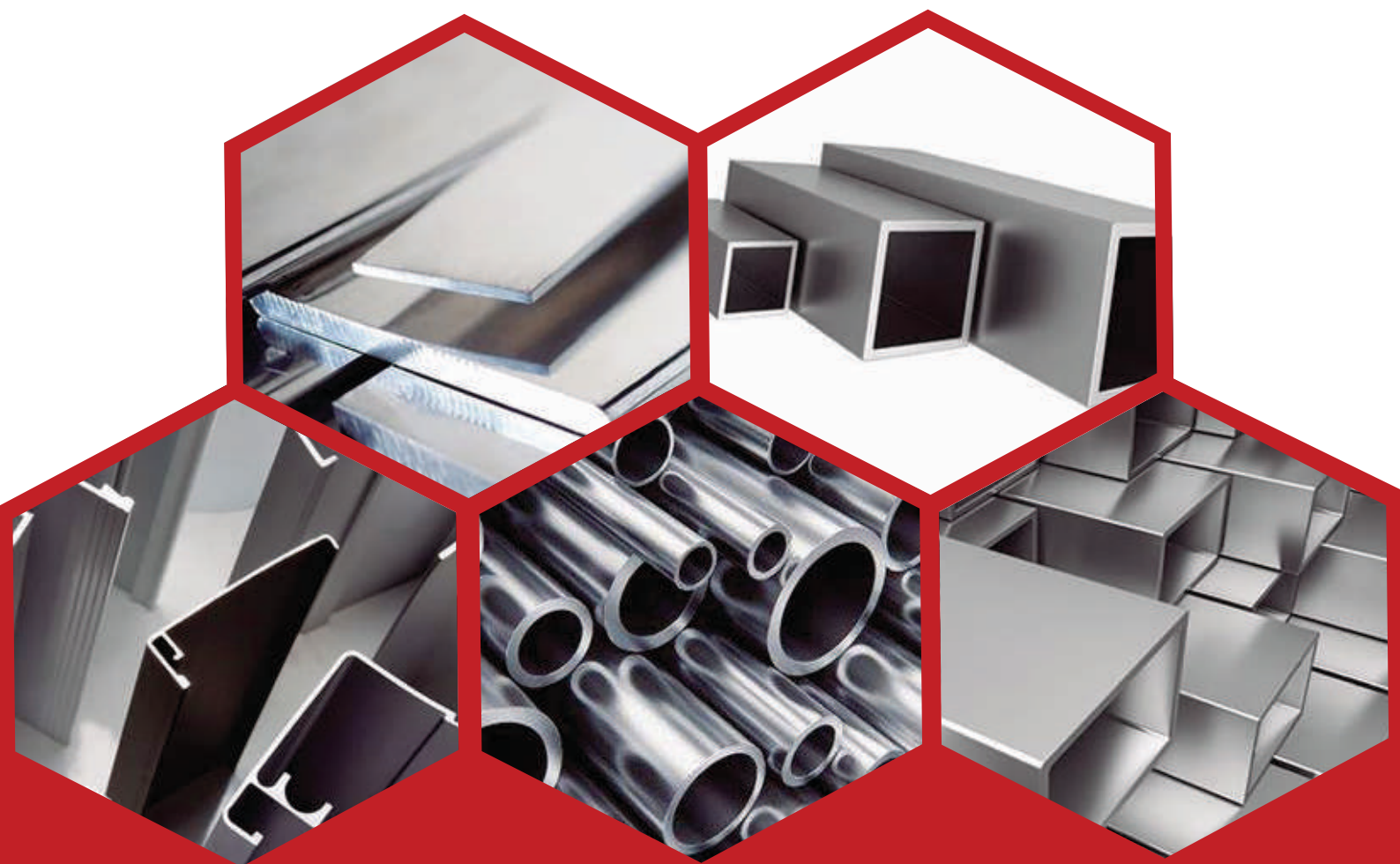


PRONTO ALUMÍNIO

CATÁLOGO DE PRODUTOS



📍 Av. Celso Garcia, 6090 - Tatuapé
São Paulo/SP - CEP 03064-000

📱 @pronto_aluminio

📘 prontoaluminio

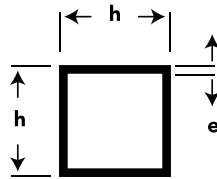
☎ 11 2602.4244 | ☎ 11 2092.3066 📞 11 91016-2119

🌐 WWW.PRONTOALUMINIO.COM.BR

LINHAS

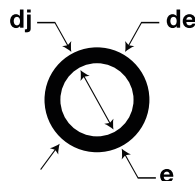
TUBOS	Páginas 04 a 06
ARREMATES	Páginas 07
CONTRAMARCO	Páginas 08 a 10
LINHA 25	Páginas 11 a 19
LINHA 30	Páginas 20 a 29
LINHA 42	Páginas 30 a 32
PORTÃO/GRADE	Páginas 33 a 39
GUARDA CORPO	Páginas 40 a 41
SUPREMA	Páginas 42 a 69
LINHA GOLD	Páginas 70 a 82
INTEGRADA	Páginas 83 a 87
FACHADA CORTINA	Páginas 88 a 92
FACHADA	Páginas 93 a 124
TEMPERADO	Páginas 125 a 127
TEMPERADO/BOX	Páginas 128
BOX/SACADA	Páginas 129
SACADAS	Páginas 130
LINHA X-20	Páginas 131 a 140
DIVERSOS	Páginas 141 a 142

TUBO QUADRADO



PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm	mm	mm
		h	e	h
TUB - 4001	0,200	12,70	1,65	1/2
TUB - 4002	0,233	15,90	1,50	5/8
TUB - 4003	0,284	19,05	1,50	3/4
TUB - 4008	0,386	25,40	1,50	1
TUB - 4011	0,491	31,75	1,50	1.1/4
TUB - 4014	0,591	38,10	1,50	1.1/2
TUB - 4020	1,055	50,80	2,00	2
TUB - 4034	1,526	80,00	1,80	-
TUB - 4054	2,676	101,60	2,50	4
TUB - 4061	0,268	25,40	1	1"
TUB - 4020L	0,645	50,80	1,20	2"

TUBO REDONDO

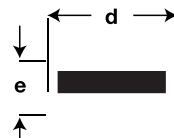


PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm			pol.		
		d.e	d.j	e	d.e	d.j	e
TUB - 001	0,076	9,52	7,52	1,00	3/8	-	1.00
TUB - 003	0,108	9,53	6,35	1,59	3/8	1/4	1/16
TUB - 009	0,120	12,70	10,00	1,24	1/2	-	1.24
TUB - 010	0,150	12,70	9,52	1,59	1/2	3/8	1/16
TUB - 017	0,124	15,88	13,88	1,00	5/8	-	-
TUB - 019	0,192	15,88	12,70	1,59	5/8	1/2	1/16
TUB - 026	0,153	19,05	17,05	1,00	3/4	-	1.00
TUB - 027	0,184	19,05	16,57	1,24	3/4	-	-
TUB - 028	0,234	19,05	15,87	1,59	3/4	5/8	1/16
TUB - 036	0,180	22,22	20,22	1,00	7/8	-	-
TUB - 044	0,205	25,40	23,40	1,00	1	-	-
TUB - 046	0,320	25,40	22,22	1,59	1	7/8	1/16
TUB - 069	0,467	38,10	35,10	1,50	1.1/2	-	-
TUB - 461	0,282	31,75	29,75	1,00	1.1/4	-	1.00
TUB - 503	0,807	76,2	-	1,27	-	-	-
TUB - 504	0,553	50,80	-	1,27	4"	-	1.00
TUB - 610	0,668	50,80	47,90	1,50	2	-	-

TUBO RETANGULAR



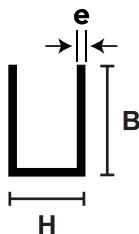
PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm			pol.	
		b	h	e	b	h
TUB - 4501	0,310	12,70	25,40	1,65	1/2	1
TUB - 4504	0,800	25,40	50,80	2,00	2	1
TUB - 4513	0,918	38,10	50,80	2,00	1.1/2	2
TUB - 4517	1,190	38,10	76,20	2,00	1.1/2	3
TUB - 4520	3,181	38,10	152,40	3,20	1.1/2	6
TUB - 4536	0,521	12,70	50,80	1,60	1/2	2
TUB - 4537	1,750	38,10	101,60	2,40	1.1/2	4
TUB - 4543	0,875	38,10	60,30	1,70	1.1/2	2.3/8
TUB - 4545	0,645	25,40	38,10	2,00	1	1.1/2
TUB - 4559	3,206	50,80	152,40	3,00	2	2
TUB - 4563	0,479	25,40	50,80	1,20	-	-
TUB - 4599	0,479	101,80	50,80	2	4	2
TUB - 4509	0,497	20,00	30,00	2	-	-
TUB - 4530	2,385	50,80	101,60	3,05	2	4



BARRA CHATA

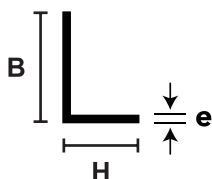
PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm		pol.	
		b	e	b	e
BAR - 010	0,082	9,52	3,18	3/8	1/8
BAR - 012	0,109	12,70	3,18	1/2	1/8
BAR - 013	0,136	15,88	3,18	5/8	1/8
BAR - 014	0,164	19,05	3,18	3/4	1/8
BAR - 015	0,191	22,22	3,18	7/8	1/8
BAR - 016	0,218	25,40	3,18	1	1/8
BAR - 019	0,273	31,75	3,18	1.1/4	1,8
BAR - 022	0,327	38,10	3,18	1.1/2	1/8
BAR - 027	0,436	50,80	3,18	2	1/8
BAR - 032	0,674	76,20	3,18	3	1/8
BAR - 036	0,872	76,20	3,18	4	1/8
BAR - 047	0,163	12,70	4,76	1/2	3/16
BAR - 049	0,209	15,88	4,76	5/8	3/16
BAR - 050	0,245	19,05	4,76	3/4	3/16
BAR - 052	0,286	22,22	4,76	7/8	3/16
BAR - 053	0,236	25,40	4,76	1	3/16
BAR - 054	0,408	31,75	4,76	1.1/4	3/16
BAR - 057	0,490	38,10	4,76	1.1/2	3/16
BAR - 061	0,653	50,80	4,76	2	3/16
BAR - 086	0,217	12,70	6,35	1/2	1/4
BAR - 088	0,272	15,88	6,35	5/8	1/4
BAR - 089	0,326	19,05	6,35	3,4	1/4
BAR - 090	0,380	22,22	6,35	7/8	1/4
BAR - 091	0,435	25,40	6,35	1	1/4
BAR - 093	0,544	31,75	6,35	1.1/4	1/4
BAR - 096	0,653	38,10	6,35	1.1/2	1/4
BAR - 100	0,870	50,80	6,35	2	1/4

PERFIS U DE ABAS IGUAIS



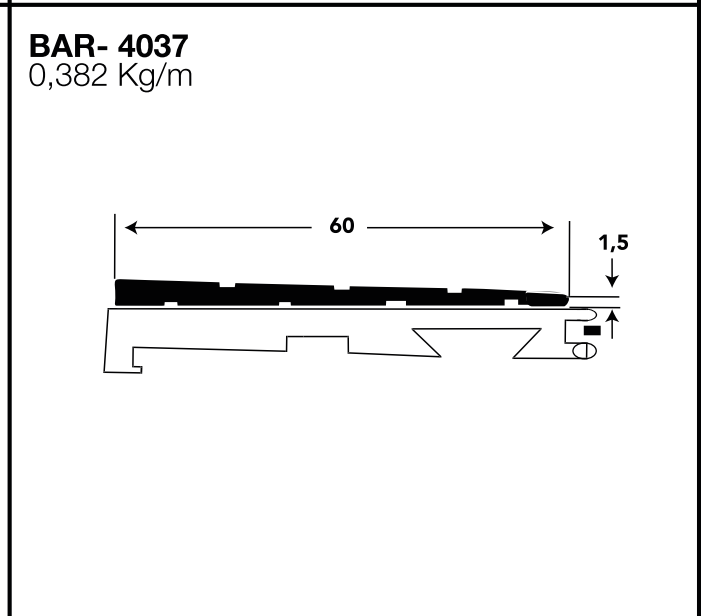
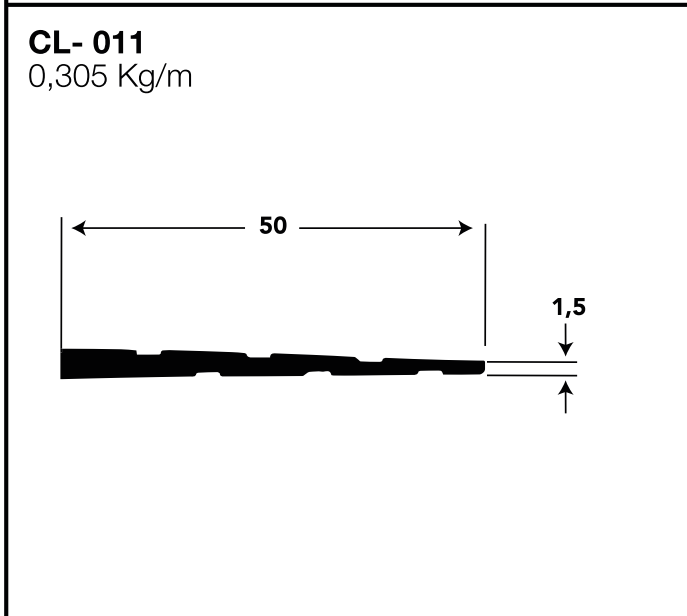
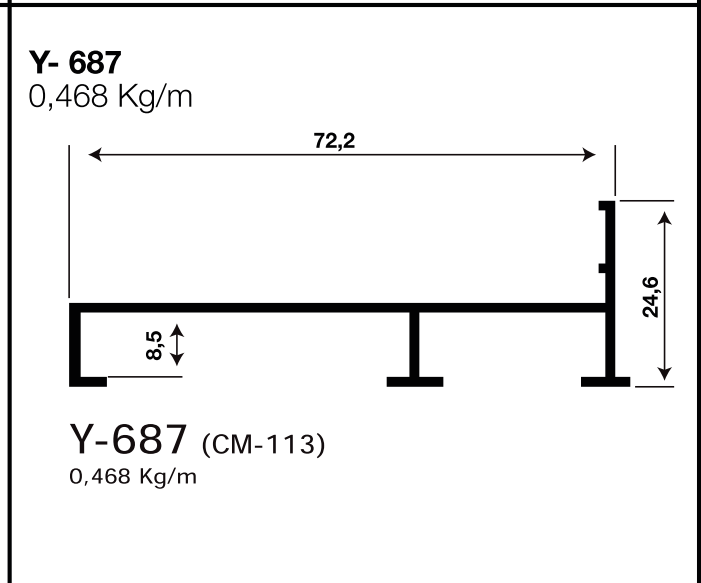
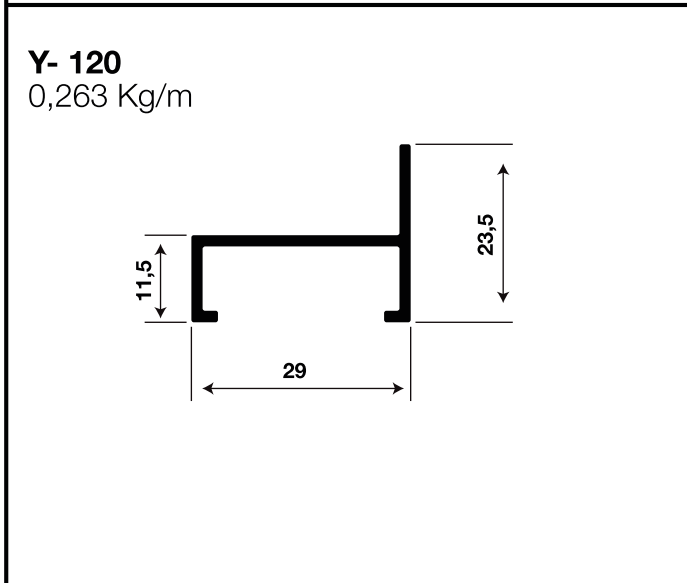
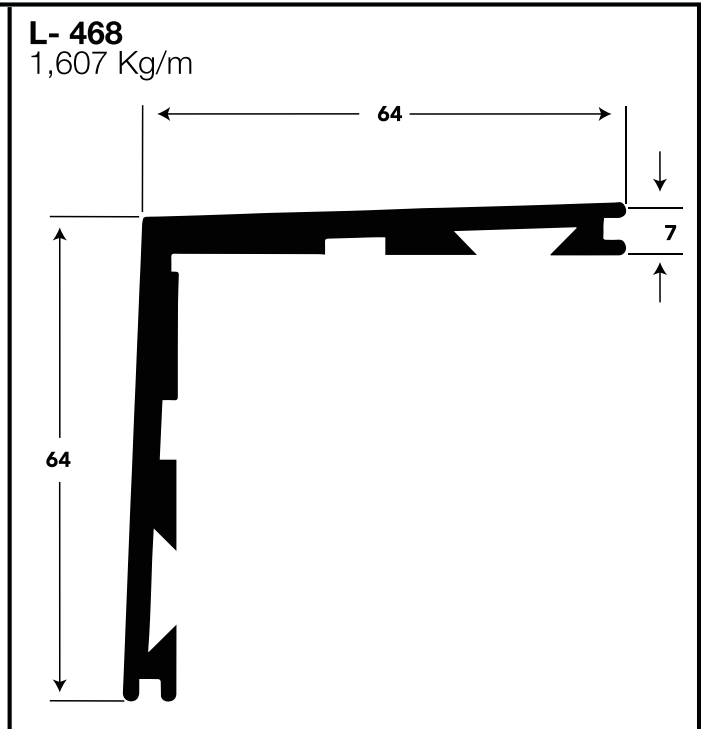
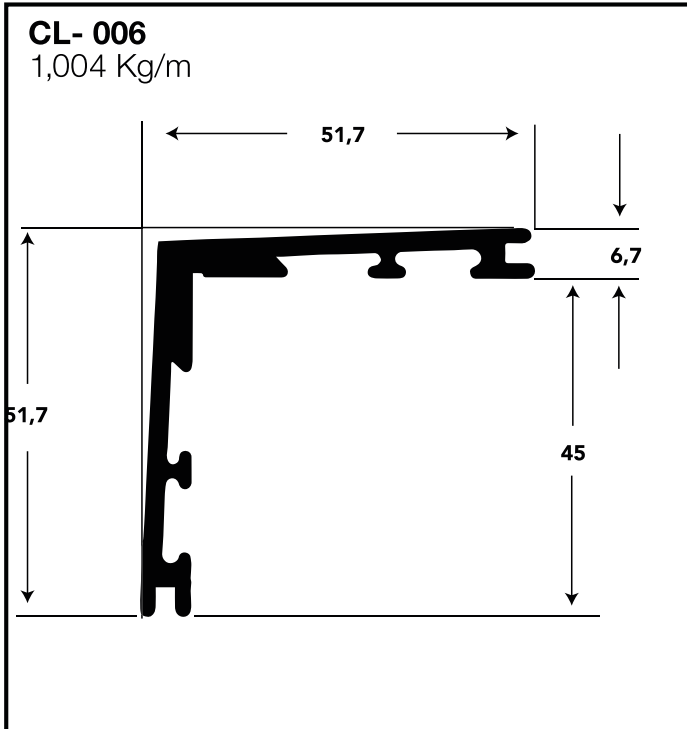
PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm		pol.	
		h = b	e	h = b	e
U - 036	0,108	9,50	1,60	3/8	1/16
U - 037	0,177	9,50 / 12,70	1,60	?	?
U - 044	0,151	12,70	1,60	1/2	1/16
U - 064	0,367	22,20	2,40	7/8	-
U - 509	0,192	15,90	1,60	-	1/16

**CANTONEIRAS DE
ABAS IGUAIS**

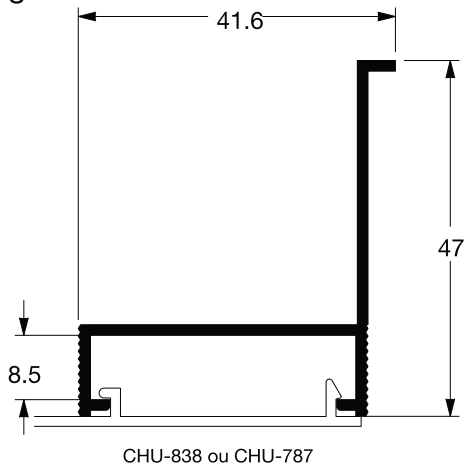


PERFIL ALCAN N°	PESO LINEAR (KG/M)	mm		pol.	
		h = b	e	h = b	e
L - 002	0,100	12,70	1,59	1/2	1/16
L - 009	0,150	19,05	1,59	3/4	1/16
L - 013	0,210	25,40	1,59	1	1/16
L - 014	0,410	25,40	3,18	1	1/8
L - 018	0,515	31,75	3,18	1.1/4	1/8
L - 022	0,620	38,10	3,18	1.1/2	1/8
L - 023	0,921	38,10	4,75	1.1/2	3/16
L - 025	0,840	50,80	3,18	2	1/8
L - 026	1,240	50,80	4,76	2	3/16
L - 093	0,300	25,40	12,70	3,18	1/2
L - 104	0,600	50,80	25,40	3,18	1
L - 104A	0,600	50,80	25,40	1,58	1/2
L - 405	0,130	15,88	1,59	-	1/16
L - 612	0,540	50,80	50,80	2	-
L - 744	0,317	38,10	1,57	1.1/2	1/16

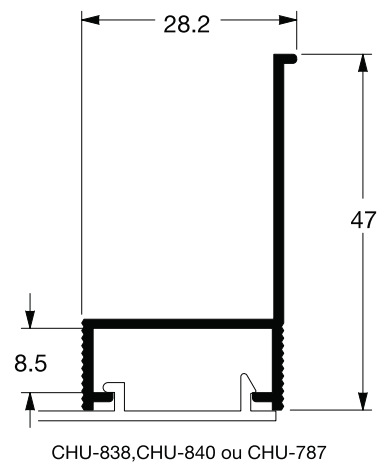
<p>T- 124 0,168 Kg/m</p>	<p>T- 155 0,184 Kg/m</p>	<p>T- 122 0,150 Kg/m</p>	<p>E- 613 0,162 Kg/m</p>
<p>T- 102 0,245 Kg/m</p>	<p>ME- 013 0,267 Kg/m</p>	<p>MP- 347 0,182 Kg/m</p>	
<p>T- 136 0,137 Kg/m</p>	<p>T- 095 0,210 Kg/m</p>	<p>E- 504 0,175 Kg/m</p>	
<p>ME- 092 0,305 Kg/m</p>			



