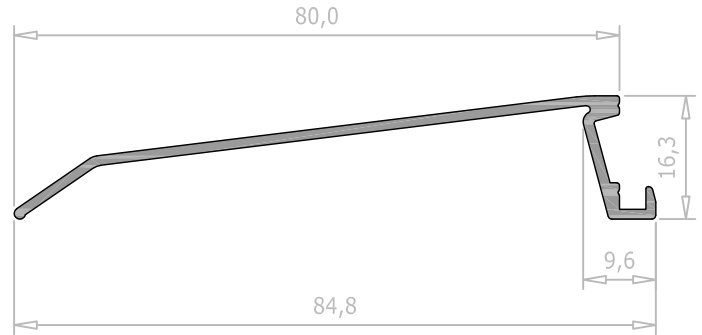
E-369582	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 77 mm.	1,3 mm	20,5 dm ² /m	20,5 dm ² /m	0,363 Kg/m

LAR



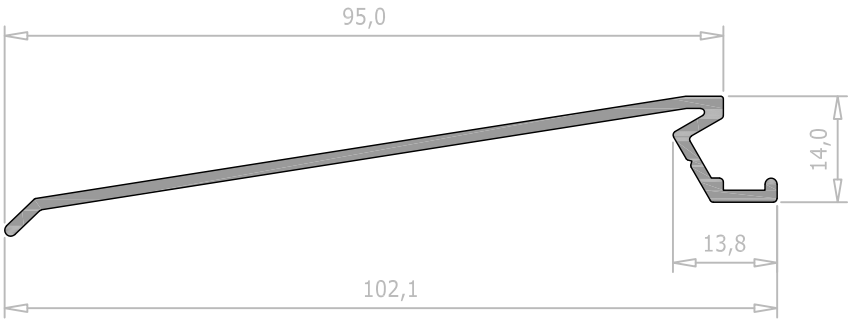
E-505758	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 80 mm.	1,3 mm	21,5 dm ² /m	21,5 dm ² /m	0,394 Kg/m

LAR



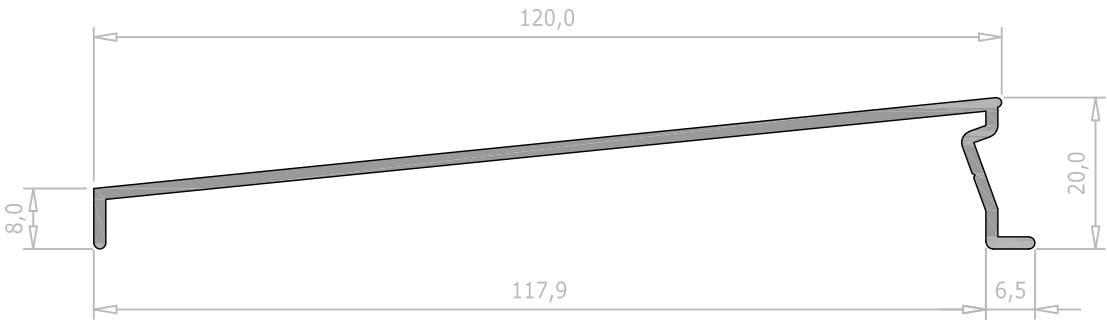
E900304	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 95 mm.	1,4 mm	24,6 dm ² /m	24,6 dm ² /m	0,535 Kg/m

NAV



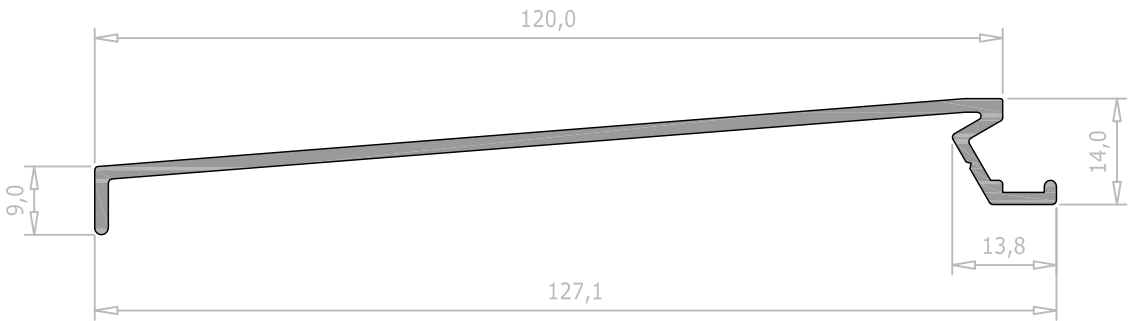
M-3230	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 120 mm.	1,6 mm	30,7 dm ² /m	30,7 dm ² /m	0,668 Kg/m

LAR



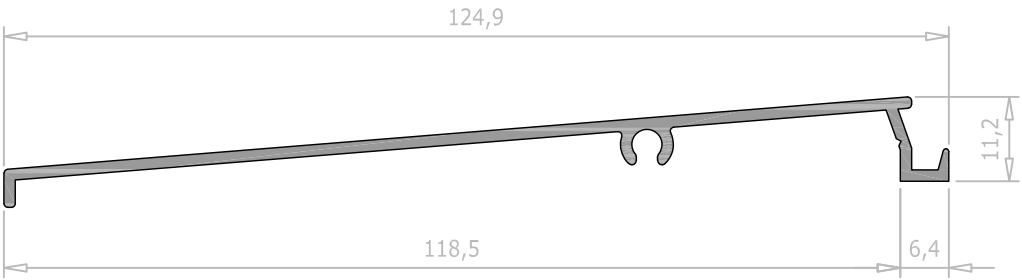
E011551	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 120 mm.	1,6 mm	30,2 dm ² /m	30,2 dm ² /m	0,724 Kg/m

NAV



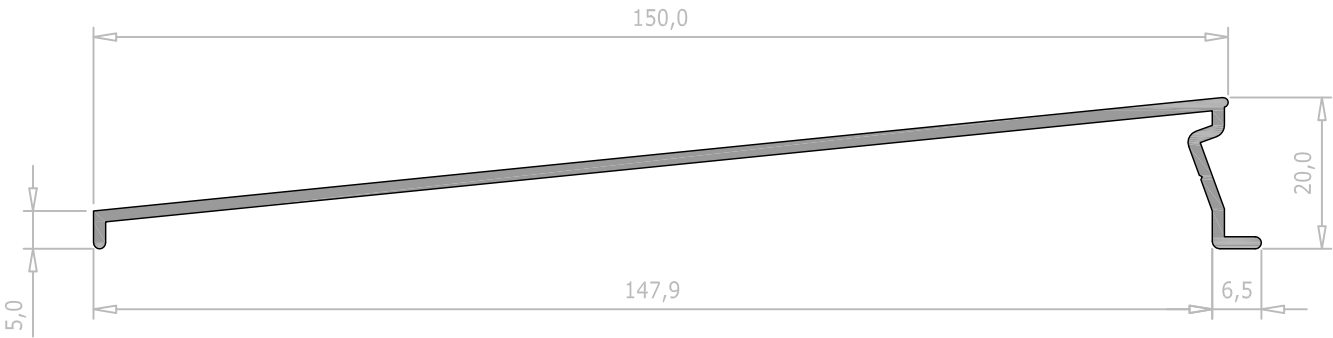
2069654	Espes.	Sup. Ext.	Sup. Total	Peso
Parapeito 120 mm.	1,5 mm	30,0 dm ² /m	30,0 dm ² /m	0,612 Kg/m

NAV



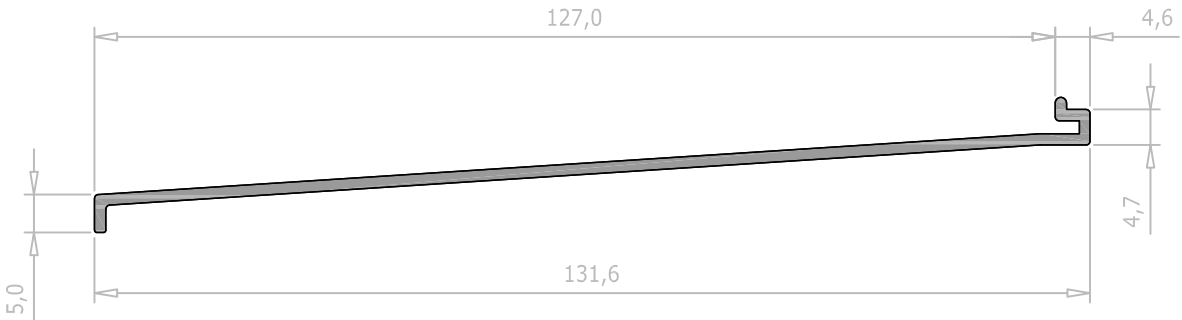
M-5292	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 150 mm.	1,6 mm	36,1 dm ² /m	36,1 dm ² /m	0,775 Kg/m

LAR



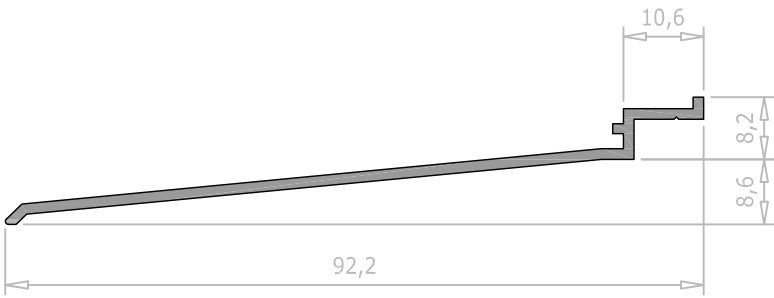
E010960	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 131 mm.	1,5 mm	28,9 dm ² /m	28,9 dm ² /m	0,581 Kg/m

NAV



M-2948	Espes.	Sup. Ext.	Sup. Total	Peso
Verte águas 80 mm.	1,4 mm	20,5 dm ² /m	20,5 dm ² /m	0,383 Kg/m

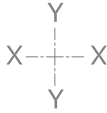
LAR



I. PORTADAS

I.1.- LISTAGEM

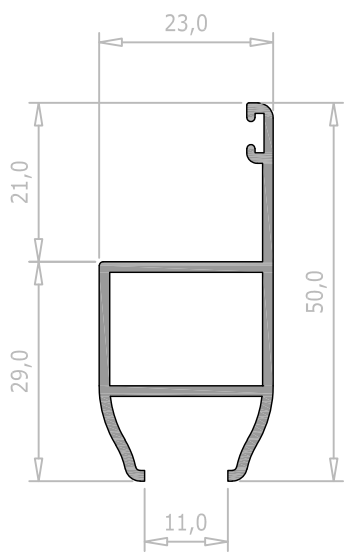
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fabrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-4777		Folha portada	0,476	18,5	25,5	La Roca