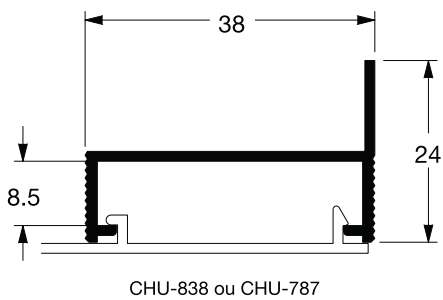
●
CM-098
0,392 kg/m



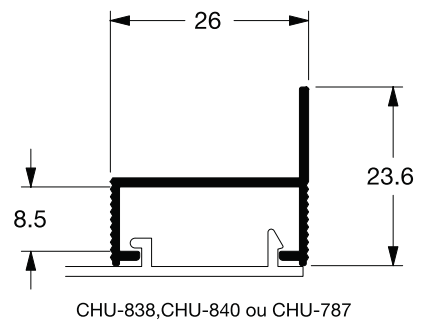
●
CM-151
0,309 kg/m



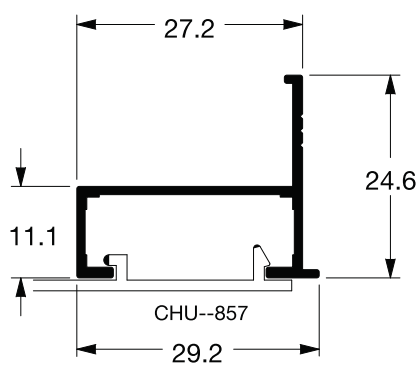
●
CM-060
0,276 kg/m



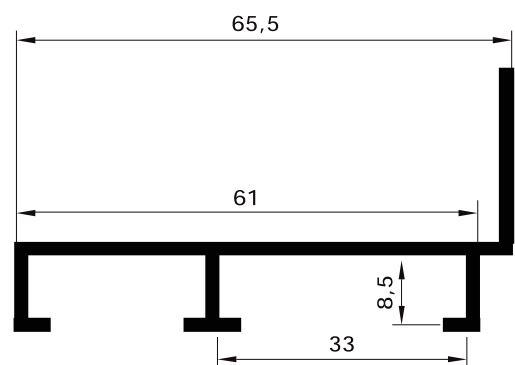
●
CM-063
0,198 kg/m



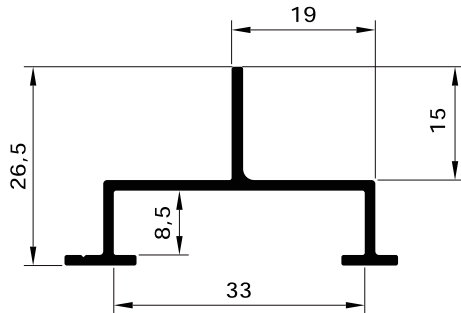
●
Y-721
0,209 kg/m



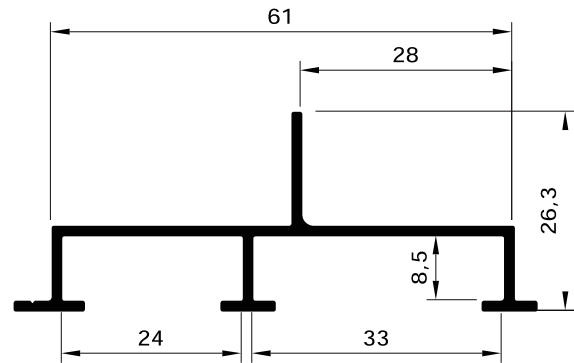
●
Y-715
0,493 kg/m



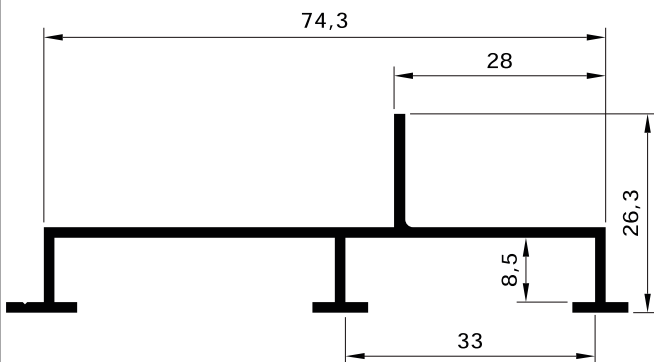
Y-206
0,327 kg/m



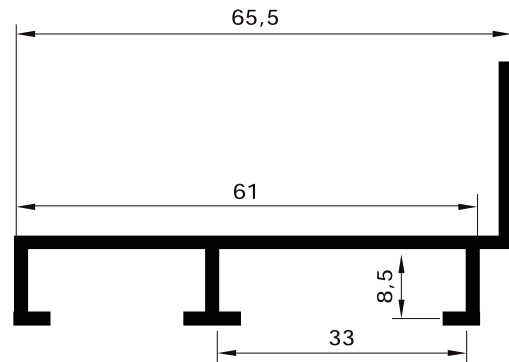
E-189
0,477 kg/m



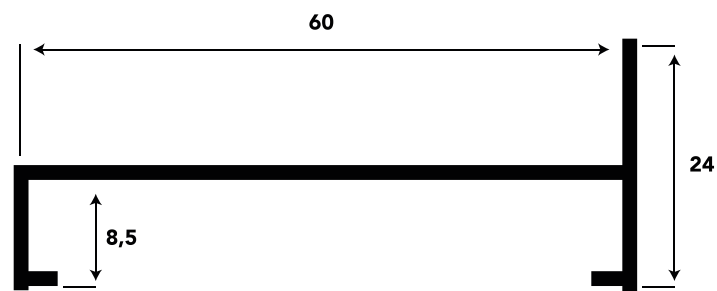
E-184
0,531 kg/m



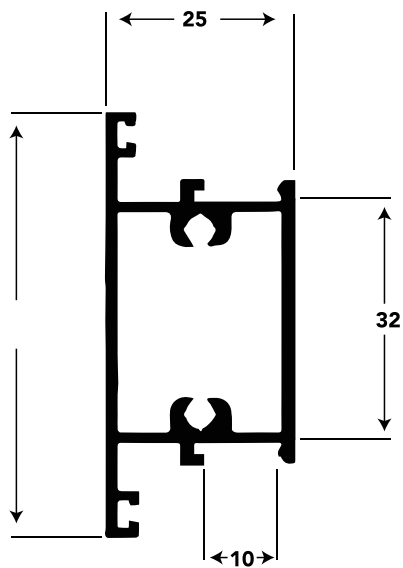
Y-715
0,493 kg/m



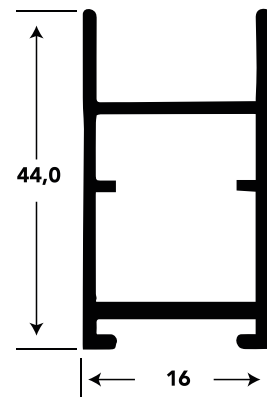
CM-174
0,391 kg/m



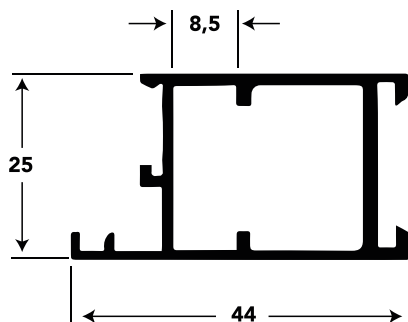
P- 319
0,721 Kg/m



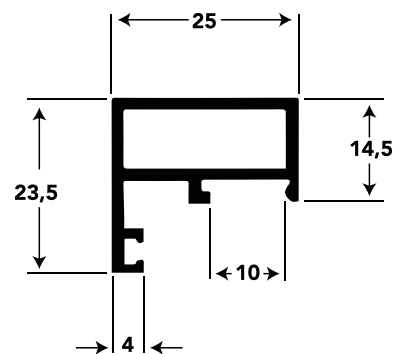
A- 207
0,595 Kg/m



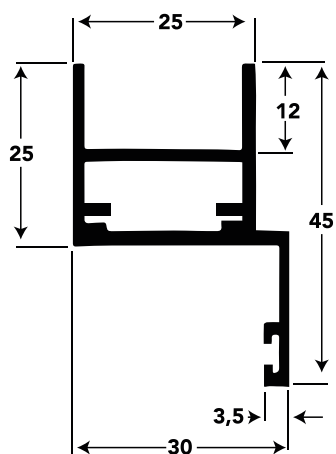
P- 416
0,591 Kg/m



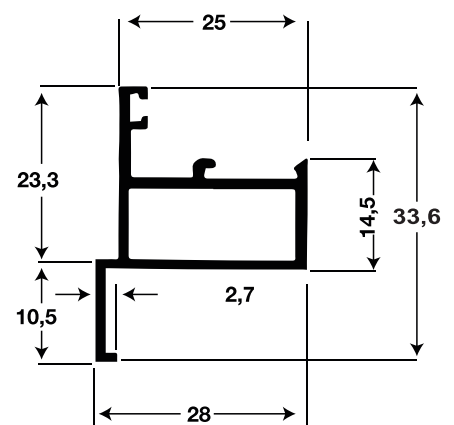
P- 147
0,325 Kg/m



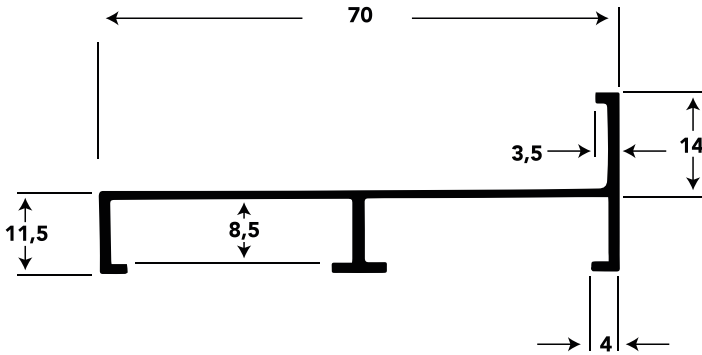
P- 155
0,531 Kg/m



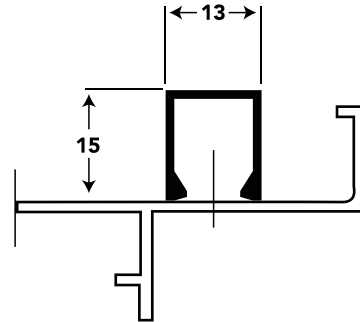
P- 167
0,379 Kg/m



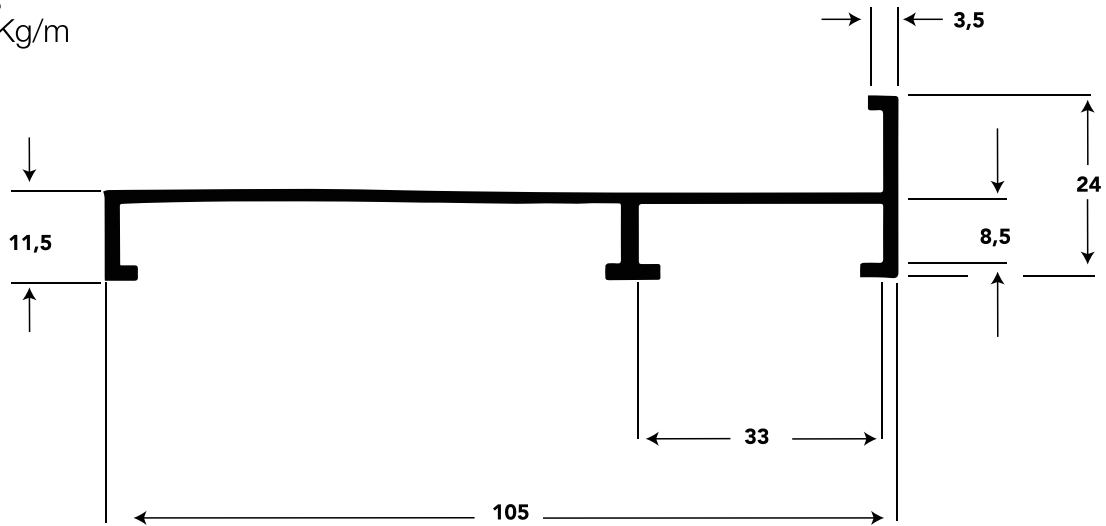
E- 277
0,509 Kg/m



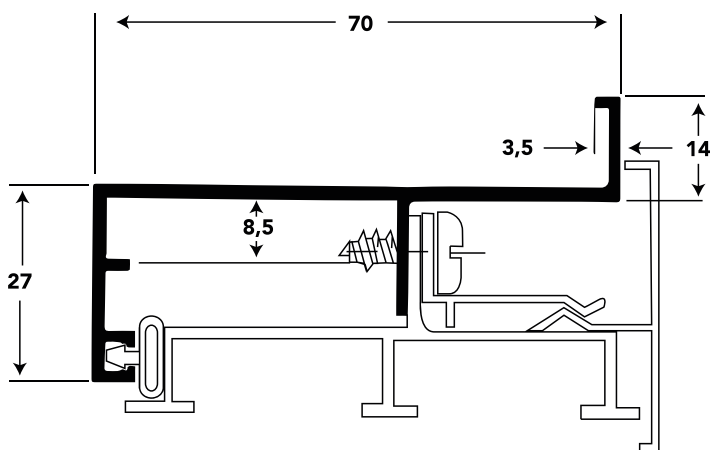
U- 425
0,145 Kg/m



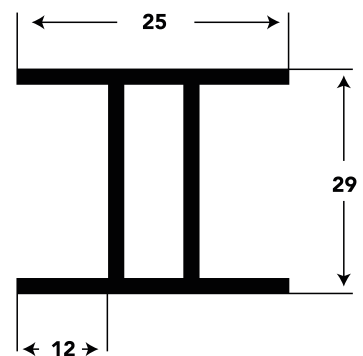
E- 484
0,650 Kg/m



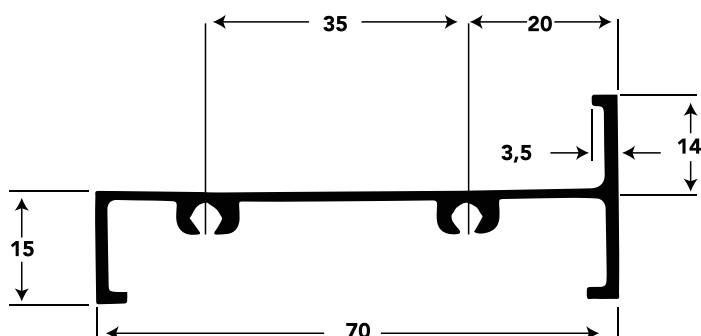
Z- 114
0,564 Kg/m



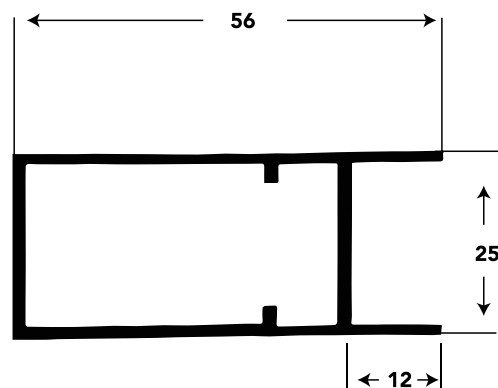
A- 034
0,500 Kg/m



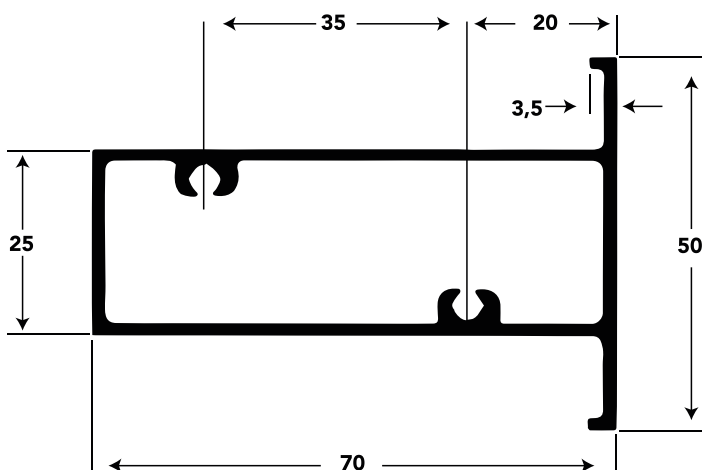
Z- 175
0,569 Kg/m



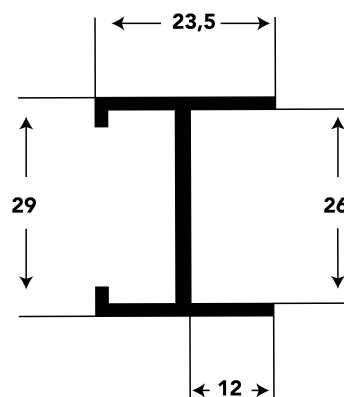
A- 194
0,653 Kg/m



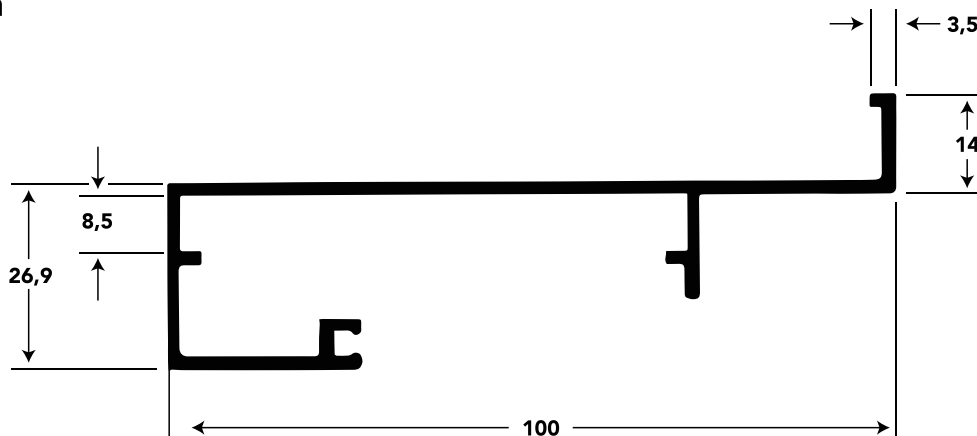
P- 274
0,976 Kg/m



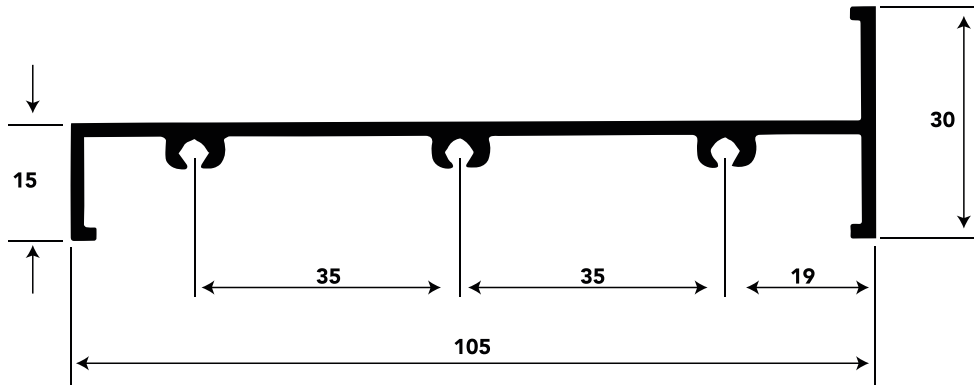
I- 090
0,282 Kg/m



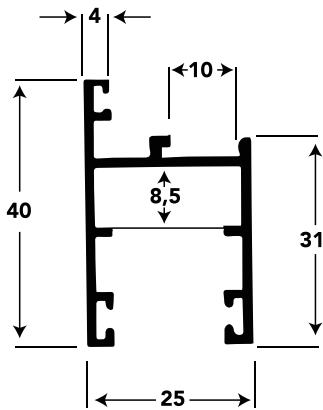
Z- 192
0,829 Kg/m



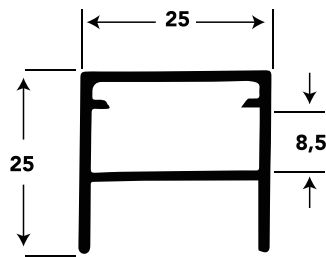
Y- 260
0,792 Kg/m



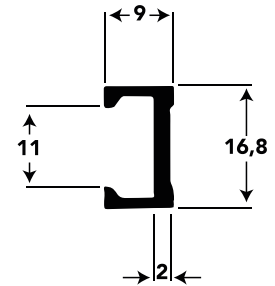
Y- 195
0,444 Kg/m



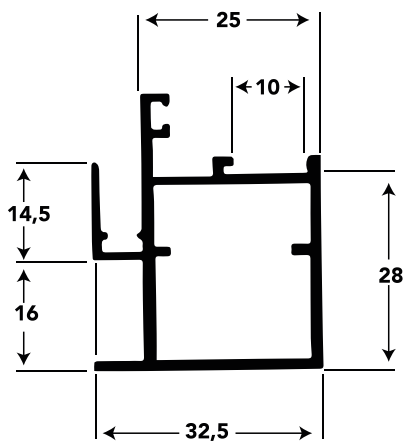
A- 056
0,373 Kg/m



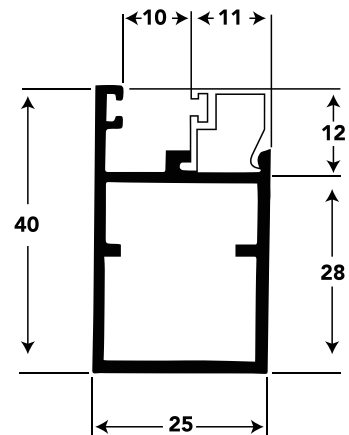
U- 683
0,154 Kg/m



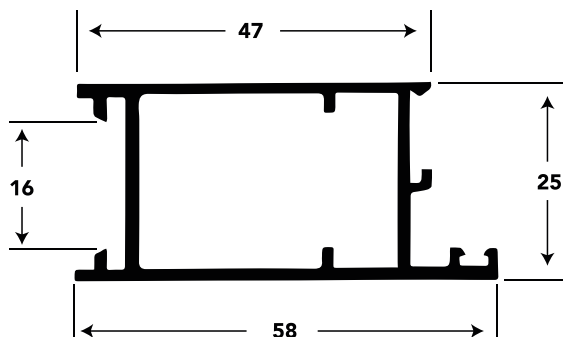
P- 152
0,554 Kg/m



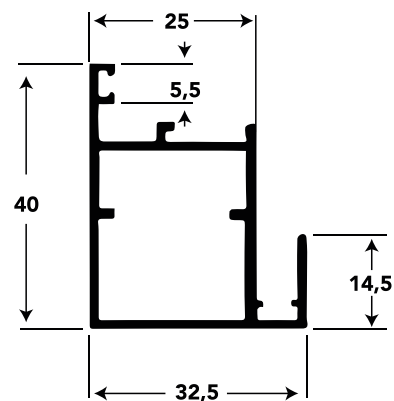
P- 140
0,457 Kg/m



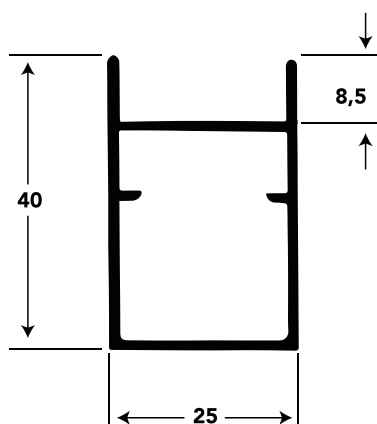
P- 414
0,699 Kg/m



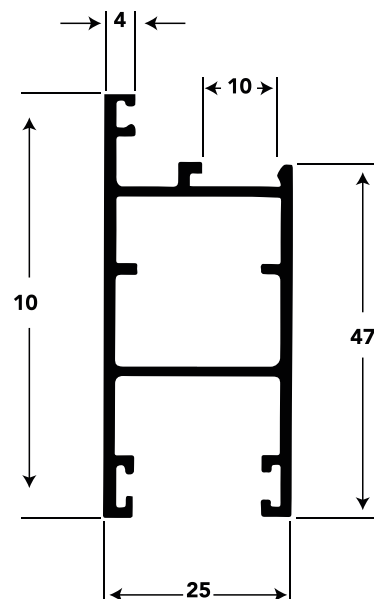
P- 151
0,528 Kg/m



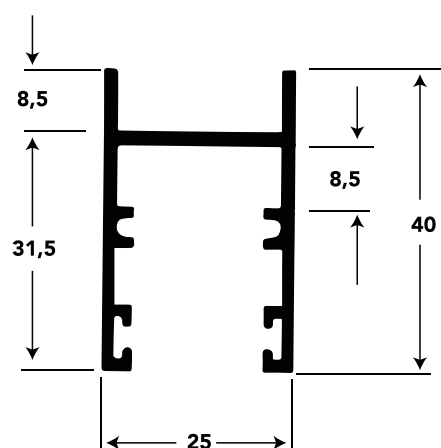
A- 055
0,463 Kg/m



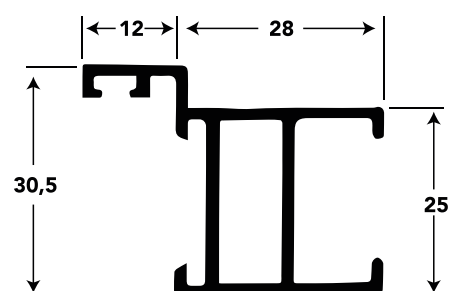
A- 048
0,683 Kg/m



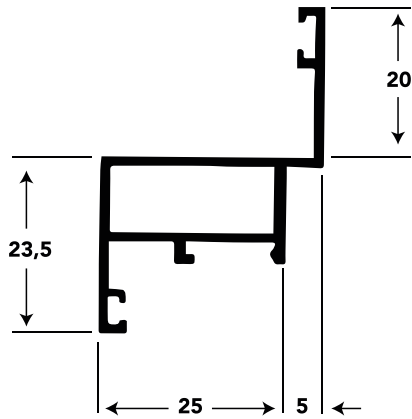
I- 122
0,502 Kg/m



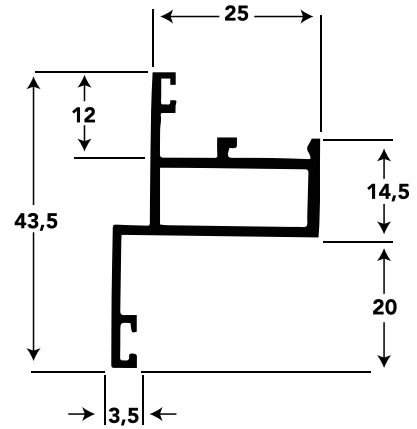
P- 412
0,558 Kg/m



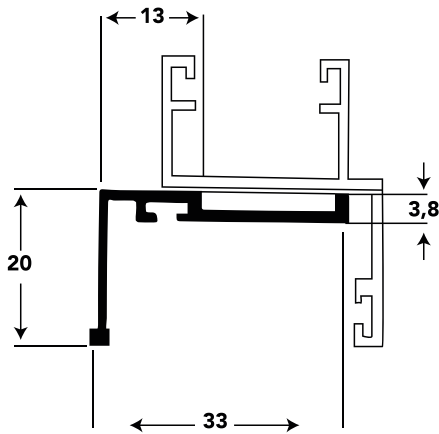
P- 145
0,343 Kg/m



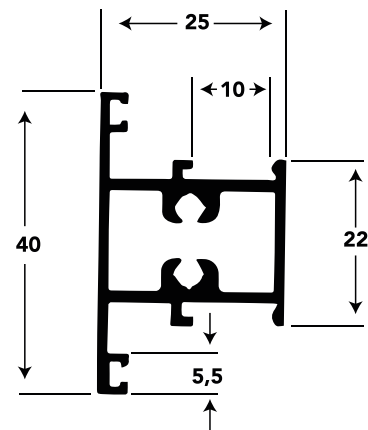
P- 146
0,436 Kg/m



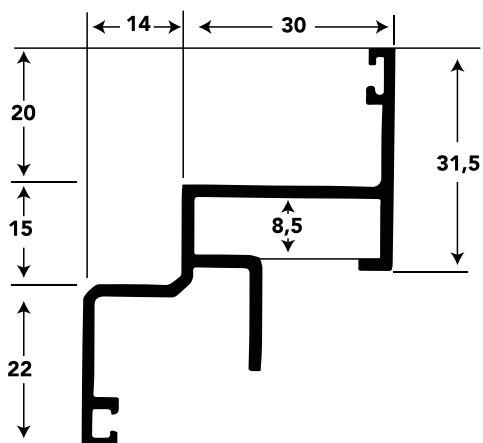
L- 387
0,200 Kg/m



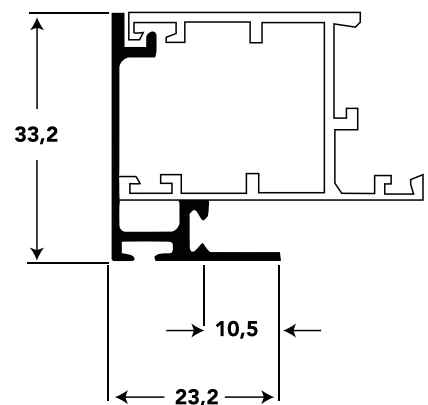
P- 153
0,547 Kg/m



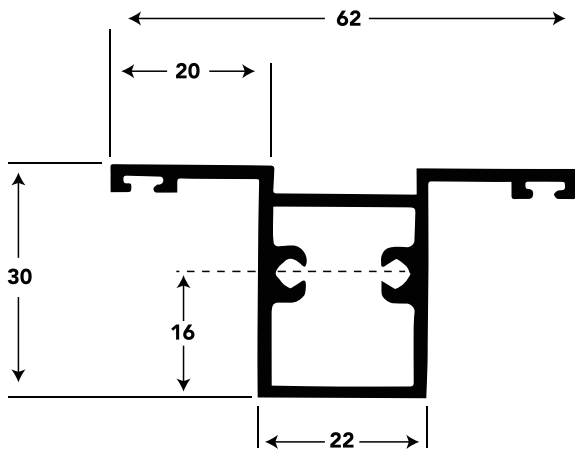
Y- 215
0,539 Kg/m



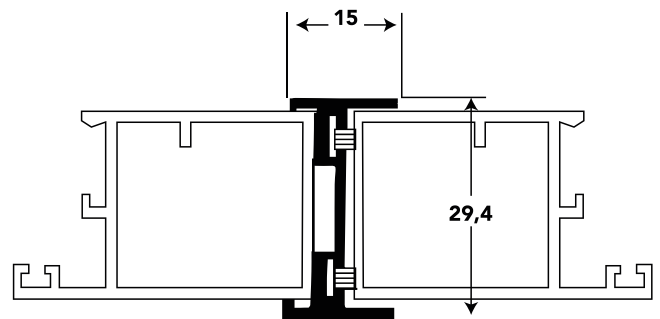
L- 498
0,268 Kg/m



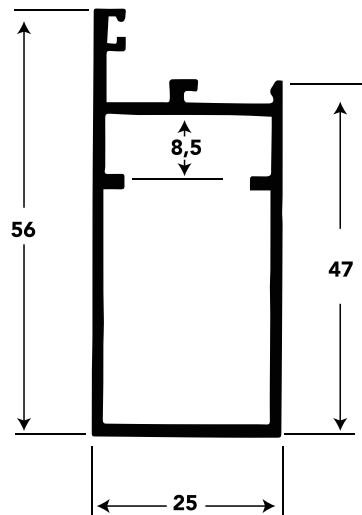
P- 574
0,634 Kg/m



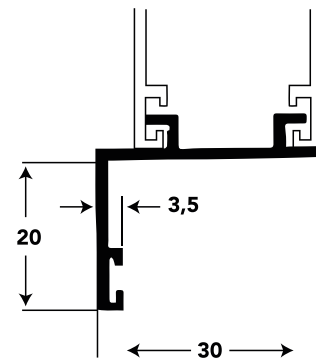
I- 105
0,298 Kg/m



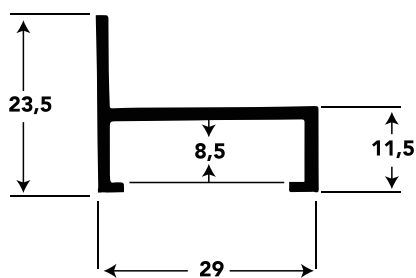
P- 318
0,653 Kg/m



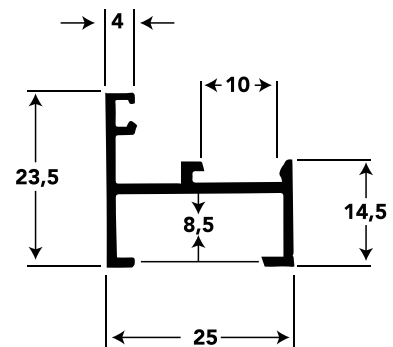
L- 383
0,222 Kg/m



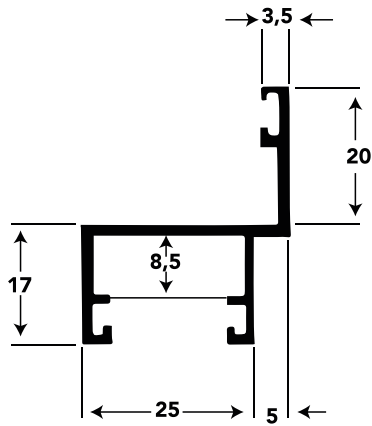
Y- 120
0,247 Kg/m



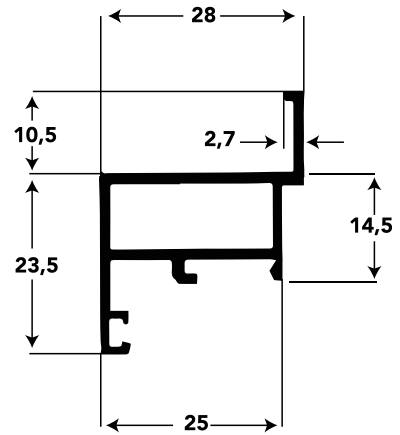
Y- 197
0,279 Kg/m



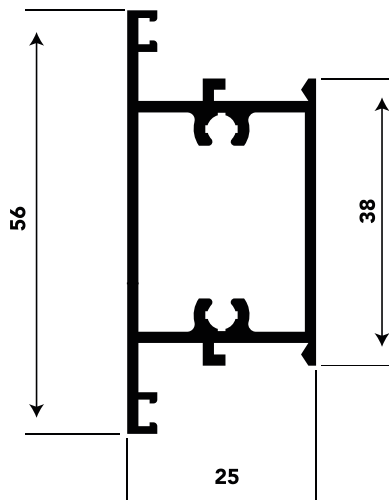
Y- 126
0,333 Kg/m



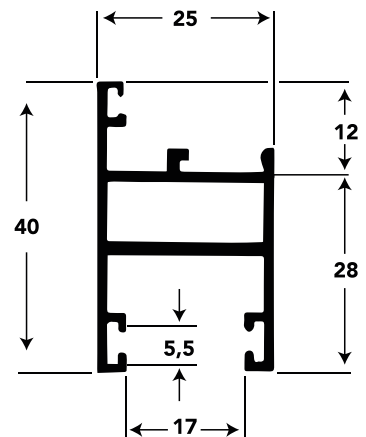
P- 166
0,379 Kg/m



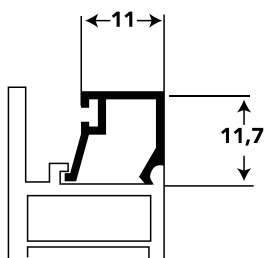
P- 319 A
0,657 Kg/m



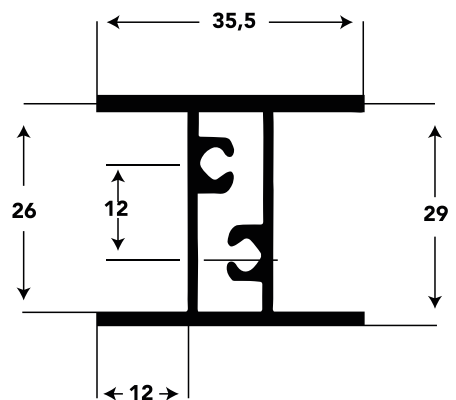
A- 047
0,501 Kg/m



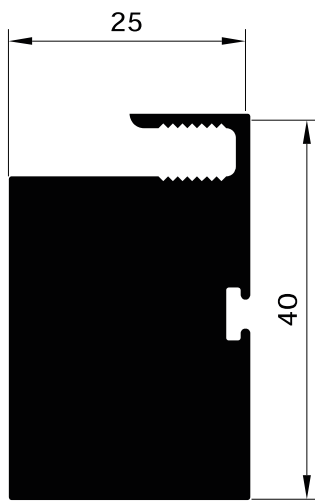
U- 522
0,100 Kg/m



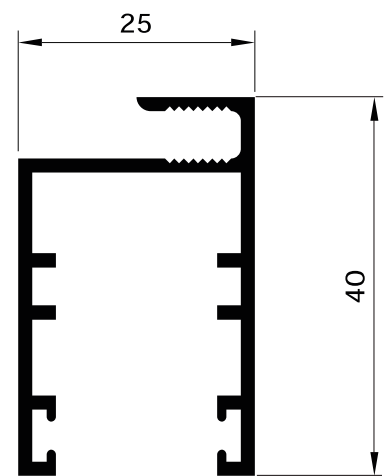
A- 084
0,580 Kg/m



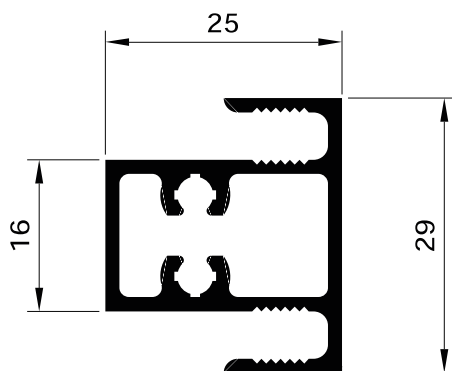
P- 227
0,489 Kg/m



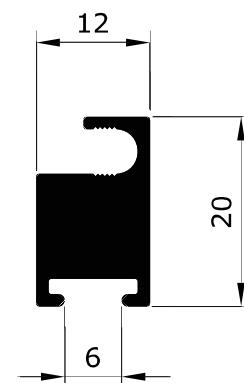
Y- 312
0,550 Kg/m



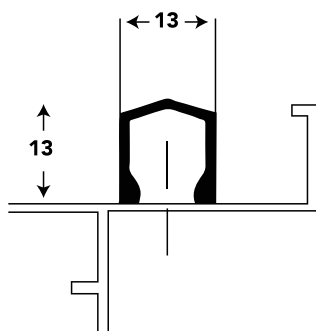
P- 256
0,537 Kg/m



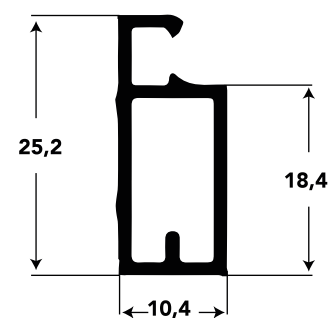
A- 058
0,222 Kg/m



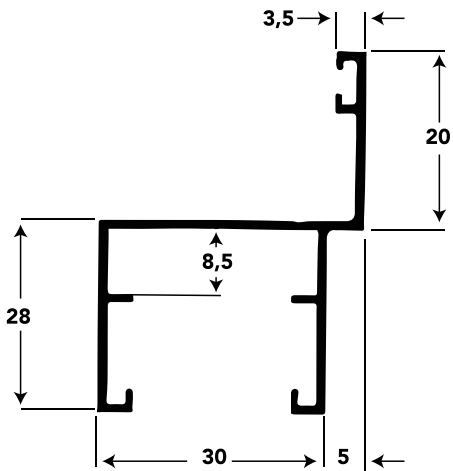
U- 681
0,131 Kg/m



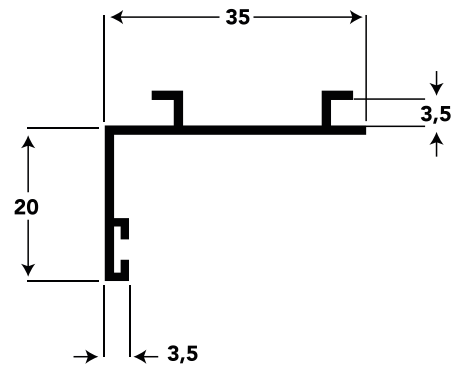
P- 027
0,222 Kg/m



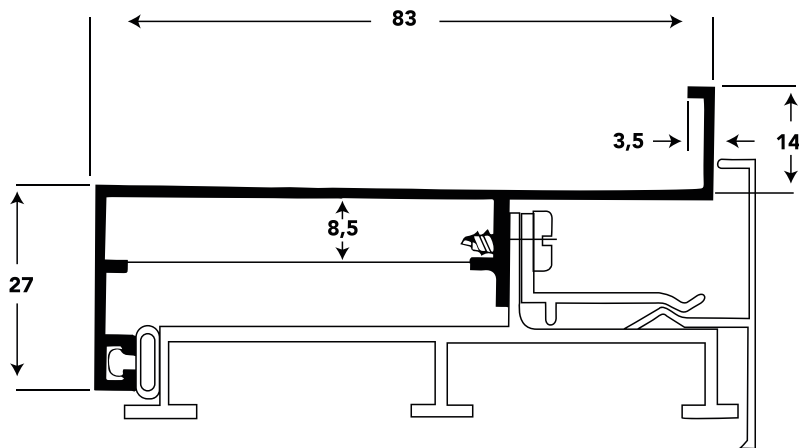
Y- 346
0,507 Kg/m



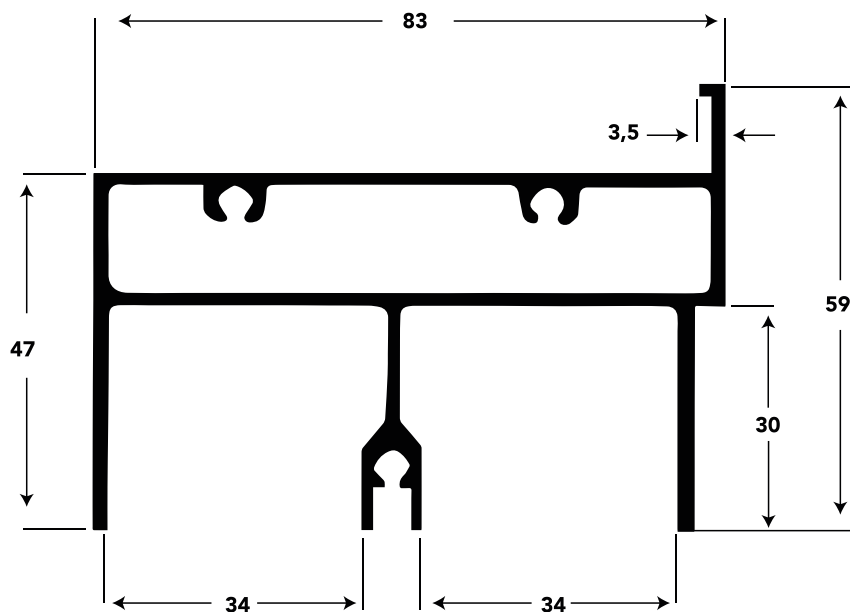
L- 366
0,282 Kg/m



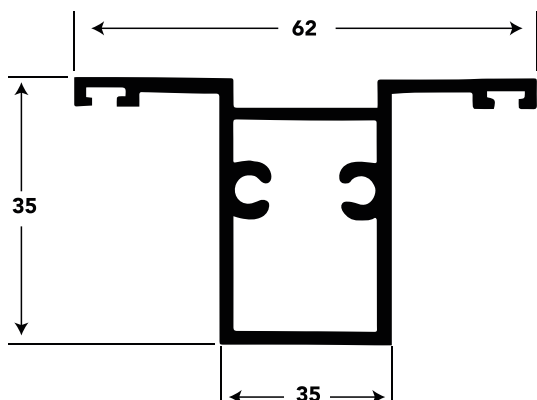
Z- 118
0,621 Kg/m



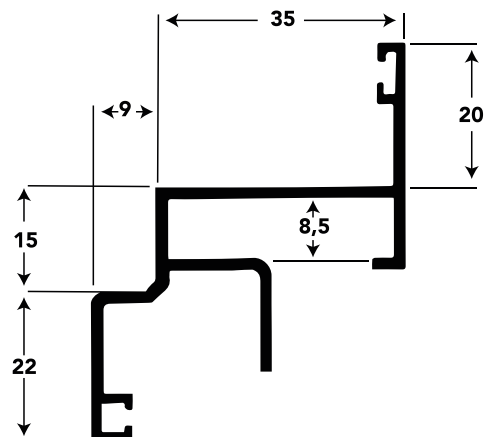
P- 287
1,564 Kg/m



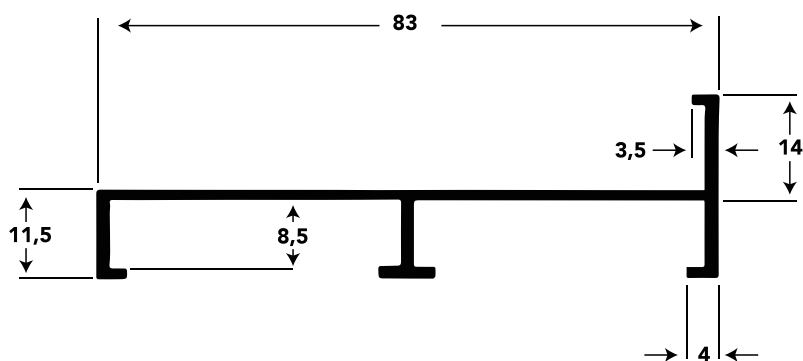
P- 419
0,726 Kg/m



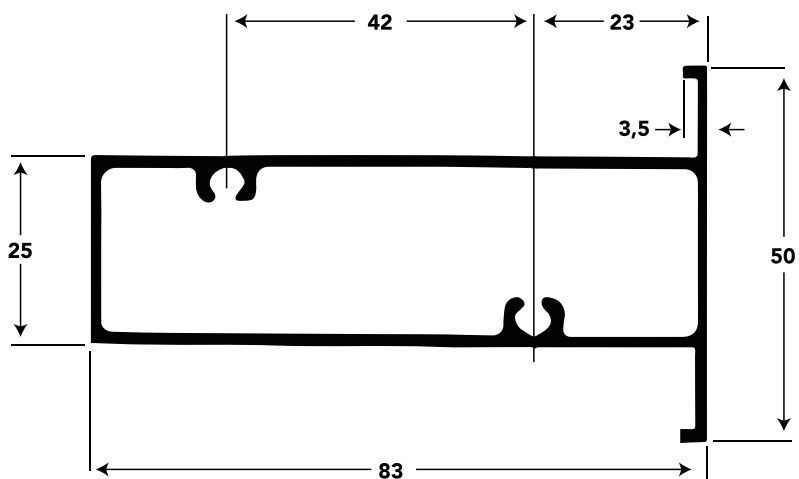
Y- 214
0,555 Kg/m



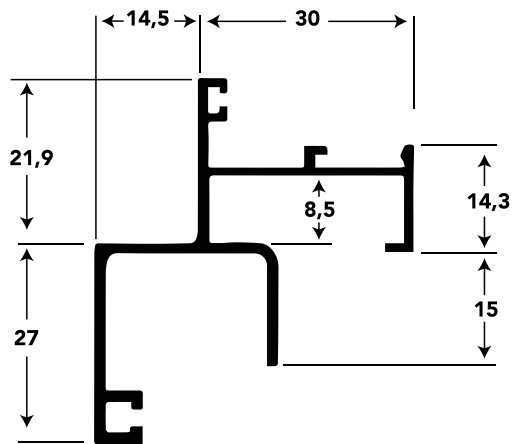
Z- 181
0,564 Kg/m



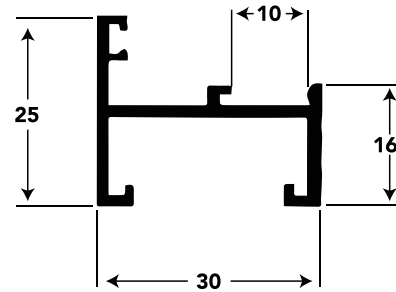
P- 258
1,073 Kg/m



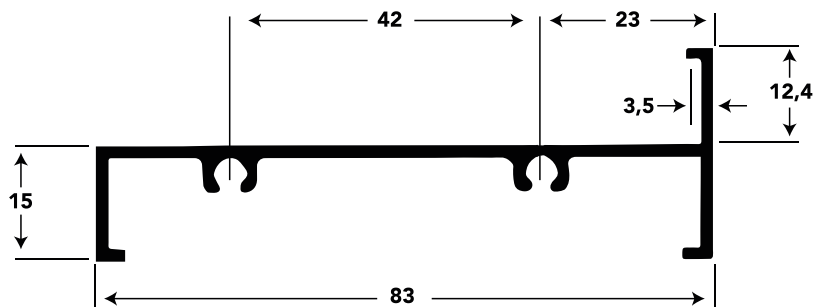
Y- 202
0,528 Kg/m



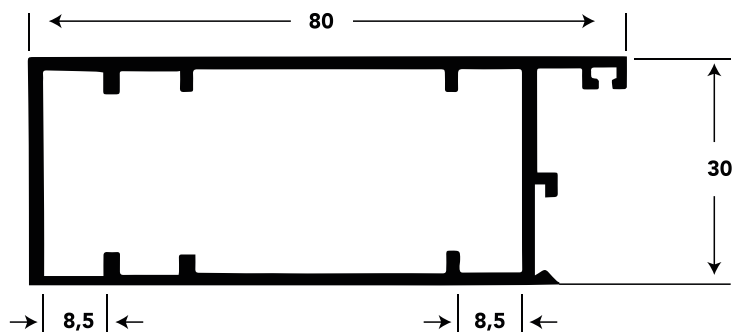
Y- 113
0,314 Kg/m



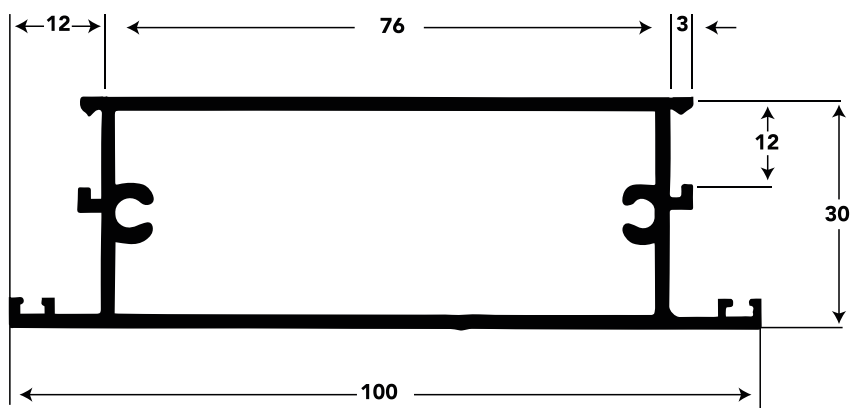
Z- 182
0,626 Kg/m



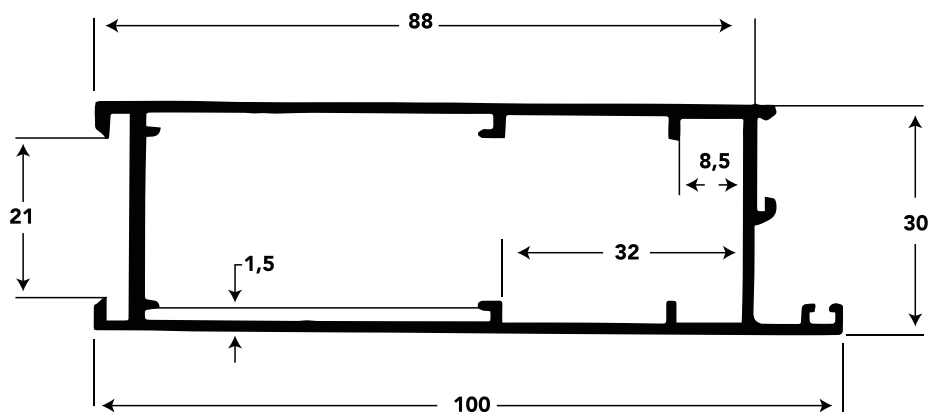
P- 358
0,927 Kg/m



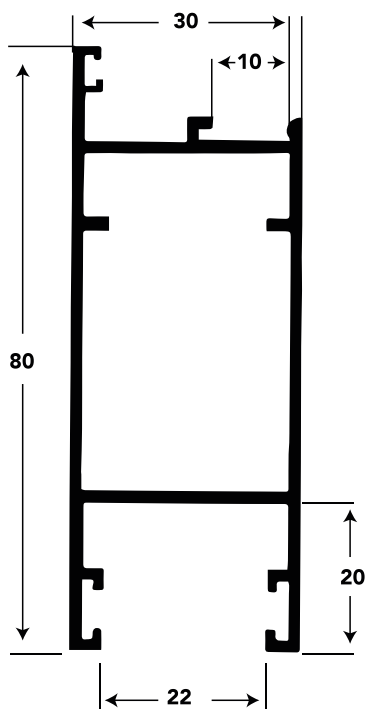
P- 165
1,119 Kg/m



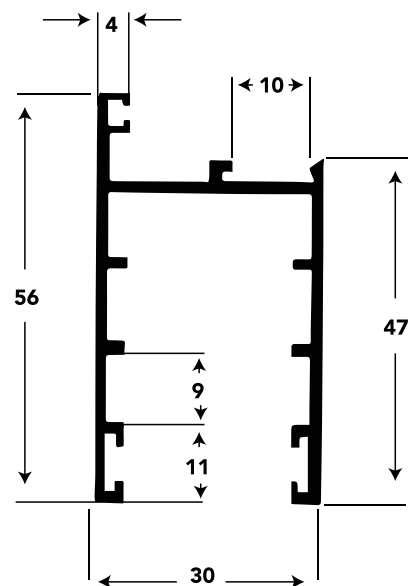
P- 264
1,125 Kg/m



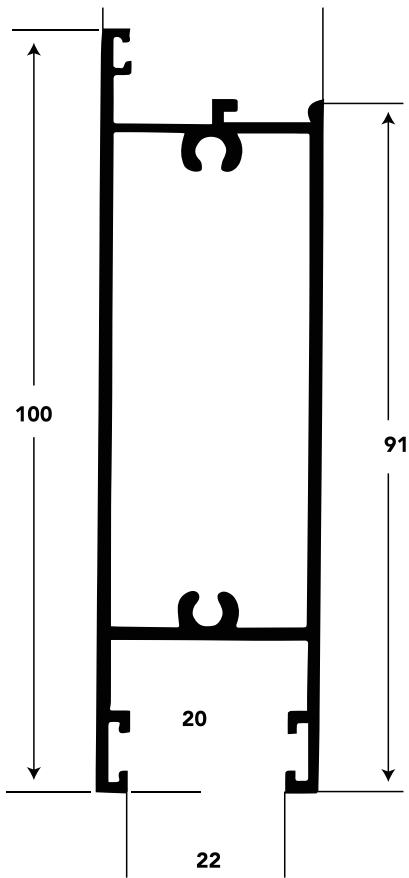
A- 046
1,040 Kg/m



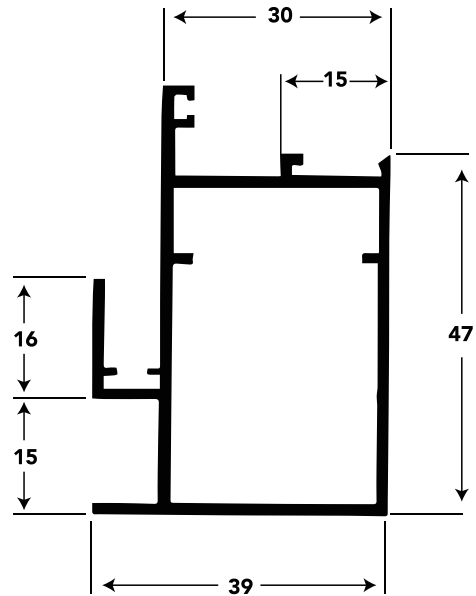
Y- 110
0,653 Kg/m



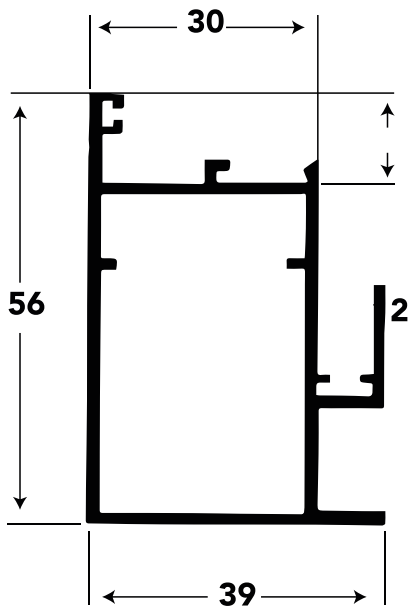
A- 081
1,187 Kg/m



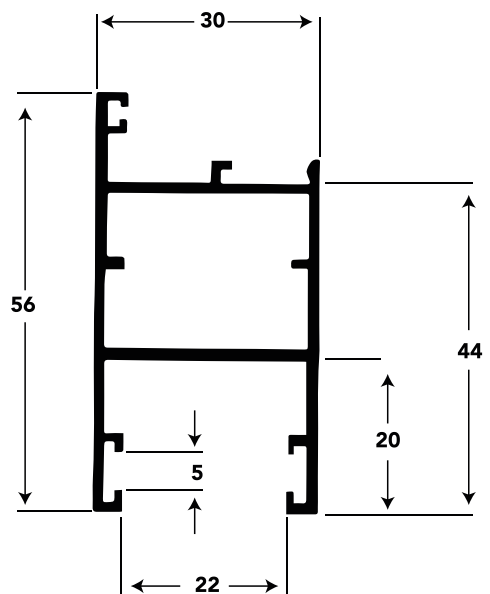
P- 282
0,810 Kg/m



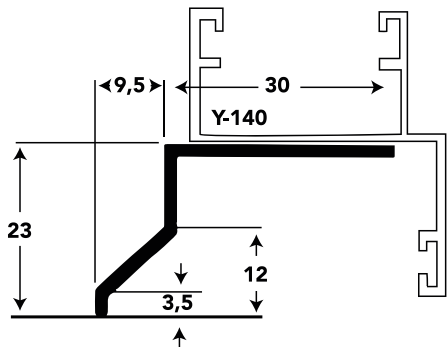
P- 281
0,694 Kg/m



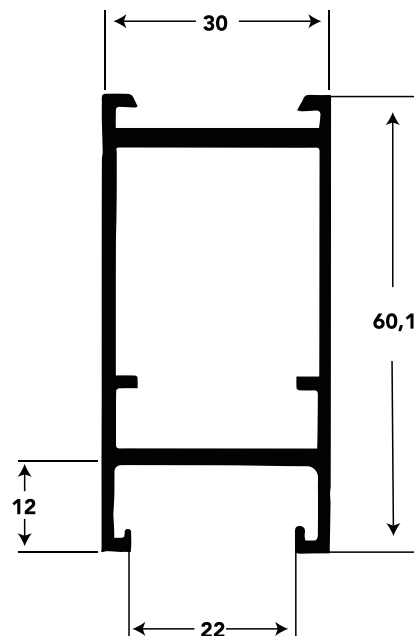
A- 026
0,750 Kg/m



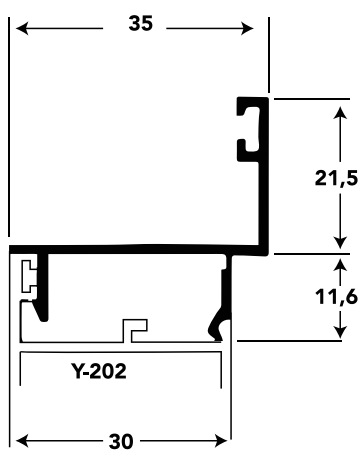
L- 332
0,210 Kg/m



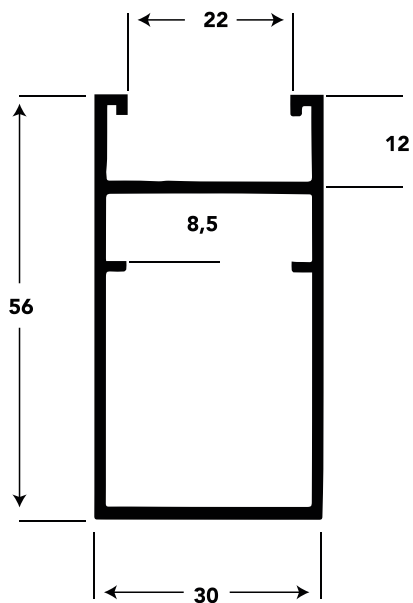
A- 144
0,814 Kg/m



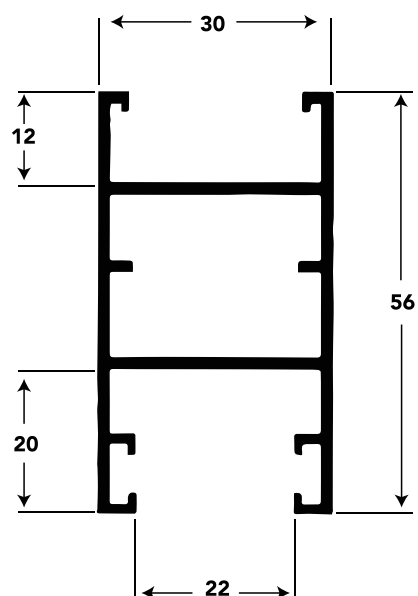
Y- 148
0,330 Kg/m



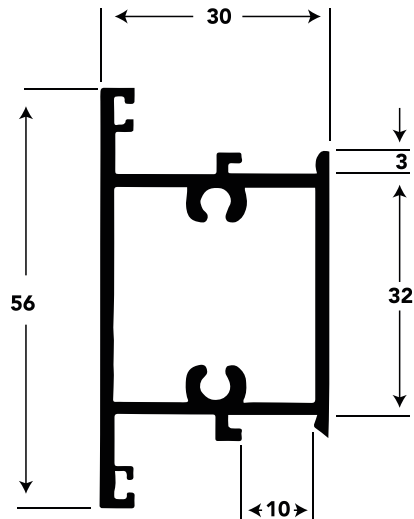
A- 041
0,677 Kg/m



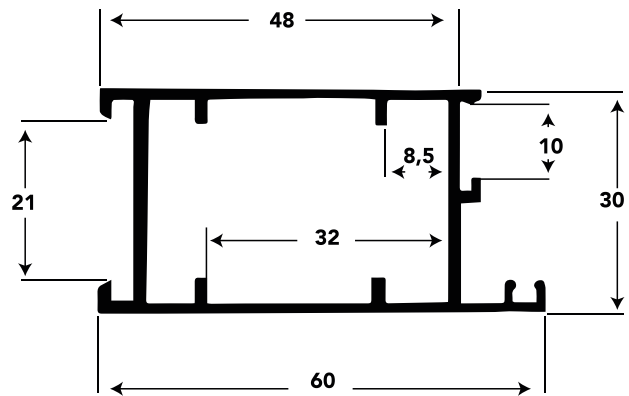
A- 090
0,737 Kg/m



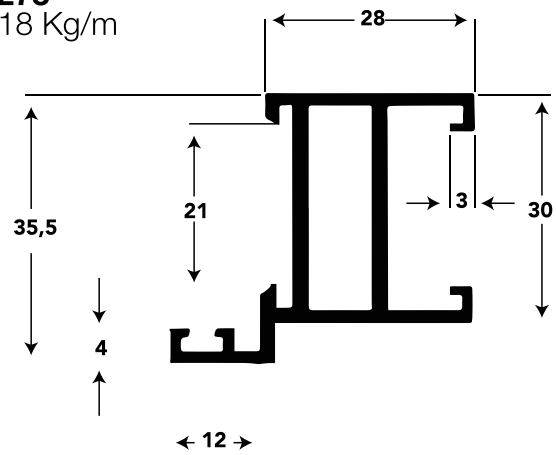
P- 078
0,772 Kg/m



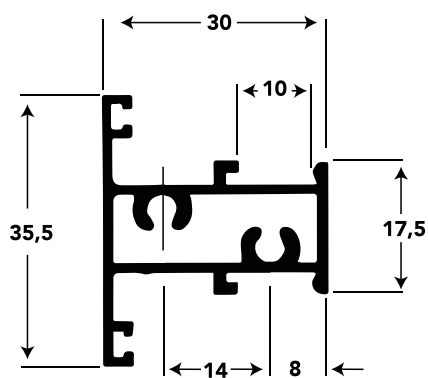
P- 270
0,780 Kg/m



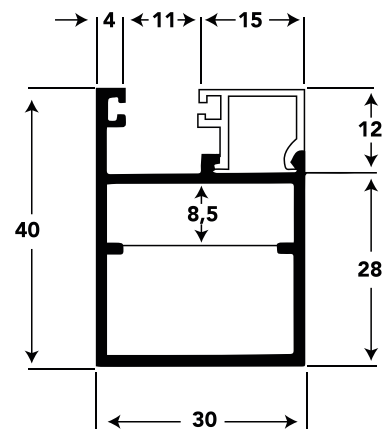
P- 273
0,618 Kg/m



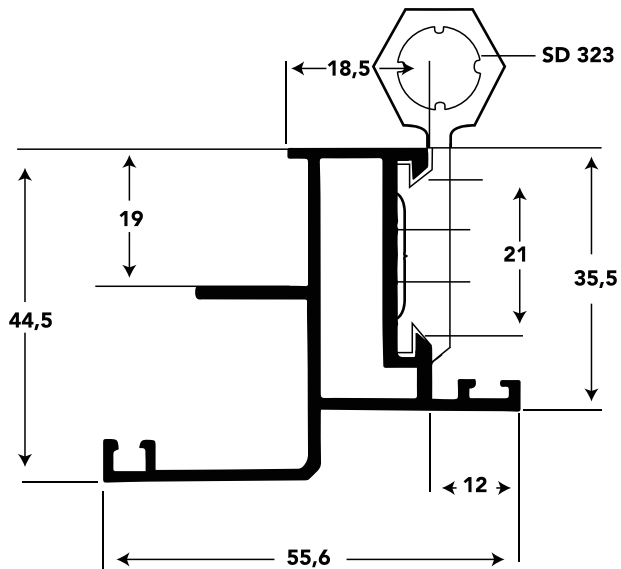
P- 075
0,607 Kg/m



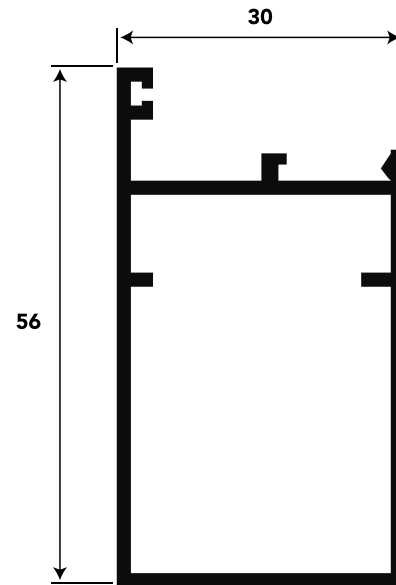
P- 084
0,528 Kg/m



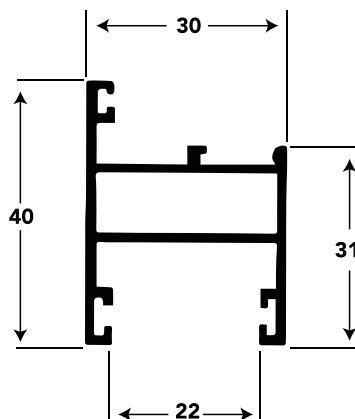
P- 272
0,783 Kg/m



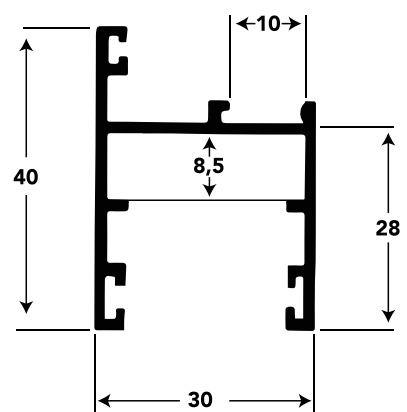
P- 068
0,504 Kg/m



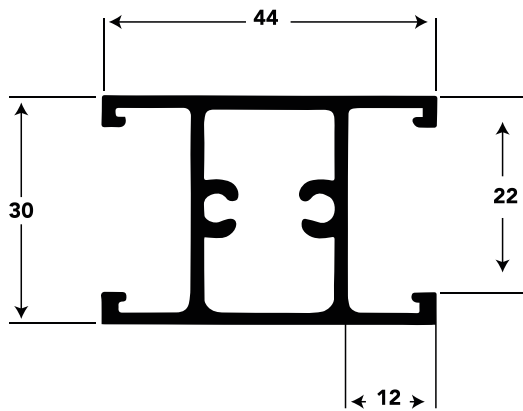
A- 030
0,564 Kg/m



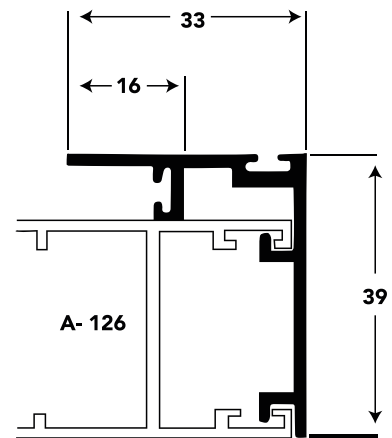
Y- 131
0,488 Kg/m



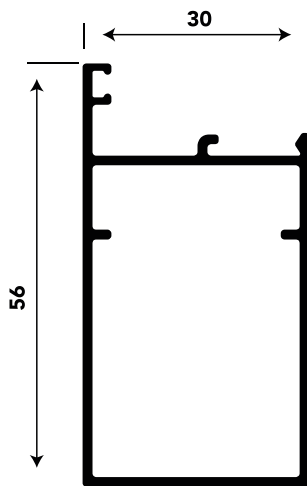
P- 417
0,744 Kg/m



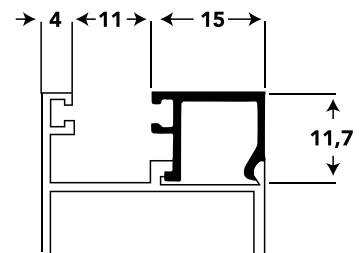
L- 517
0,328 Kg/m



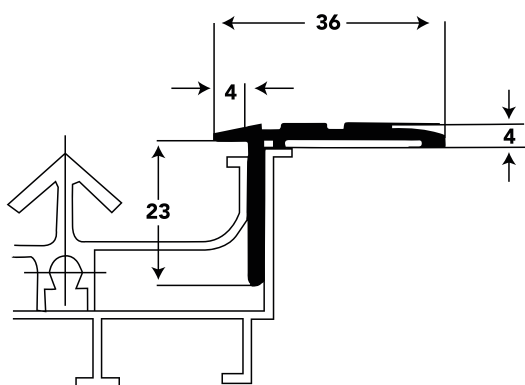
P- 068
0,604 Kg/m



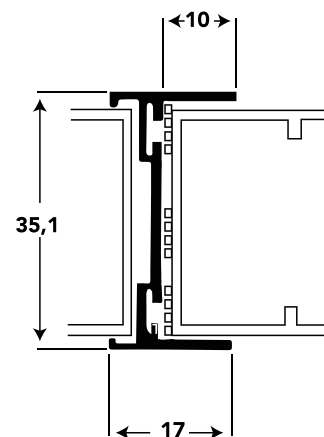
U- 482
0,115 Kg/m



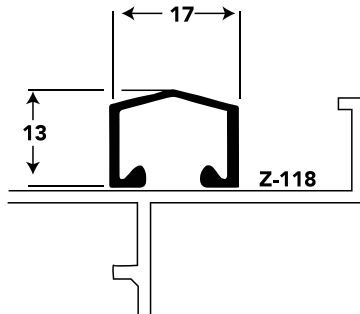
L- 516
0,295 Kg/m



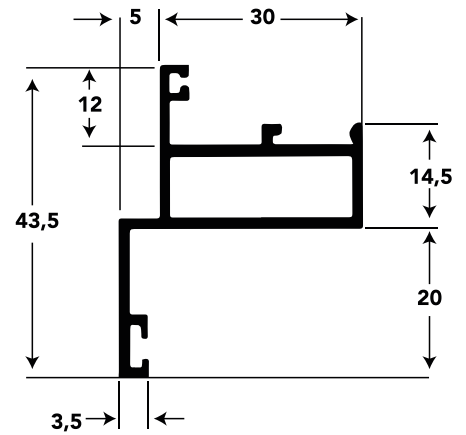
E- 150
0,274 Kg/m



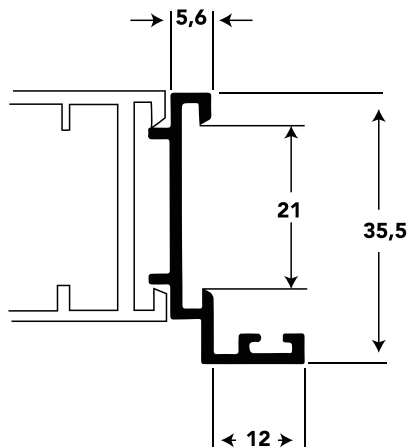
U- 685
0,168 Kg/m



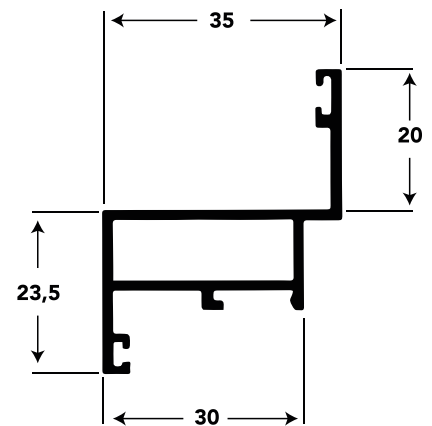
P- 120
0,535 Kg/m



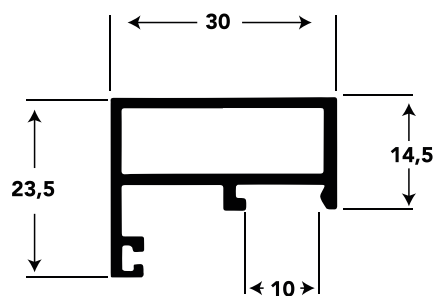
L- 519
0,300 Kg/m



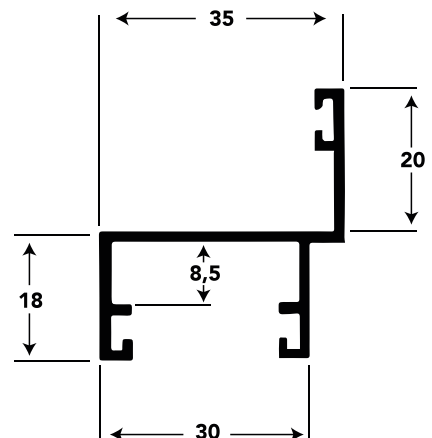
P- 121
0,535 Kg/m



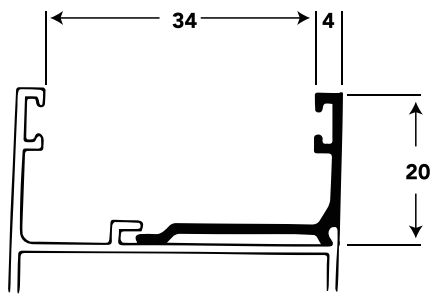
P- 064
0,400 Kg/m



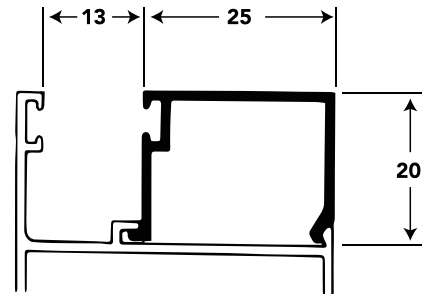
Y- 140
0,406 Kg/m



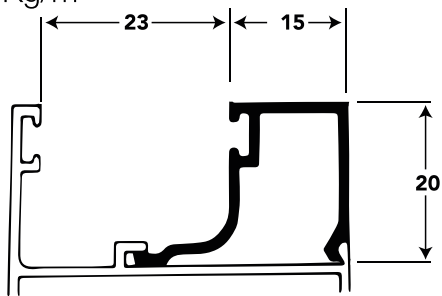
L - 473
0,192 Kg/m



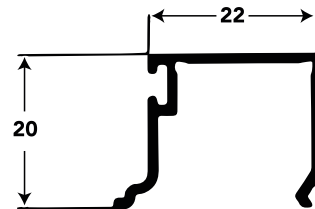
U - 611
0,225 Kg/m



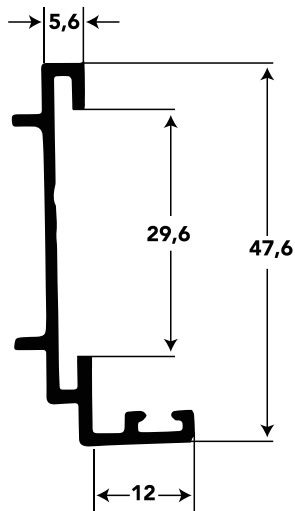
U - 696
0,220 Kg/m



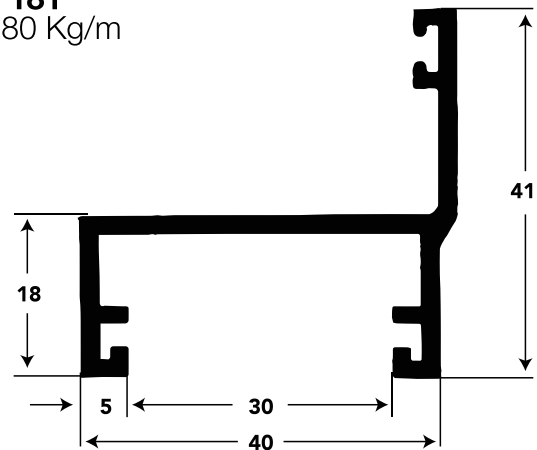
U - 1076
0,200 Kg/m



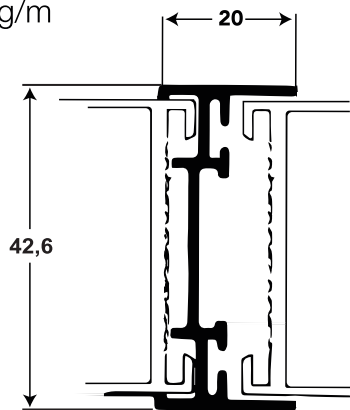
L - 521
0,362 Kg/m



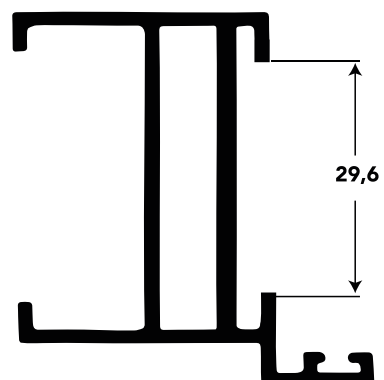
Y - 181
0,580 Kg/m

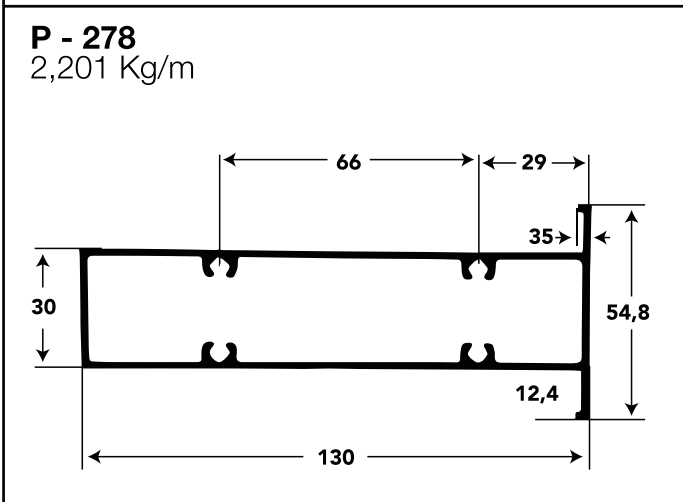
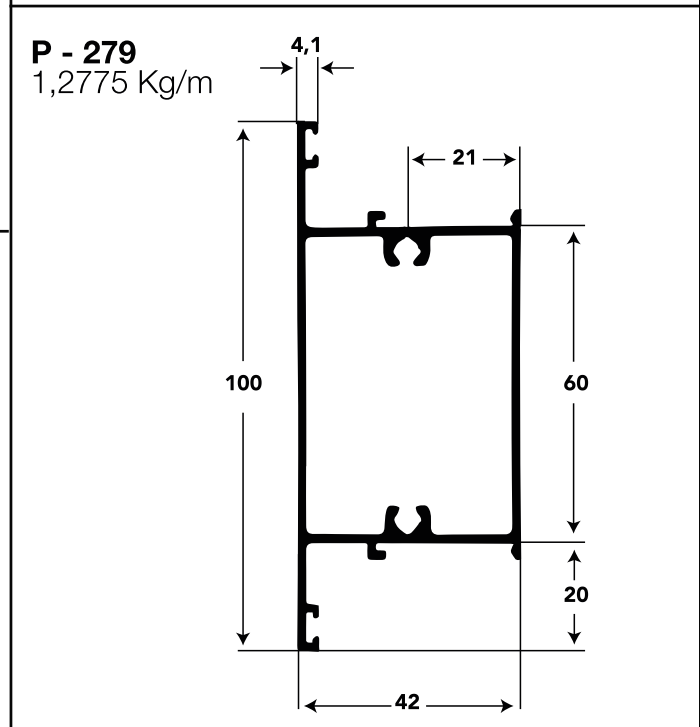
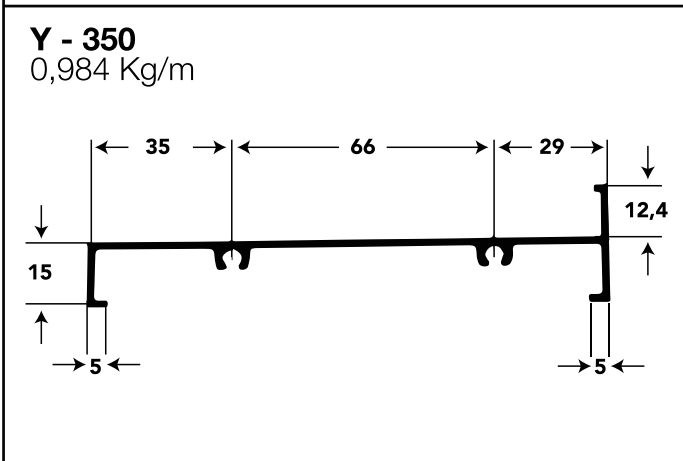
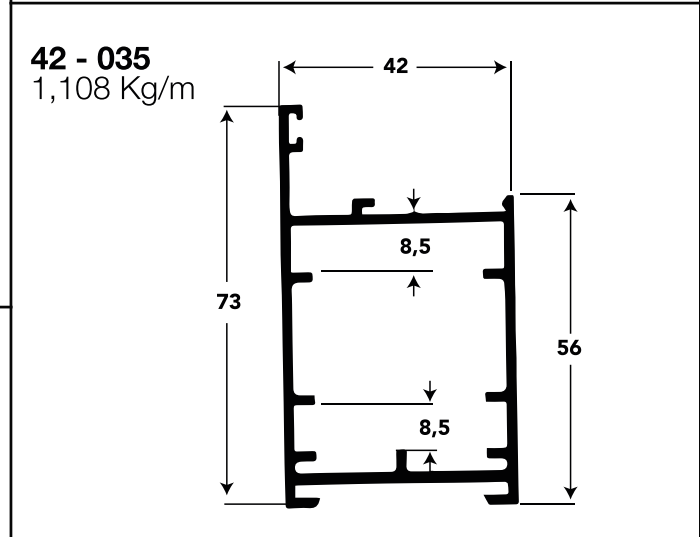
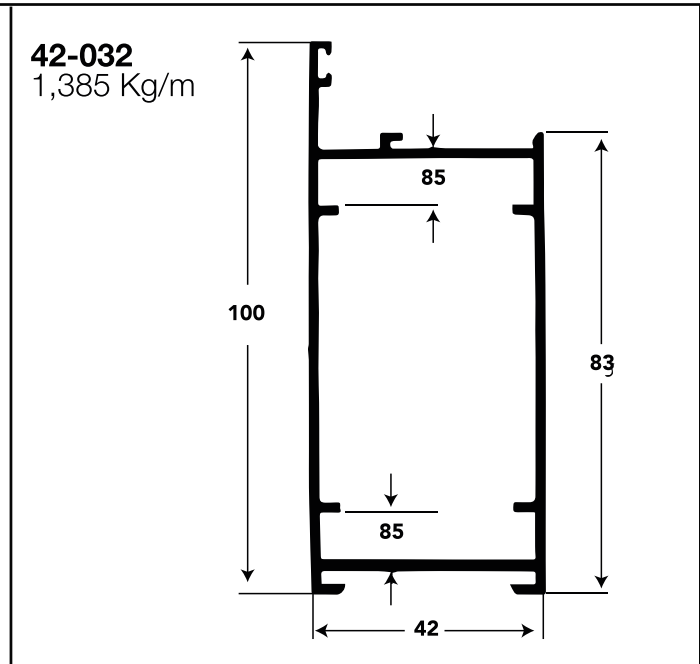
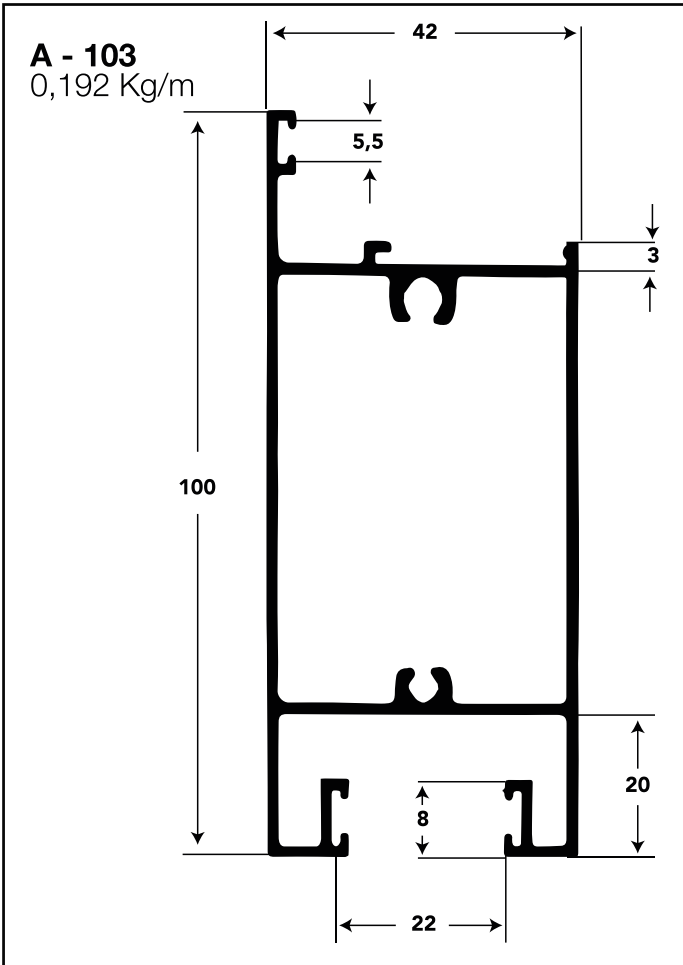


I - 173
0,434 Kg/m

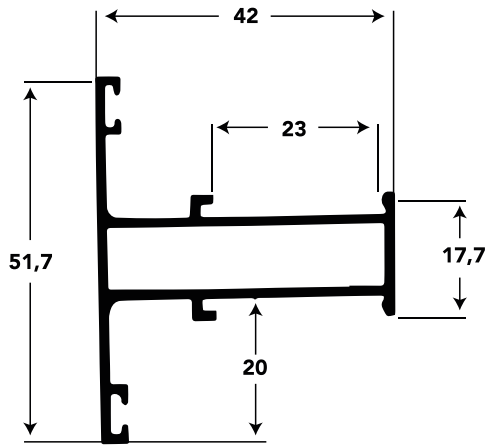


P - 280
0,870 Kg/m

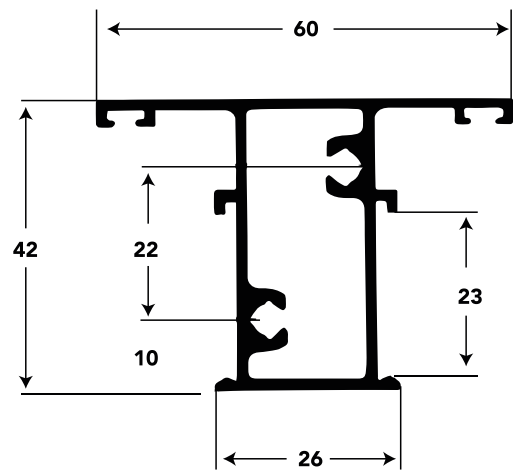




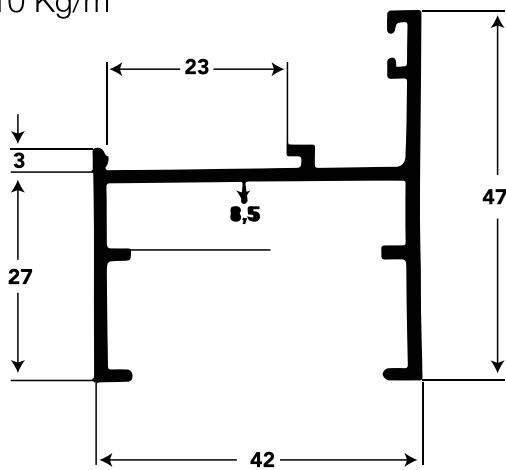
P - 192
0,730 Kg/m



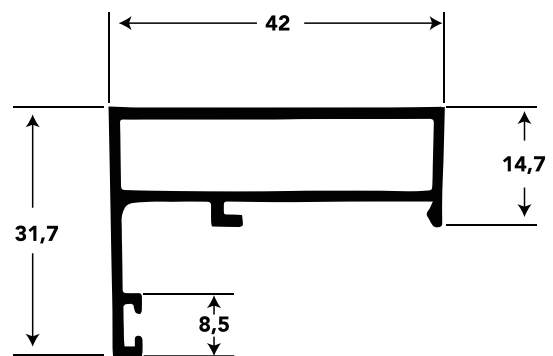
P - 194
0,862 Kg/m



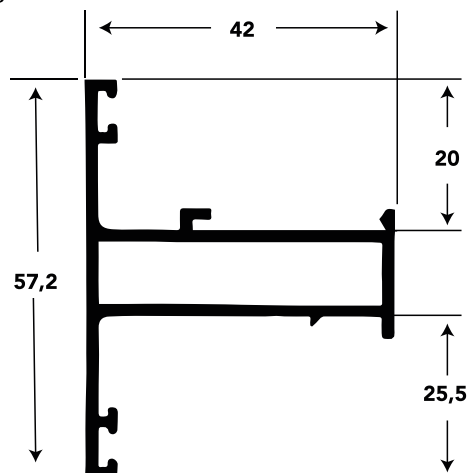
Y - 271
0,610 Kg/m



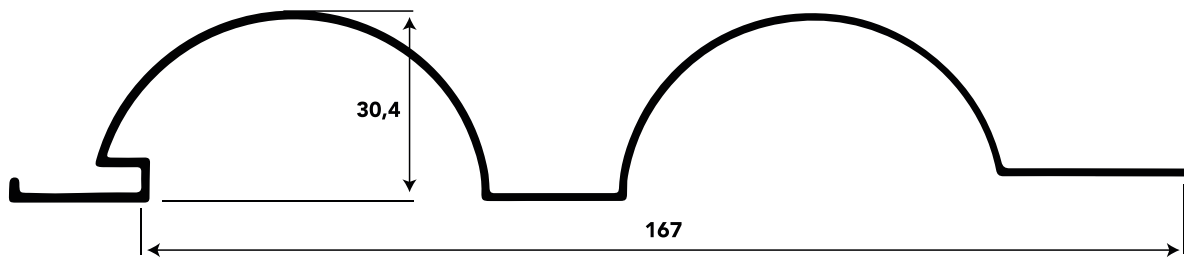
P - 253
0,595 Kg/m



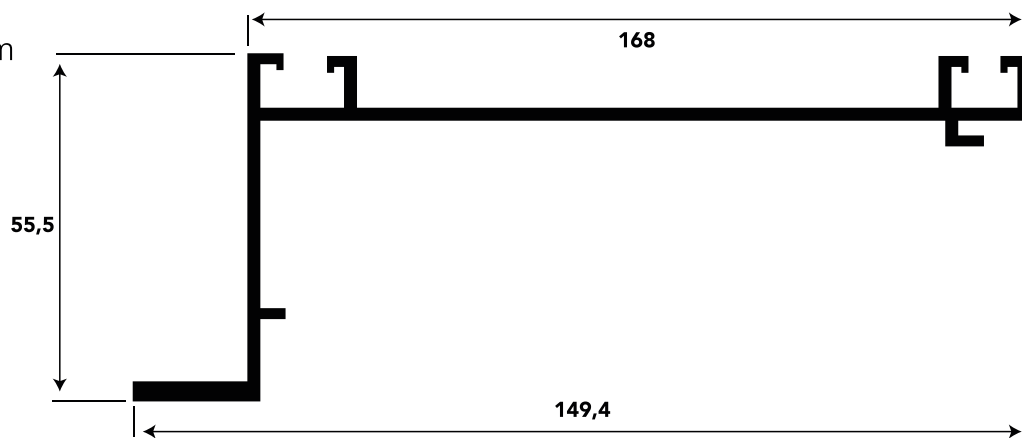
P - 418
0,732 Kg/m



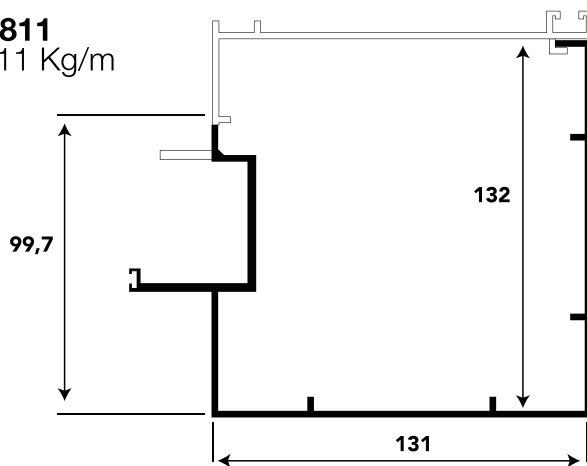
19-248
1,018 Kg/m



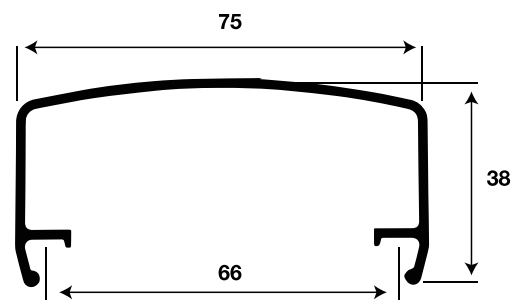
29-160
1,398 Kg/m



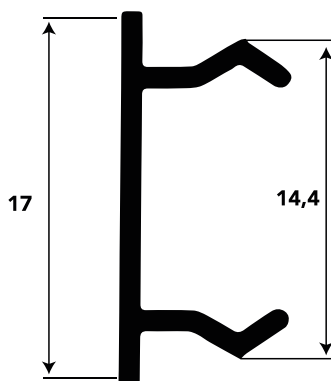
39-811
3,111 Kg/m



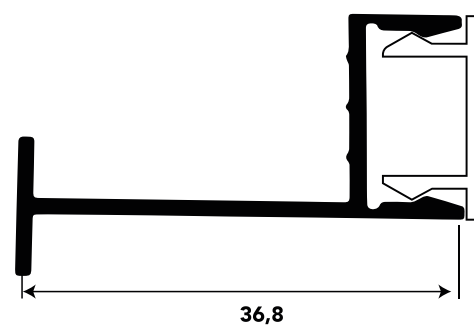
39-081
0,788 Kg/m



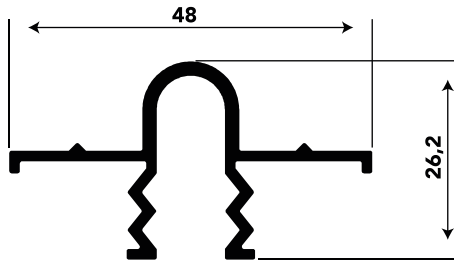
39-1058
0,085 Kg/m



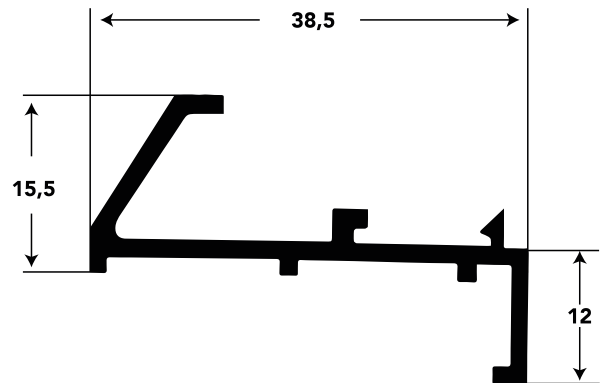
50-018
0,263 Kg/m



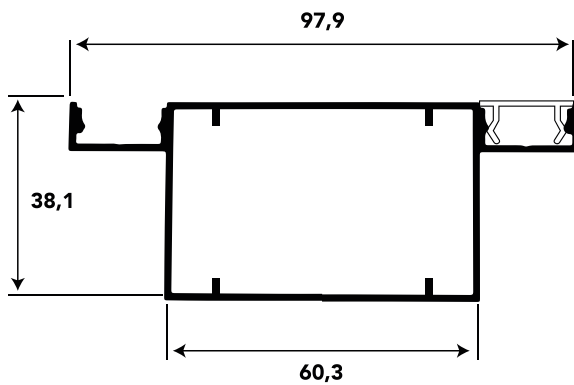
M-29
0,458 Kg/m



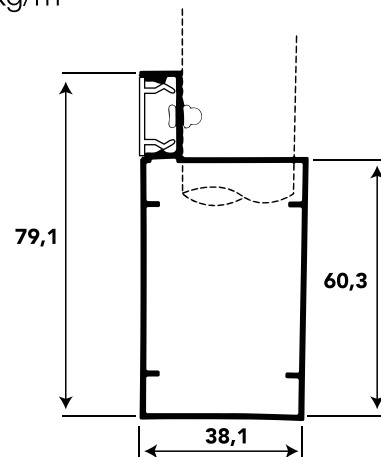
Z-063
0,325 Kg/m



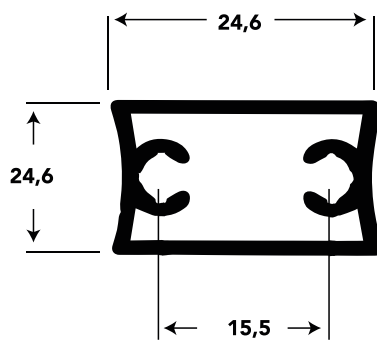
78-777
0,974 Kg/m



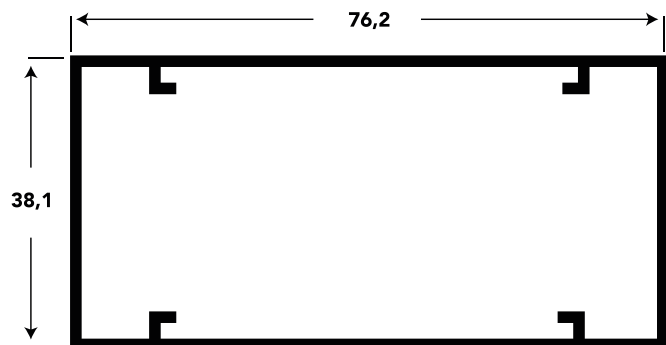
78-778
0,897 Kg/m



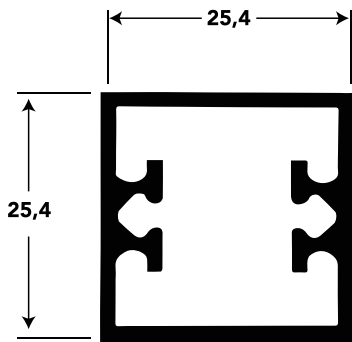
D-056
0,343 Kg/m



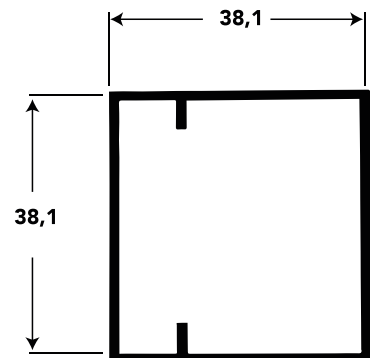
D-069
0,945 Kg/m



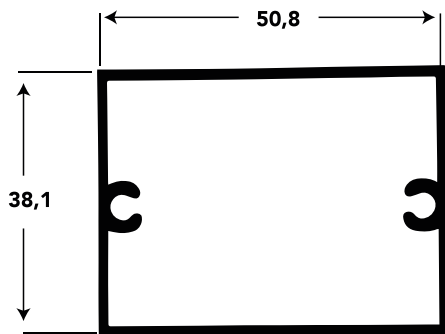
D-080
0,524 Kg/m



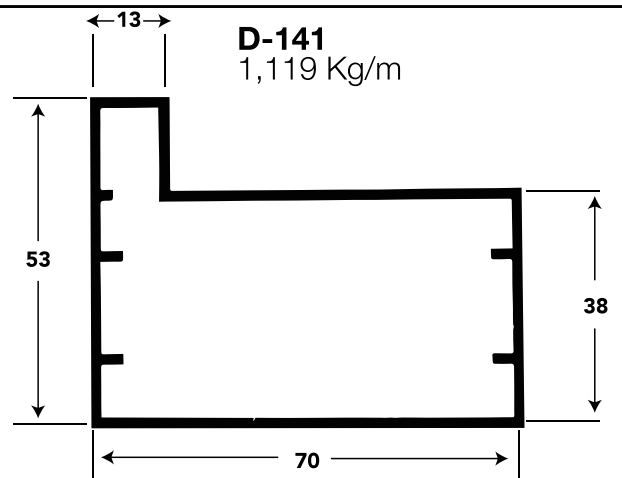
D-102
0,627 Kg/m



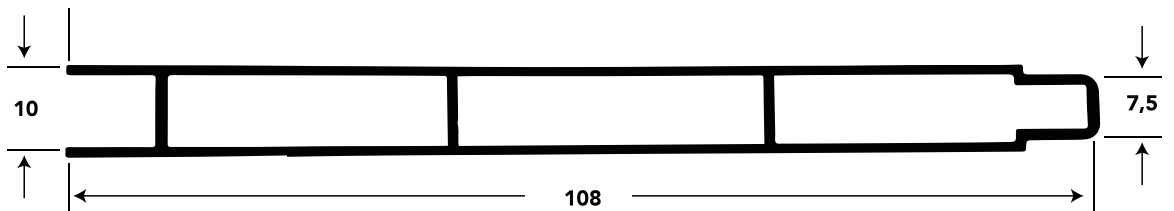
D-103
0,786 Kg/m



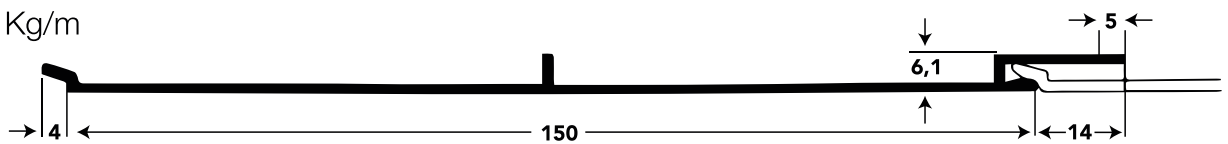
D-141
1,119 Kg/m



GS-034
0,672 Kg/m



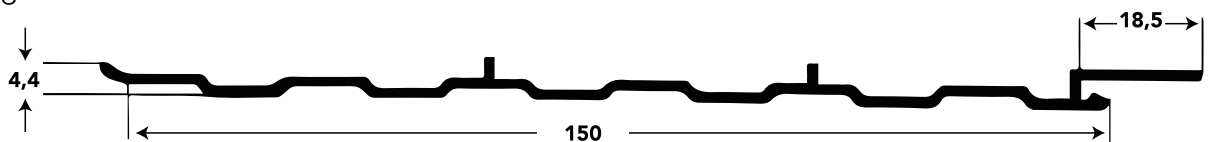
Y-335
0,789 Kg/m



Y-355
0,789 Kg/m

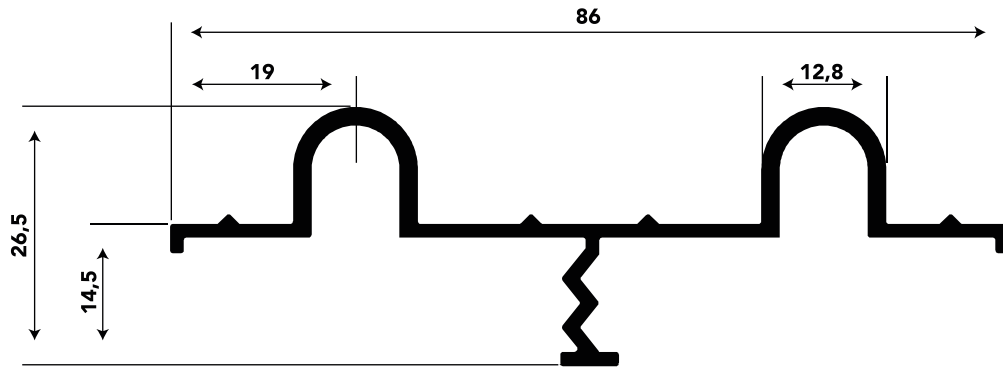


Y-429
0,634 Kg/m

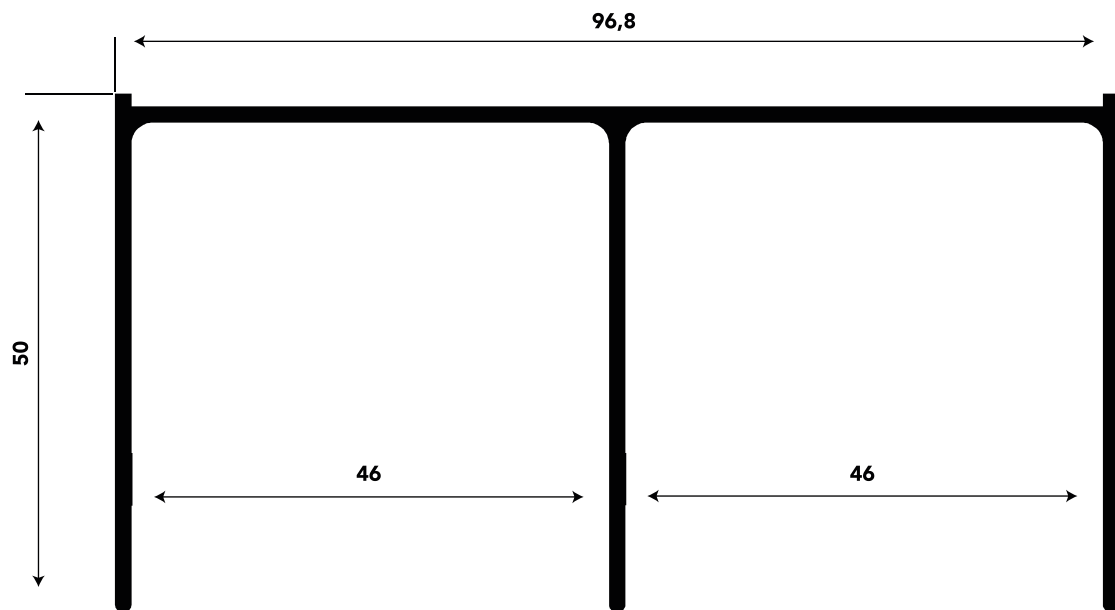


<p>U-163 0,765Kg/m</p> <p>38</p> <p>12</p> <p>8</p> <p>38</p>	<p>U-1048 1,453 Kg/m</p> <p>55</p> <p>60</p> <p>20</p>
<p>M-27 0,636Kg/m</p> <p>50</p> <p>46</p>	<p>U-1098 0,494 Kg/m</p> <p>35,2</p> <p>35</p>
<p>78-719 1,555 Kg/m</p> <p>51</p> <p>102</p>	<p>U-1040 1,000 Kg/m</p> <p>189</p> <p>46</p>