I.2.- PERFIS 1:1

M-4777	Espes.	Sup. Ext.	Sup. Total	Peso
Folha portada	1,4 mm	18,5 dm ² /m	25,5 dm ² /m	0,476 Kg/m

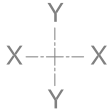
LAR



J. MOSQUITEIRA

J.1.- LISTAGEM

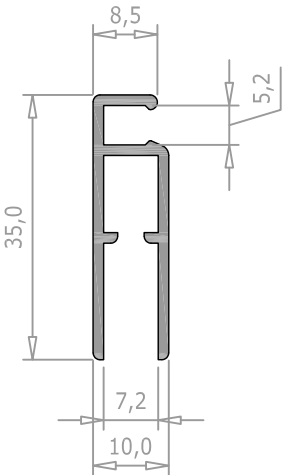
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-1698		Folha mosquiteira 35 mm.	0,305	16,3	16,3	La Roca
M-2873		Carril mosquiteira	0,181	10,0	10,0	La Roca
M-2874		Tapa carril mosquiteira	0,110	6,0	6,0	La Roca
M-4328		Folha mosquiteira 45 mm.	0,327	16,3	21,0	La Roca

J.2.- PERFIS 1:1

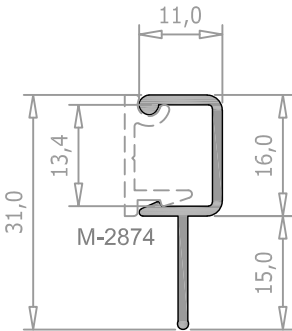
M-1698	Espes.	Sup. Ext.	Sup. Total	Peso	M-4328	Espes.	Sup. Ext.	Sup. Total	Peso
Folha mosquiteira 35mm	1,4 mm	16,3 dm ² /m	16,3 dm ² /m	0,305 Kg/m	Folha mosquiteira 45mm	1,1 mm	16,3 dm ² /m	21,0 dm ² /m	0,327 Kg/m

LAR

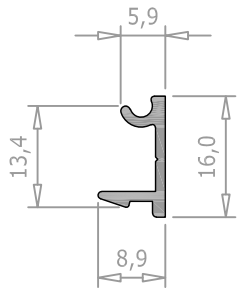


M-2873	Espes.	Sup. Ext.	Sup. Total	Peso	M-2874	Espes.	Sup. Ext.	Sup. Total	Peso
Carril mosquiteira	1,4 mm	10,0 dm ² /m	10,0 dm ² /m	0,181 Kg/m	Tapa carril mosquiteira	1,3 mm	6,0 dm ² /m	6,0 dm ² /m	0,110 Kg/m

LAR



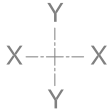
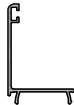
LAR



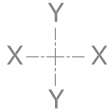
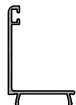
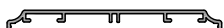
K. TAPA JUNTAS

K.1.- LISTAGEM

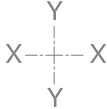
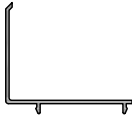
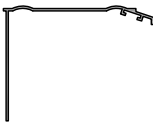
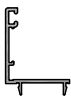
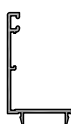
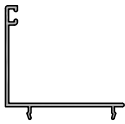
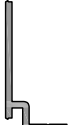
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2064537		Tapa juntas 30 mm.	0,194	12,3 12,3	Navarra
2064616		Tapa juntas 35 mm.	0,218	13,7 13,7	Navarra
2064756		Tapa juntas 35 mm.	0,249	15,8 15,8	Navarra
2065520		Tapa juntas 50 mm.	0,196	13,4 13,4	Navarra
2065593		Tapa juntas 35 mm.	0,225	14,1 14,1	Navarra
2066191		Tapa juntas 50 mm.	0,302	18,8 18,8	Navarra
2066263		Tapa juntas 35 mm.	0,175	10,5 10,5	Navarra
2066546		Grampo tapa juntas	0,473	17,8 17,8	Navarra
2066775		Tapa juntas 65 mm. moldurado	0,317	21,2 21,2	Navarra
2066829		Tapa juntas 35 mm.	0,212	13,3 13,3	Navarra
2069302		Tapa juntas 30 mm.	0,232	14,7 14,7	Navarra

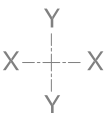
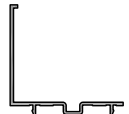
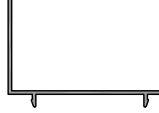
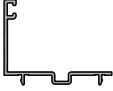
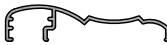
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2069698		Tapa juntas 70 mm. moldurado	0,323	21,7 21,7	Navarra
2071817		Tapa juntas 30 mm.	0,240	15,1 15,1	Navarra
2073228		Tapa juntas 35 mm.	0,246	15,7 15,7	Navarra
2078961		Tapa juntas 51,35 mm.	0,242	14,6 14,6	Navarra
E010135		Tapa juntas 70 mm.	0,413	22,9 22,9	Navarra
E010425		Tapa juntas 30 mm.	0,154	10,4 10,4	Navarra
E010741		Tapa juntas 30 mm.	0,158	13,3 13,3	Navarra
E010893		Tapa juntas 30 mm.	0,154	11,0 11,0	Navarra
E011445		Tapa juntas 85 mm.	0,409	23,6 23,6	Navarra
E700052		Tapa juntas clipe 40 mm.	0,521	25,1 25,1	Navarra
E700660		Tapa juntas 35 mm.	0,219	14,9 14,9	Navarra

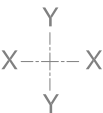
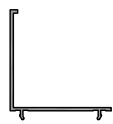
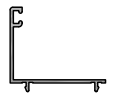
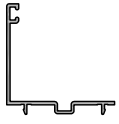
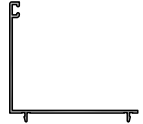
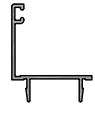
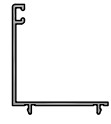
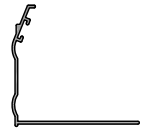
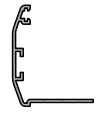
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
E800102		Tapa juntas clipe 40 mm.	0,348	19,4 19,4	Navarra
E900718		Tapa juntas clipe 40 mm.	0,440	22,6 22,6	Navarra
E900987		Tapa juntas 50 mm.	0,316	18,4 18,4	Navarra
E-6013		Tapa juntas 85 mm.	0,575	32,5 32,5	La Roca
E-13634		Tapa juntas grampo 50 mm.	0,283	16,3 16,3	La Roca
E-14255		Tapa juntas clipe 30 mm.	0,254	15,2 15,2	La Roca
E-14256		Tapa juntas clipe 40 mm.	0,289	17,2 17,2	La Roca
E-15270		Tapa juntas aperto 28 mm.	0,281	16,3 16,3	La Roca
E-15271		Tapa juntas aperto 75 mm. moldura	0,448	25,8 25,8	La Roca
E-16826		Tapa juntas clipe 40 mm.	0,359	21,0 21,0	La Roca
E-16926		Grampo tapa juntas clip	0,510	15,8 15,8	La Roca

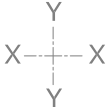
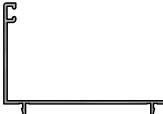
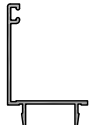
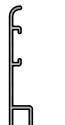
Listagem

Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
E118421		Tapa juntas 50 mm.	0,219	13,7 13,7	Navarra
E-54307		Tapa juntas 40 mm.	0,186	10,7 10,7	La Roca
M-1544		Tapa juntas clipe 40 mm.	0,324	19,8 19,8	La Roca
M-2159		Tapa juntas clipe 40 mm.	0,528	28,2 28,2	La Roca
M-2537		Tapa juntas clipe 40 mm.	0,386	22,0 22,0	La Roca
M-2986		Tapa juntas clipe 30 mm.	0,341	19,0 19,0	La Roca
M-2989		Tapa juntas guía 30 mm.	0,189	11,0 11,0	La Roca
M-3231		Tapa juntas grampo 50 mm. moldura	0,250	14,0 14,0	La Roca
M-3232		Tapa juntas grampo 65 mm. moldura	0,374	21,0 21,0	La Roca
M-3424		Tapa juntas aberto 30 mm.	0,221	12,8 12,8	La Roca
M-3608		Tapa juntas aberto 30 mm.	0,224	13,0 13,0	La Roca