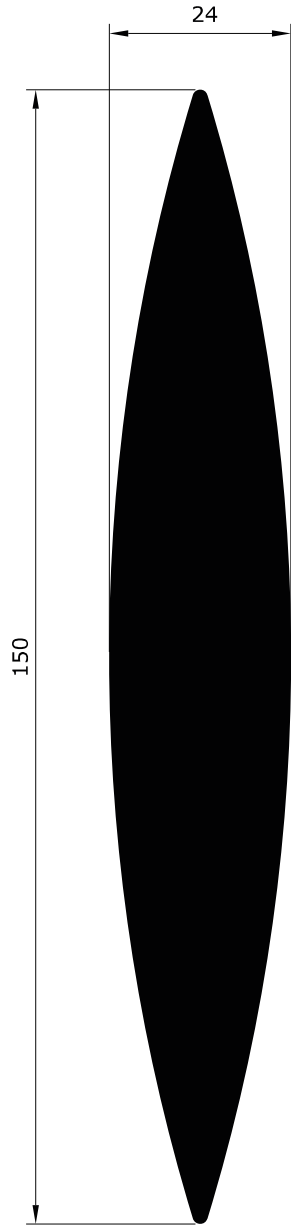
M-30
0,656 Kg/m



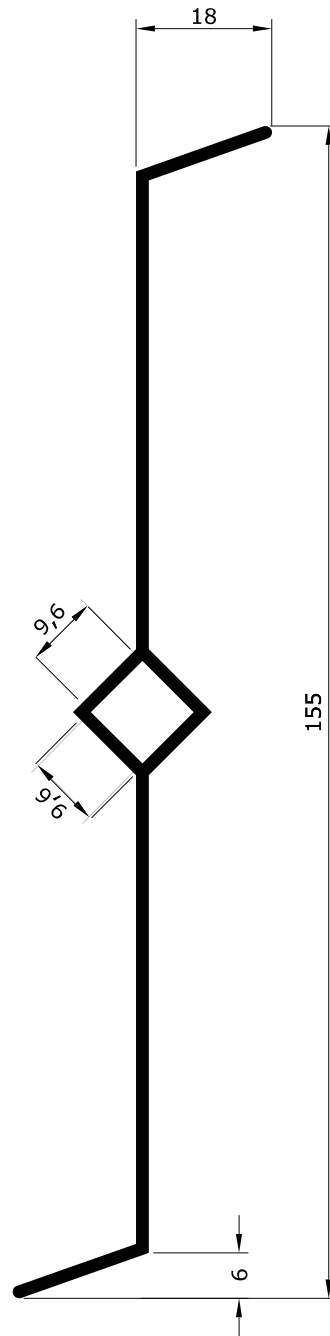
M-28
1,051 Kg/m



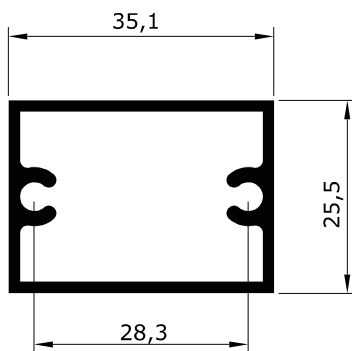
D-053
1,300 Kg/m

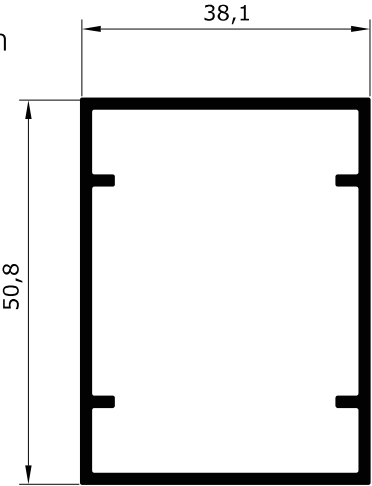
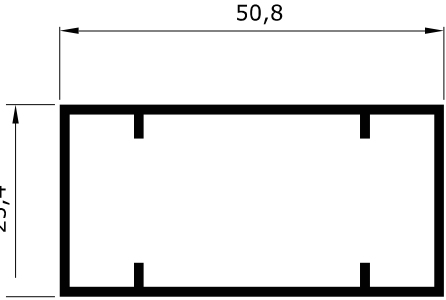
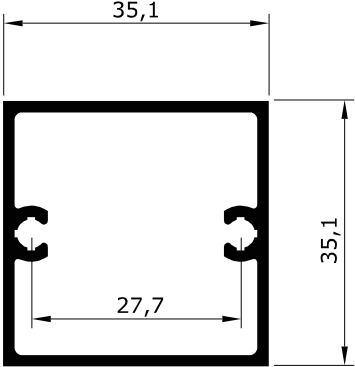
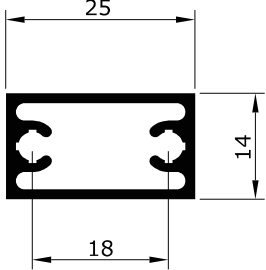
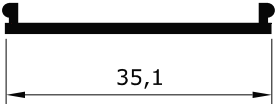
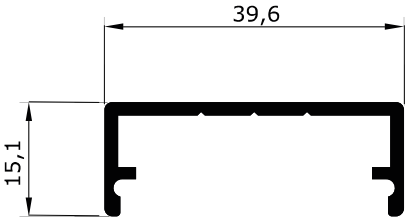
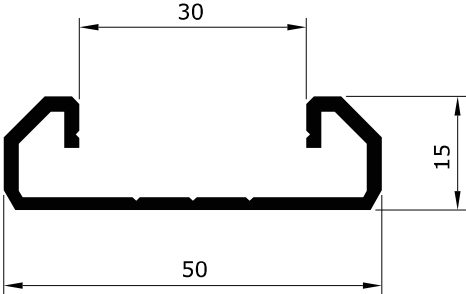
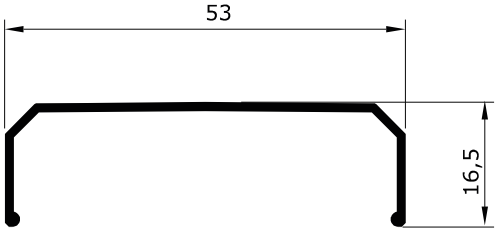


D-054
0,835 Kg/m

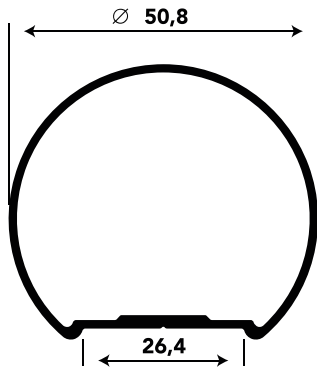


D-055
0,580 Kg/m

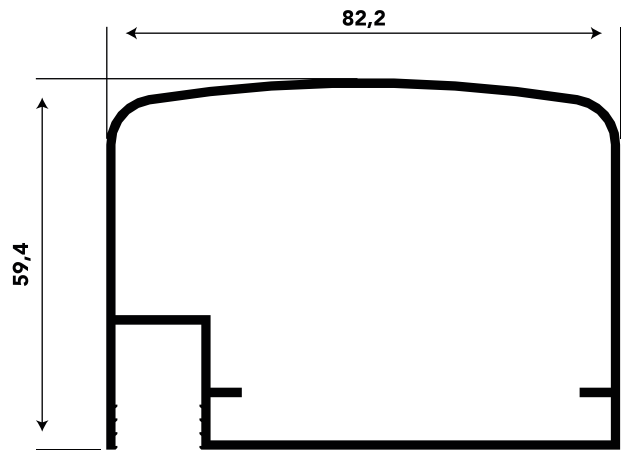


<p>D-078 0,795 Kg/m</p> 	<p>D-079 0,563 Kg/m</p> 
<p>D-081 0,643 Kg/m</p> 	<p>D-082 0,349 Kg/m</p> 
<p>U-495 0,163 Kg/m</p> 	<p>U-496 0,338 Kg/m</p> 
<p>U-497 0,464 Kg/m</p> 	<p>U-498 0,262 Kg/m</p> 

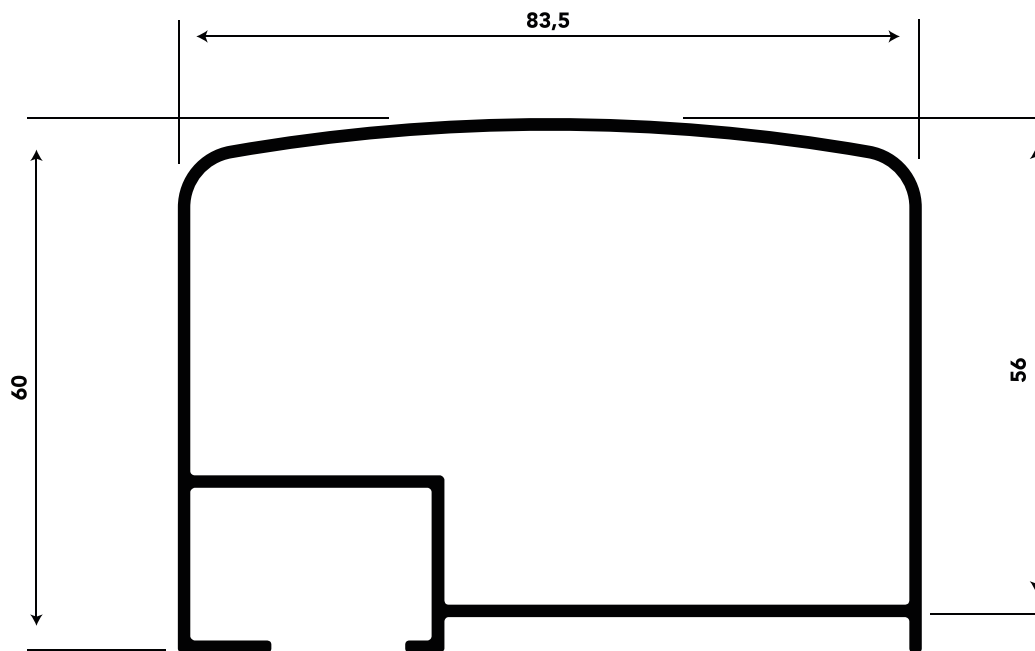
D-097
0,664 Kg/m



78054
1,206 Kg/m

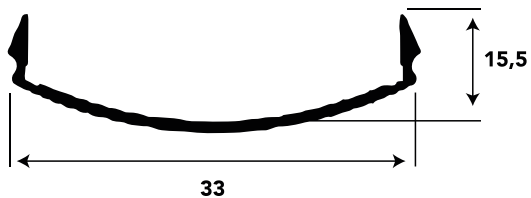


D-143
1,1416Kg/m



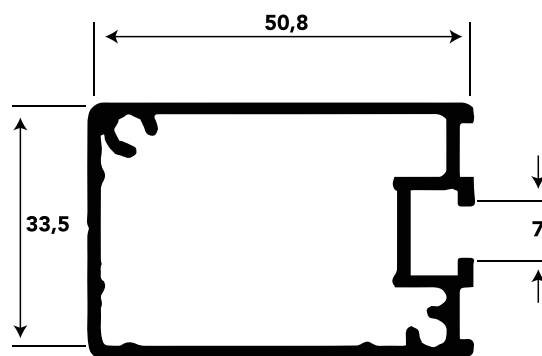
CG-074

0,265 Kg/m



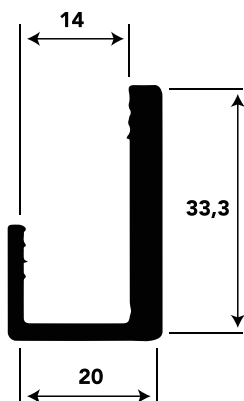
CG-077

0,842 Kg/m



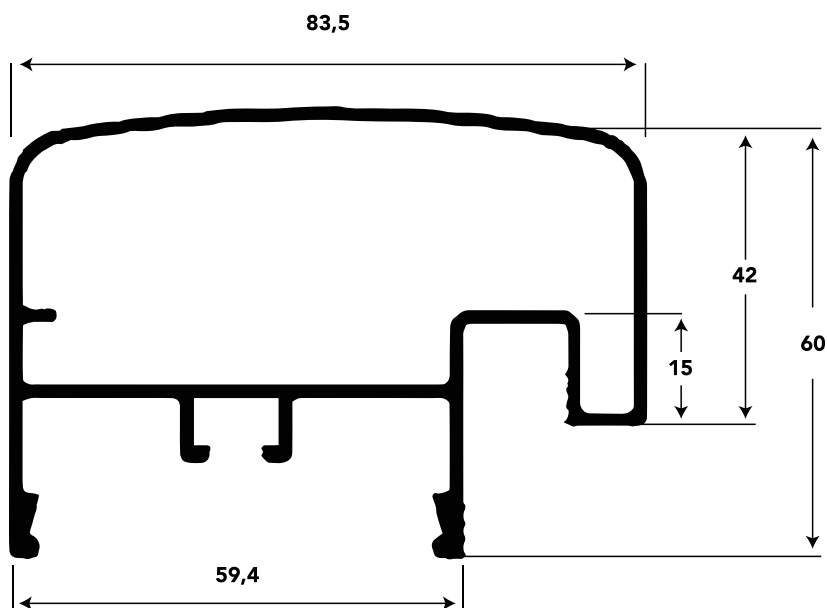
CG-075

0,520 Kg/m



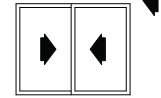
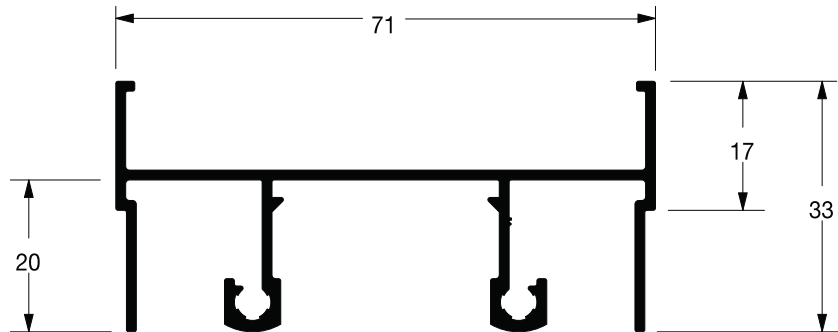
CG-083

1,304Kg/m



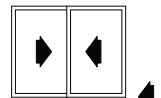
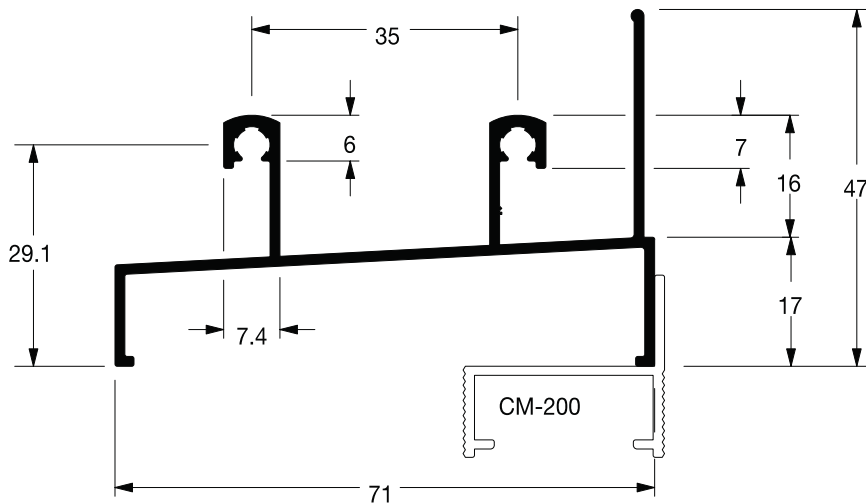
SU-001
0,762 kg/m

Marco superior / correr 2



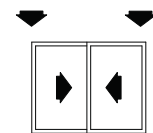
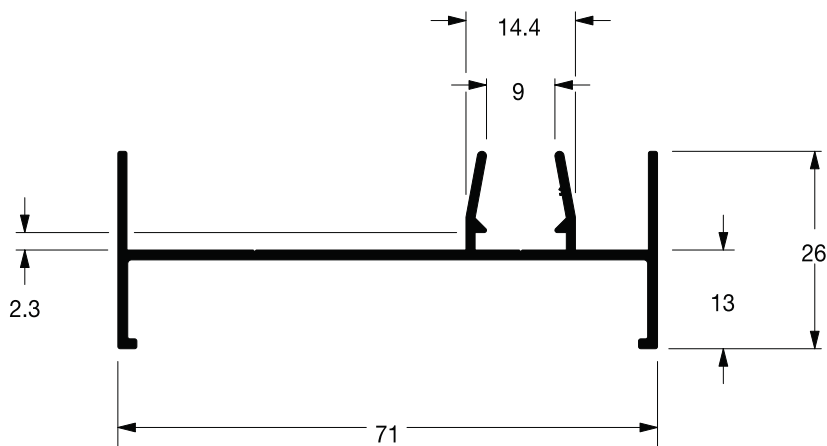
SU-002
0,707 kg/m

Marco inferior / correr 2



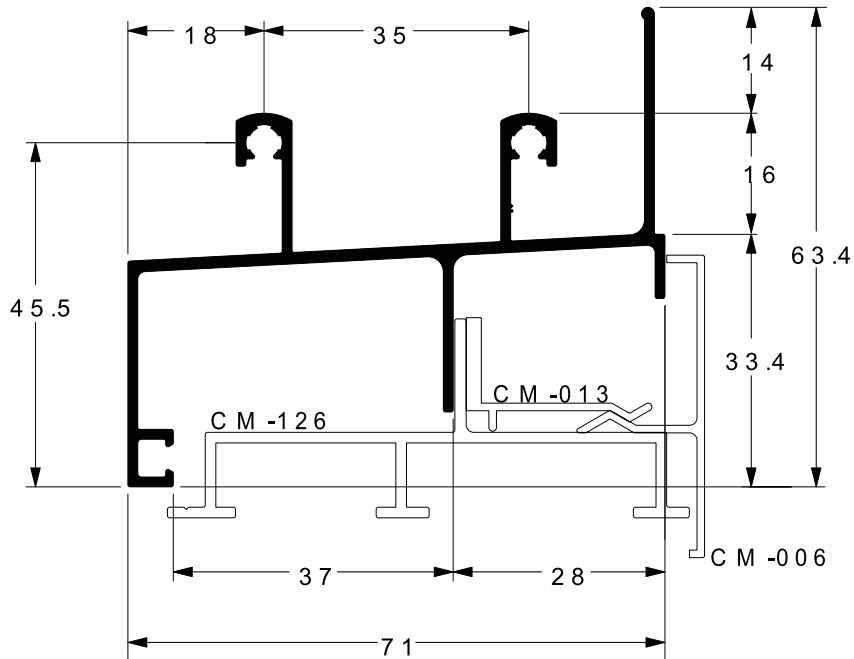
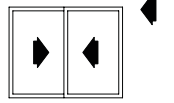
SU-003
0,523 kg/m

Marco lateral / correr 2



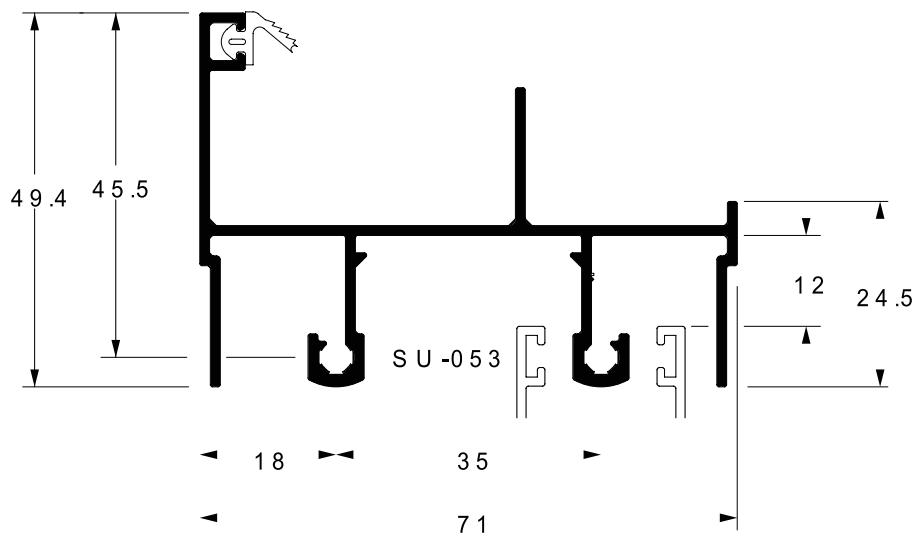
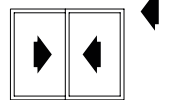
SU-027
1,002 kg/m

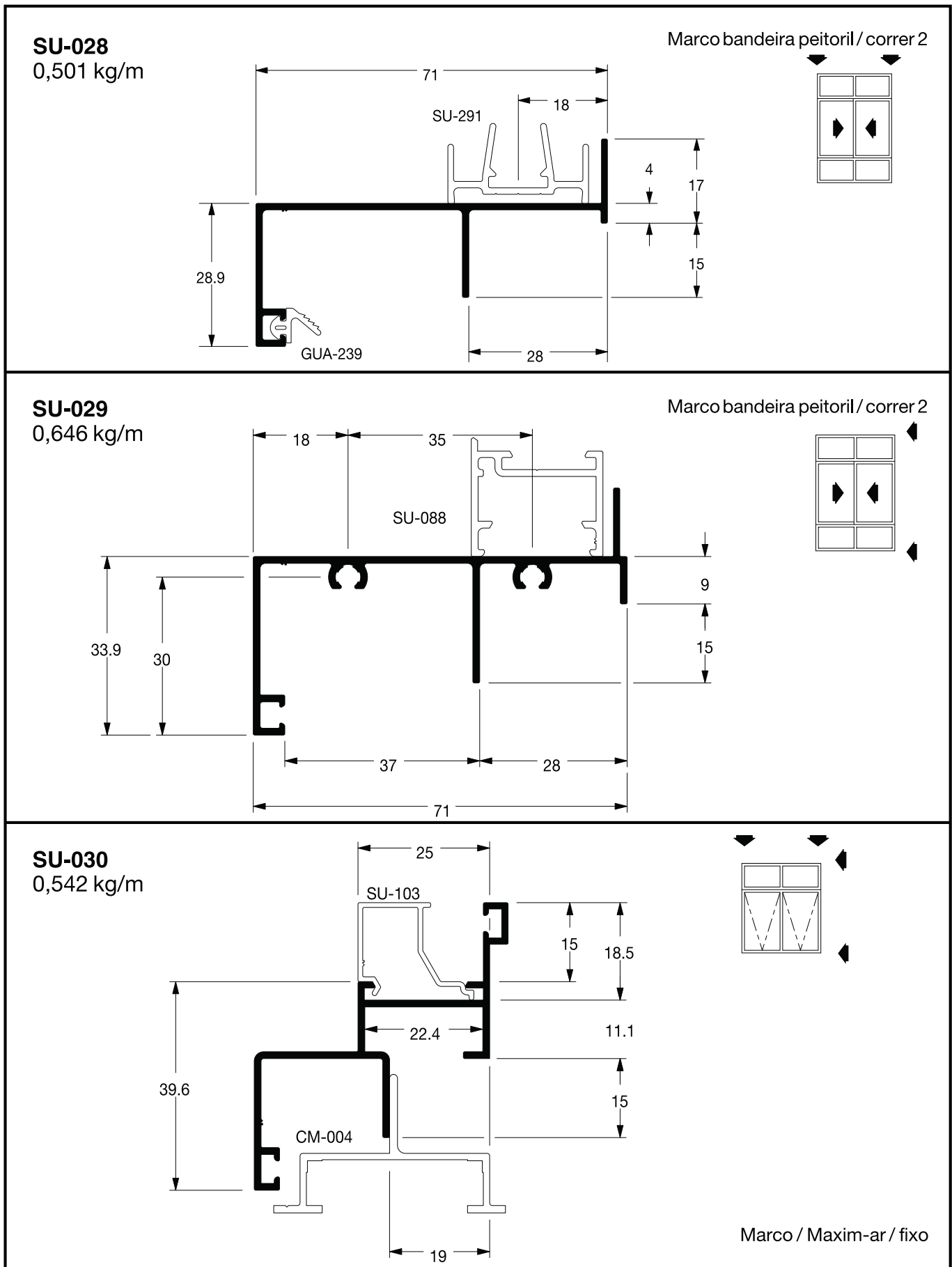
Marco inferior / correr 2



SU-026
0,878 kg/m

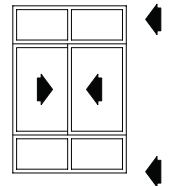
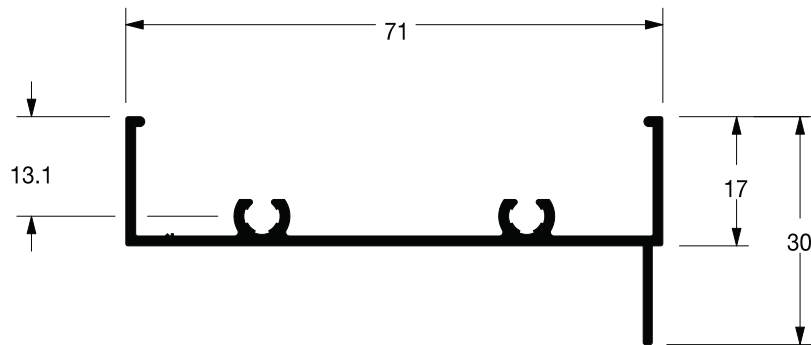
Marco superior / correr





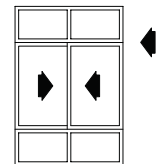
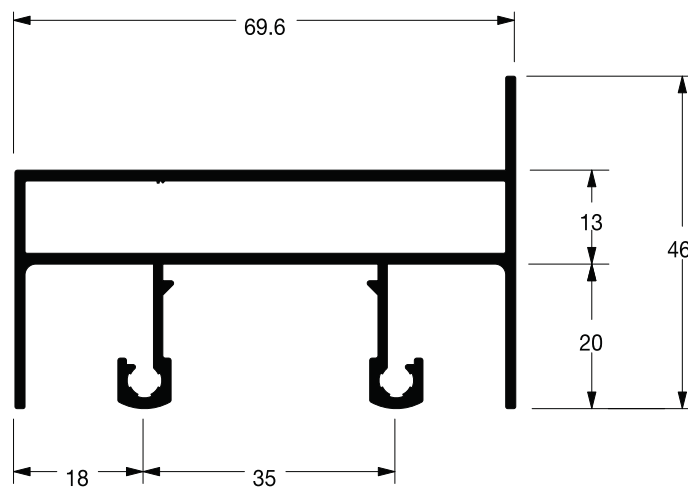
SU-004
0,504 kg/m

Marco bandeira peitoril / correr 2



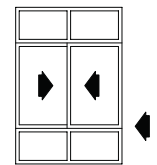
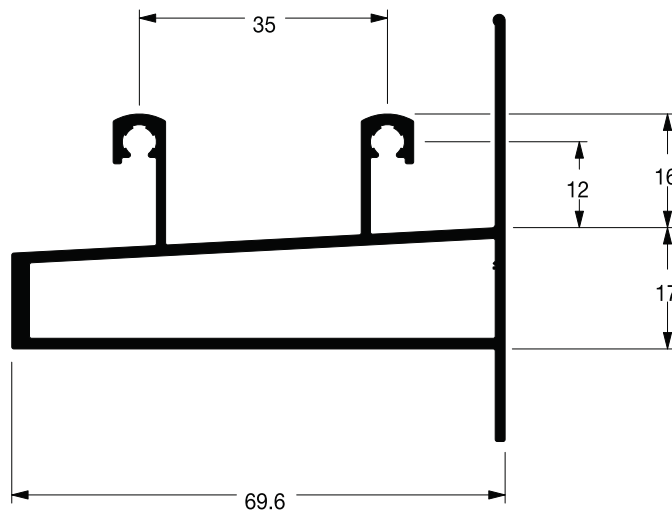
SU-005
1,108 kg/m

Travessa bandeira / marco / correr 2



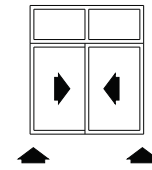
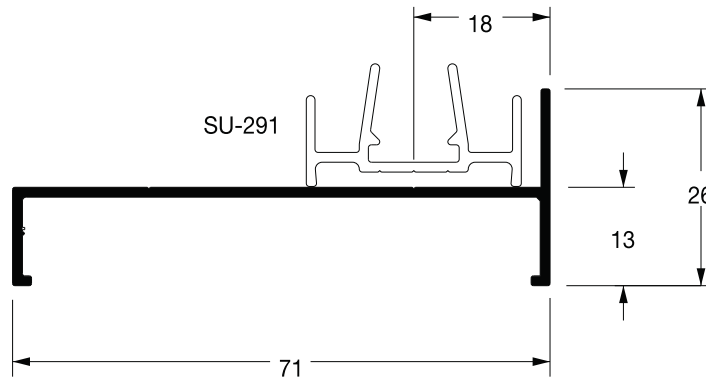
SU-006
1,086 kg/m

Travessa peitoril / marco / correr 2



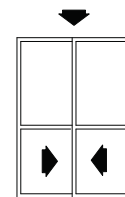
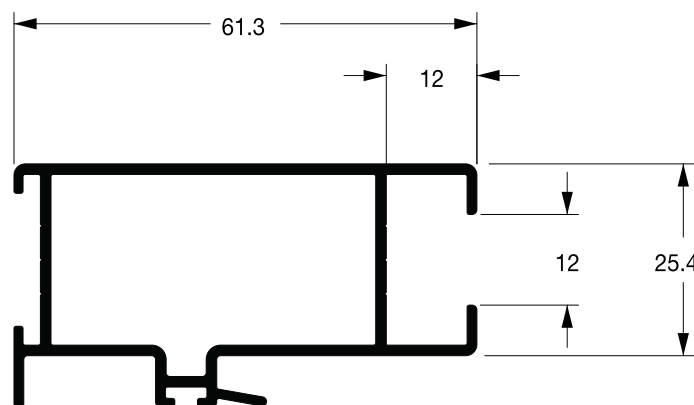
SU-007
0,382 kg/m

Marco lateral / correr 2



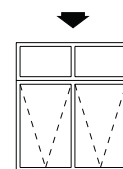
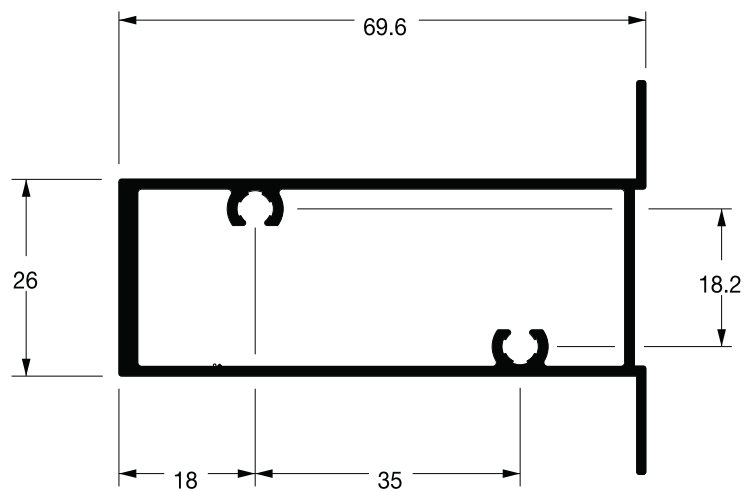
SU-239
0,783 kg/m

Montante mão de amigo



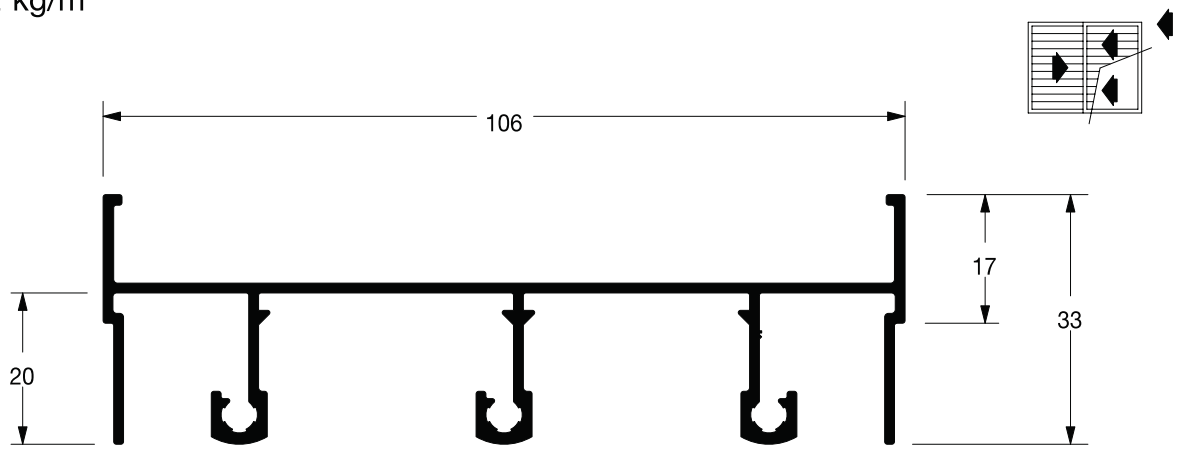
SU-009
0,908 kg/m

Coluna



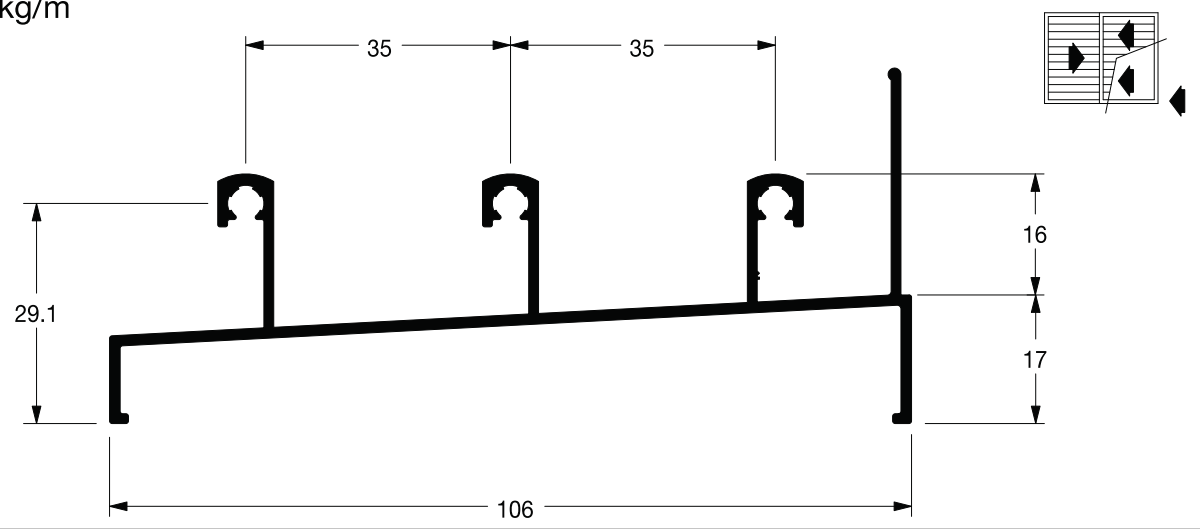
SU-010
1,022 kg/m

Marco superior / correr 3



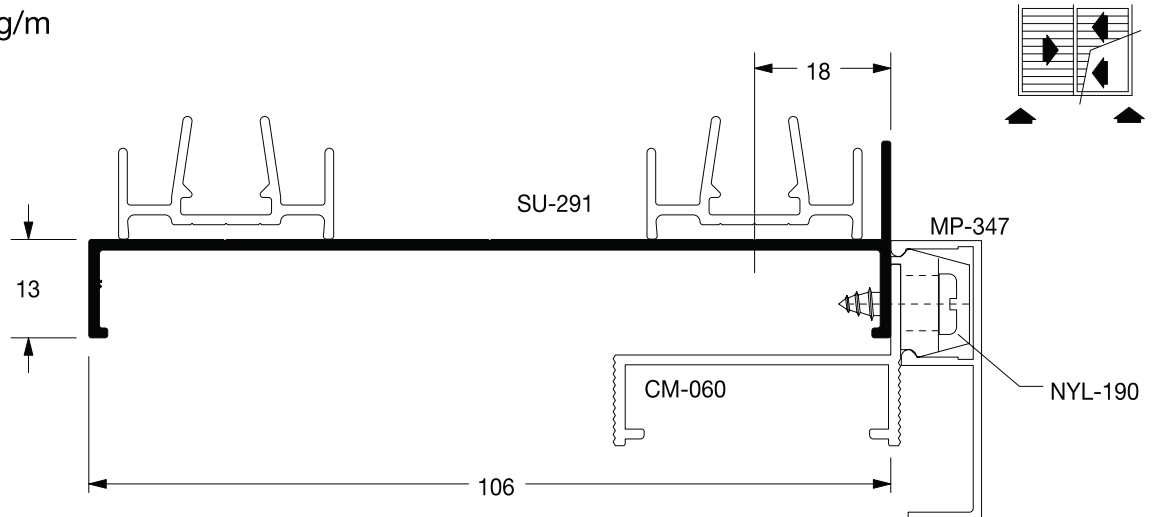
SU-011
0,981 kg/m

Marco inferior / correr 3



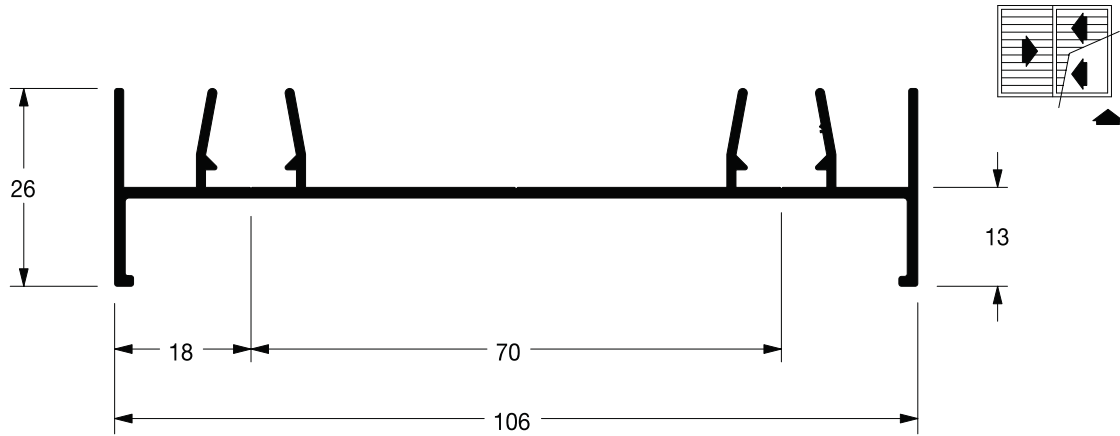
SU-012
0,539 kg/m

Marco lateral / correr 3



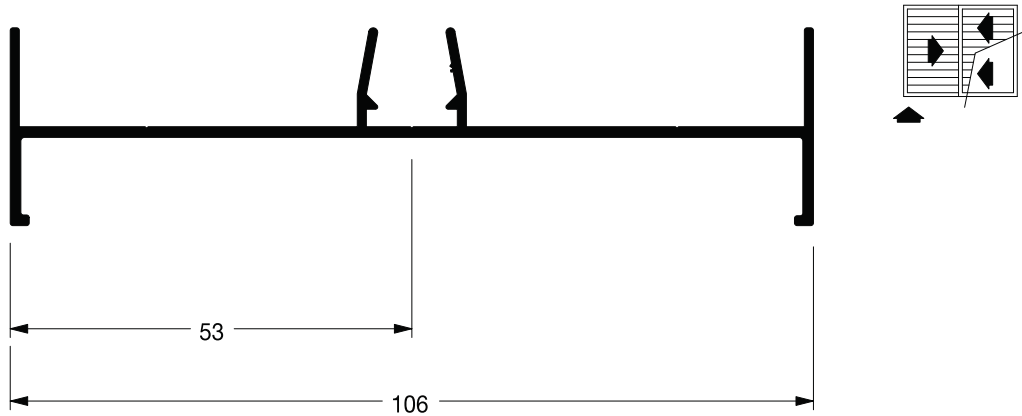
SU-013
0,772 kg/m

Marco lateral / correr 3



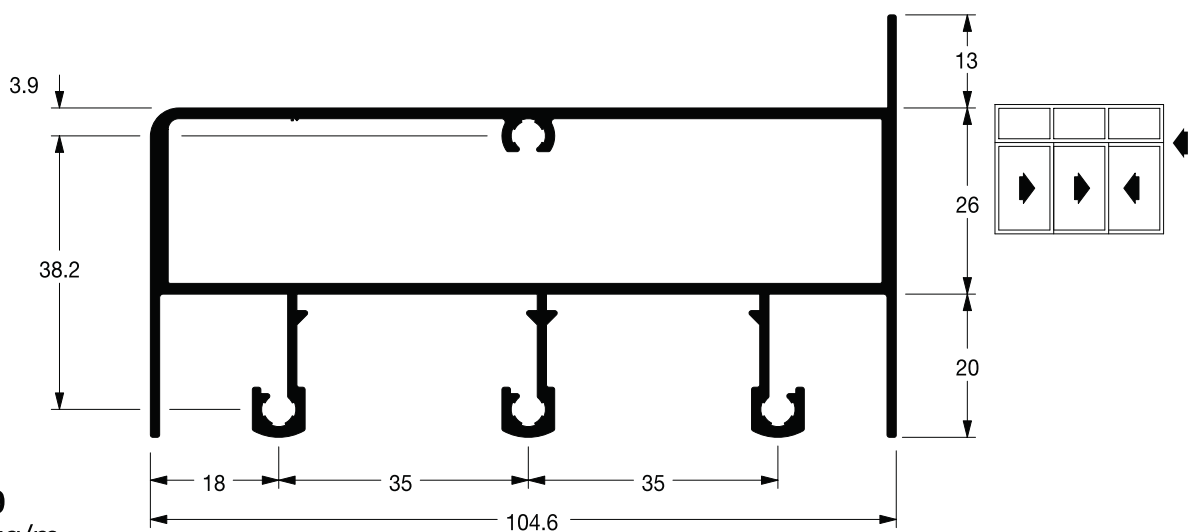
SU-014
0,677 kg/m

Marco lateral / correr 3



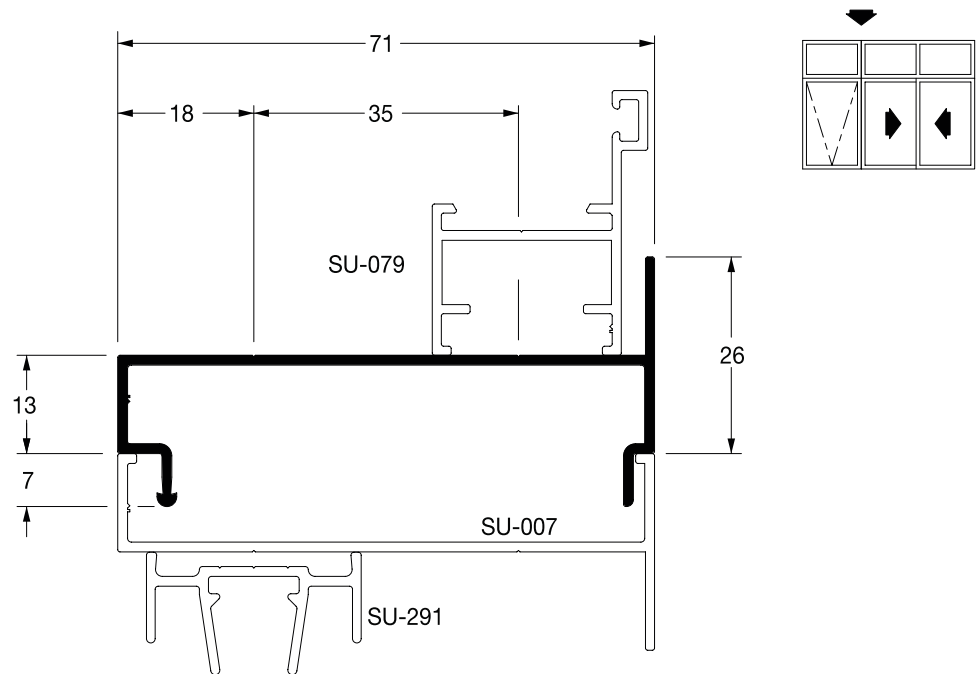
SU-019
1,770 kg/m

Travessa bandeira / marco / correr 3



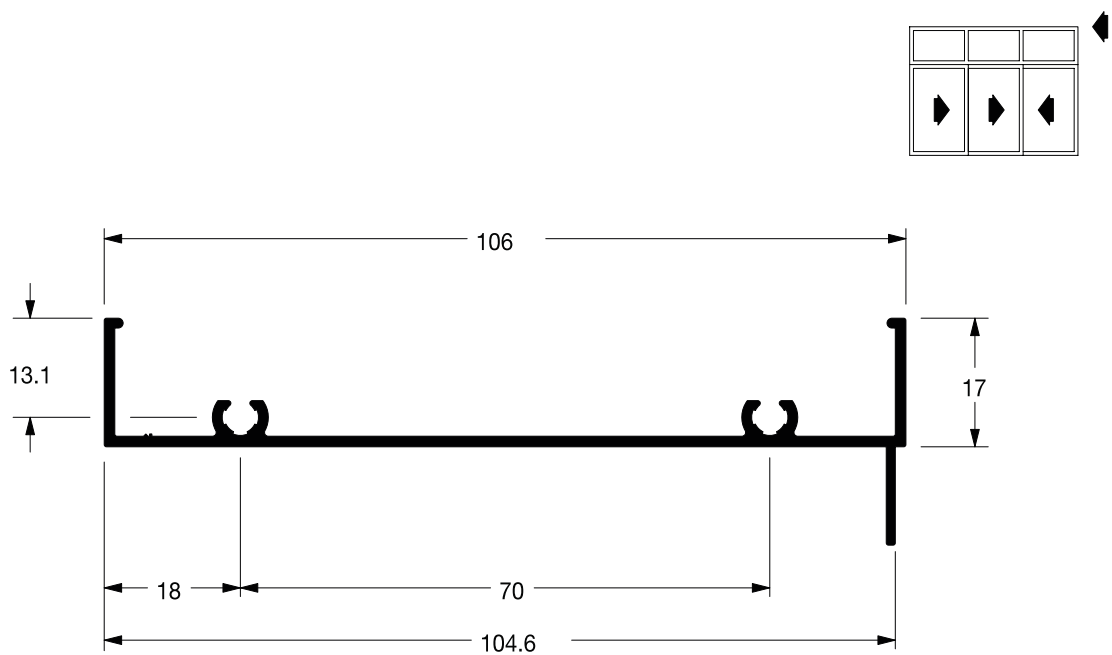
SU-036
0,455 kg/m

Componente / coluna / correr 2



SU-018
0,659 kg/m

Travessa superior bandeira / correr 3



SU-057
0,631 kg/m

Montante mão de amigo

Technical drawing of the SU-057 profile. The main drawing shows a cross-section with dimensions: 38.9 (total width), 15.7 (width of the top flange), 25 (height of the main vertical section), 21 (width of the central vertical section), and 38.7 (total height). A small inset diagram shows the profile being used as a handrail for a window.

SU-044
0,970 kg/m

Montante / folha / correr

Technical drawing of the SU-044 profile. The main drawing shows a cross-section with dimensions: 52 (total height), 17.6 (height of the top flange), 12 (width of the top flange), 22.6 (height of the bottom flange), 13.5 (width of the bottom flange), and 39.1 (total width). An inset diagram shows the profile used in a window frame with arrows indicating movement.

SU-047
1,041 kg/m

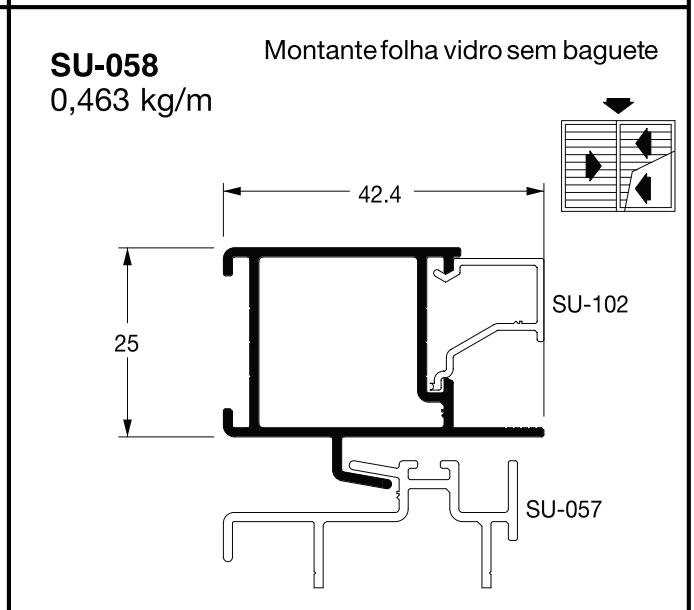
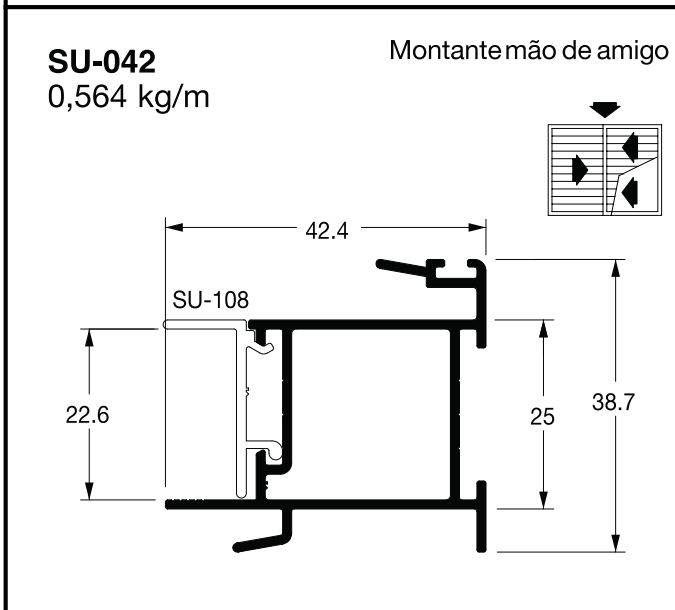
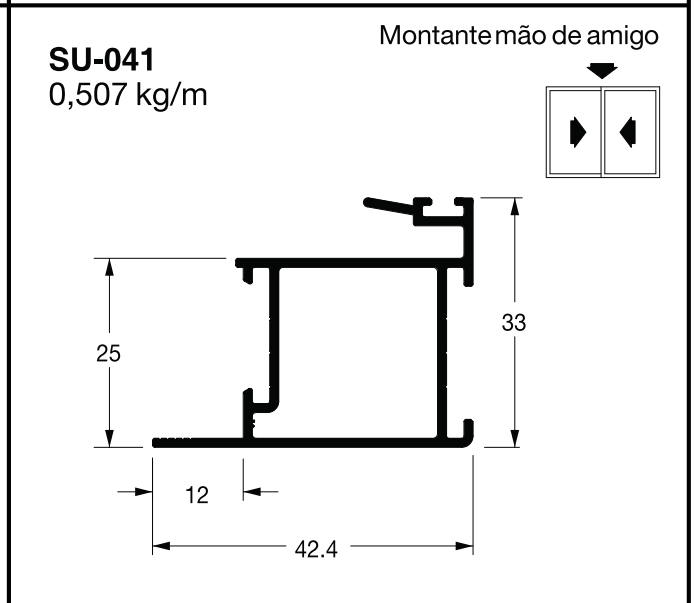
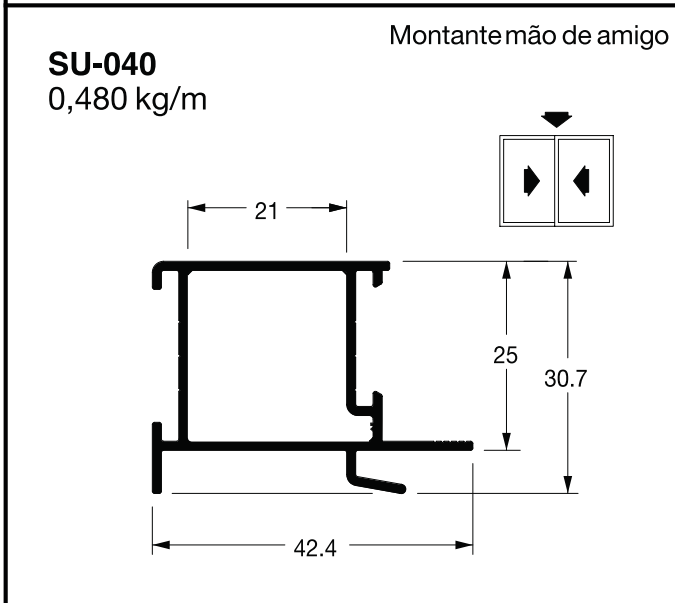
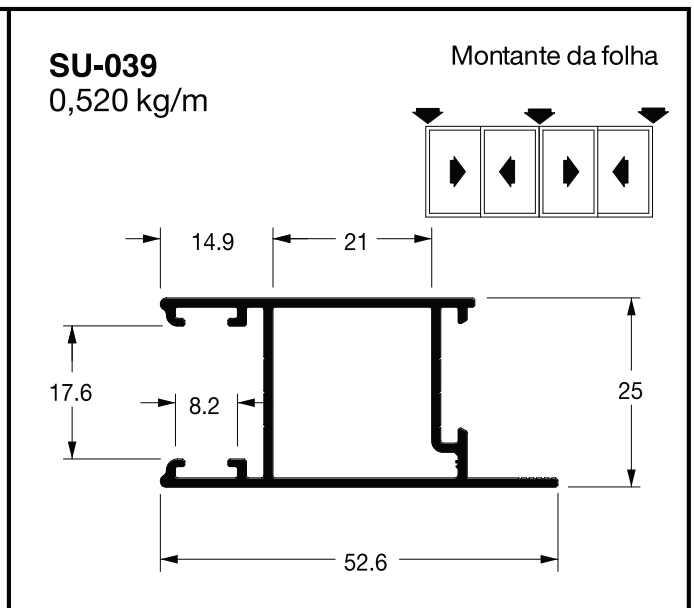
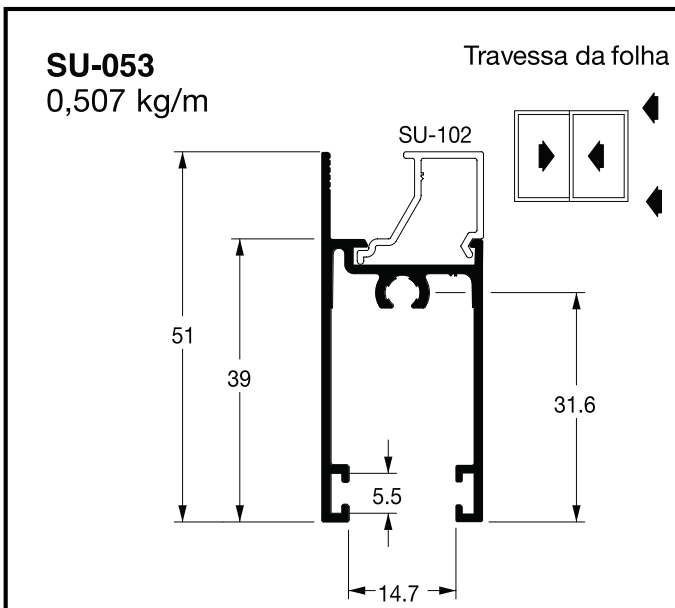
Montante mão de amigo

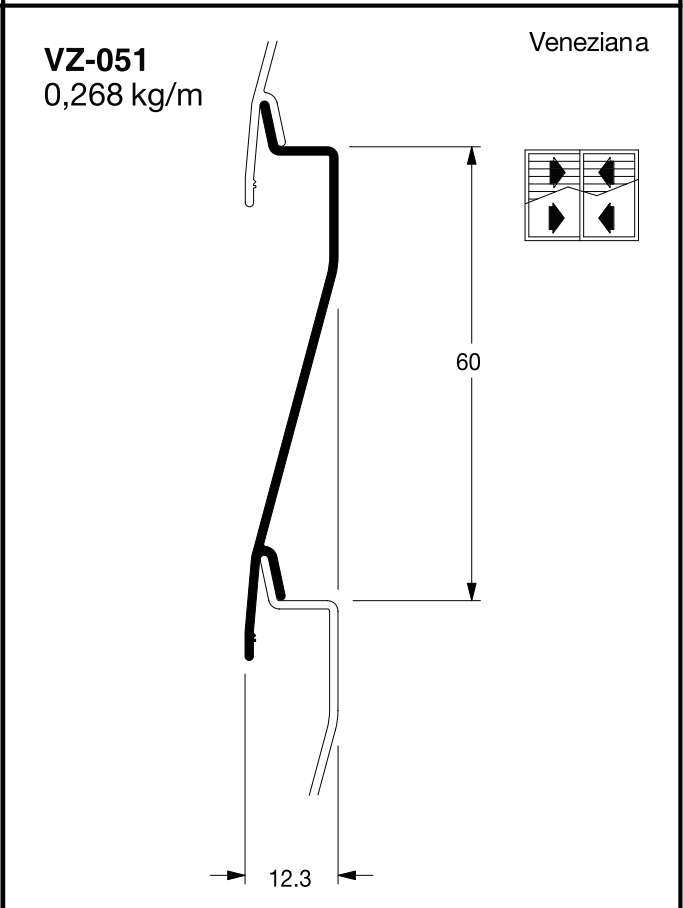
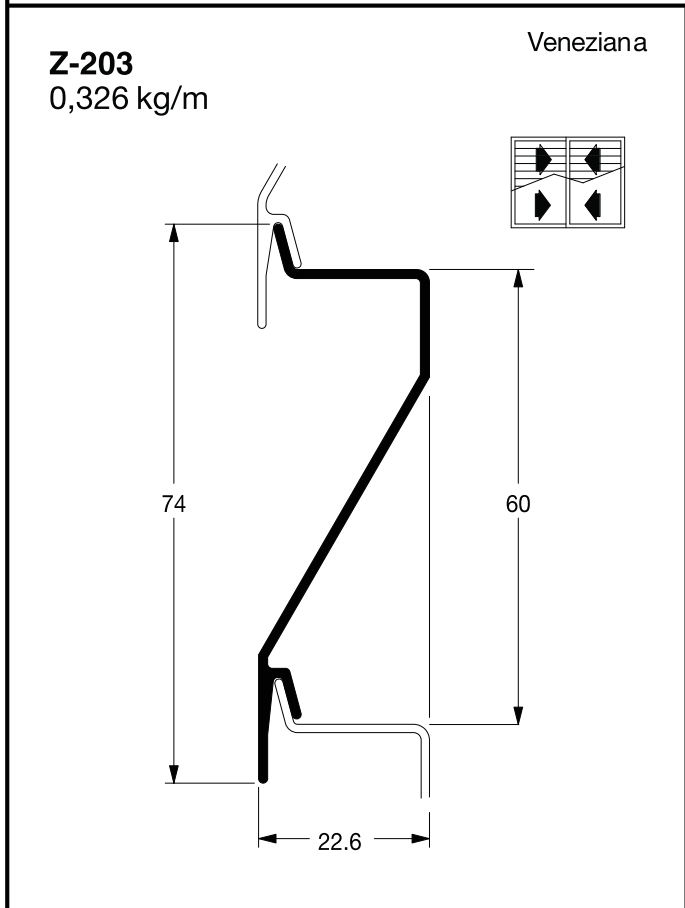
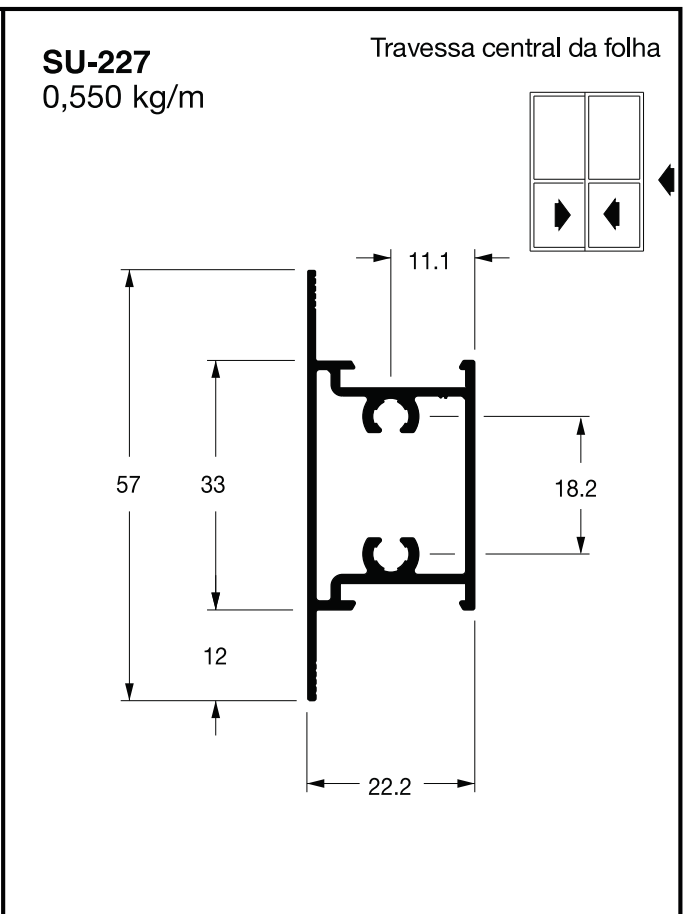
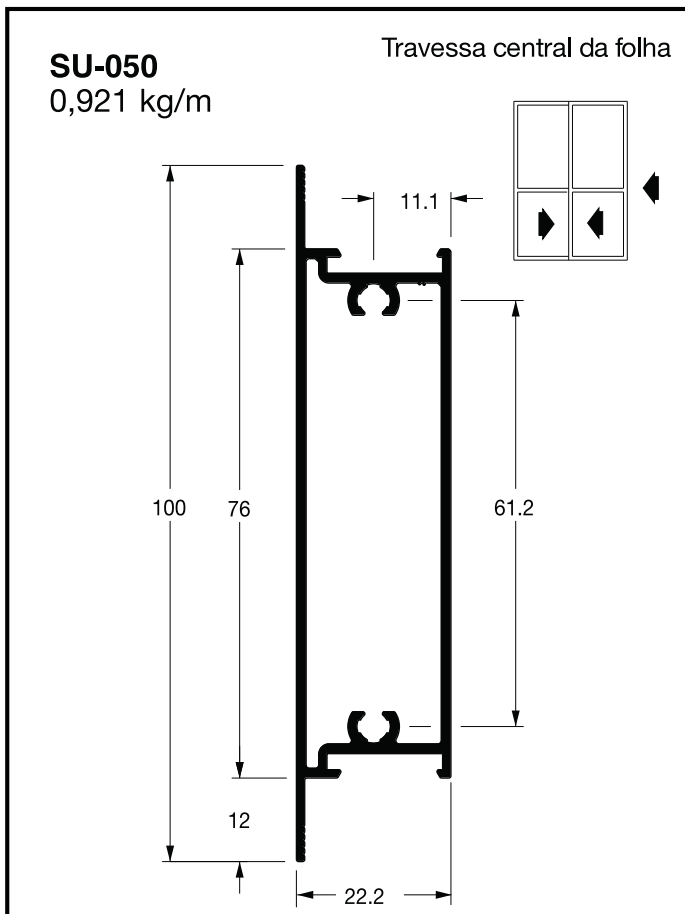
Technical drawing of the SU-047 profile. The main drawing shows a cross-section with dimensions: 42.4 (total width), 63 (total height), 22.6 (height of the bottom flange), 5.7 (height of the bottom flange), and 30.4 (width of the bottom flange). An inset diagram shows the profile being used as a handrail for a window.

SU-049
1,052 kg/m

Montante mão de amigo

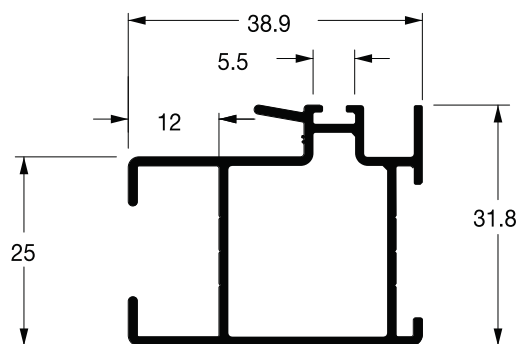
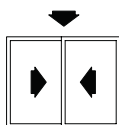
Technical drawing of the SU-049 profile. The main drawing shows a cross-section with dimensions: 71 (total height), 12 (width of the top flange), 63.2 (height of the bottom flange), and 42.4 (total width). An inset diagram shows the profile being used as a handrail for a window. A component labeled SU-102 is also indicated.





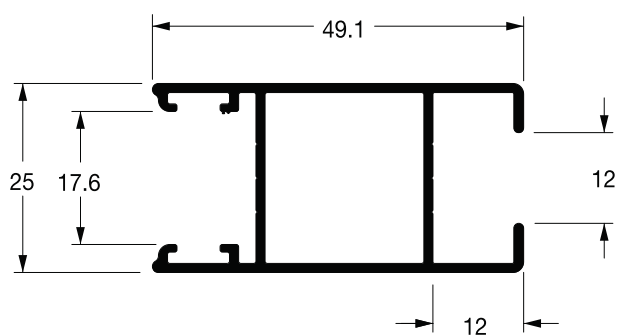
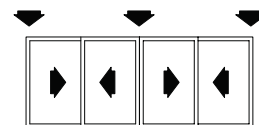
SU-056
0,539 kg/m

Montante mão de amigo



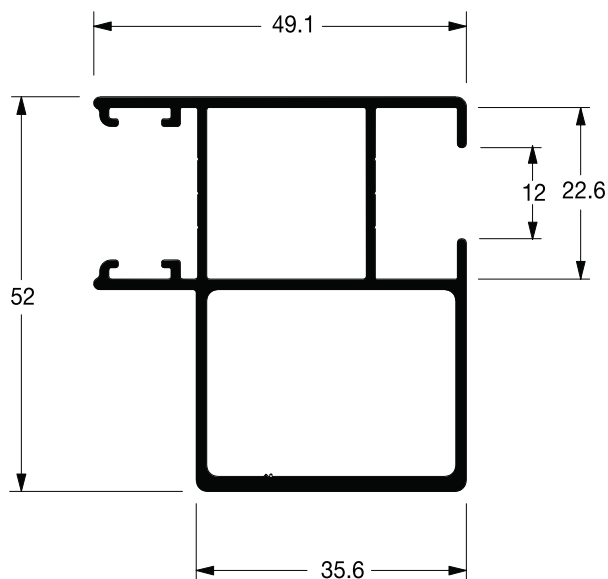
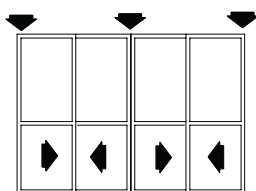
SU-055
0,545 kg/m

Montante



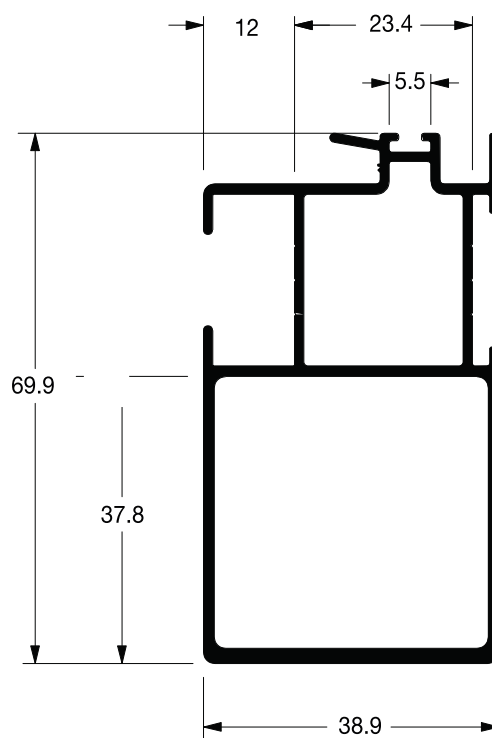
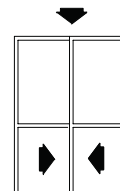
SU-060
0,978 kg/m

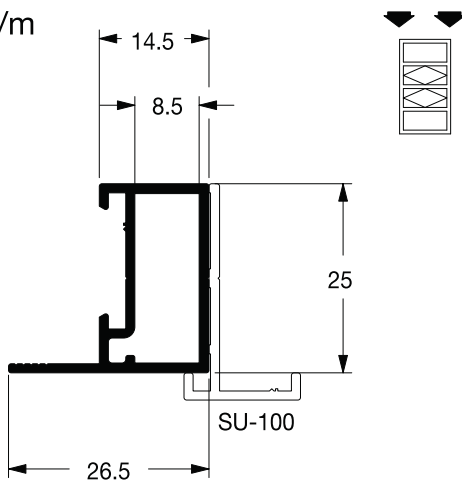
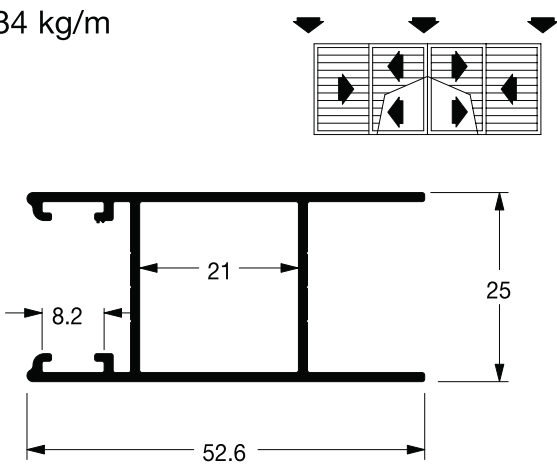
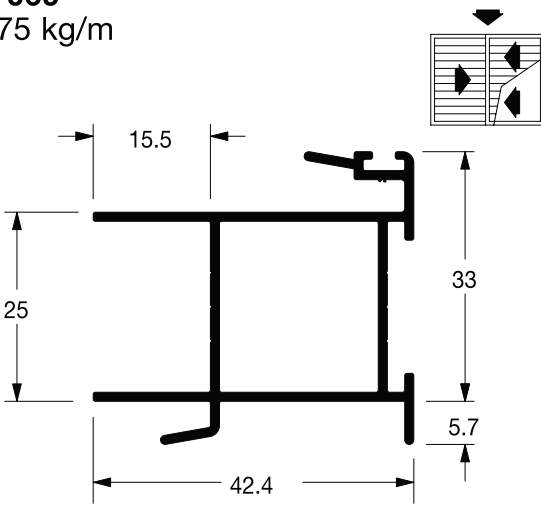
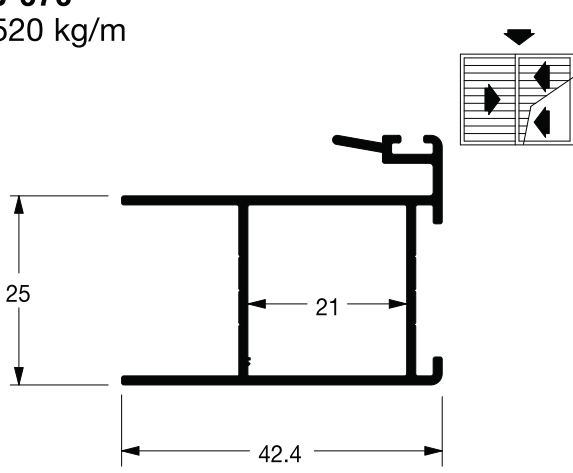
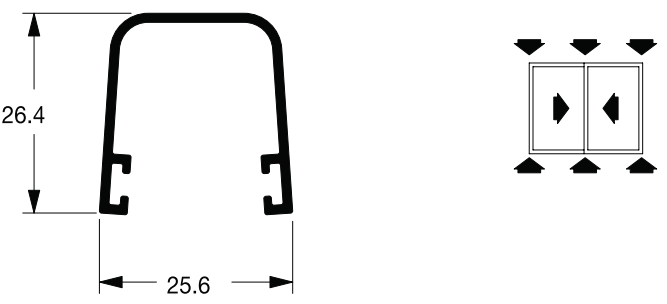
Montante lateral da folha



SU 061
1,062 kg/m

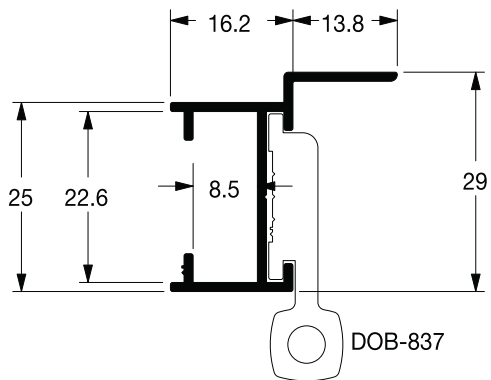
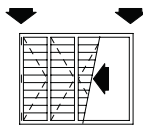
Montante mão de amigo



<p>SU-096 0,314 kg/m</p> <p>Montante/ folha</p> 	<p>SU-068 0,534 kg/m</p> <p>Montante da folha veneziana</p> 
<p>SU-069 0,575 kg/m</p> <p>Montante mão de amigo</p> 	<p>SU-070 0,520 kg/m</p> <p>Montante mão de amigo</p> 
<p>SU-107 0,265 kg/m</p> <p>Vedação do montante</p> 	

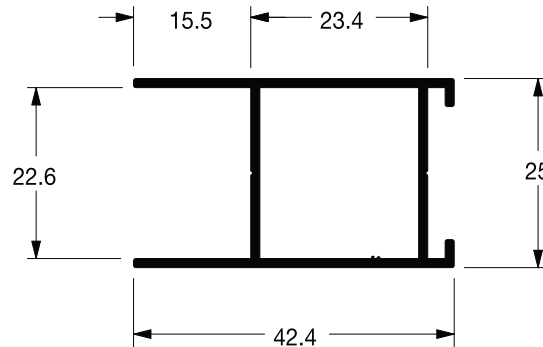
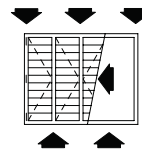
SU-071
0,276 kg/m

Complemento marco



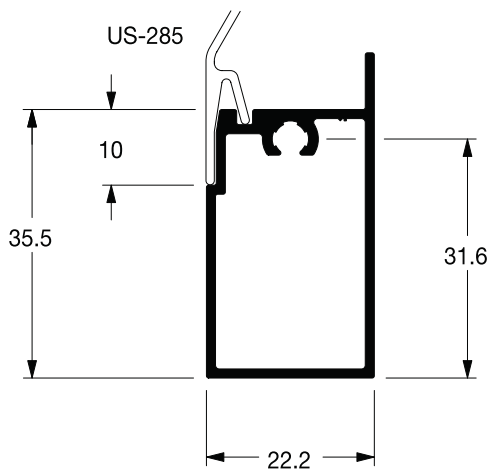
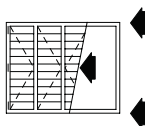
SU-072
0,439 kg/m

Montante / folha veneziana



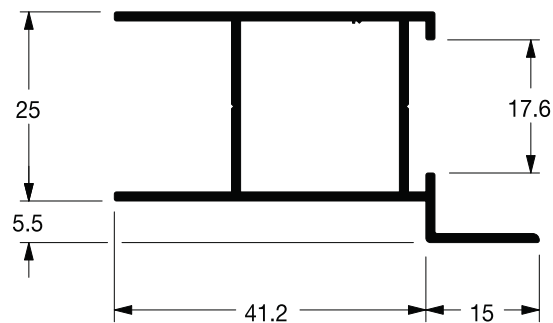
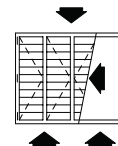
SU-073
0,447 kg/m

Travessa / folha veneziana



SU-074
0,501 kg/m

Montante / folha veneziana



L-592
0,283 kg/m

Complementofolha

SU-080
0,360 kg/m

Travessa superior fo

lha 45°

SU-081
0,412 kg/m

Montante / folha

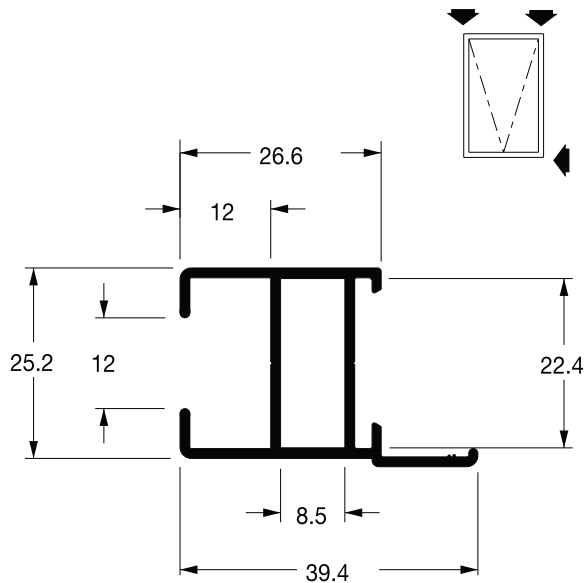
SU-082
0,312 kg/m

Travessa / folha

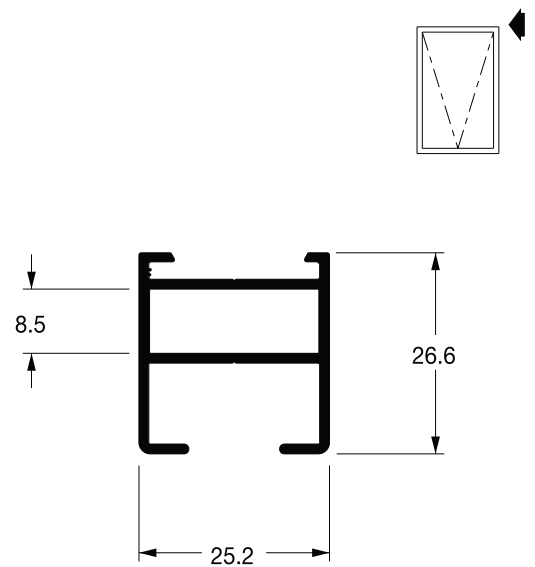
SU-084
0,125 kg/m

Pingadeira /folha

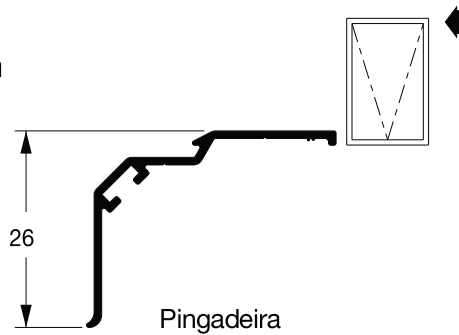
SU-090 Montante/travessa inferior da folha 45°
0,453 kg/m