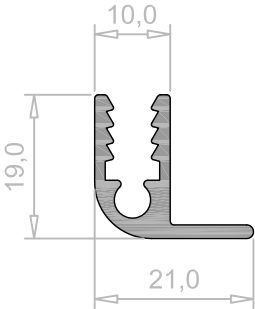
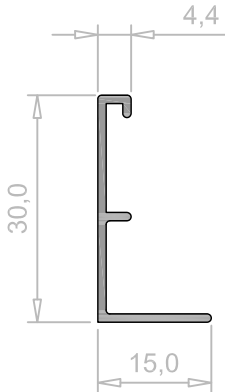
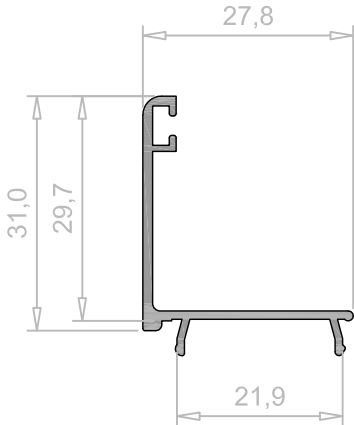
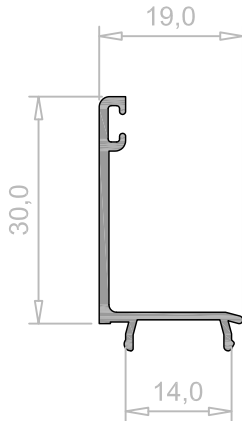
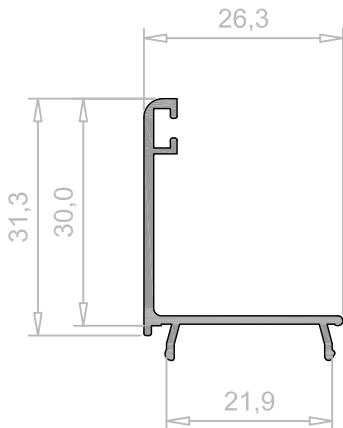
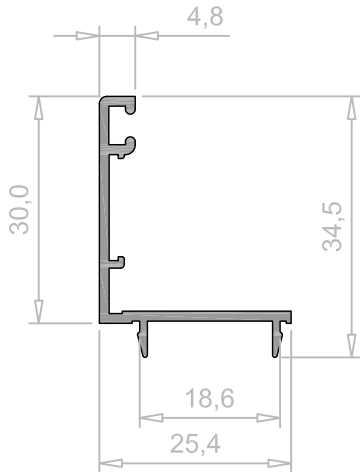
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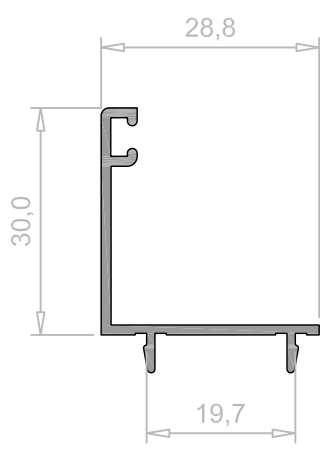
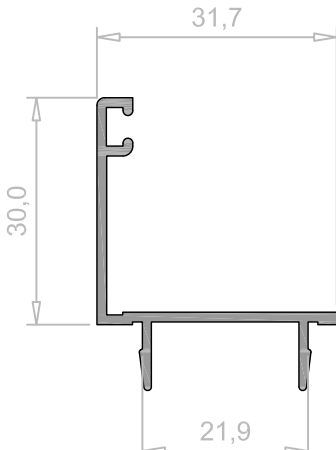
Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
M-3678		Tapa juntas guía 40 mm.	0,223	13,0 13,0	La Roca
M-3825		Tapa juntas clipe 40 mm.	0,298	17,9 17,9	La Roca
M-4074		Tapa juntas clipe 30 mm.	0,278	16,7 16,7	La Roca
M-4111		Tapa juntas aperto 50 mm. moldura	0,294	11,5 11,5	La Roca
M-4156		Tapa juntas clipe 40 mm.	0,348	21,0 21,0	La Roca
M-4162		Tapa juntas clipe 30 mm.	0,376	22,0 22,0	La Roca
M-4273		Tapa juntas clipe 55 mm.	0,464	27,0 27,0	La Roca
M-4469		Tapa juntas clipe 30 mm.	0,305	17,7 17,7	La Roca
M-4474		Tapa juntas clipe 40 mm.	0,315	18,7 18,7	La Roca
M-4539		Tapa juntas 60 mm. moldura	0,480	27,0 27,0	La Roca
M-4605		Tapa juntas curvo 40 mm.	0,290	18,0 18,0	La Roca

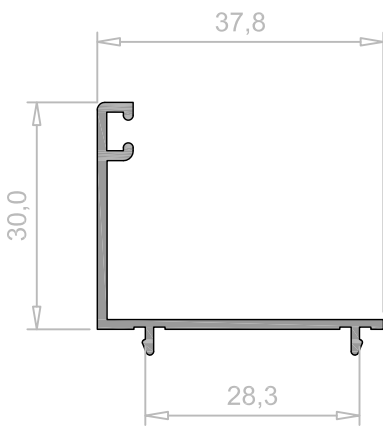
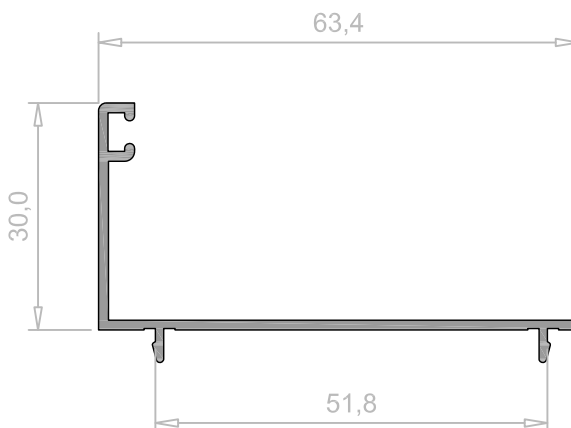
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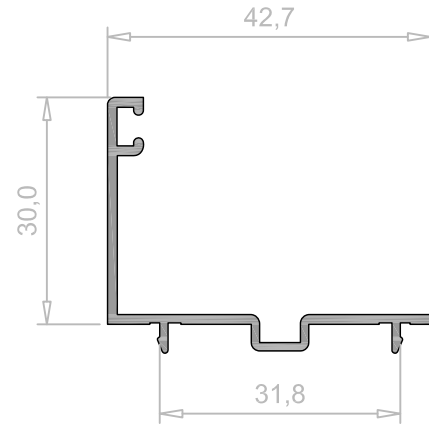
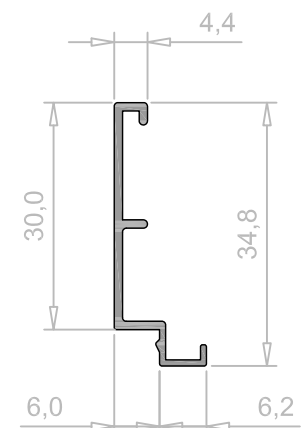
Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-4749		Tapa juntas clipe 30 mm.	0,258	15,5	15,5	La Roca
M-4869		Tapa juntas grampo 65 mm.	0,333	19,1	19,1	La Roca
M-4925		Tapa juntas clipe 40 mm.	0,411	24,2	24,2	La Roca
M-4940		Tapa juntas clipe 40 mm.	0,340	19,7	19,7	La Roca
M-5257		Tapa juntas clipe 40 mm.	0,294	17,5	17,5	La Roca
M-5354		Tapa juntas aperto 65 mm. moldura	0,455	23,0	23,0	La Roca
M-5410		Tapa juntas aperto 40 mm. moldura	0,307	17,8	17,8	La Roca

K.2.- PERFILES 1:1

M-4111					E010425				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa ju. ap. 50mm mold	- mm	11,5 dm ² /m	11,5 dm ² /m	0,294 Kg/m	Tapa juntas 30 mm.	1,1 mm	10,4 dm ² /m	10,4 dm ² /m	0,154 Kg/m
LAR					NAV				
									
2071817					2064537				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa juntas 30 mm.	1,3 mm	15,1 dm ² /m	15,1 dm ² /m	0,240 Kg/m	Tapa juntas 30 mm.	1,0 mm	12,3 dm ² /m	12,3 dm ² /m	0,194 Kg/m
NAV					NAV				
									
2069302					E-14255				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa juntas 30 mm.	1,3 mm	14,7 dm ² /m	14,7 dm ² /m	0,232 Kg/m	Tapa juntas clipe 30 mm.	1,3 mm	15,2 dm ² /m	15,2 dm ² /m	0,254 Kg/m
NAV					LAR				
									
									

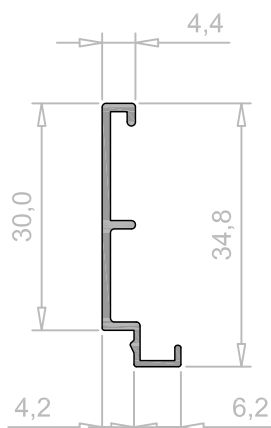
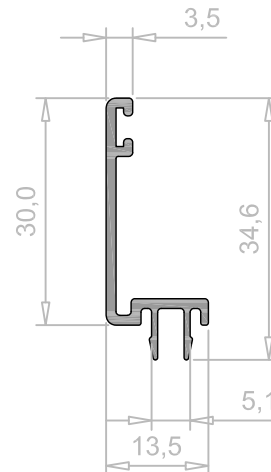
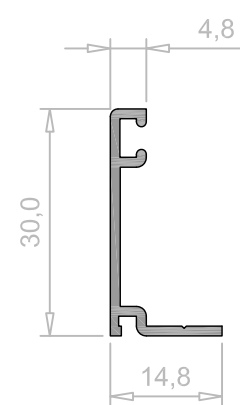
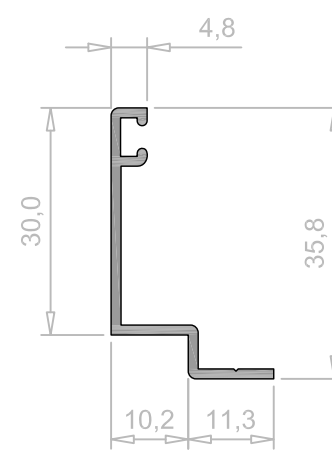
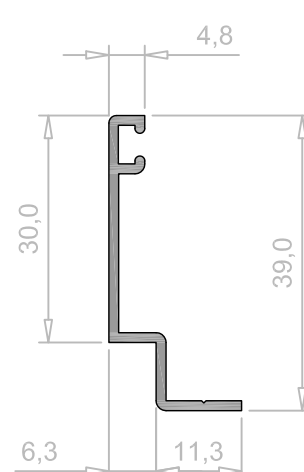
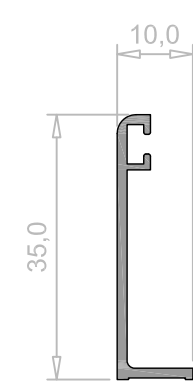
M-4749		Espes.	Sup. Ext.	Sup. Total	Peso	M-4469		Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 30 mm.		1,3 mm	15,5 dm ² /m	15,5 dm ² /m	0,258 Kg/m	Tapa juntas clipe 30 mm.		1,3 mm	17,7 dm ² /m	17,7 dm ² /m	0,305 Kg/m
LAR						LAR					
											

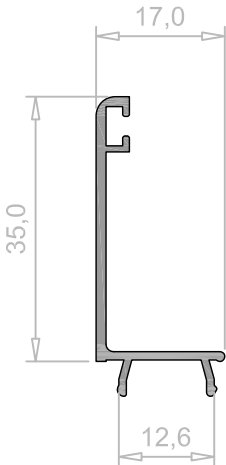
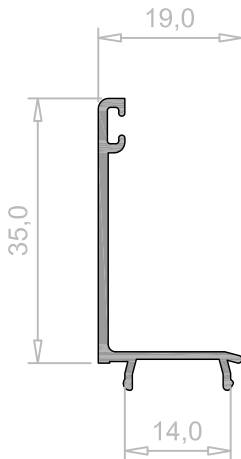
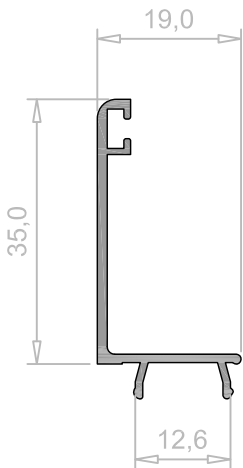
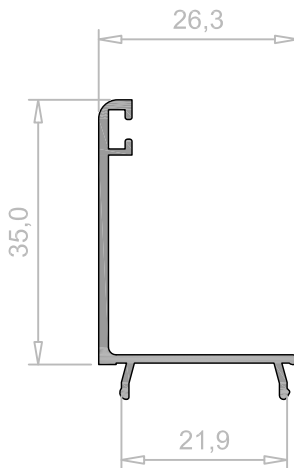
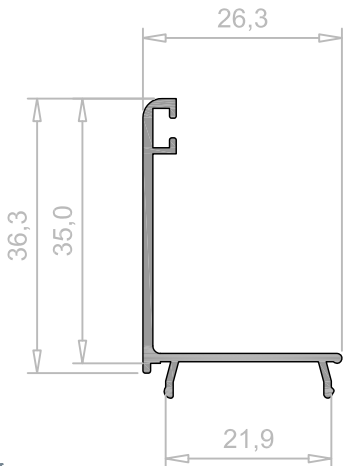
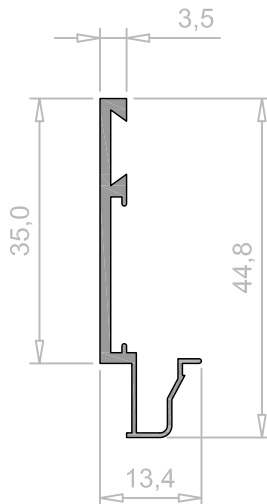
M-4074		Espes.	Sup. Ext.	Sup. Total	Peso	M-4162		Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 30 mm.		1,3 mm	16,7 dm ² /m	16,7 dm ² /m	0,278 Kg/m	Tapa juntas clipe 30 mm.		1,3 mm	22,0 dm ² /m	22,0 dm ² /m	0,376 Kg/m
LAR						LAR					
											

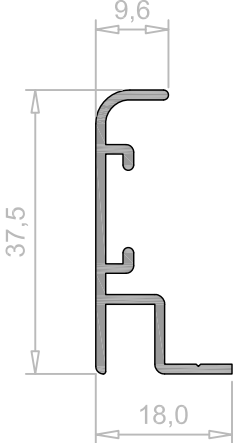
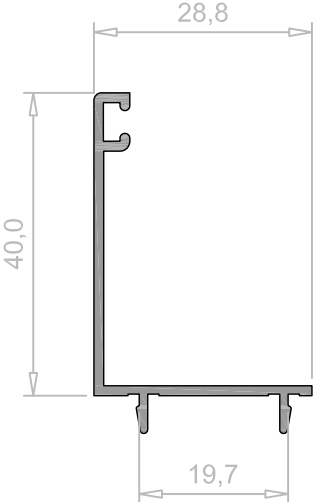
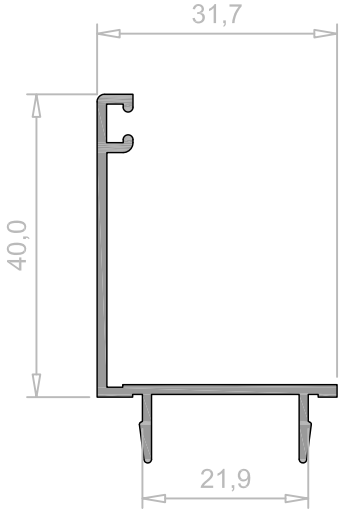
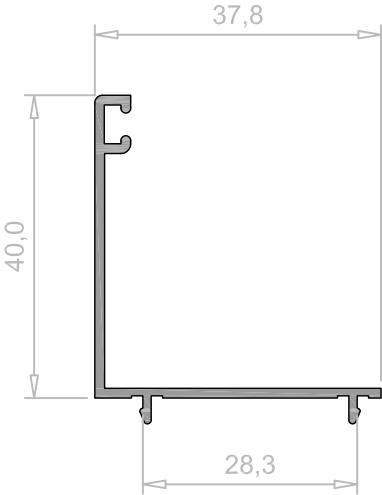
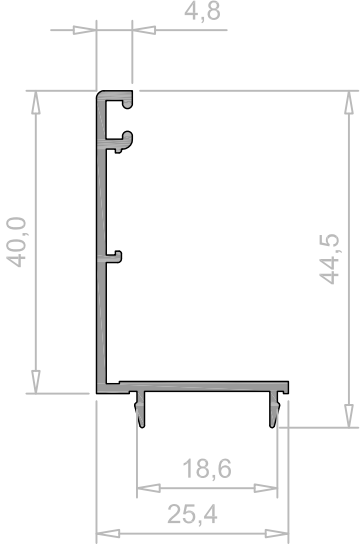
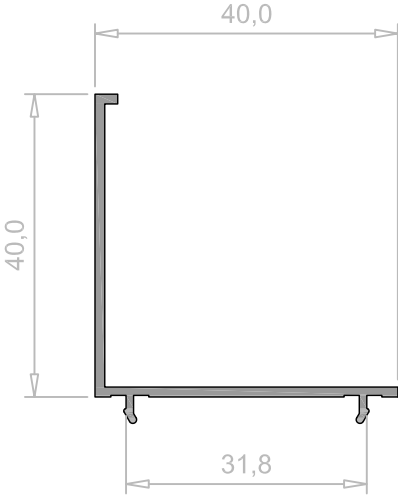
M-2986		Espes.	Sup. Ext.	Sup. Total	Peso	E010741		Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 30 mm.		1,3 mm	19,0 dm ² /m	19,0 dm ² /m	0,341 Kg/m	Tapa juntas 30 mm.		1,1 mm	13,3 dm ² /m	13,3 dm ² /m	0,158 Kg/m
LAR						NAV					
											

extruded by



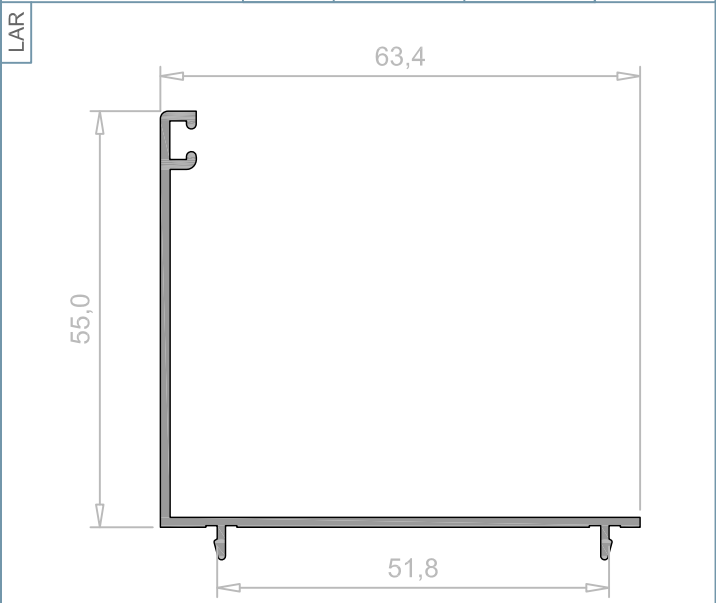
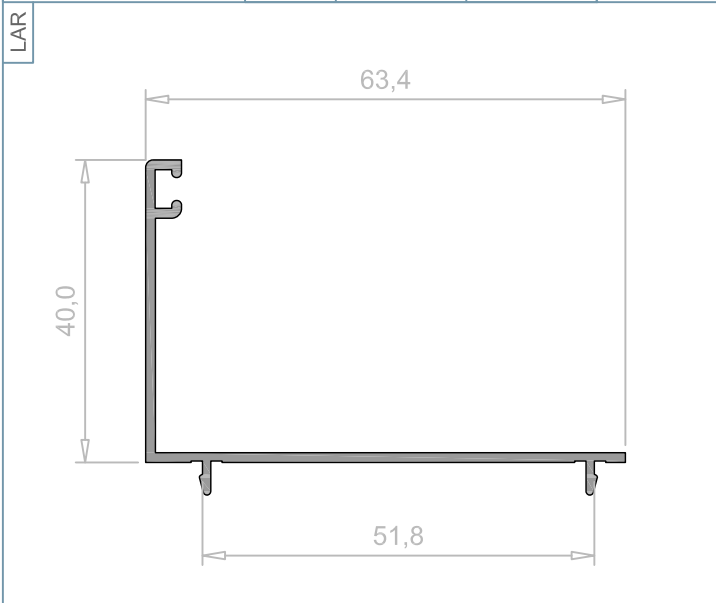
E010893					E011361										
Tapa juntas 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Tapa juntas 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso				
		1,1 mm	11,0 dm ² /m	11,0 dm ² /m	0,154 Kg/m			1,3 mm	13,1 dm ² /m	13,1 dm ² /m	0,214 Kg/m				
NAV						NAV									
															
M-2989					Espes.	Sup. Ext.	Sup. Total	Peso	M-3608						
Tapa juntas guía 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Tapa jun. aperto 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso				
		1,3 mm	11,0 dm ² /m	11,0 dm ² /m	0,189 Kg/m			1,3 mm	13,0 dm ² /m	13,0 dm ² /m	0,224 Kg/m				
LAR						LAR									
															
M-3424					Espes.	Sup. Ext.	Sup. Total	Peso	2066263			Espes.	Sup. Ext.	Sup. Total	Peso
Tapa jun. aperto 30 mm.		Espes.	Sup. Ext.	Sup. Total	Peso	Tapa juntas 35 mm.		Espes.	Sup. Ext.	Sup. Total	Peso				
		1,3 mm	12,8 dm ² /m	12,8 dm ² /m	0,221 Kg/m			1,3 mm	10,5 dm ² /m	10,5 dm ² /m	0,175 Kg/m				
LAR						NAV									
															
extruded by															
															

2064616					2066829				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa juntas 35 mm.	1,3 mm	13,7 dm ² /m	13,7 dm ² /m	0,218 Kg/m	Tapa juntas 35 mm.	1,3 mm	13,3 dm ² /m	13,3 dm ² /m	0,212 Kg/m
NAV 					NAV 				
2065593					2073228				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa juntas 35 mm.	1,3 mm	14,1 dm ² /m	14,1 dm ² /m	0,225 Kg/m	Tapa juntas 35 mm.	1,3 mm	15,7 dm ² /m	15,7 dm ² /m	0,246 Kg/m
NAV 					NAV 				
2064756					E700660				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
Tapa juntas 35 mm.	1,3 mm	15,8 dm ² /m	15,8 dm ² /m	0,249 Kg/m	Tapa juntas 35 mm.	1,4 mm	14,9 dm ² /m	14,9 dm ² /m	0,219 Kg/m
NAV 					NAV 				
extruded by Hydro									