SU-091 Travessa superior da folha 45°
0,401 kg/m

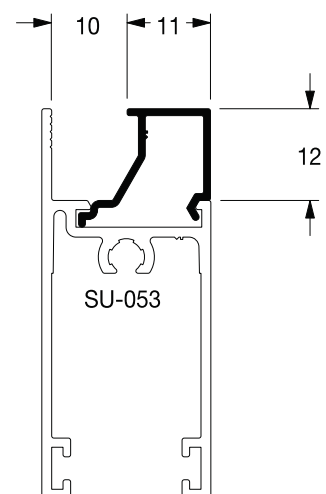


SU-276
0,168 kg/m



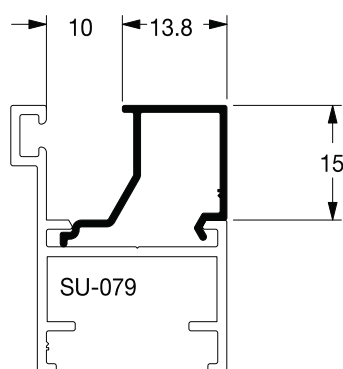
SU-102
0,111 kg/m

Baguete



SU-103
0,140 kg/m

Baguete



SU-086
0,596 kg/m

Coluna / marco

SU-085
0,501 kg/m

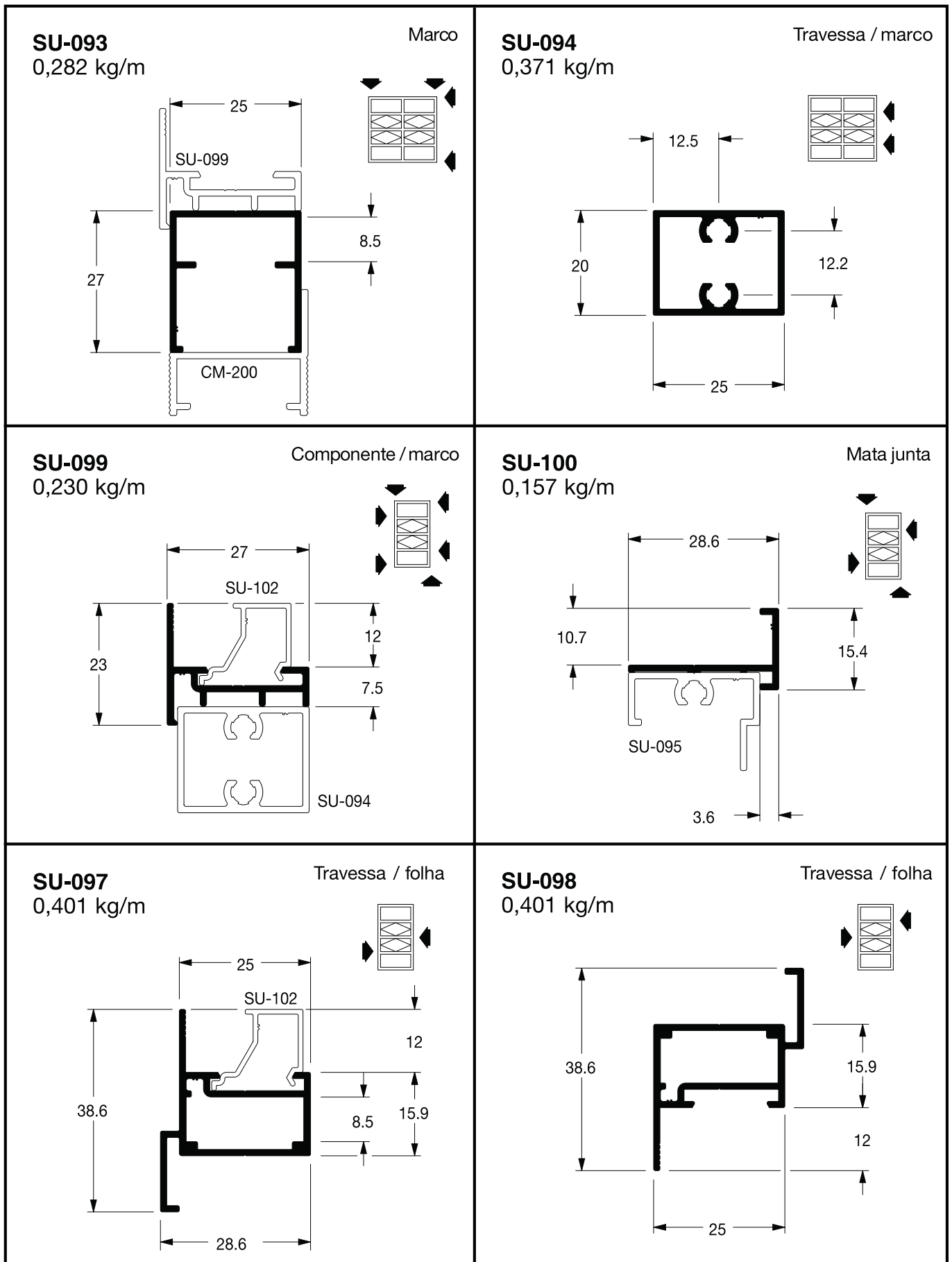
Travessa / marco

SU-079
0,341 kg/m

Marco

SU-088
0,312 kg/m

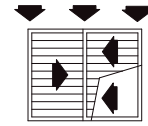
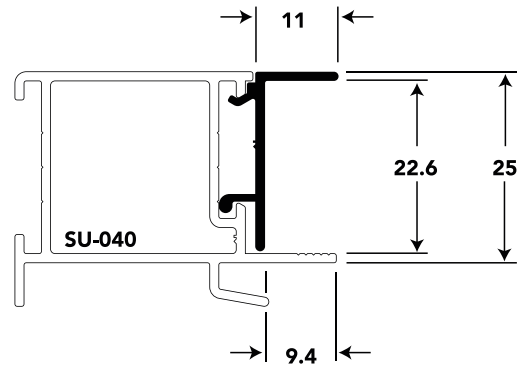
Marco



SU-108

0,146 Kg/mZ

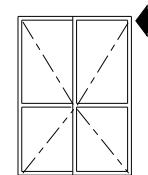
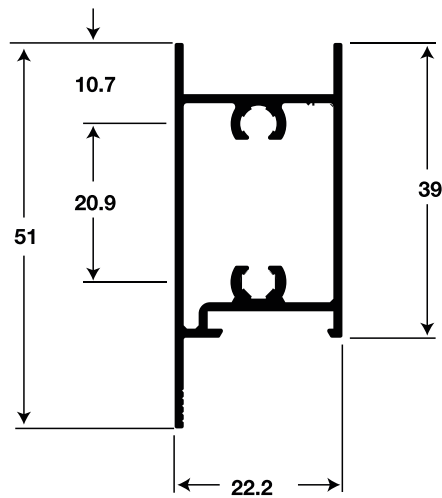
Complemento veneziana 22 folha / correr



SU-110

0,534 Kg/m

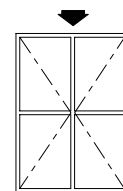
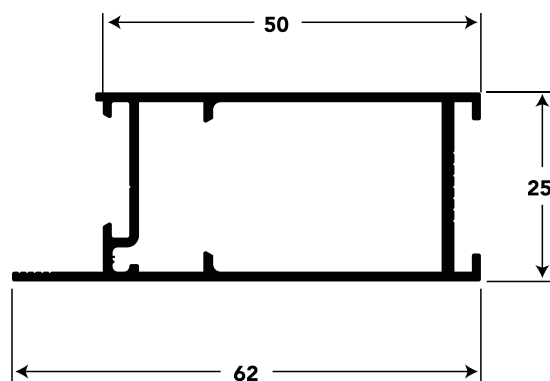
Travessa folha



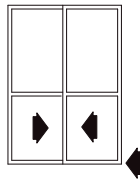
SU-111

0,640 Kg/m

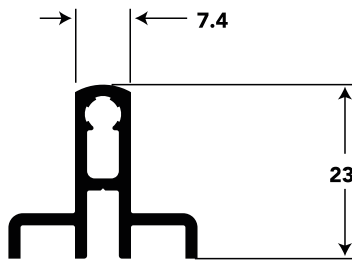
Montante folha



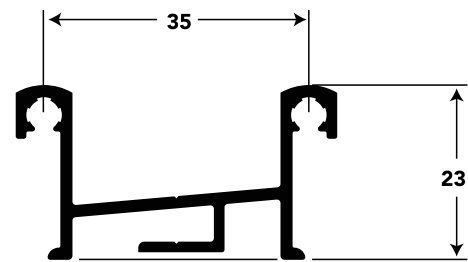
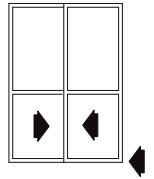
SU-271
0,348 Kg/m



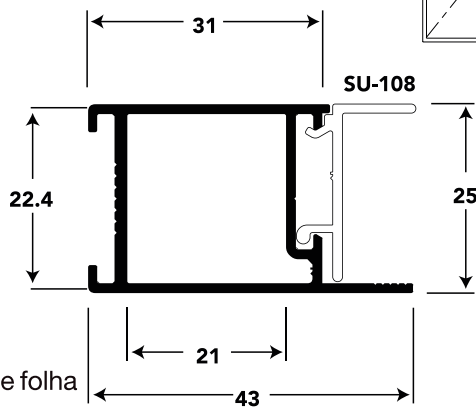
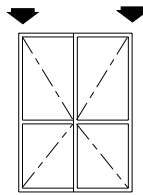
Trilho porta



SU-272
0,468 Kg/m



SU-120
0,482 Kg/m

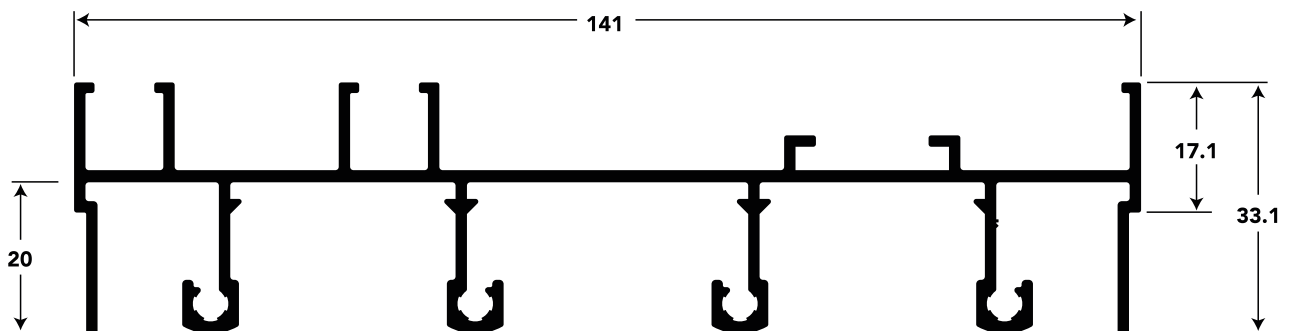
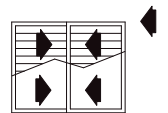


Montante folha

Trilho porta / correr 2

SU-121
1,586 Kg/m

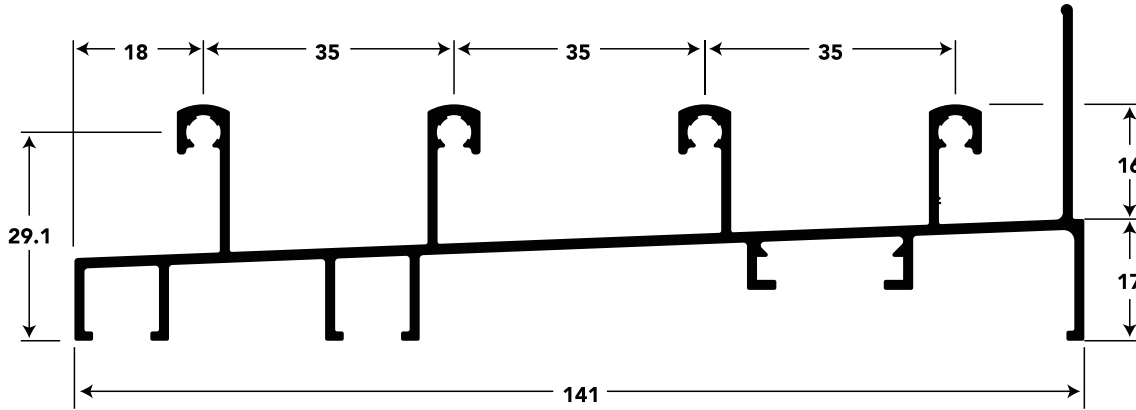
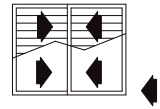
Marco superior / correr 4



SU-122

1,512 Kg/m

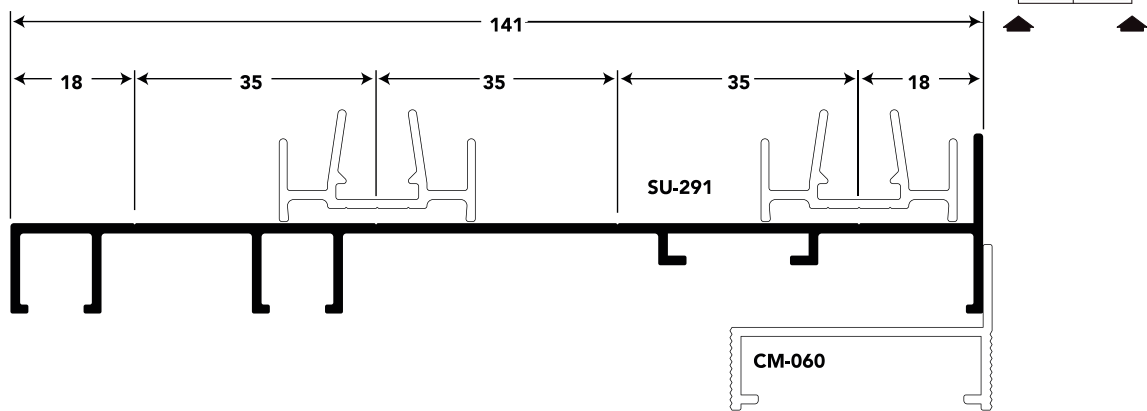
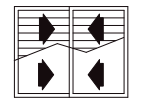
Marco inferior / correr 4



SU-123

0,919 Kg/m

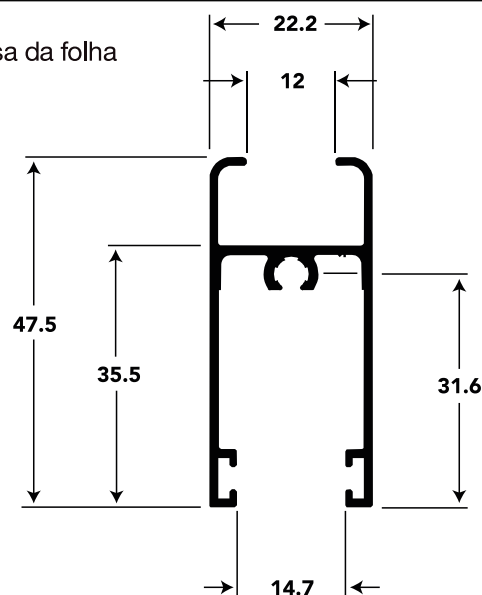
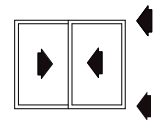
Marco lateral / correr 4



SU-186

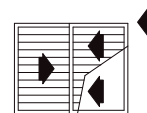
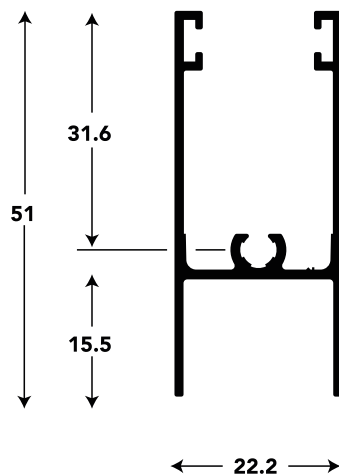
0,507 Kg/m

Travessa da folha



SU-187

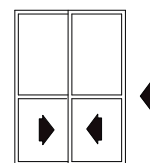
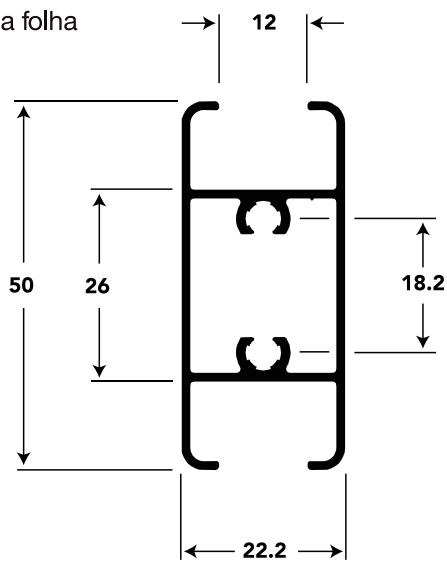
0,512 Kg/m Travessa da folha veneziana



SU-188

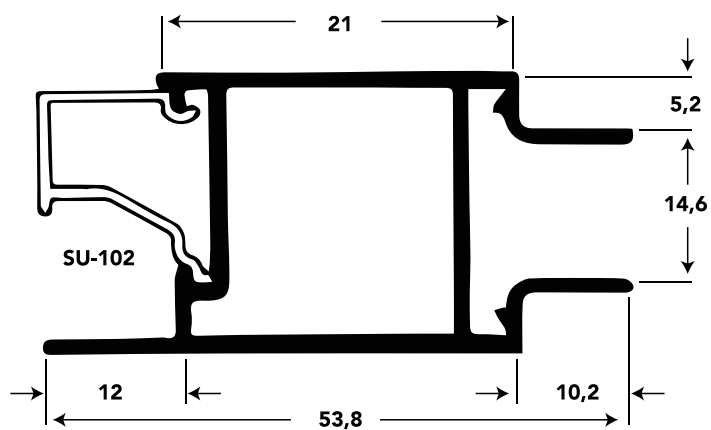
0,586 Kg/m

Travessa central da folha



SU-192

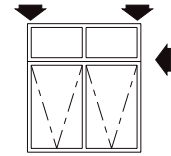
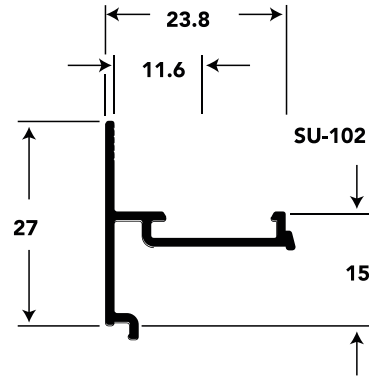
0,520 Kg/m



SU-292

0,206 Kg/m

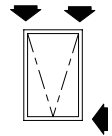
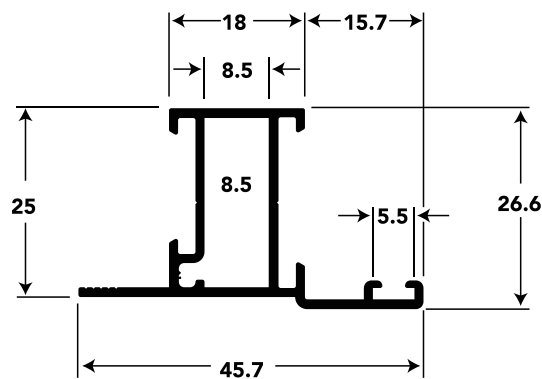
Inversor para baguete



SU-200

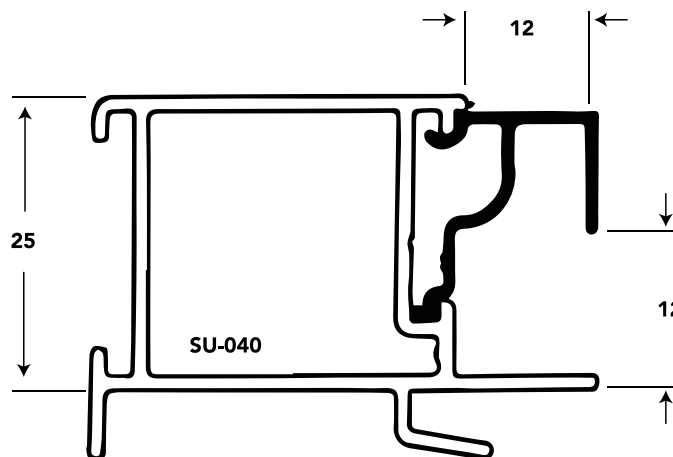
0,444 Kg/m

Montante / travessa folha 45°



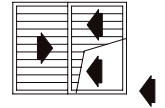
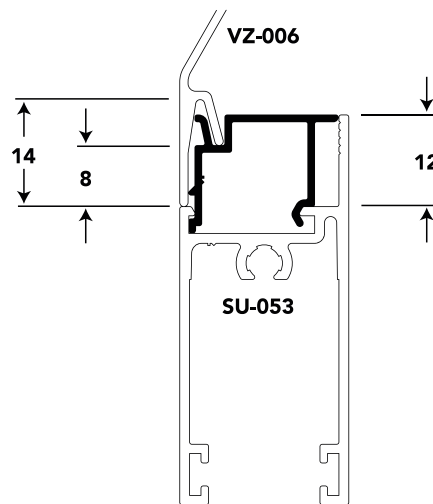
SU-202

0,114 Kg/m



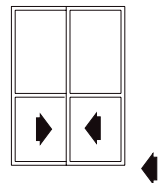
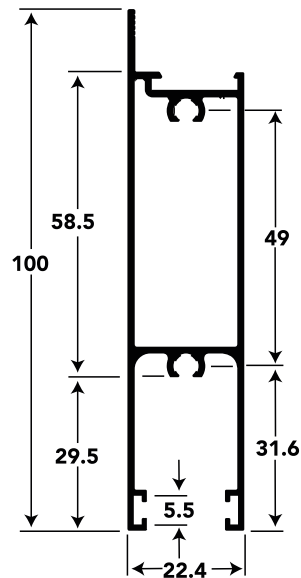
SU-203
0,133 Kg/m

Acoplador veneziana 12 e 22 folha / correr



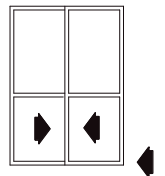
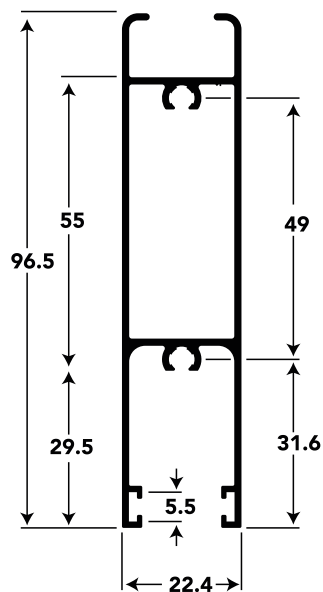
SU-225
0,989 Kg/m

Travessa inferior da folha



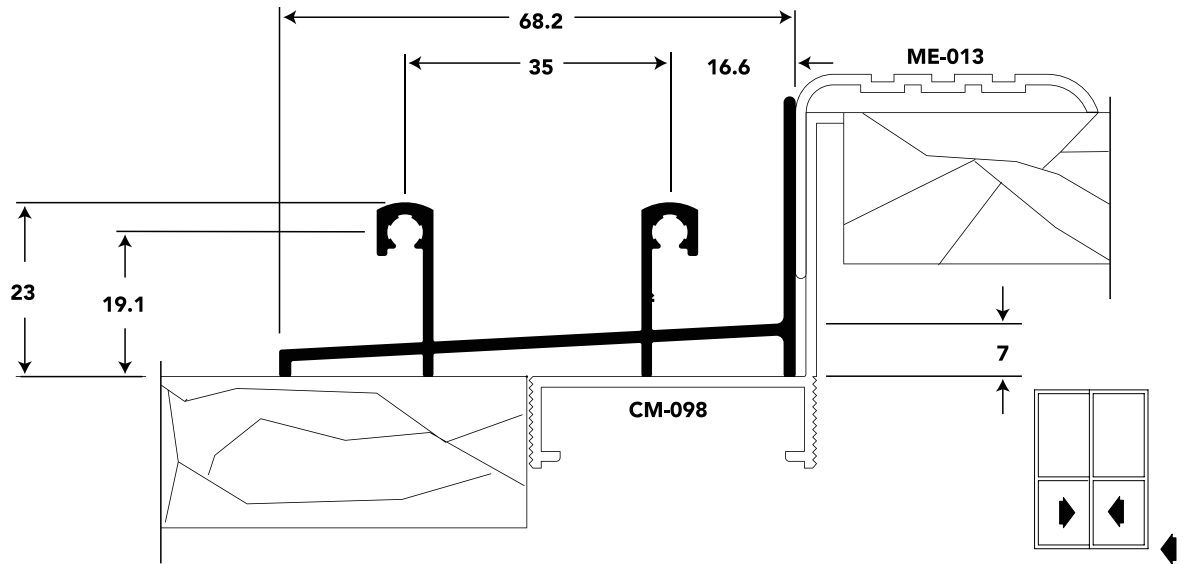
SU-226
1,014 Kg/m

Travessa inferior da folha



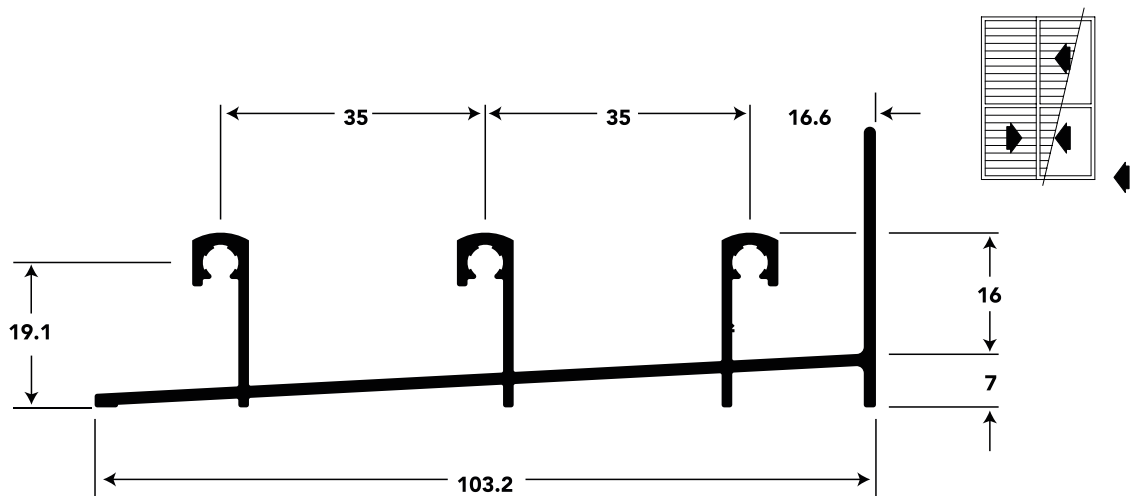
SU-228
0,688 Kg/m

Marco inferior / correr 2



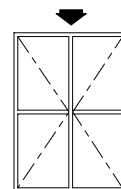
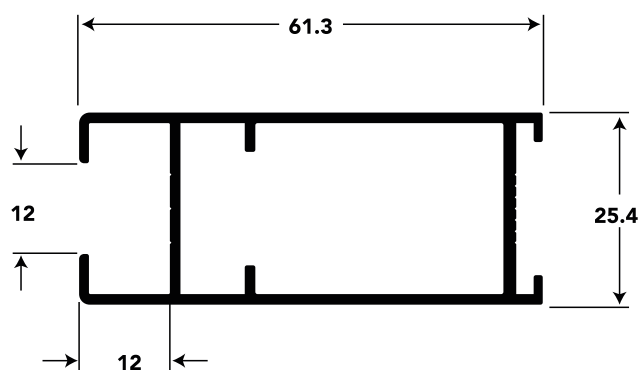
SU-230
0,954 Kg/m

Marco inferior / correr 3



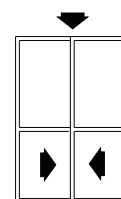
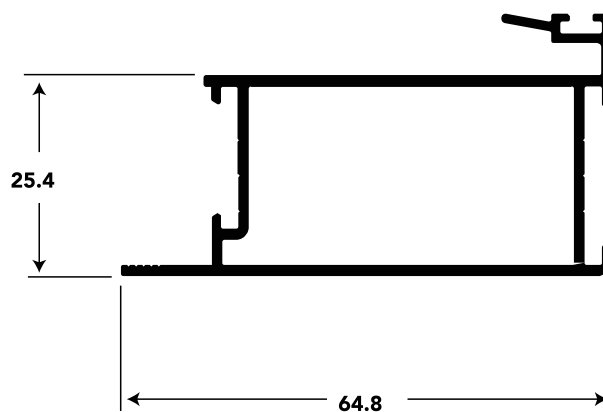
SU-241
0,734 Kg/m

Montante folha sem baguete



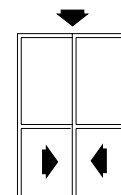
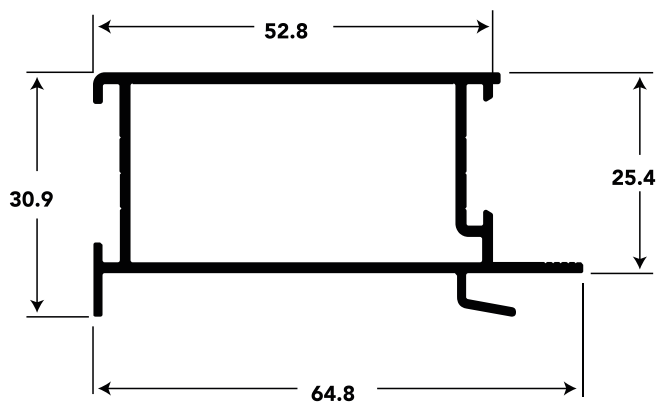
SU-242
0,743 Kg/m

Montante mão de amigo



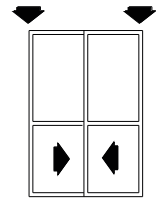
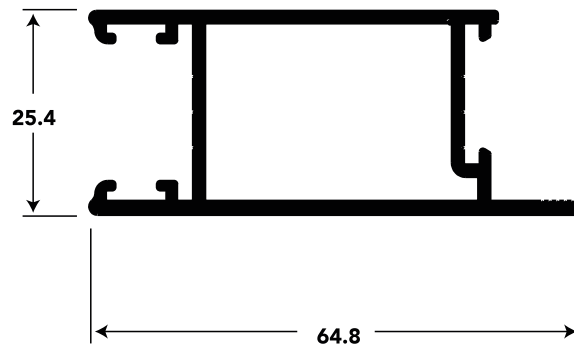
SU-243
0,712 Kg/m

Montante mão de amigo



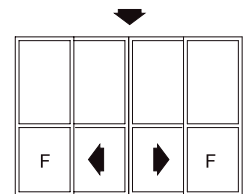
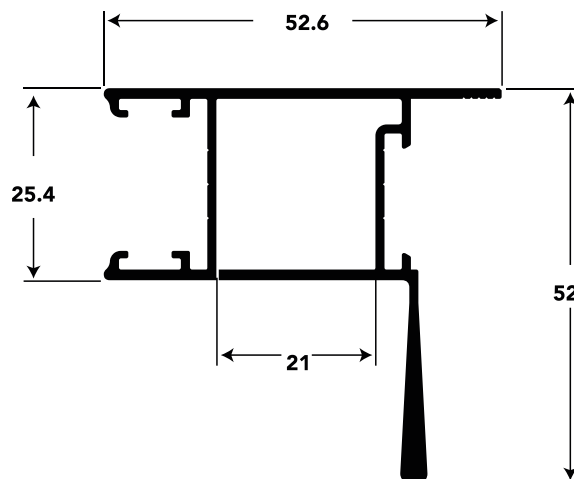
SU-245
0,688 Kg/m

Montante lateral da folha



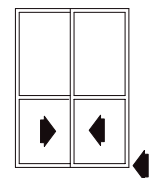
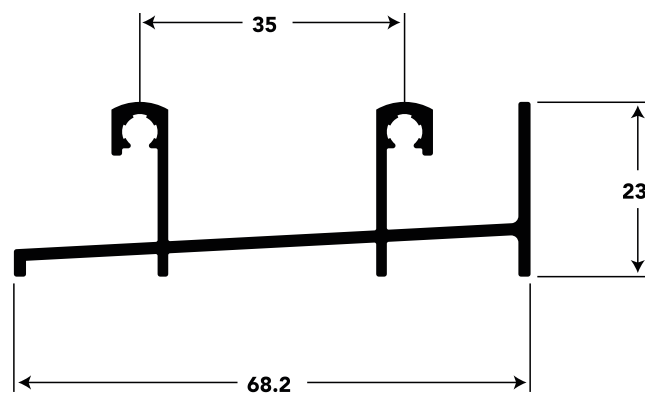
SU-250
0,736 Kg/m

Montante central folha / correr



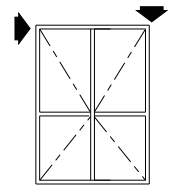
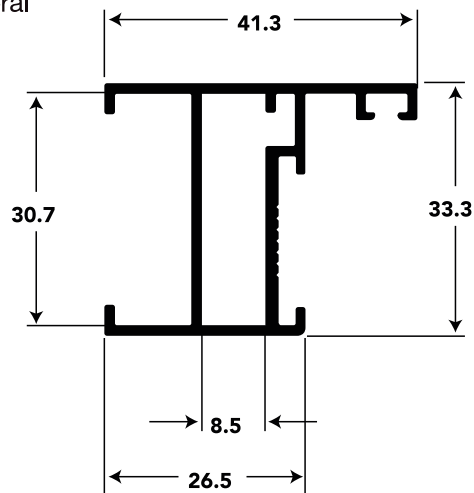
SU-260
0,613 Kg/m

Marco inferior / correr 2



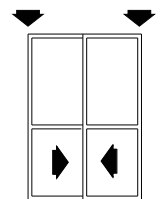
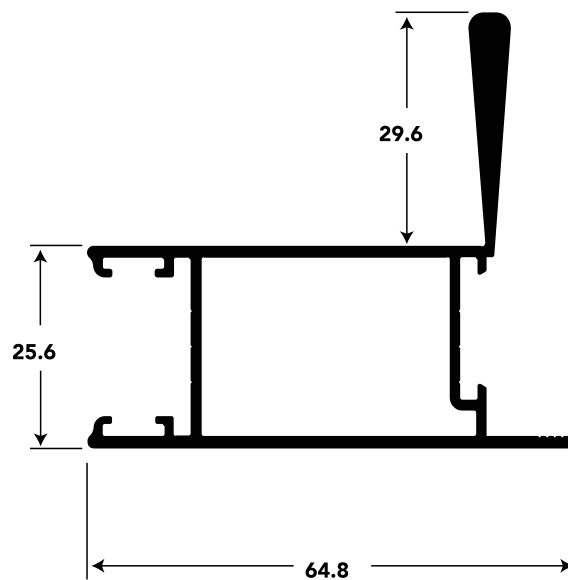
SU-279
0,565 Kg/m

Marco lateral



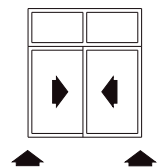
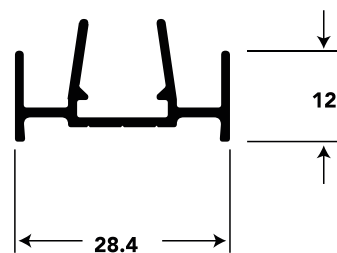
SU-280
1,006 Kg/m