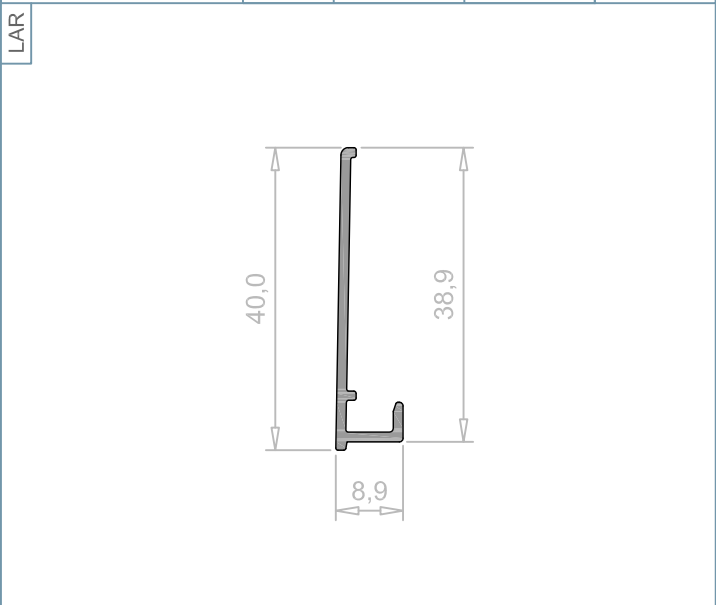
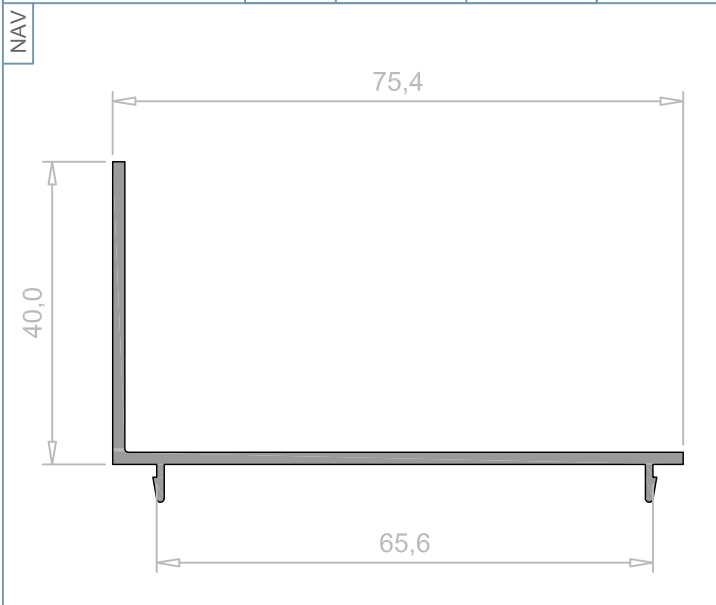
E-15270 Tapa jun. aberto 28 mm. Espes. 1,3 mm Sup. Ext. 16,3 dm²/m Sup. Total 16,3 dm²/m Peso 0,281 Kg/m					M-5257 Tapa juntas clipe 40 mm. Espes. 1,3 mm Sup. Ext. 17,5 dm²/m Sup. Total 17,5 dm²/m Peso 0,294 Kg/m				
LAR 					LAR 				
M-4940 Tapa juntas clipe 40 mm. Espes. 1,3 mm Sup. Ext. 19,7 dm²/m Sup. Total 19,7 dm²/m Peso 0,340 Kg/m					M-4474 Tapa juntas clipe 40 mm. Espes. 1,3 mm Sup. Ext. 18,7 dm²/m Sup. Total 18,7 dm²/m Peso 0,315 Kg/m				
LAR 					LAR 				
E-14256 Tapa juntas clipe 40 mm. Espes. 1,3 mm Sup. Ext. 17,2 dm²/m Sup. Total 17,2 dm²/m Peso 0,289 Kg/m					M-3825 Tapa juntas clipe 40 mm. Espes. 1,3 mm Sup. Ext. 17,9 dm²/m Sup. Total 17,9 dm²/m Peso 0,298 Kg/m				
LAR  extruded by 					LAR 				

M-4156 Tapa juntas clipe 40 mm. LAR					M-1544 Tapa juntas clipe 40 mm. LAR				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,3 mm	21,0 dm ² /m	21,0 dm ² /m	0,348 Kg/m		1,3 mm	19,8 dm ² /m	19,8 dm ² /m	0,324 Kg/m	
E-16826 Tapa juntas clipe 40 mm. LAR					E800102 Tapa juntas clipe 40 mm. NAV				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,3 mm	21,0 dm ² /m	21,0 dm ² /m	0,359 Kg/m		1,3 mm	19,4 dm ² /m	19,4 dm ² /m	0,348 Kg/m	
M-2537 Tapa juntas clipe 40 mm. LAR					E900718 Tapa juntas clipe 40 mm. NAV				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,3 mm	22,0 dm ² /m	22,0 dm ² /m	0,386 Kg/m		1,5 mm	22,6 dm ² /m	22,6 dm ² /m	0,440 Kg/m	

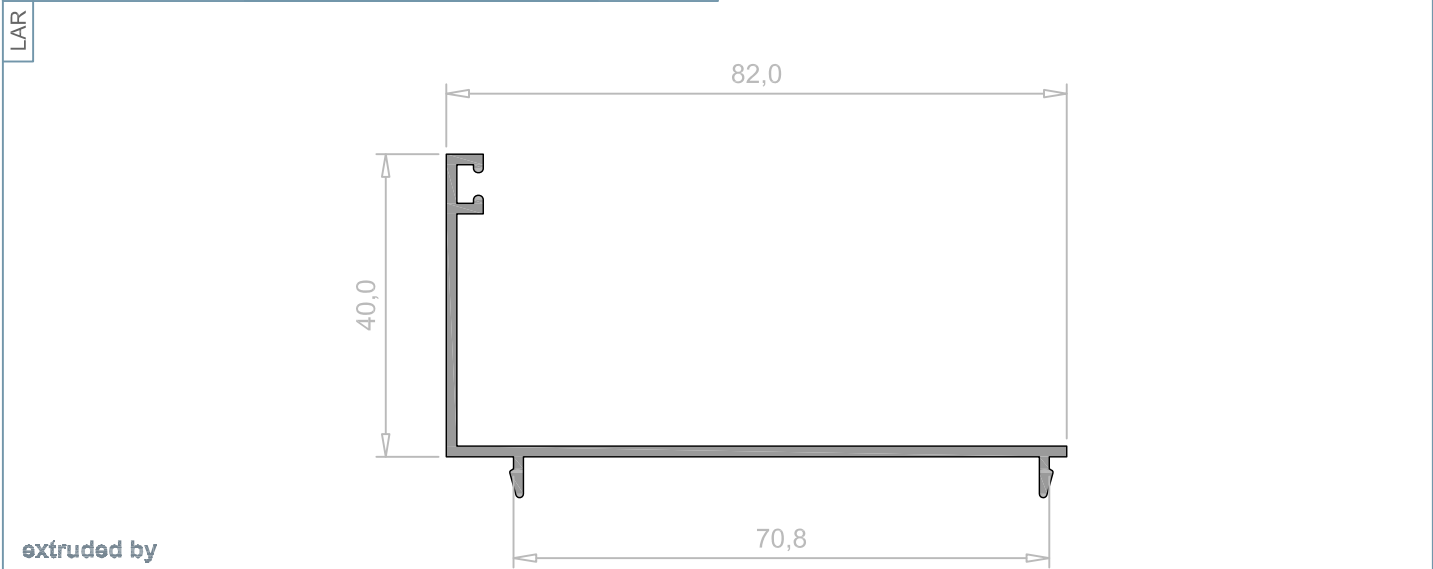
M-4925	Espes.	Sup. Ext.	Sup. Total	Peso	M-4273	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 40 mm.	1,3 mm	24,2 dm ² /m	24,2 dm ² /m	0,411 Kg/m	Tapa juntas clipe 55 mm.	1,3 mm	27,0 dm ² /m	27,0 dm ² /m	0,464 Kg/m

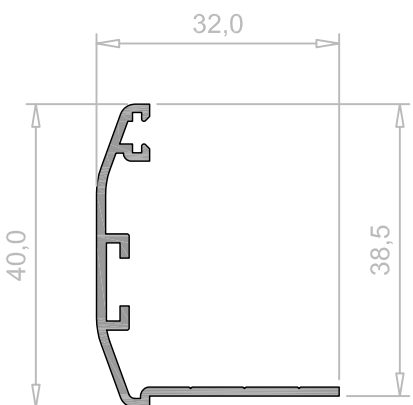
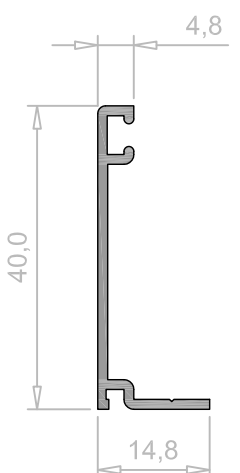
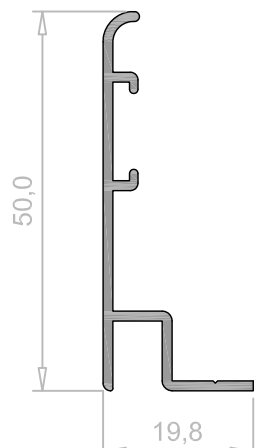
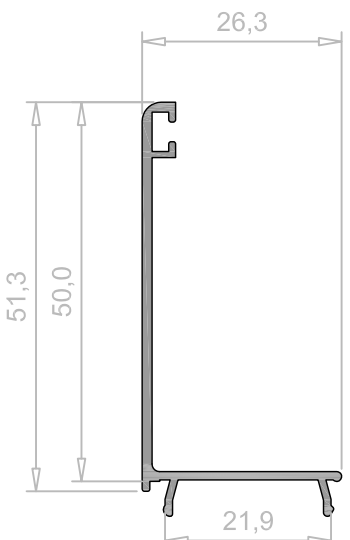
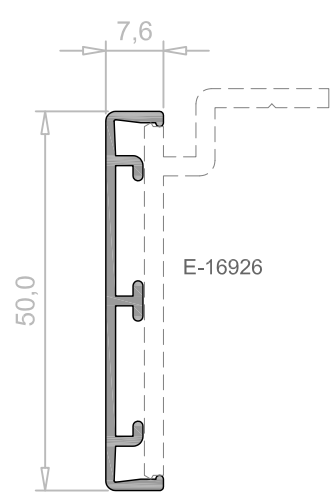
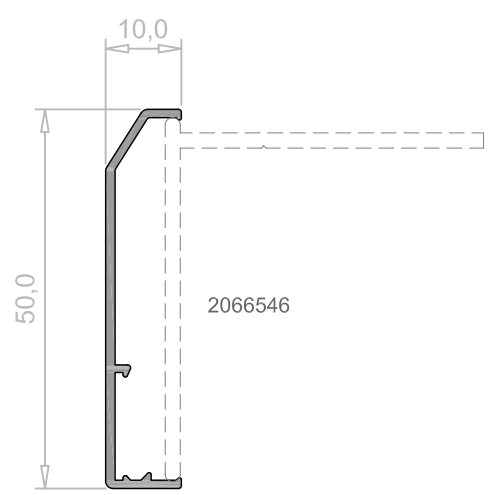


E700052	Espes.	Sup. Ext.	Sup. Total	Peso	E-54307	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 40 mm.	1,6 mm	25,1 dm ² /m	25,1 dm ² /m	0,521 Kg/m	Tapa juntas 40 mm.	1,3 mm	10,7 dm ² /m	10,7 dm ² /m	0,186 Kg/m

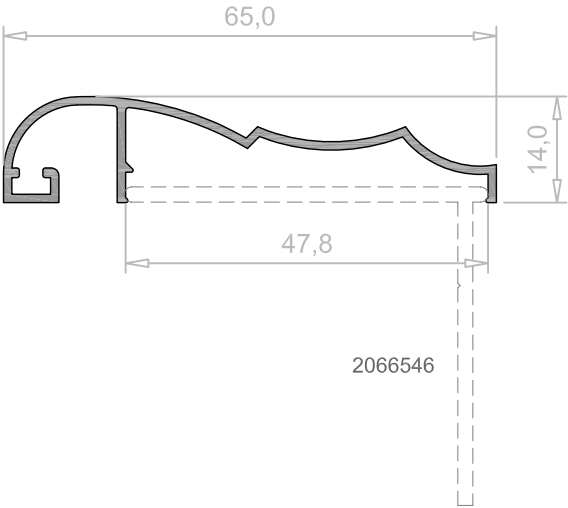
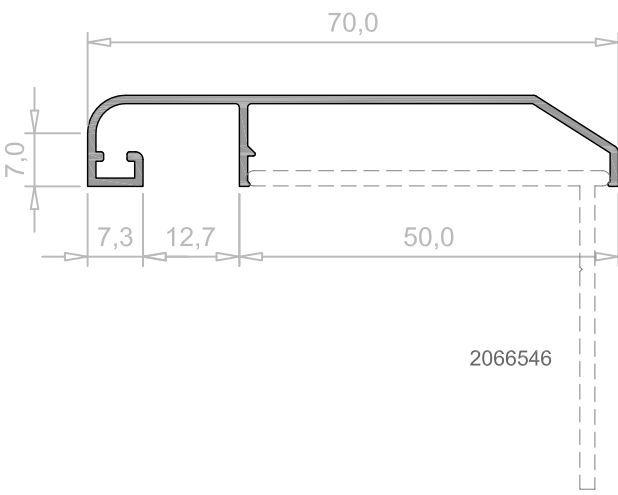
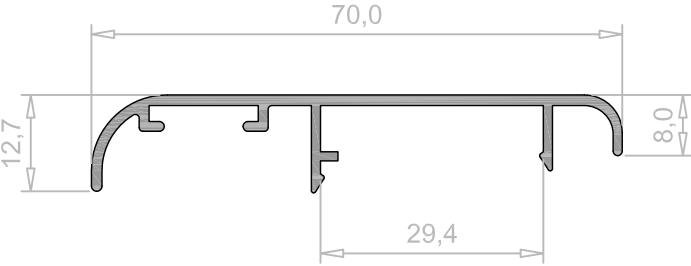
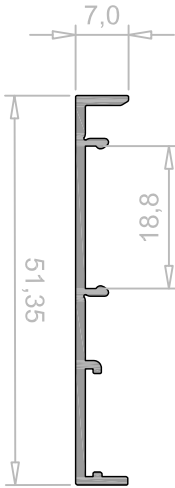
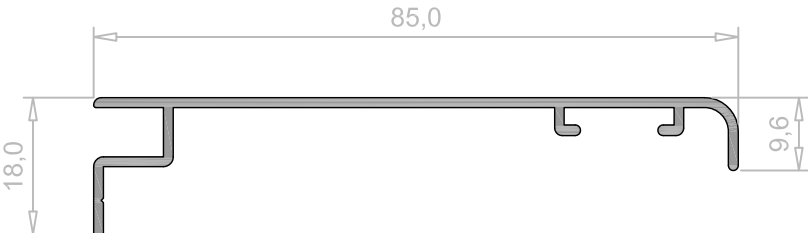


M-2159	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe 40 mm.	1,4 mm	28,2 dm ² /m	28,2 dm ² /m	0,528 Kg/m



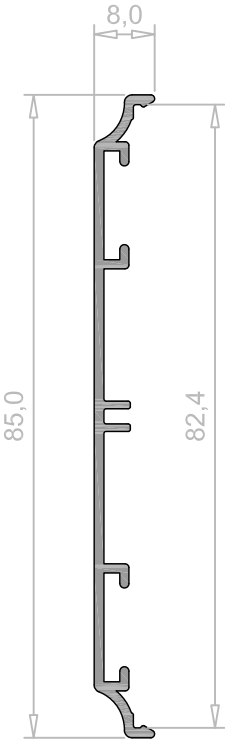
M-4605					M-3678				
Tapa juntas curvo 40 mm	Espes.	Sup. Ext.	Sup. Total	Peso	Tapa juntas guía 40 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
1,3 mm	18,0 dm ² /m	18,0 dm ² /m	0,290 Kg/m		1,3 mm	13,0 dm ² /m	13,0 dm ² /m	0,223 Kg/m	
LAR					LAR				
M-5410					2066191				
Tapa jun. ap. 50mm mold	Espes.	Sup. Ext.	Sup. Total	Peso	Tapa juntas 50 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
1,3 mm	17,8 dm ² /m	17,8 dm ² /m	0,307 Kg/m		1,3 mm	18,8 dm ² /m	18,8 dm ² /m	0,302 Kg/m	
LAR					NAV				
E-13634					E118421				
Tapa jun. grampo 50mm.	Espes.	Sup. Ext.	Sup. Total	Peso	Tapa juntas 50 mm.	Espes.	Sup. Ext.	Sup. Total	Peso
1,3 mm	16,3 dm ² /m	16,3 dm ² /m	0,283 Kg/m		1,25 mm	13,7 dm ² /m	13,7 dm ² /m	0,219 Kg/m	
LAR					NAV				
extruded by  Hydro									

2065520 Tapa juntas 50 mm. NAV					M-3231 T. jun. gram. 50mm mold LAR				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,1 mm	13,4 dm ² /m	13,4 dm ² /m	0,196 Kg/m		1,3 mm	14,0 dm ² /m	14,0 dm ² /m	0,250 Kg/m	
E900987 Tapa juntas 50 mm. NAV					M-5354 Tapa jun. ap. 65mm mold LAR				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,3 mm	18,4 dm ² /m	18,4 dm ² /m	0,316 Kg/m		1,3 mm	23,0 dm ² /m	23,0 dm ² /m	0,455 Kg/m	
M-4869 Tapa jun. grampo 60 mm LAR					M-3232 T. jun. gram. 65mm mold LAR				
Espes.	Sup. Ext.	Sup. Total	Peso		Espes.	Sup. Ext.	Sup. Total	Peso	
1,3 mm	19,1 dm ² /m	19,1 dm ² /m	0,333 Kg/m		1,3 mm	21,0 dm ² /m	21,0 dm ² /m	0,374 Kg/m	
extruded by Hydro									

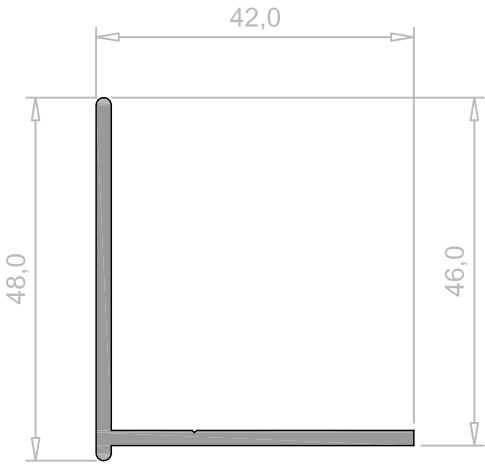
2066775					Espes.	Sup. Ext.	Sup. Total	Peso	2069698					Espes.	Sup. Ext.	Sup. Total	Peso										
Tapa juntas 65mm mold					1,1 mm	21,2 dm ² /m	21,2 dm ² /m	0,317 Kg/m	Tapa juntas 70mm mold					1,1 mm	21,7 dm ² /m	21,7 dm ² /m	0,323 Kg/m										
NAV														NAV													
E010135					Espes.	Sup. Ext.	Sup. Total	Peso	2078961					Espes.	Sup. Ext.	Sup. Total	Peso										
Tapa juntas 70 mm.					1,4 mm	22,9 dm ² /m	22,9 dm ² /m	0,413 Kg/m	Tapa juntas 51,35 mm.					1,3 mm	14,6 dm ² /m	14,6 dm ² /m	0,242 Kg/m										
NAV														NAV													
E-15271					Espes.	Sup. Ext.	Sup. Total	Peso																			
Tapa jun. ap. 75mm mold					1,3 mm	25,8 dm ² /m	25,8 dm ² /m	0,448 Kg/m																			
LAR																											
extruded by																											
																											

E011445	Espes.	Sup. Ext.	Sup. Total	Peso	2066546	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas 85 mm.	1,3 mm	23,6 dm ² /m	23,6 dm ² /m	0,409 Kg/m	Grampo tapa juntas	2,0 mm	17,8 dm ² /m	17,8 dm ² /m	0,473 Kg/m