Montante lateral da folha

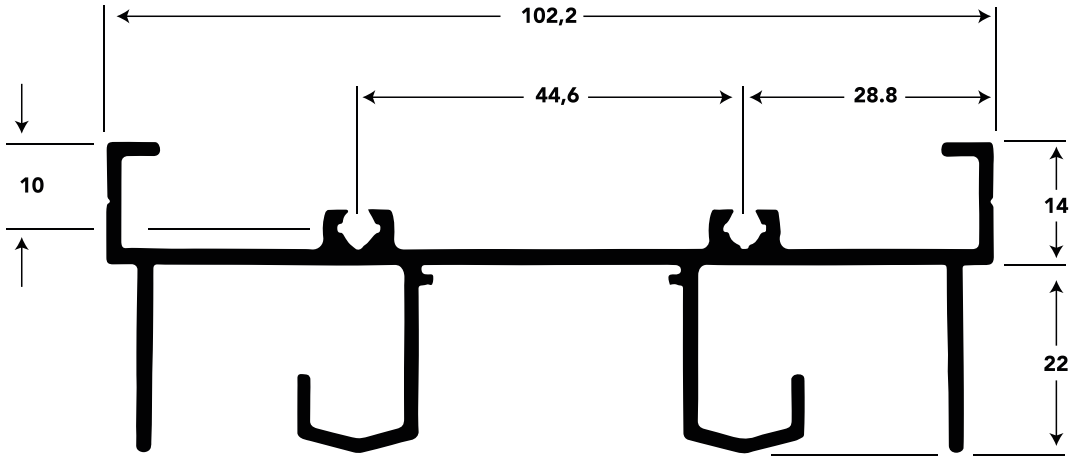


SU-291
0,263 Kg/m

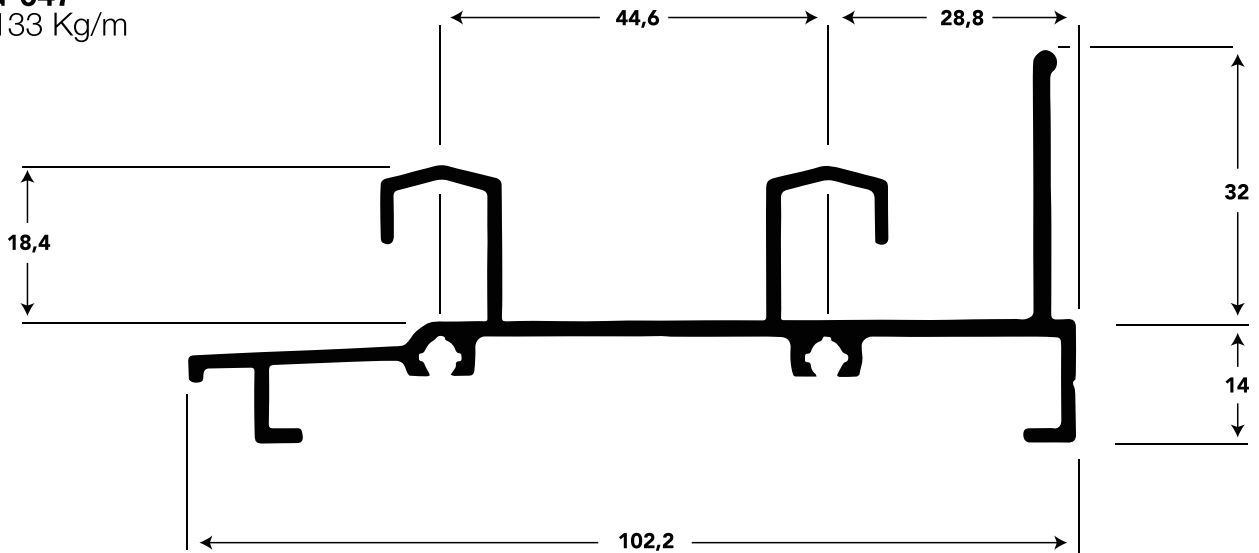
Complemento / marco lateral / correr



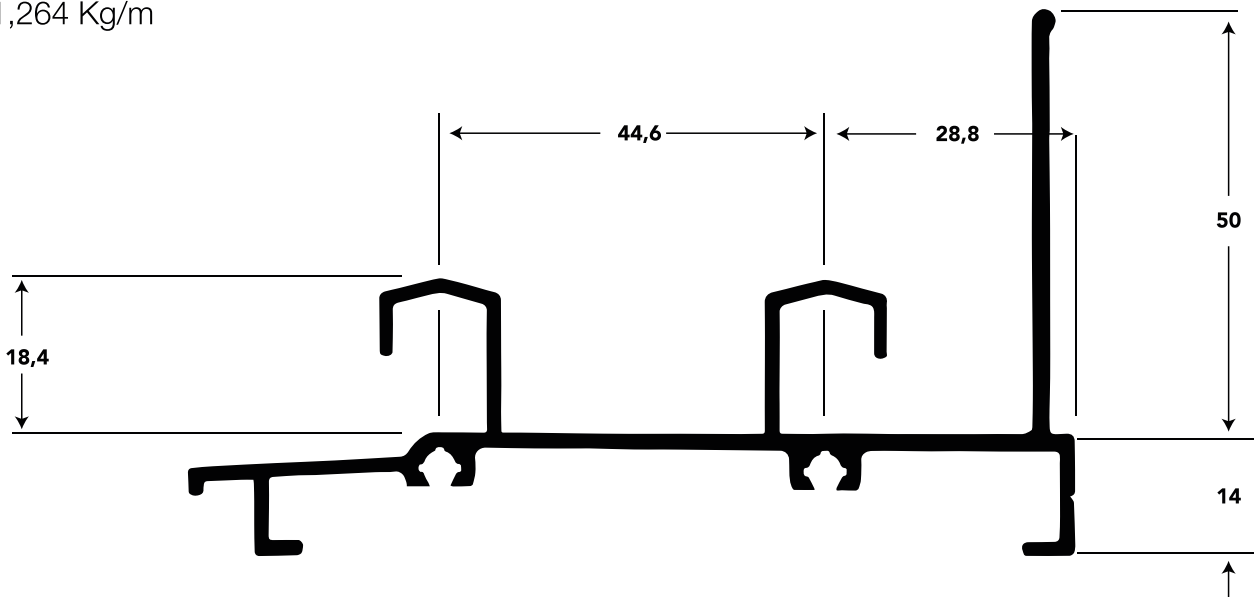
LG-044
1,247 Kg/m



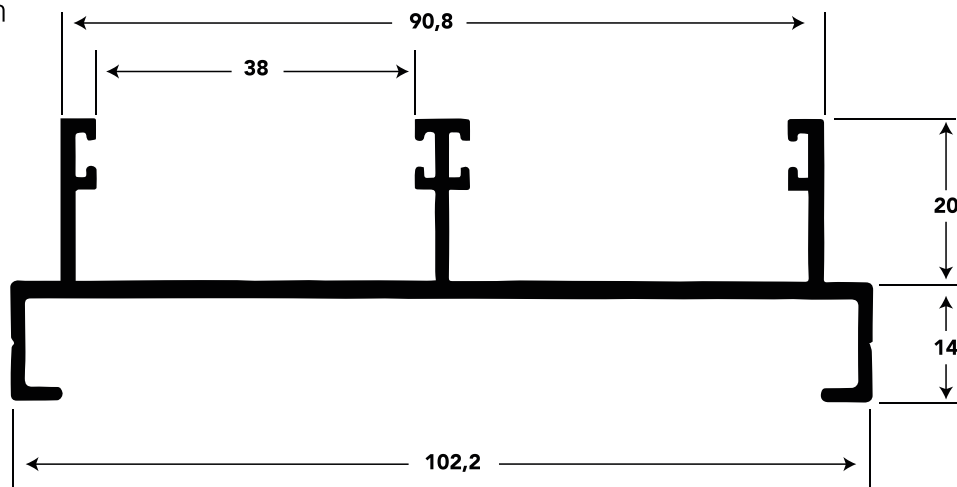
LG-047
1,133 Kg/m



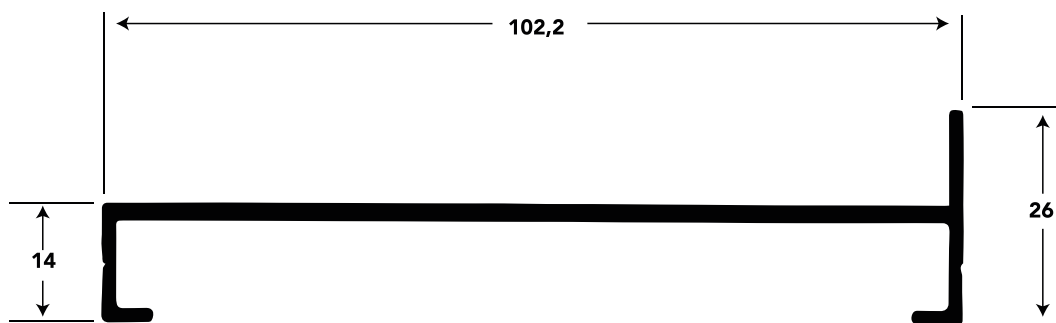
LG-024
1,264 Kg/m



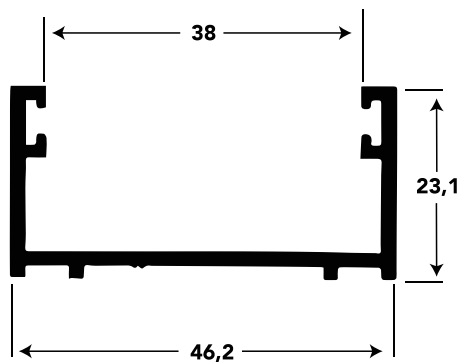
LG-045
0,957 Kg/m



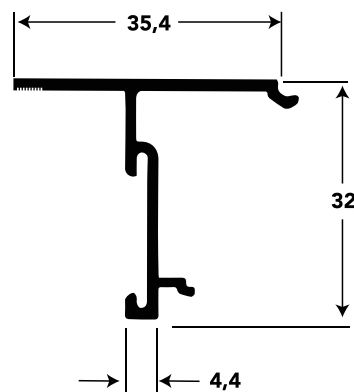
LG-002
0,639 Kg/m



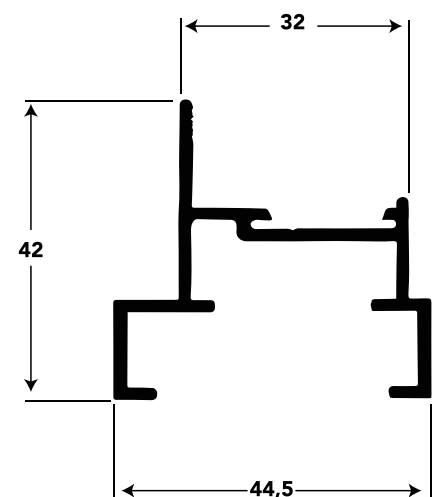
LG-028
0,455 Kg/m

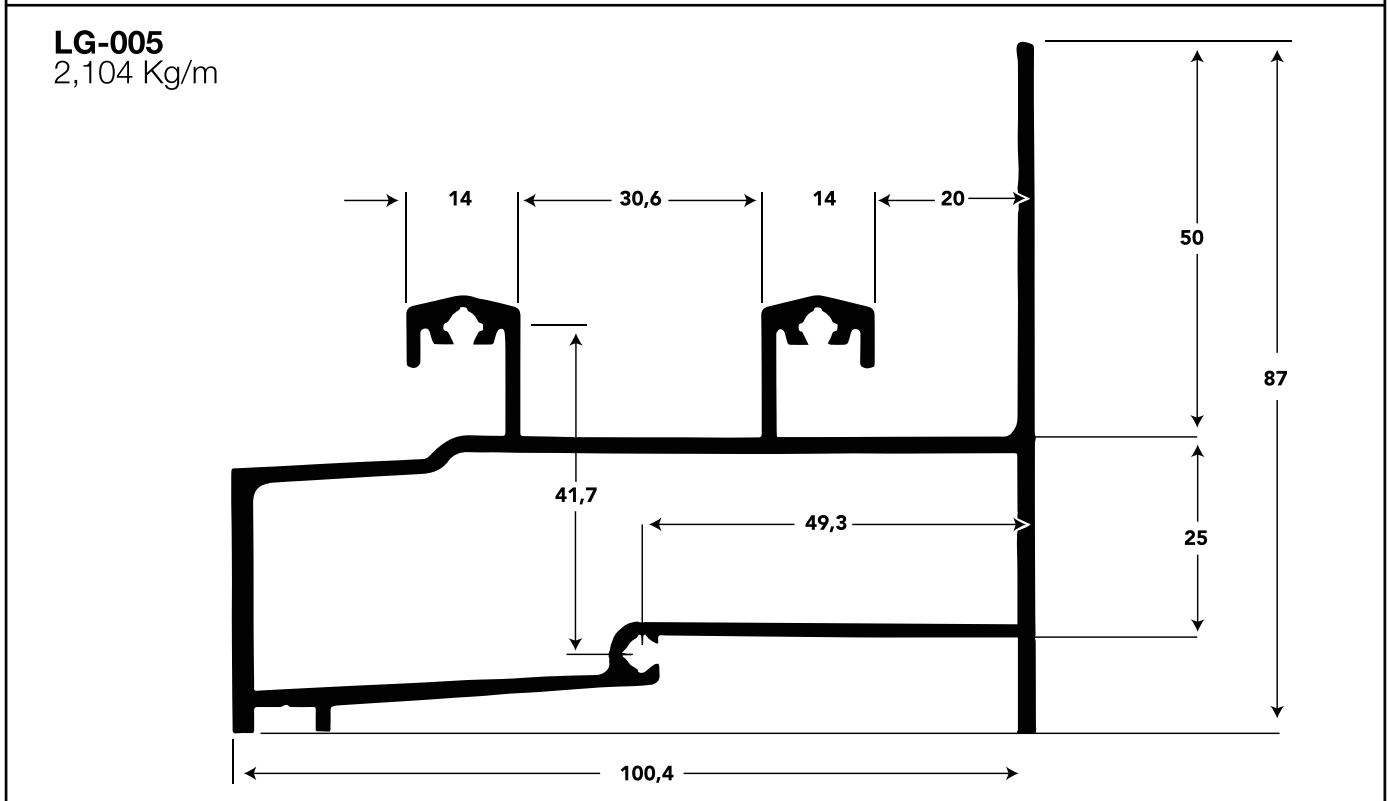
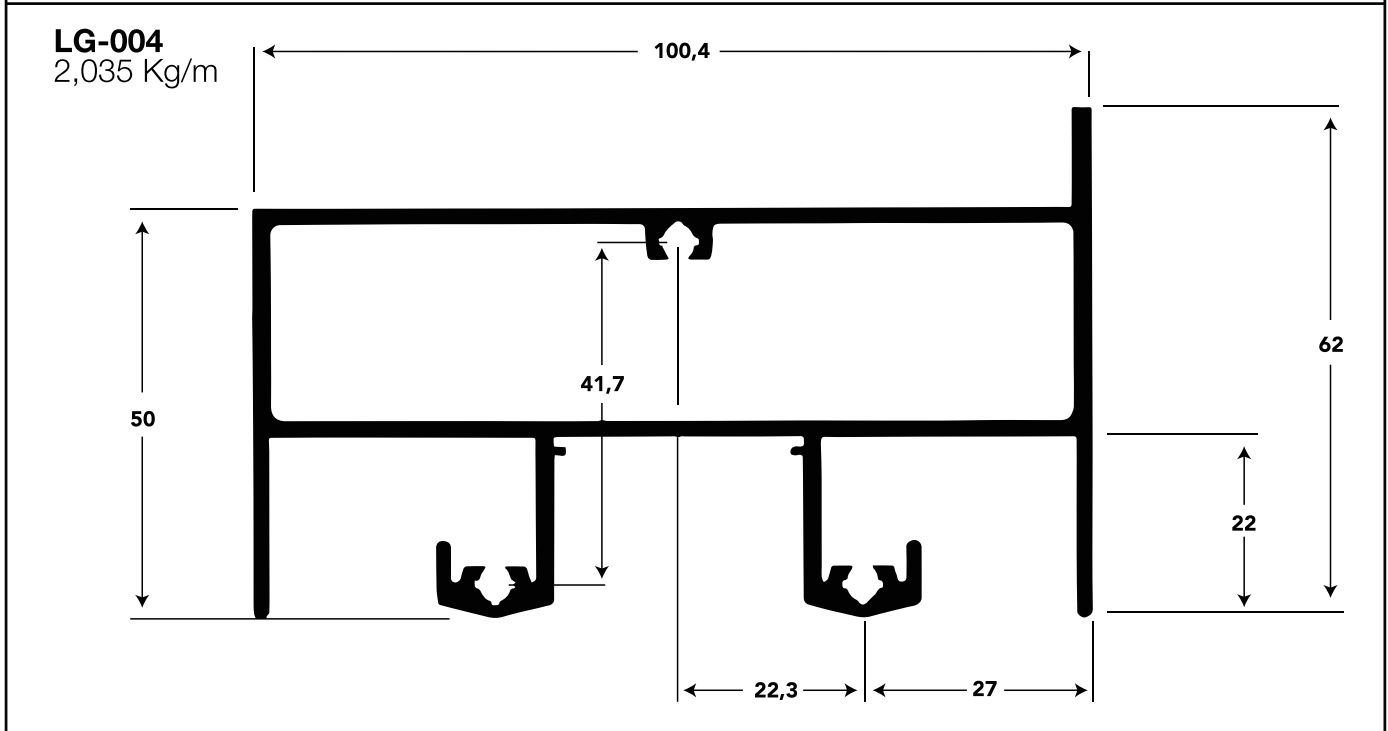
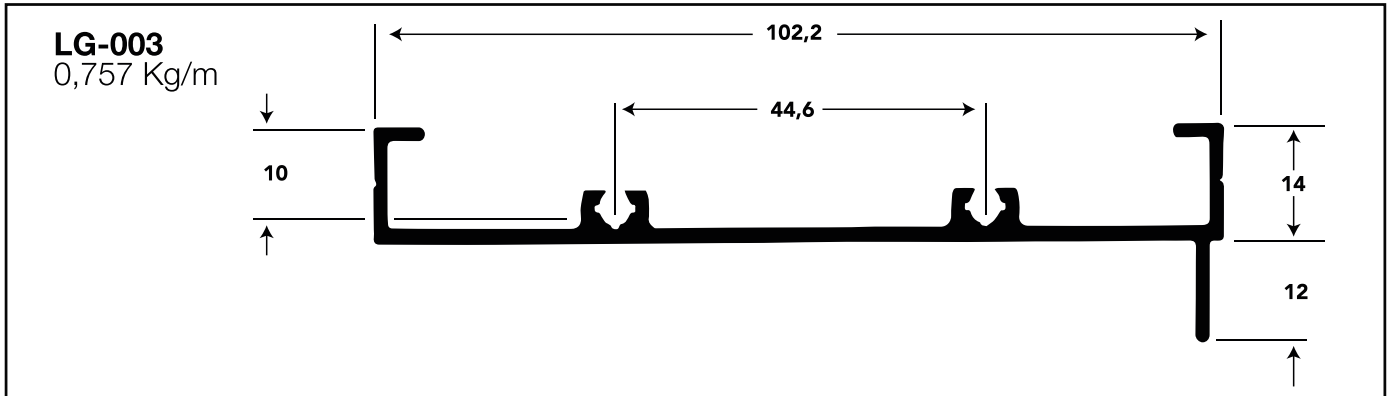