NAV

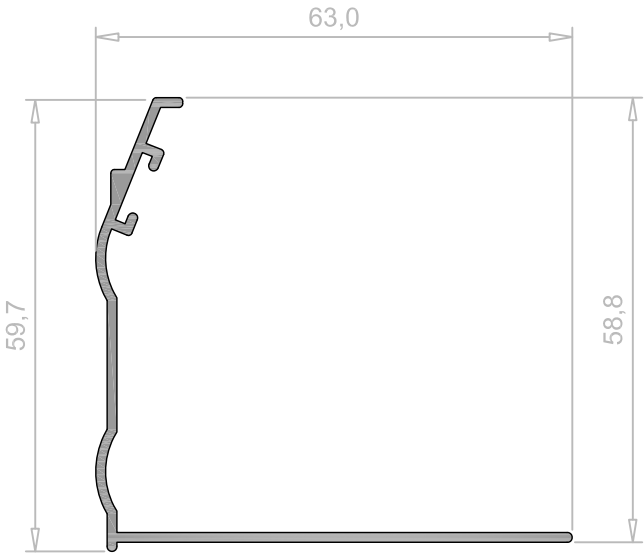


NAV

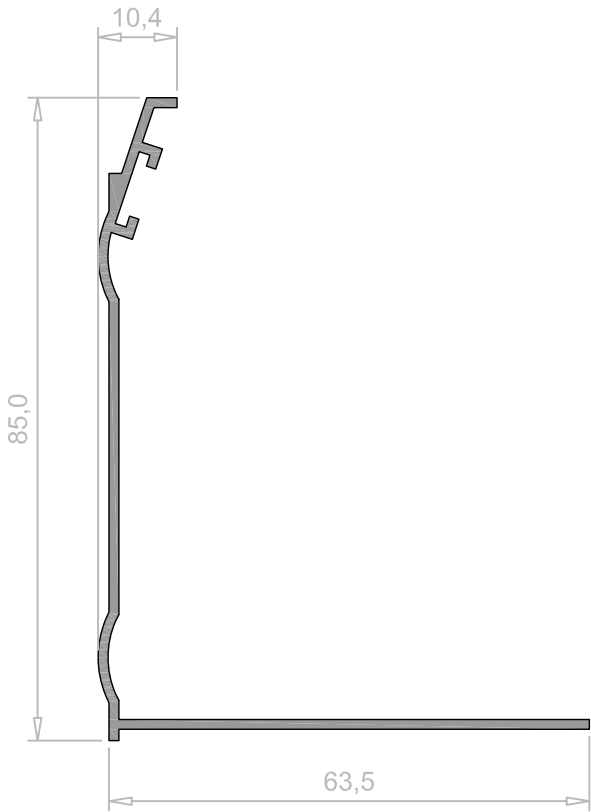


M-4539	Espes.	Sup. Ext.	Sup. Total	Peso	E-6013	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas 60 mm. mold	1,3 mm	27,0 dm ² /m	27,0 dm ² /m	0,480 Kg/m	Tapa juntas 85 mm.	1,3 mm	32,5 dm ² /m	32,5 dm ² /m	0,575 Kg/m

LAR

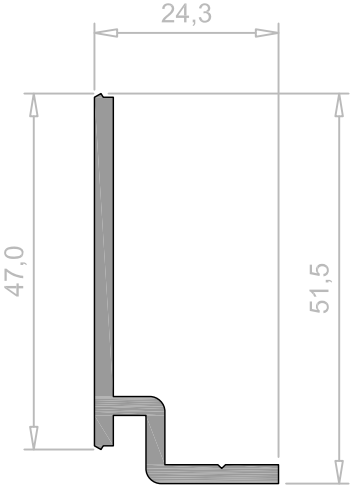


LAR



E-16926	Espes.	Sup. Ext.	Sup. Total	Peso
Tapa juntas clipe	2,5 mm	15,8 dm ² /m	15,8 dm ² /m	0,510 Kg/m

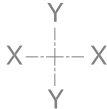
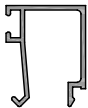
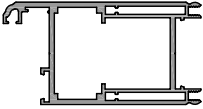
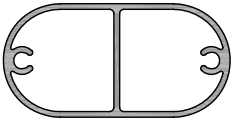
LAR



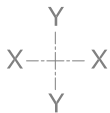
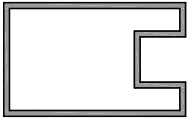
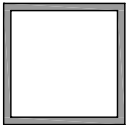
L. PORTÃO

L.1.- LISTAGEM

Listagem

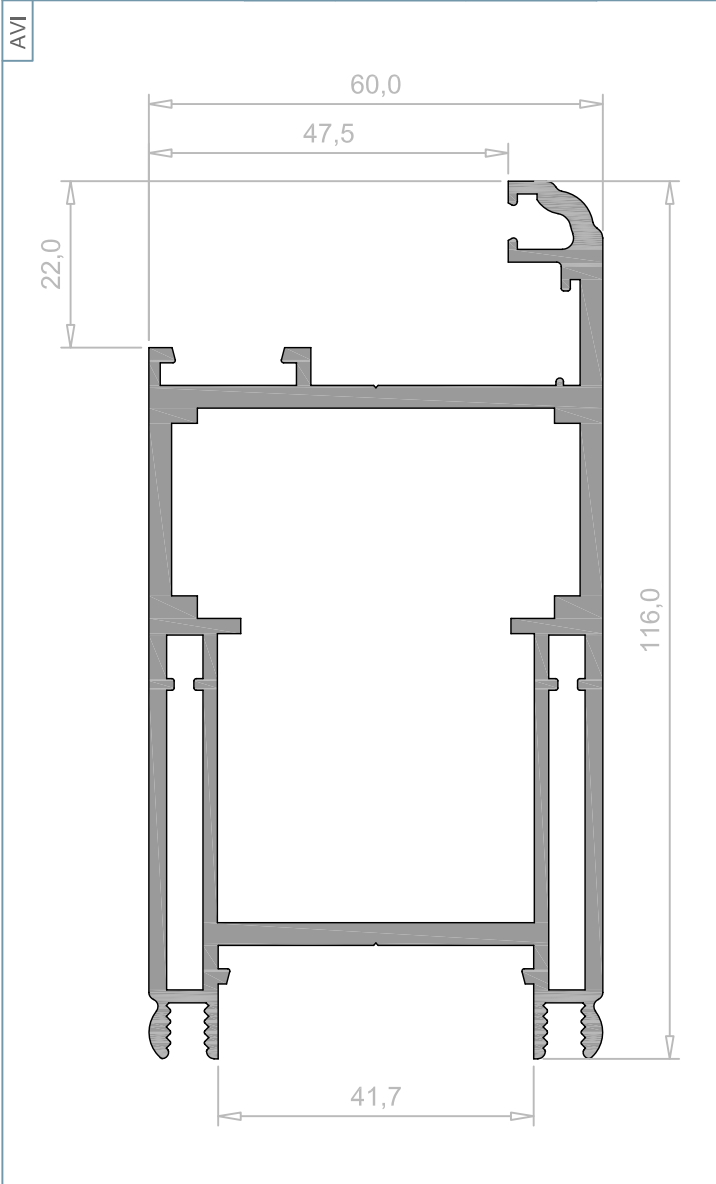
Perfil	Secção 	Descrição	Peso Kg./m	Superfície Exterior (dm ² /m) Total (dm ² /m)	Fábrica
2058949		Bite recto 21 mm.	0,270	16,8 16,8	Avintes
2059848		Bite recto 16 mm.	0,255	15,8 15,8	Avintes
2060830		Standard 50x20x2	0,713	14,0 26,4	Navarra
2064052		Bite curvo 21 mm.	0,252	15,7 15,7	Avintes
2072169		Folha	3,242	48,9 96,0	Avintes
2072358		Perfil de guia	1,530	41,2 50,6	Navarra
E555169		Standard 60x20x2	0,821	16,0 30,4	Navarra
E-371319		Remate portões	0,844	15,4 39,1	La Roca
E-372171		Tampa	0,245	13,7 13,7	La Roca
M-5211		Aro fixo 50 mm.	1,514	26,4 44,4	La Roca
M-5212		Aro fixo 80 mm.	2,190	36,4 64,4	La Roca

Listagem

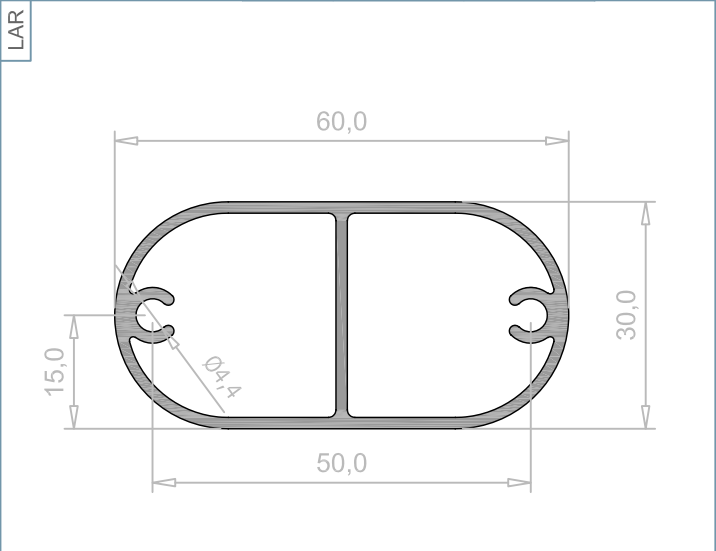
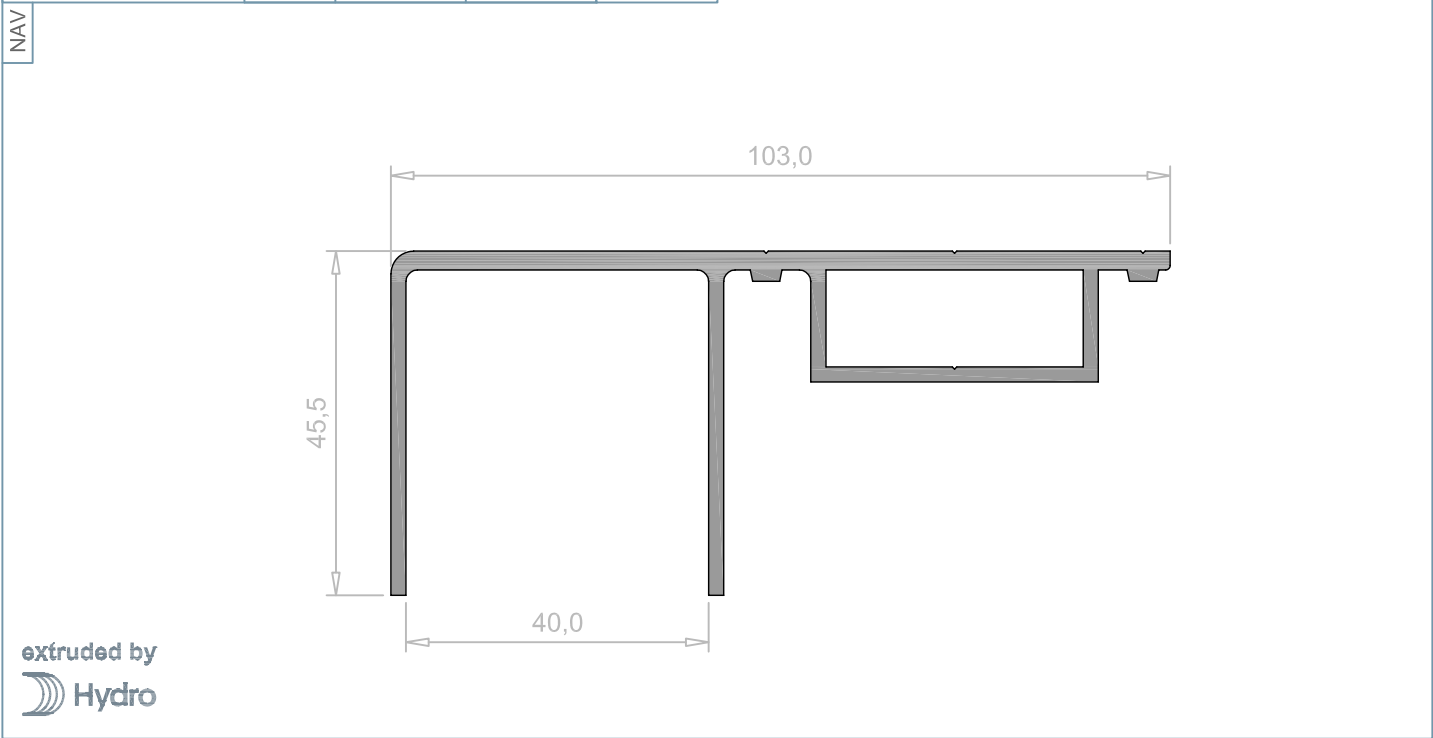
Perfil	Secção 	Descrição	Peso Kg./m	Superfície		Fábrica
				Exterior (dm ² /m)	Total (dm ² /m)	
M-5213		Aro fixo 80 mm. sem sobreposição	1,958	30,0 58,0		La Roca
TC-43074		Standard 50x50x3	1,523	20,0 37,6		La Roca

L.2.- PERFIS 1:1

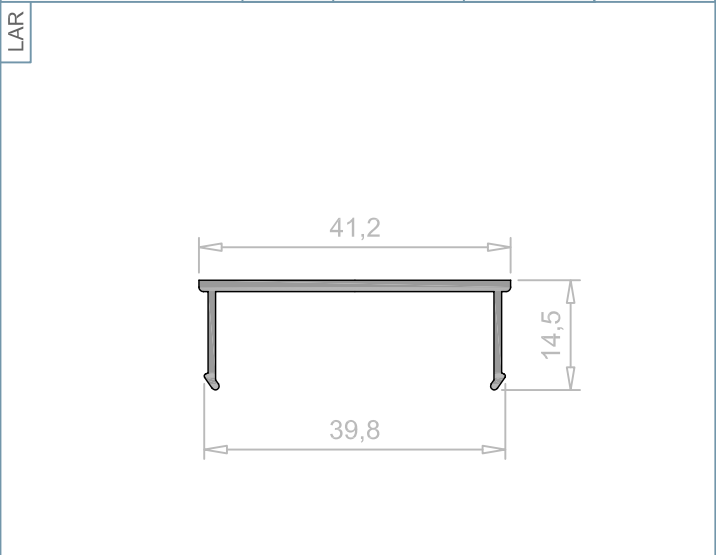
2072169	Espes.	Sup. Ext.	Sup. Total	Peso	E-371319	Espes.	Sup. Ext.	Sup. Total	Peso
Folha	3,0 mm	48,9 dm ² /m	96,0 dm ² /m	3,24 Kg/m	Remate portões	1,5 mm	15,4 dm ² /m	39,1 dm ² /m	0,844 Kg/m



2072358	Espes.	Sup. Ext.	Sup. Total	Peso
Perfil de guia	2,5 mm	41,2 dm ² /m	50,6 dm ² /m	1,53 Kg/m



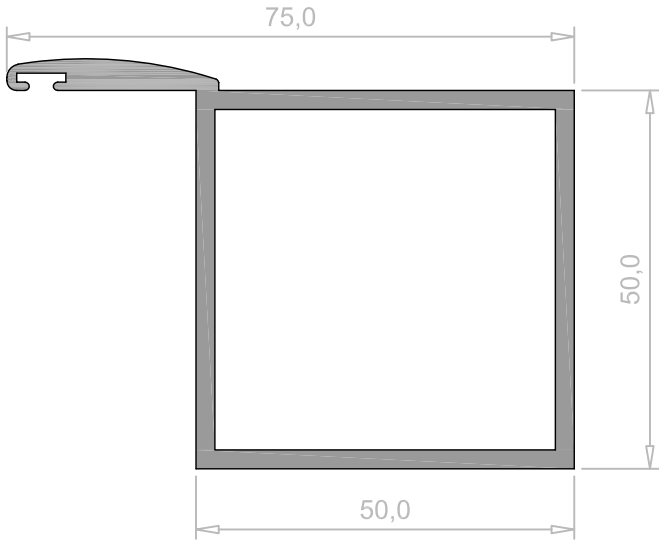
E-372171	Espes.	Sup. Ext.	Sup. Total	Peso
Tampa	1,5 mm	13,7 dm ² /m	13,7 dm ² /m	0,245 Kg/m



2059848 Bite recto 16 mm. Espes.1,2 mm Sup. Ext.15,8 dm²/m Sup. Total15,8 dm²/m Peso0,255 Kg/m					2058949 Bite recto 21 mm. Espes.1,2 mm Sup. Ext.16,8 dm²/m Sup. Total16,8 dm²/m Peso0,270 Kg/m				
AVI					AVI				
2064052 Bite curvo 21 mm. Espes.1,2 mm Sup. Ext.15,7 dm²/m Sup. Total15,7 dm²/m Peso0,252 Kg/m					2060630 Standard 50x20x2 Espes.2,0 mm Sup. Ext.14,0 dm²/m Sup. Total26,4 dm²/m Peso0,713 Kg/m				
AVI					NAV				
E555169 Standard 60x20x2 Espes.2,0 mm Sup. Ext.16,0 dm²/m Sup. Total30,4 dm²/m Peso0,821 Kg/m					TC-43074 Standard 50x50x3 Espes.3,0 mm Sup. Ext.20,0 dm²/m Sup. Total37,6 dm²/m Peso1,523 Kg/m				
NAV					LAR				

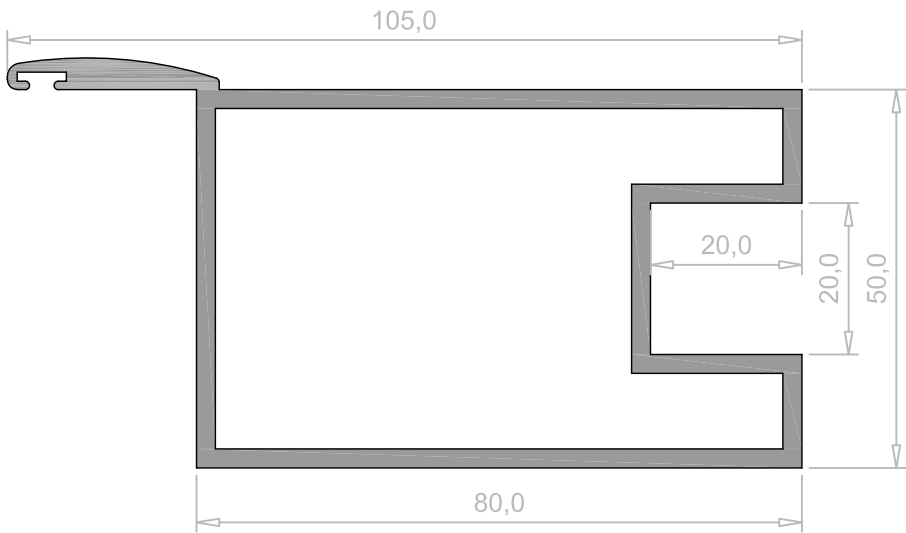
M-5211	Espes.	Sup. Ext.	Sup. Total	Peso
Aro fixo 50 mm.	2,5 mm	26,4 dm ² /m	44,4 dm ² /m	1,514 Kg/m

LAR



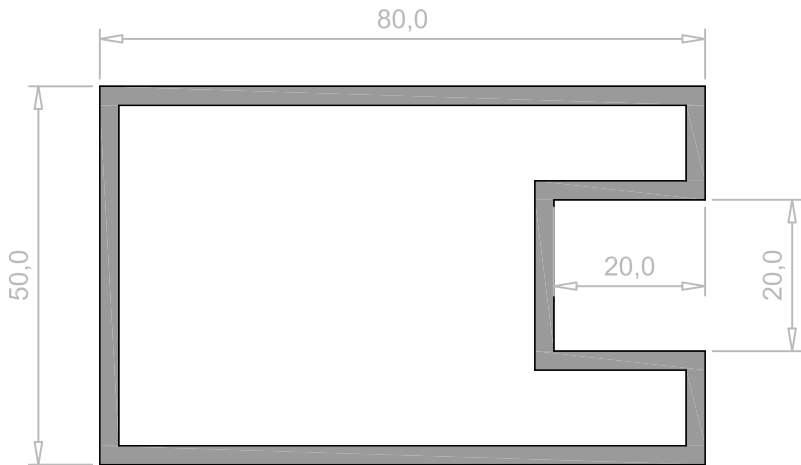
M-5212	Espes.	Sup. Ext.	Sup. Total	Peso
Aro fixo 80 mm.	2,5 mm	36,4 dm ² /m	64,4 dm ² /m	2,190 Kg/m

LAR



M-5213	Espes.	Sup. Ext.	Sup. Total	Peso
Aro fixo 80 mm. s/sobrep	2,5 mm	30,0 dm ² /m	58,0 dm ² /m	1,958 Kg/m

LAR





A Hydro conta com mais de 50 anos de ciencia e experiencia aplicada em soluções de aluminio extruido.

Oferecemos todo tipo de serviços, desde a formação em alumínio até ao desenho, a produção, a fabricação e o tratamento e acabamento de superficies. O nosso negocio divide-se em cinco áreas de trabalho que une e completa todo o ciclo do aluminio, desde a extração de minerais (Bauxita), até a elaboração de soluções por laminação e extrusão, através da produção do aluminio primario e a disponibilidade de fabricas de produção de energia. Temos mais de 150 locais e 35.000 trabalhadores distribuídos em 40 países.

Na Iberia, a Hydro Extrusion, baseia o seu modelo de negocio com a colaboração com os clientes para o desenvolver de soluções mais inovadoras e eficazes baseadas nos perfis de aluminio extrudido, produzidos em qualquer das nossas quatro fabricas de extrusión na península ibérica. Desde o nosso extenso portfólio de productos, temos uma gama de soluções de perfis standard: barras, tubos... servidos com garantia de qualidade e serviço da Hydro, e as vantagens do aluminio extrudido.

- **Hydro Extrusion Spain S.A.U.**

- **Fábrica Irurtzun:**

- C/Aralar, 9,
31860 Irurtzun (Navarra)
Tel. **+34 948 507 125** Fax. **+34 948 507 136**

- **Fábrica La Roca:**

- Pl Can Font de la Parrera, s/n. St. Agnès de Malanyanes
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- **Fábrica La Selva:**

- Pl Milenium. Avda. Aluminio s/n.
43470 La Selva del Camp (Tarragona)
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- **Hydro Aluminium Extrusion Portugal HAEP S.A.**

- **Fábrica Avintes:**

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