LG-077
0,245 Kg/m

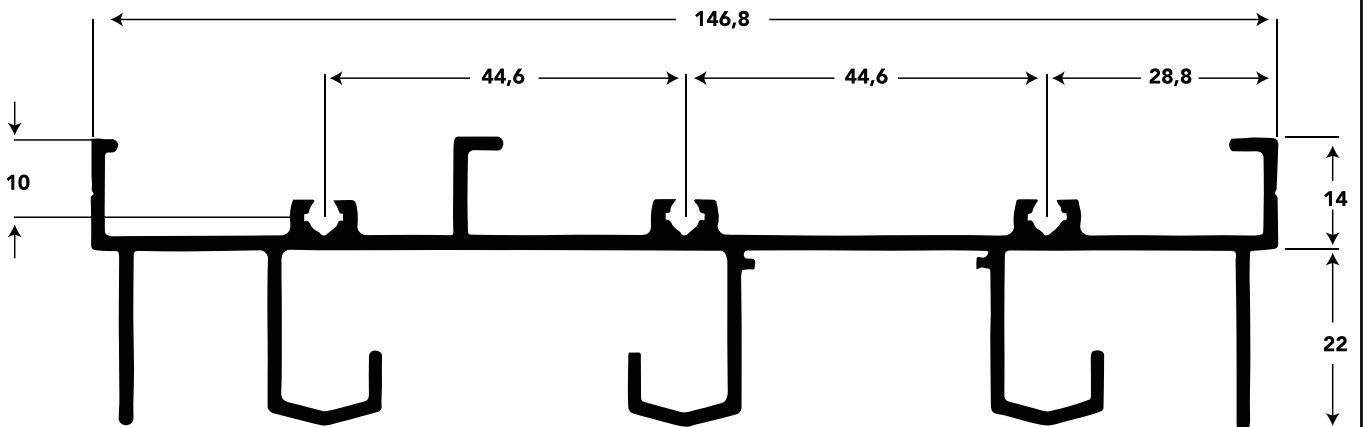


LG-063
0,545 Kg/m

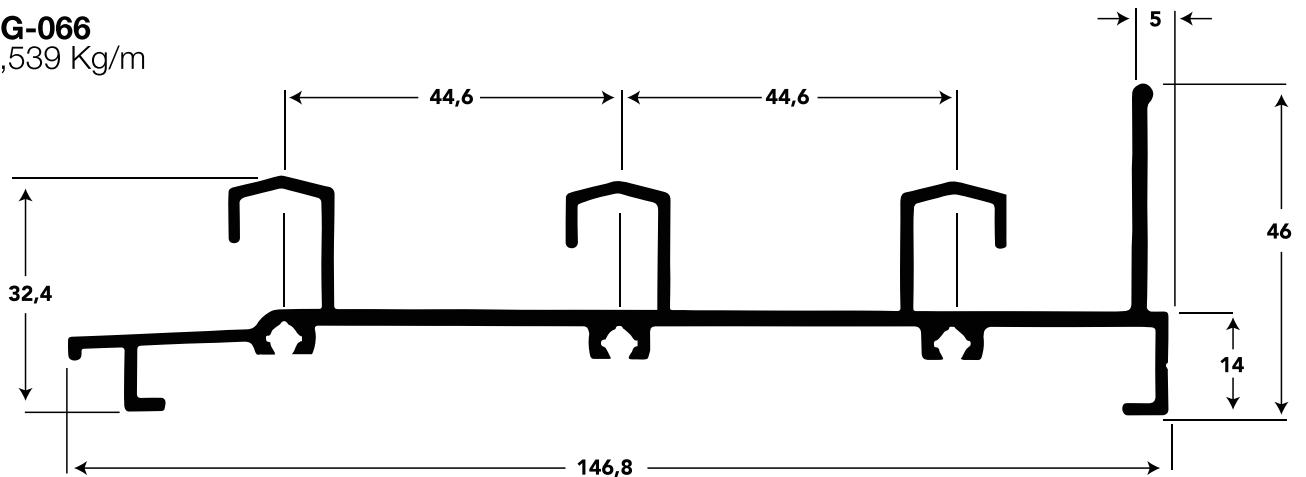




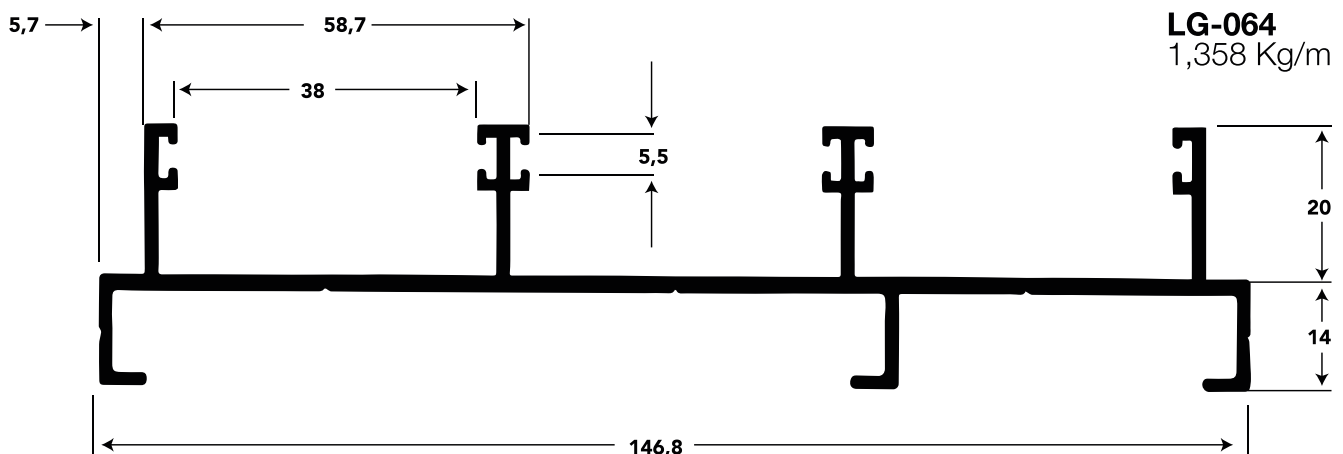
LG-062
1,728 Kg/m



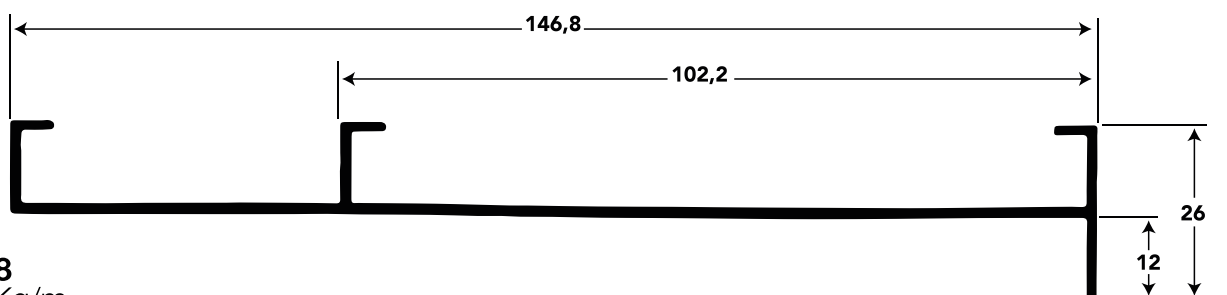
LG-066
1,539 Kg/m



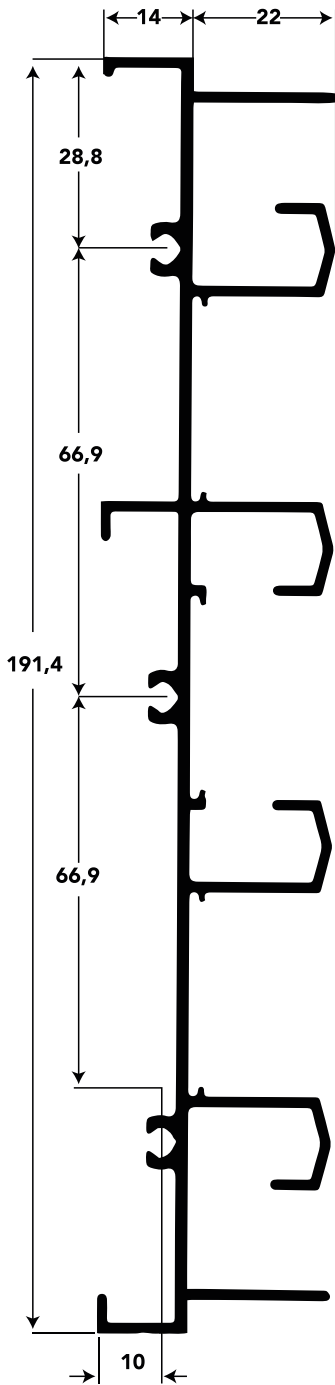
LG-064
1,358 Kg/m



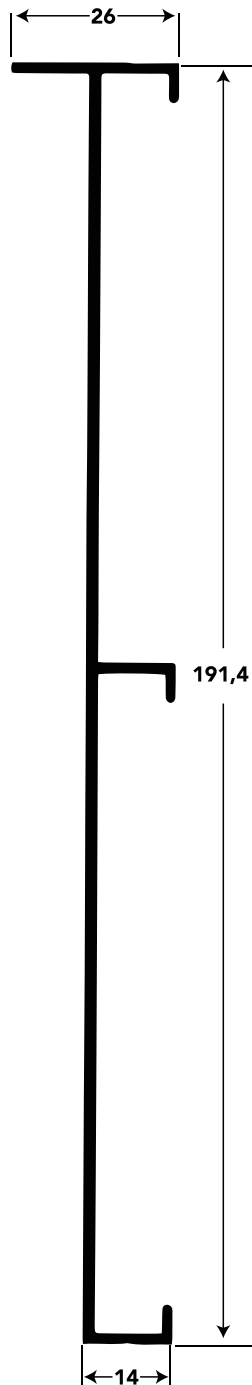
LG-158
0,876 Kg/m



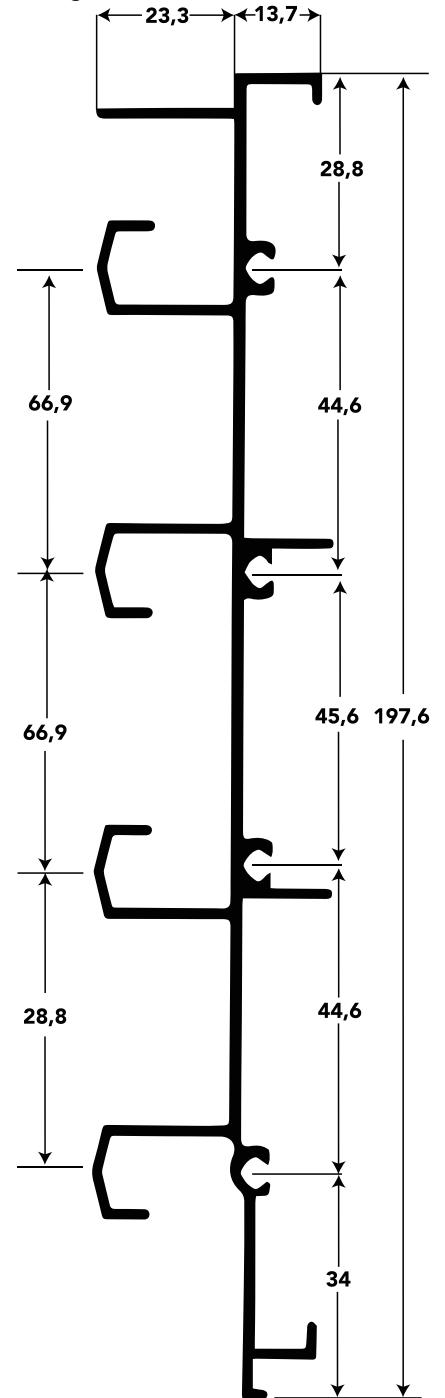
LG-070
2,273 Kg/m



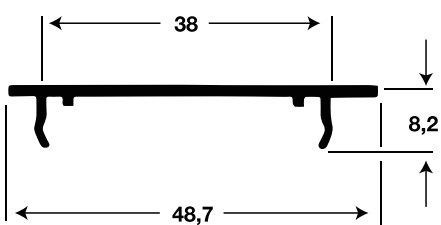
LG-072
1,250 Kg/m



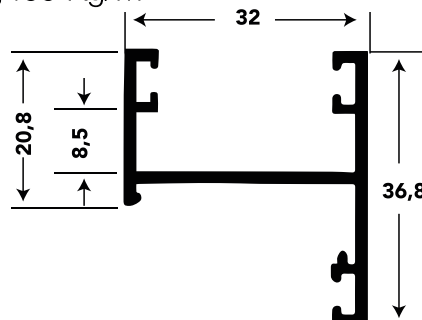
LG-071
1,962 Kg/m



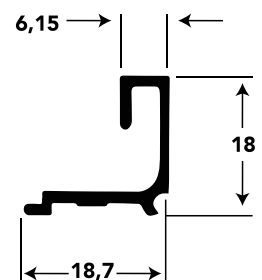
LG-046
0,206 Kg/m



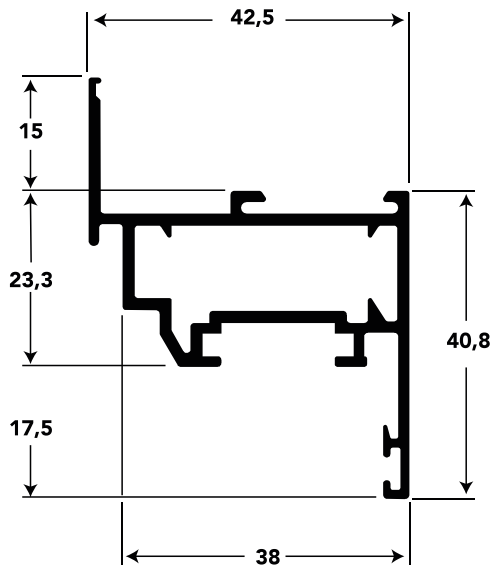
LG-068
0,405 Kg/m



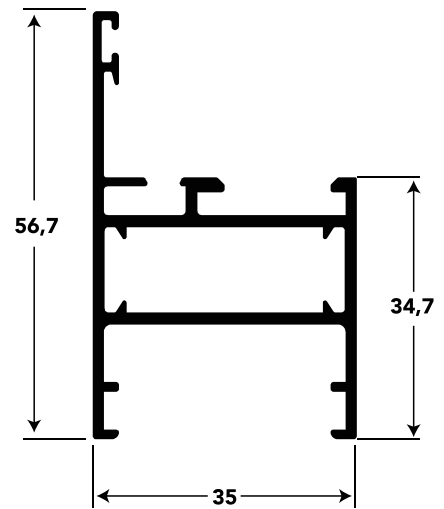
LG-027
0,149 Kg/m



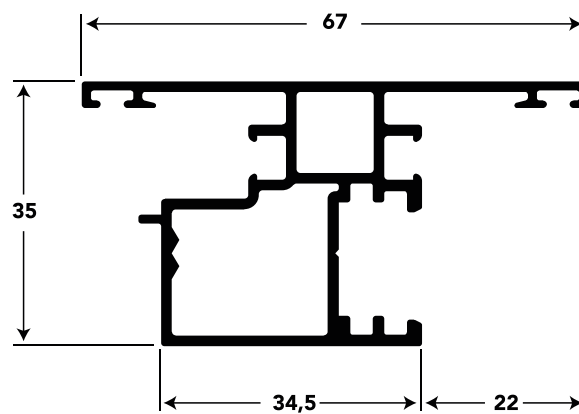
LG-099
0,792 Kg/m



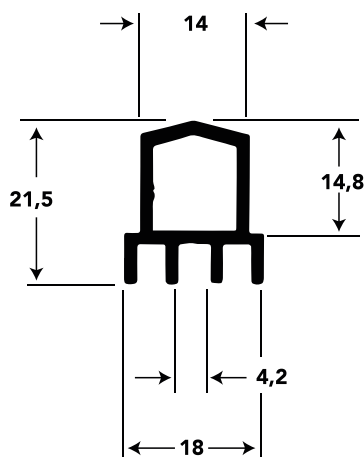
LG-103
0,788 Kg/m



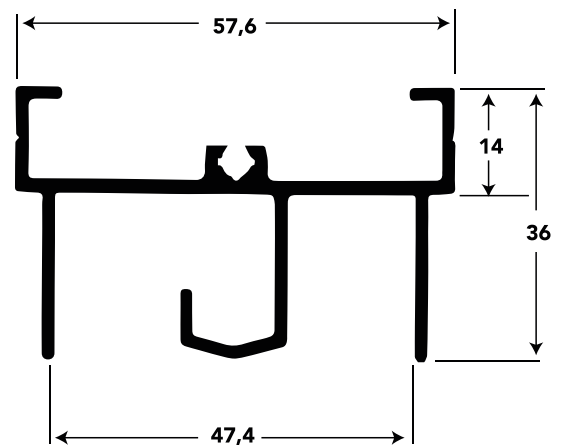
LG-165
0,927 Kg/m



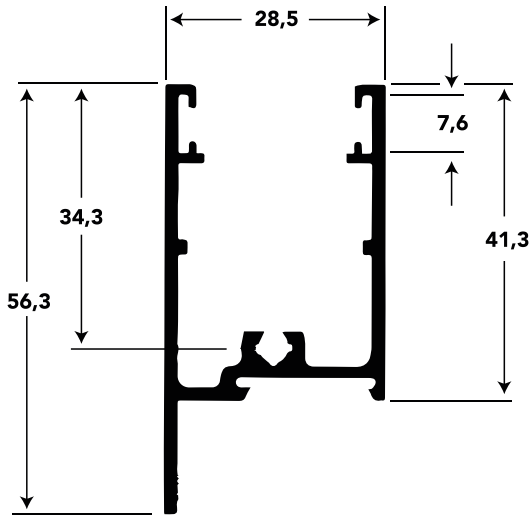
LG-061
0,320 Kg/m



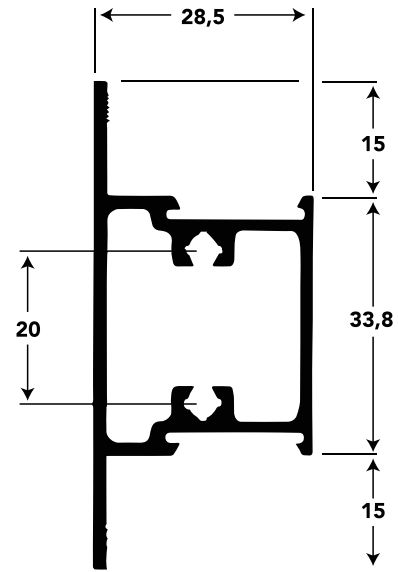
LG-065
0,821 Kg/m



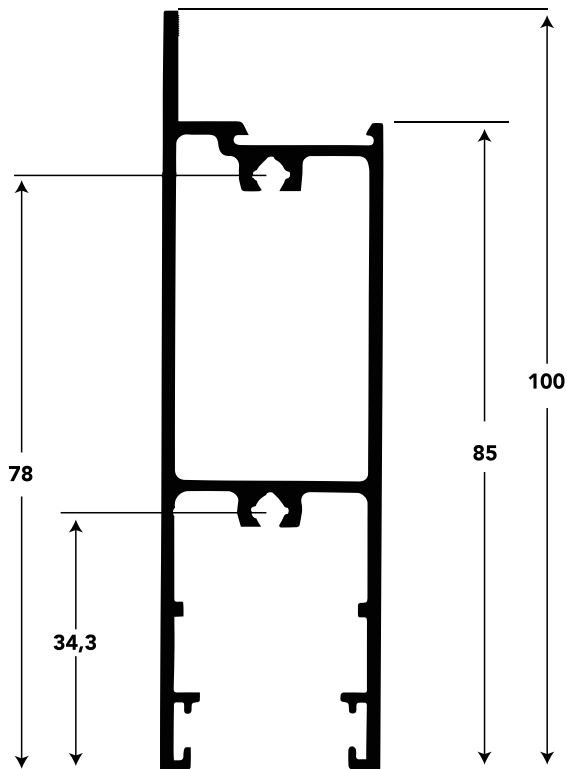
LG-006
0,677 Kg/m



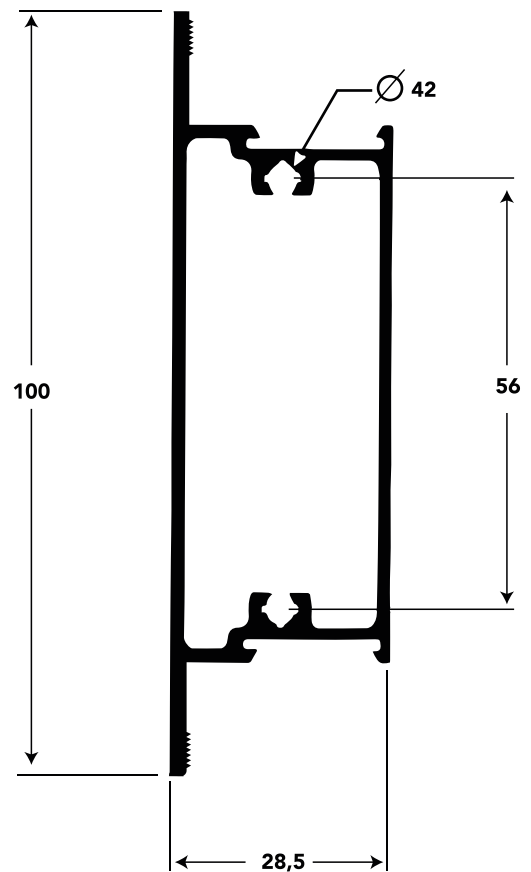
LG-055
0,759 Kg/m



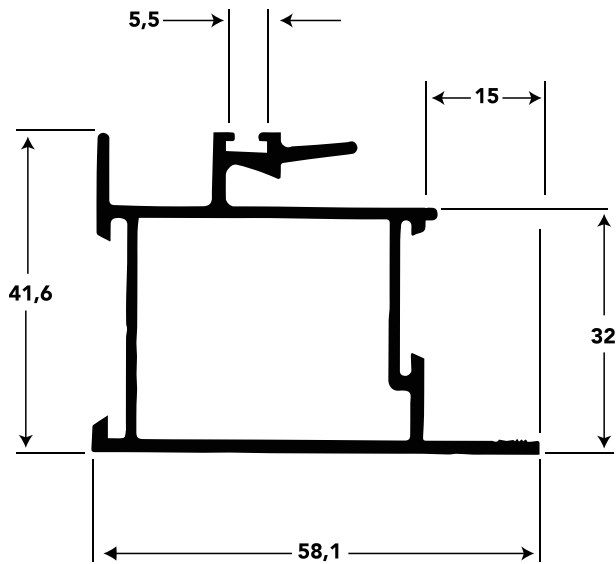
LG-007
1,229 Kg/m



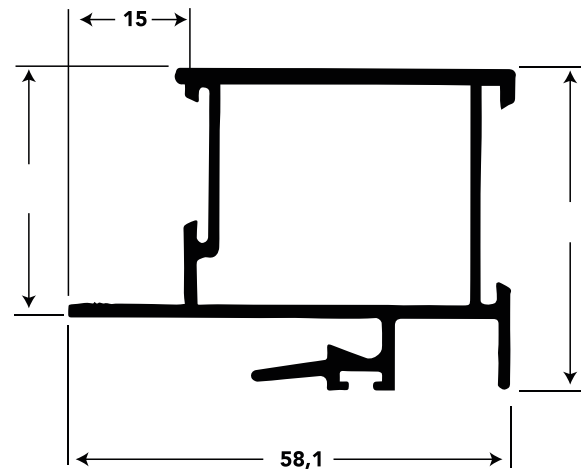
LG-022
1,064 Kg/m



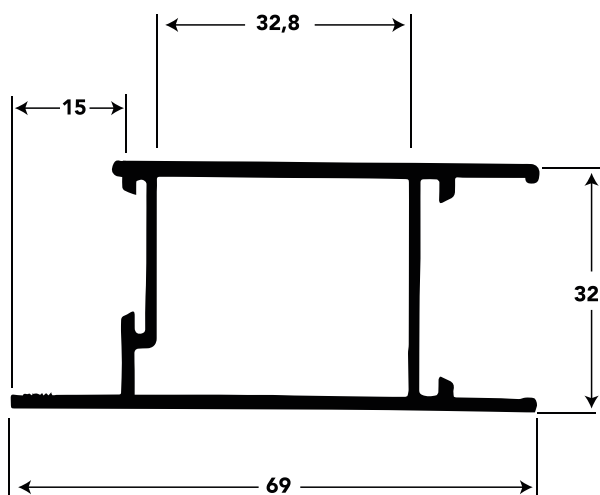
LG-049
0,905 Kg/m



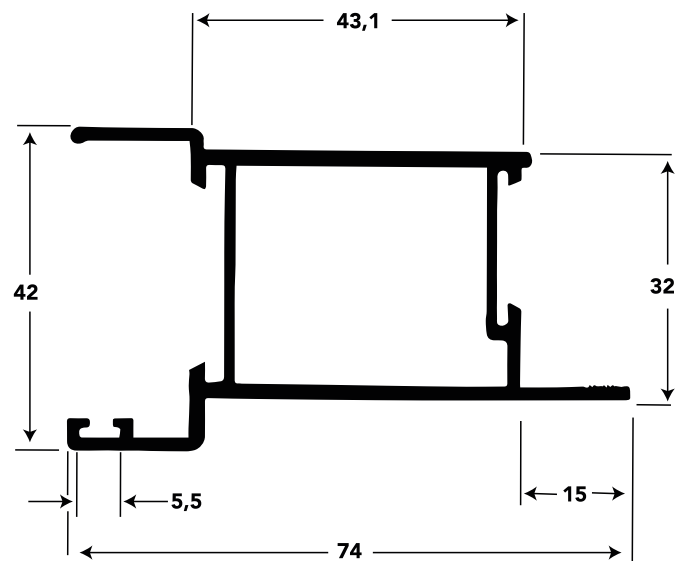
LG-048
0,967 Kg/m



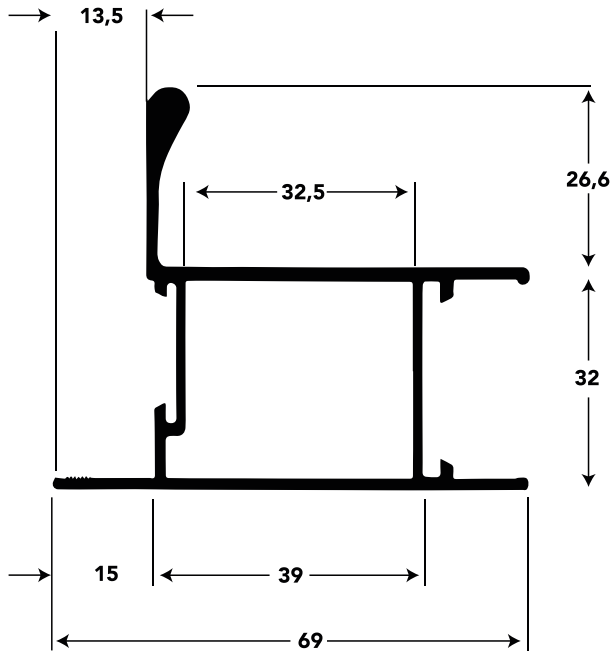
LG-050
0,816 Kg/m



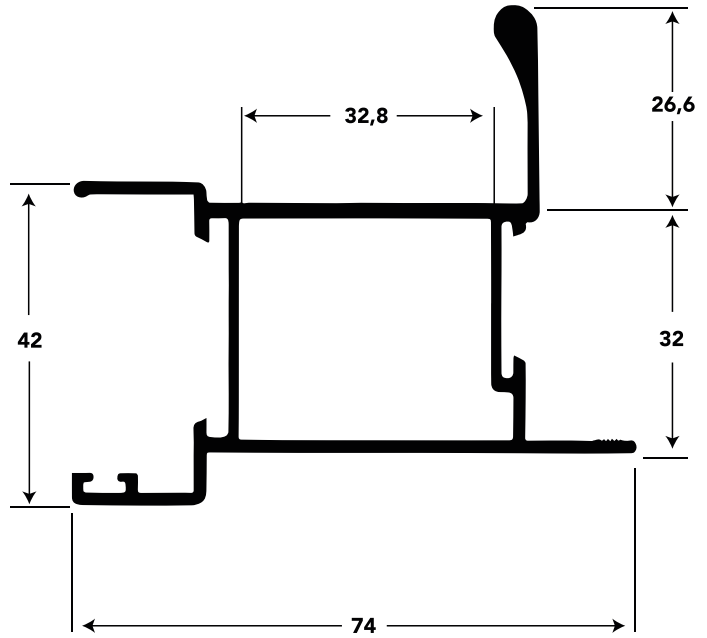
LG-051
0,916 Kg/m



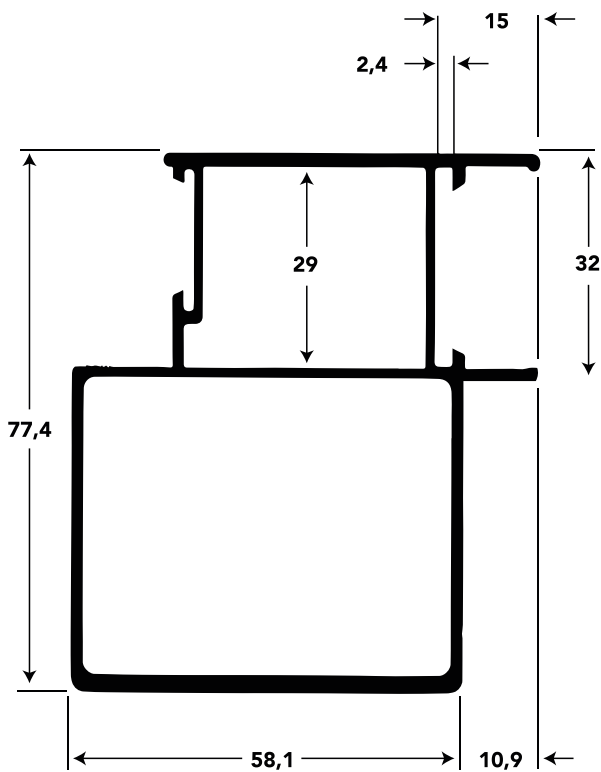
LG-017
1,010 Kg/m



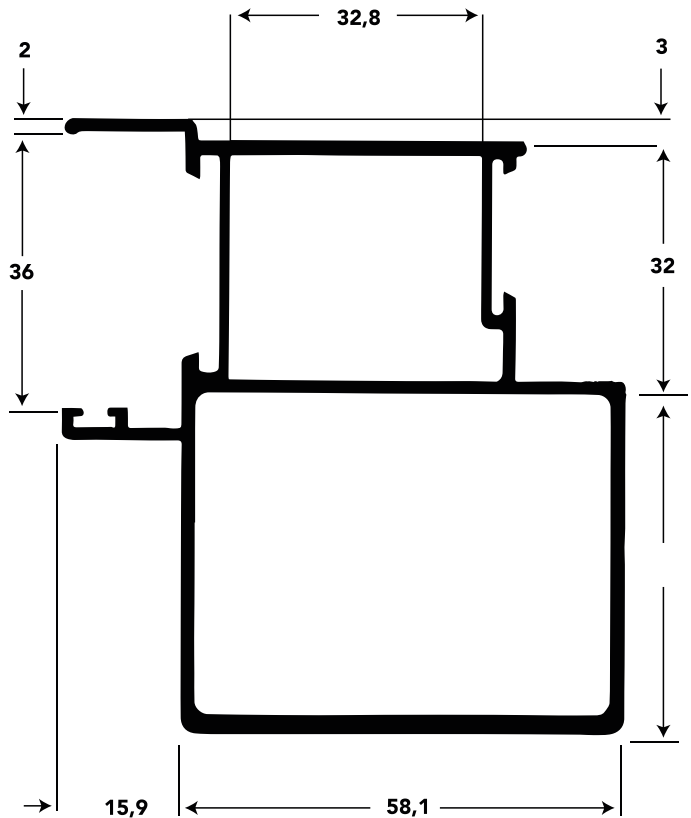
LG-020
1,116 Kg/m



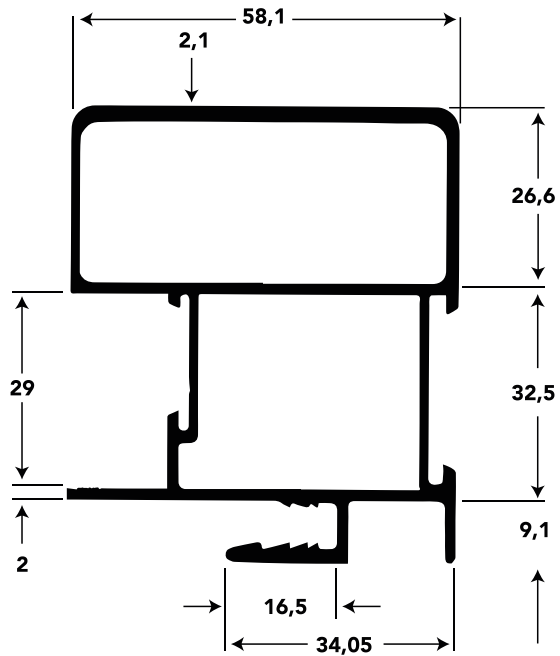
LG-054
1,575 Kg/m



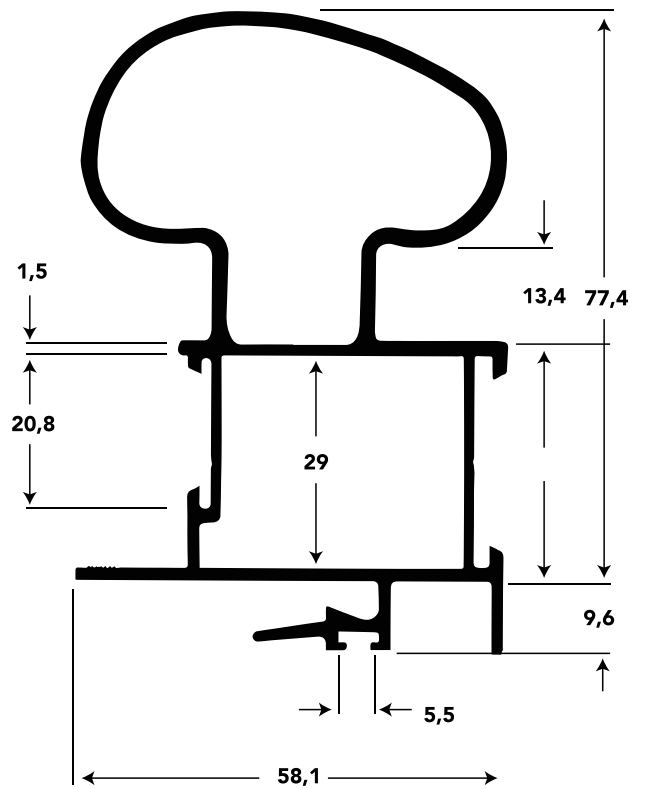
LG-053
1,650 Kg/m



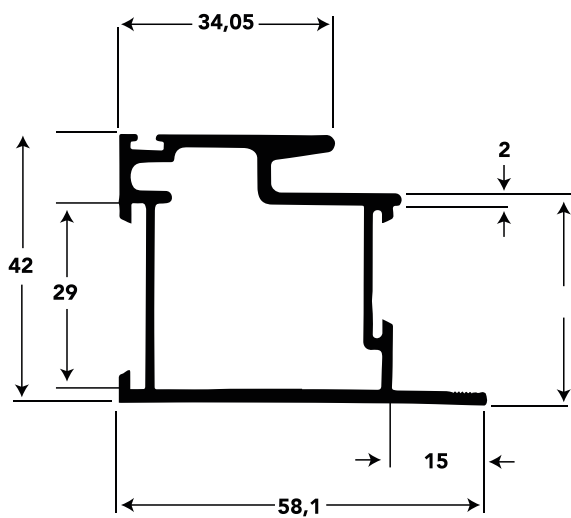
LG-018
1,572 Kg/m



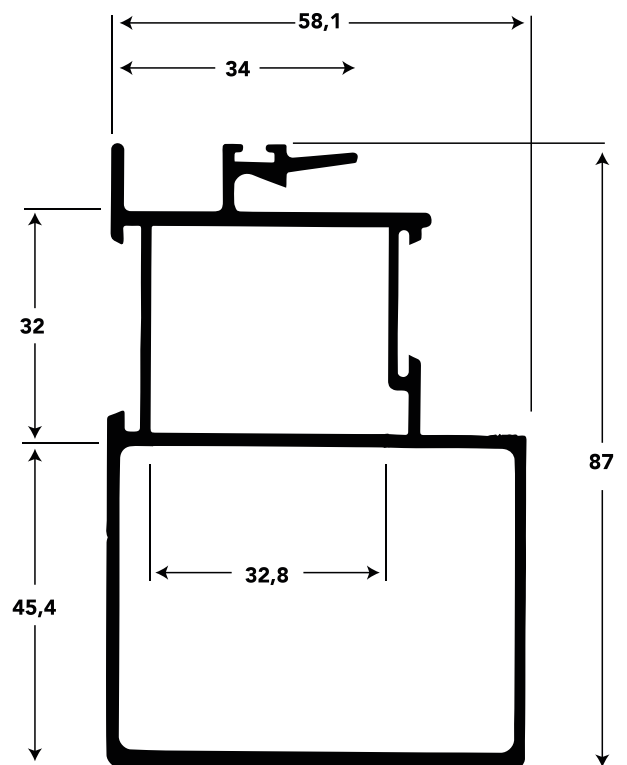
LG-021
1,733 Kg/m



LG-019
1,080 Kg/m

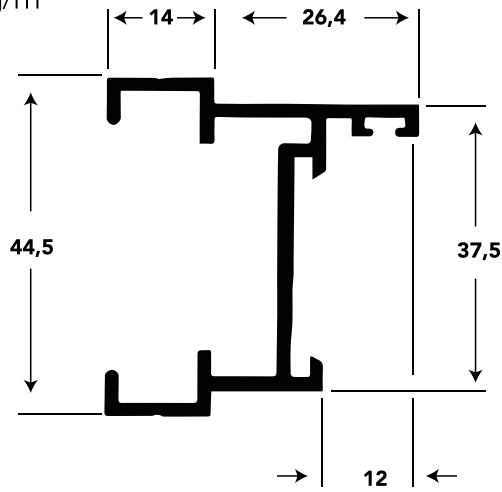


LG-052
1,669 Kg/m



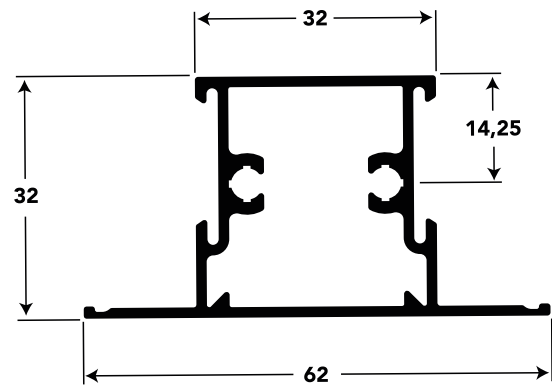
LG-056

0,664 Kg/m



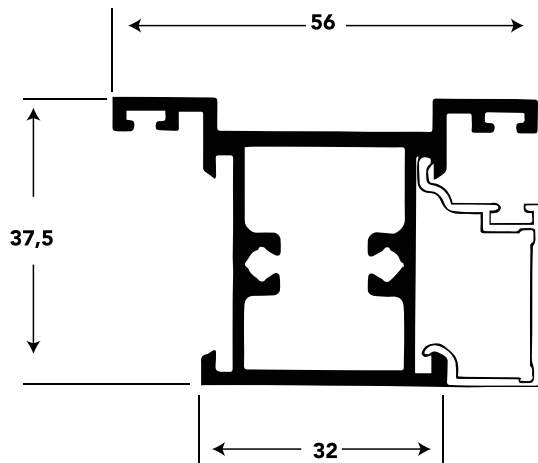
LG-079

0,770 Kg/m



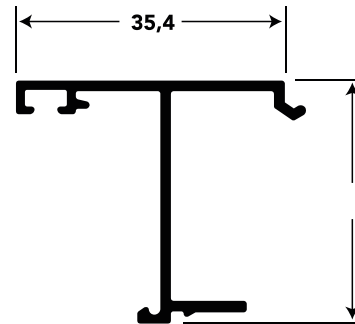
LG-057

0,664 Kg/m



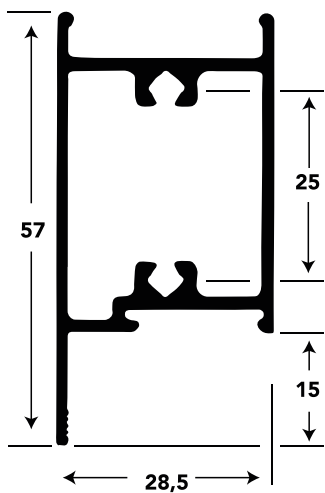
LG-082

0,356 Kg/m



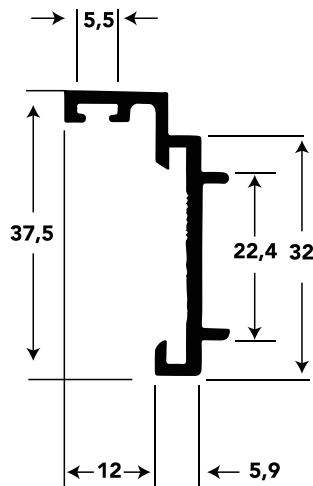
LG-058

0,759 Kg/m



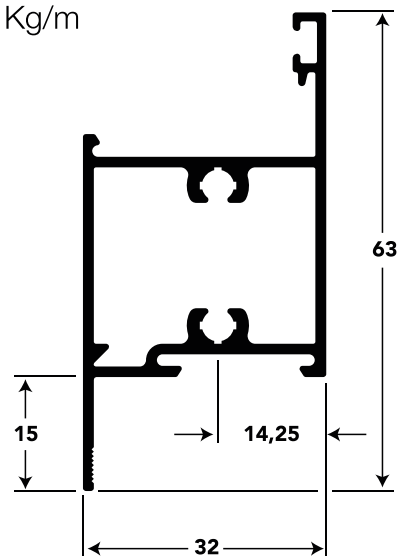
LG-016

0,338 Kg/m



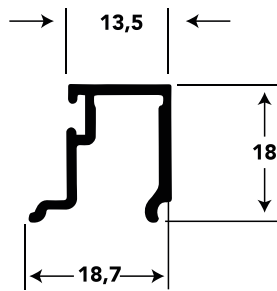
LG-076

0,765 Kg/m



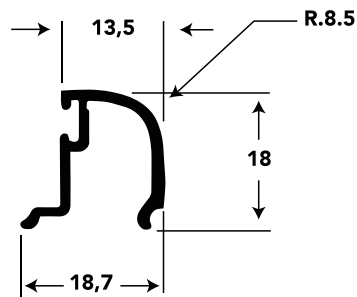
BG-057

0,170 Kg/m



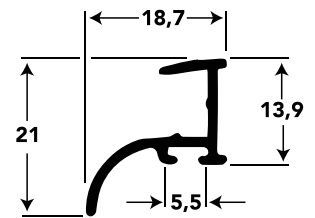
LG-026

0,158 Kg/m



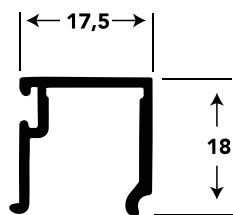
LG-092

0,158 Kg/m



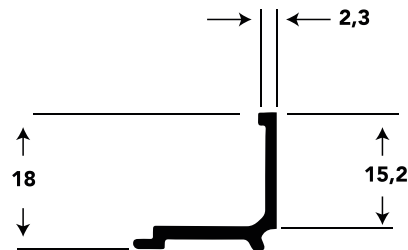
LG-059

0,169 Kg/m



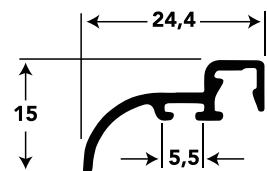
LG-015

0,147 Kg/m



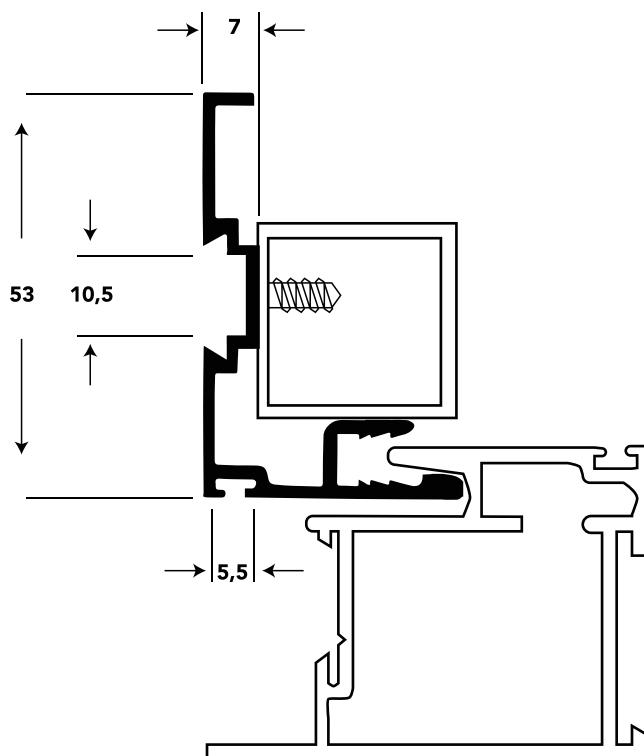
LG-091

0,147 Kg/m



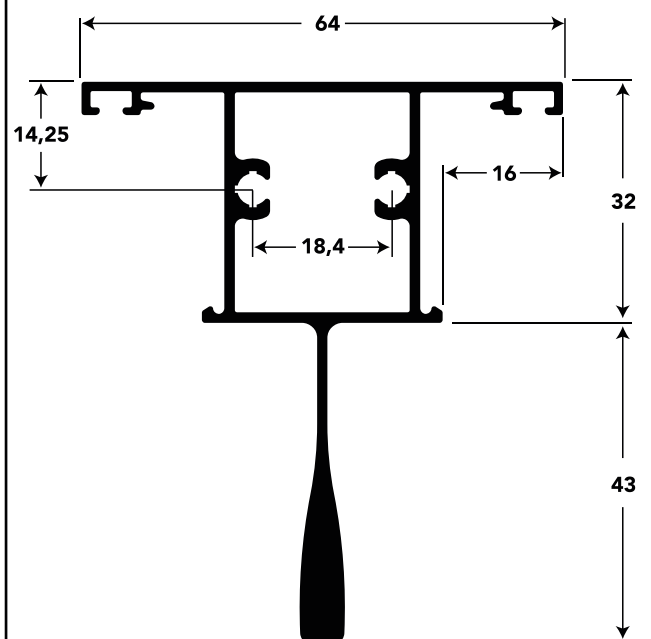
LG-023

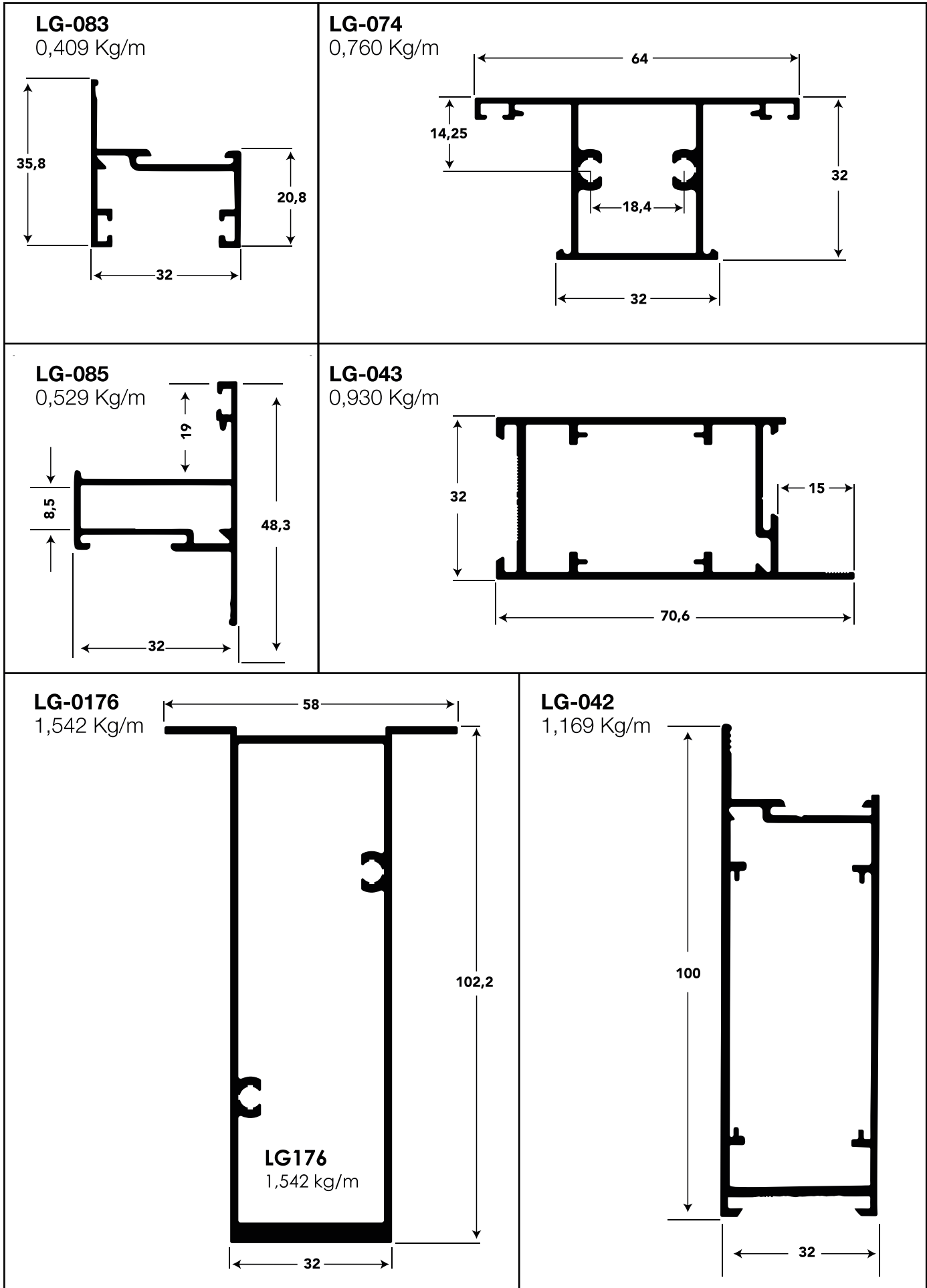
0,551 Kg/m

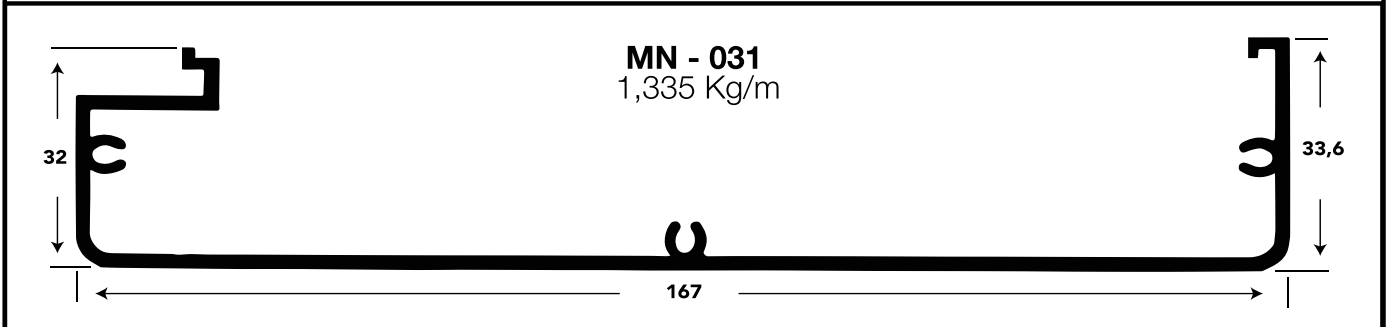
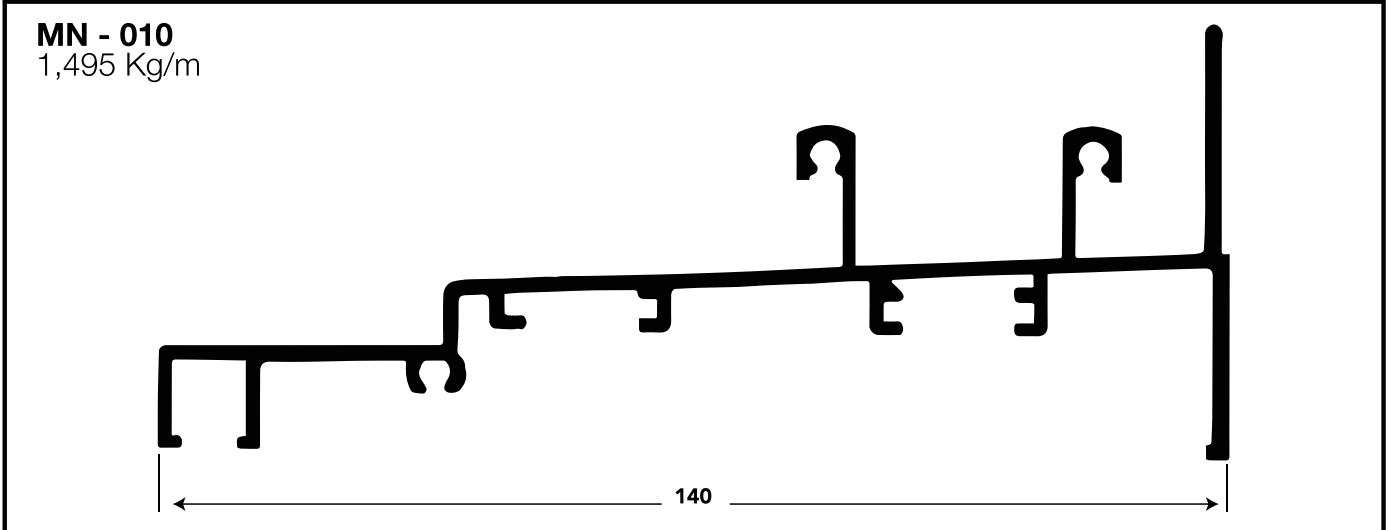
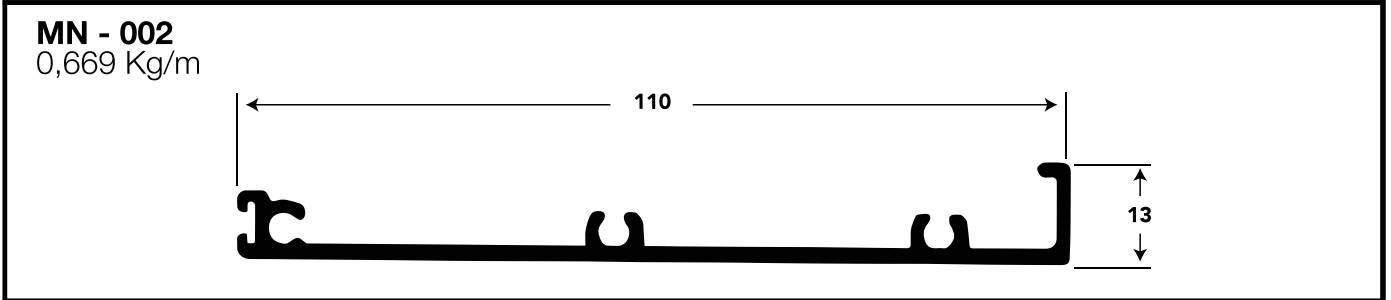
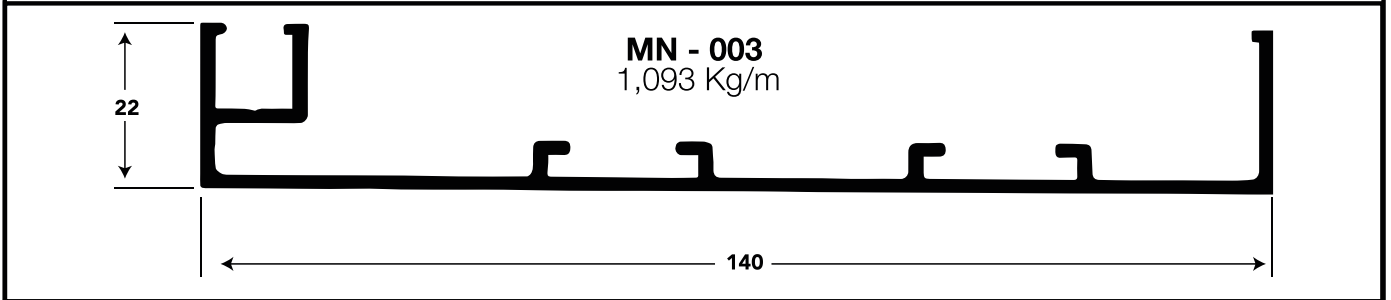
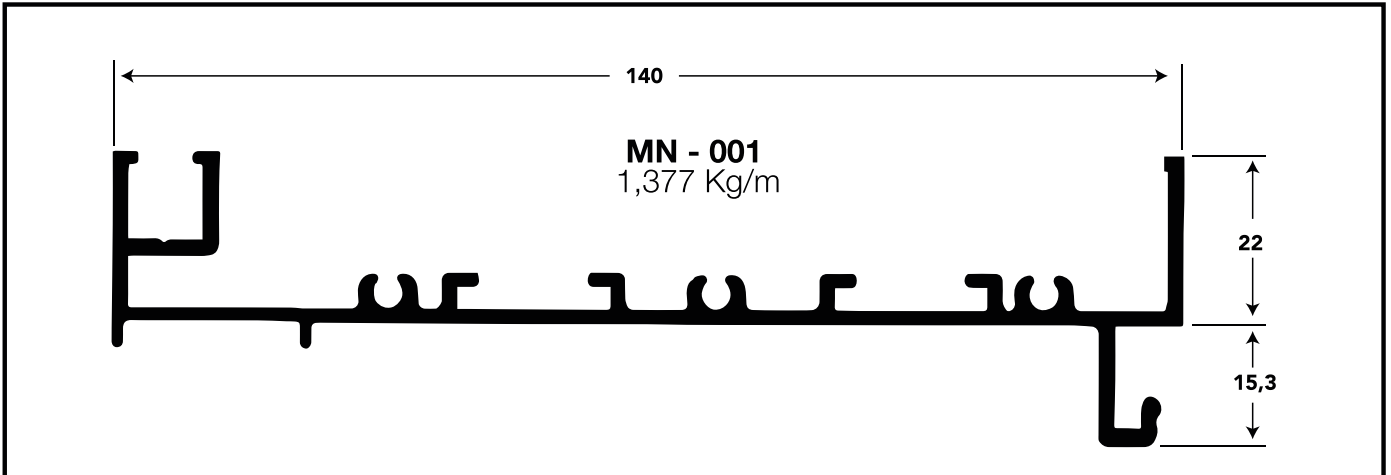


LG-075

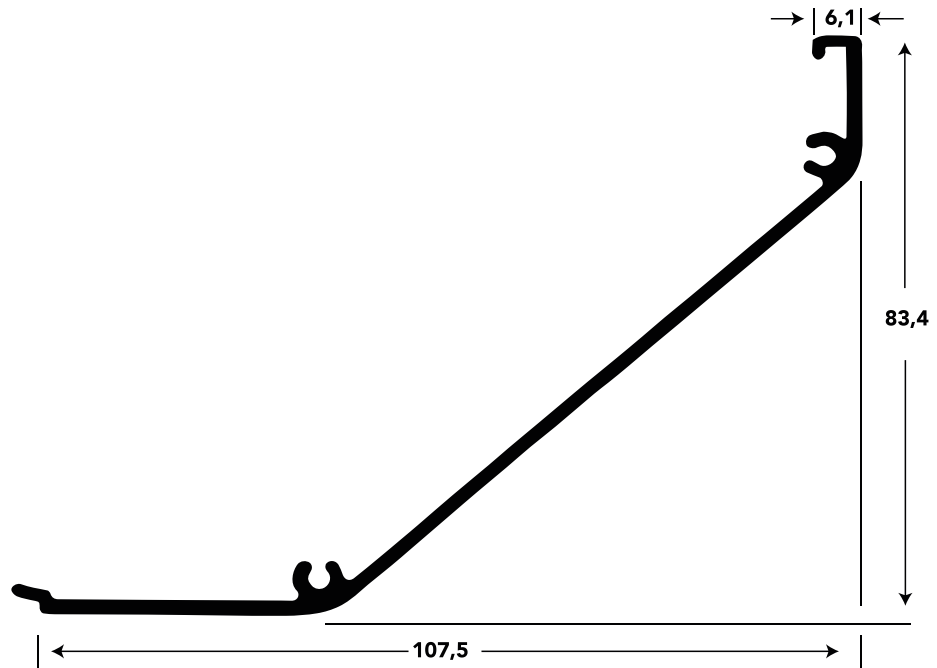
1,153 Kg/m



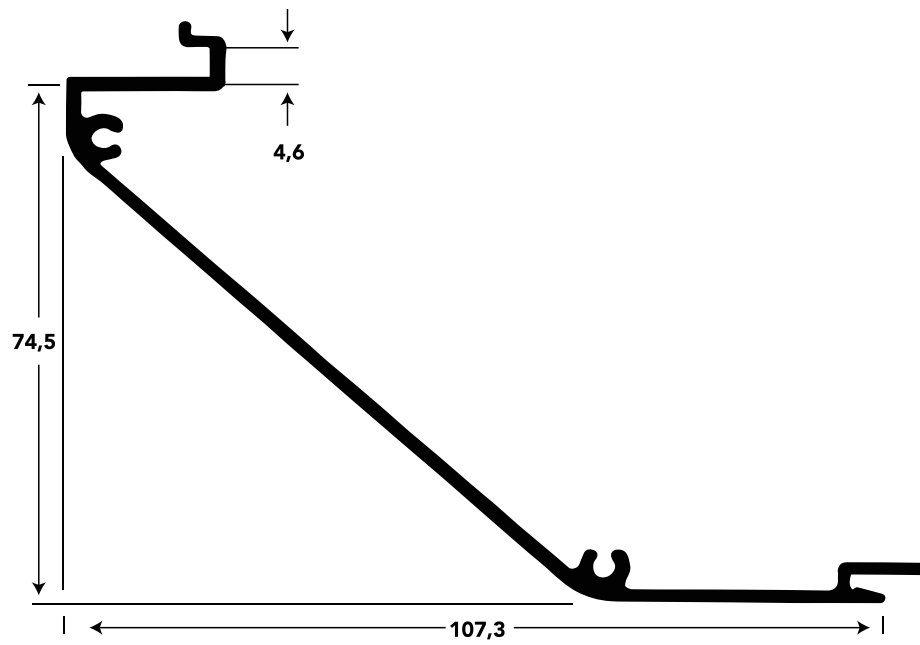




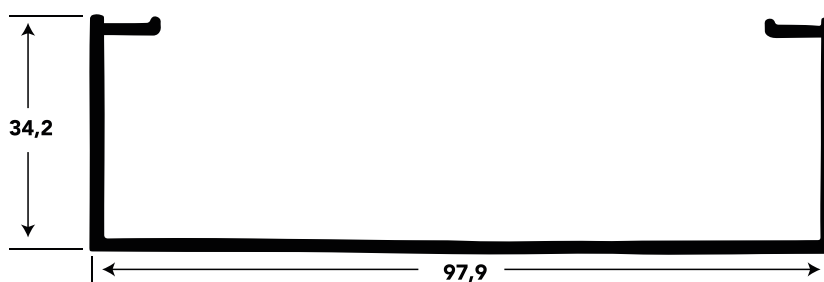
MN - 005
0,783 Kg/m

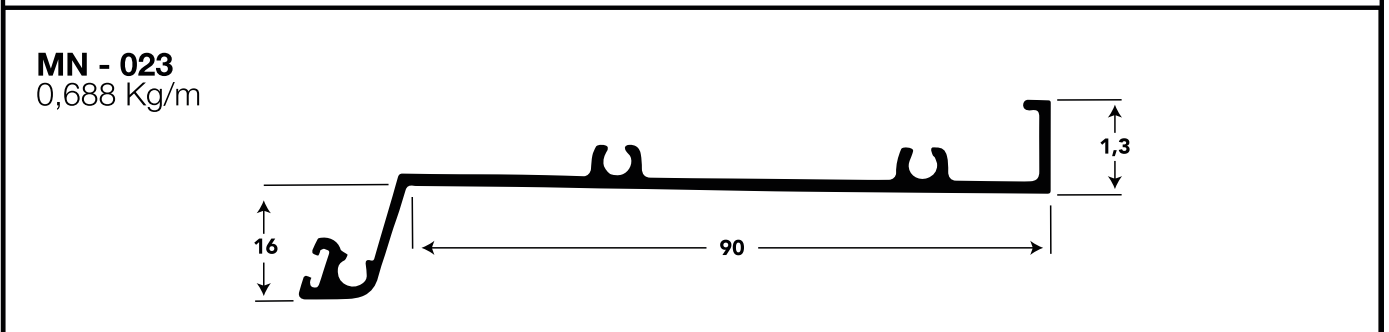
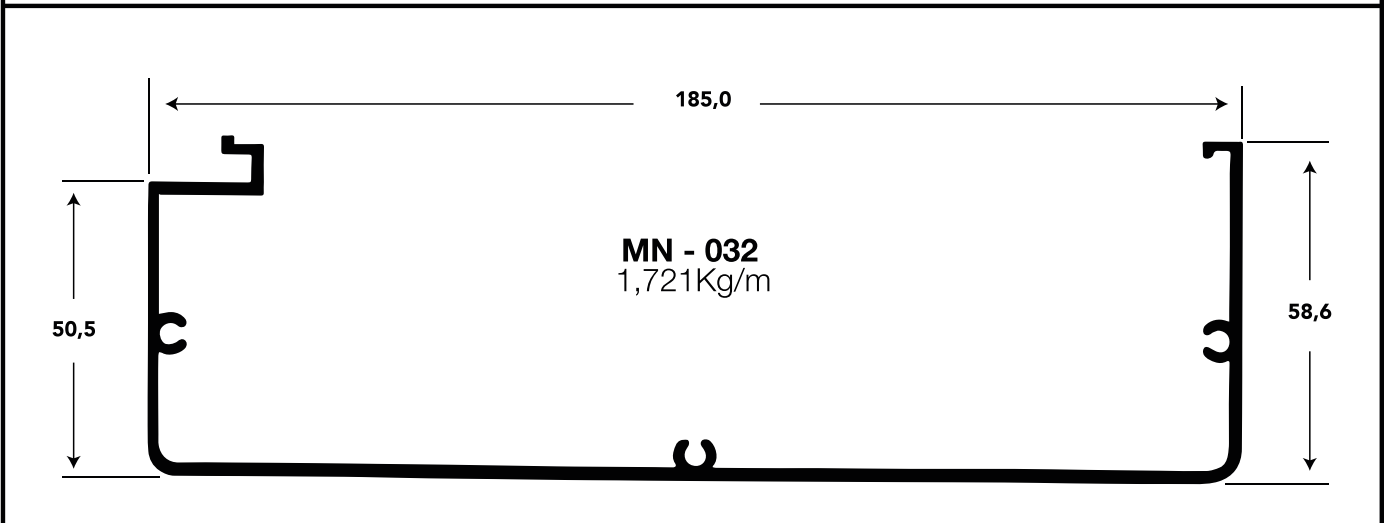
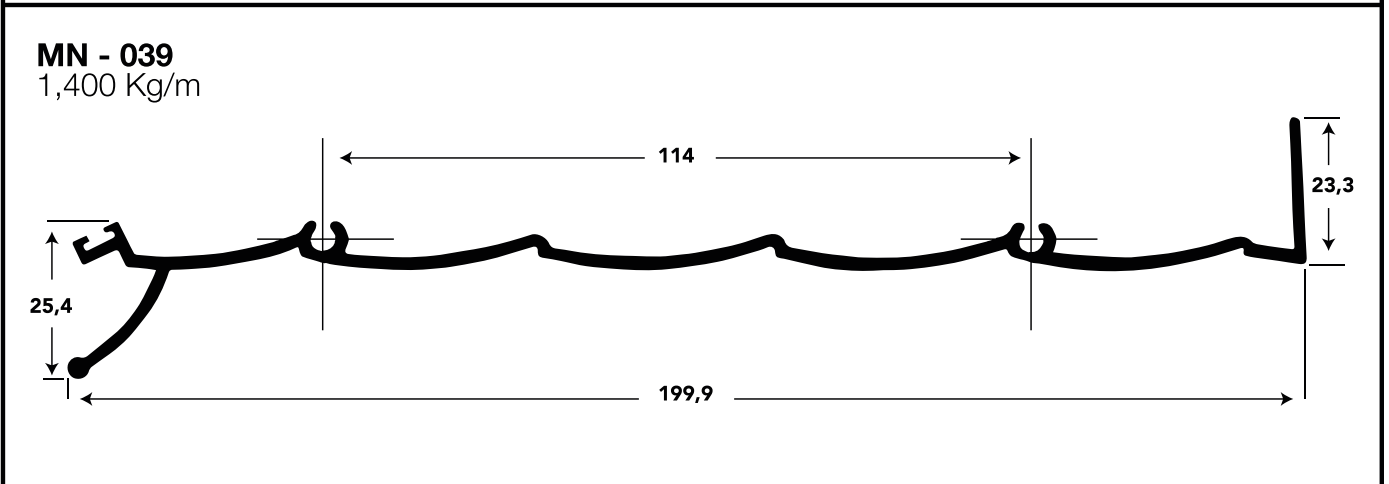
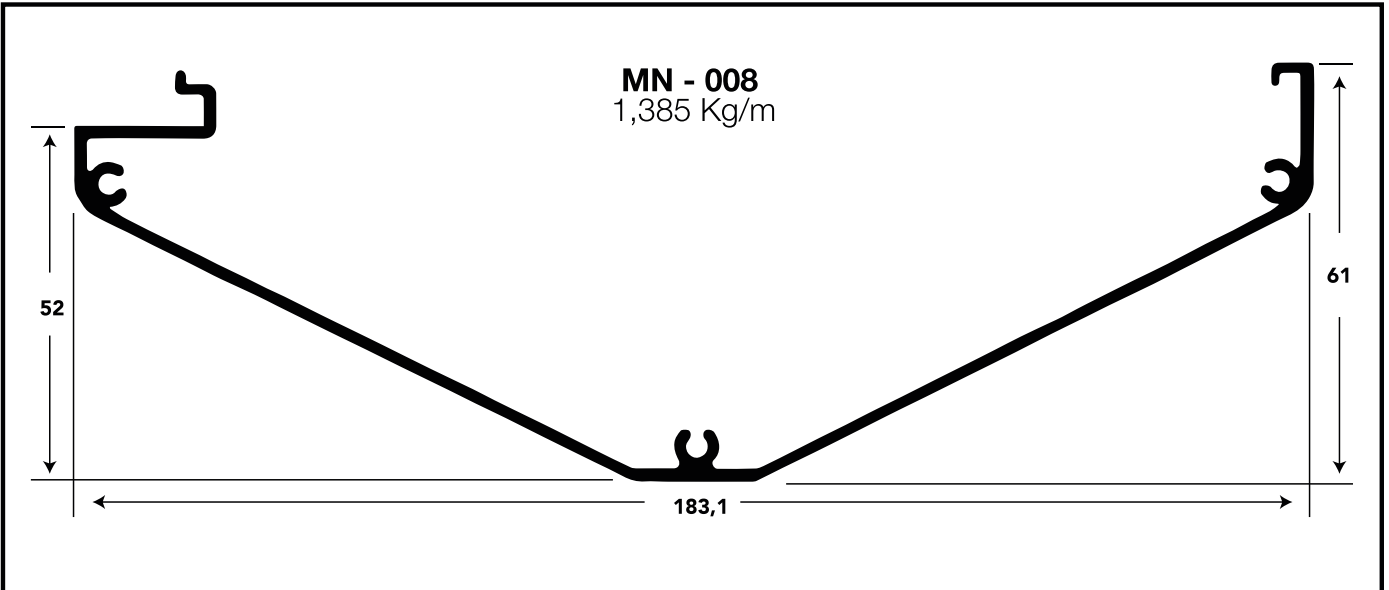


MN - 006
0,878 Kg/m

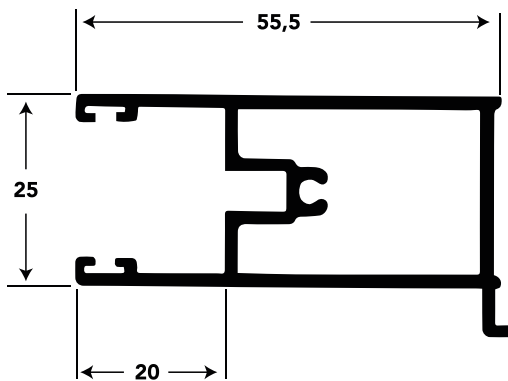


MN - 050
0,738 Kg/m





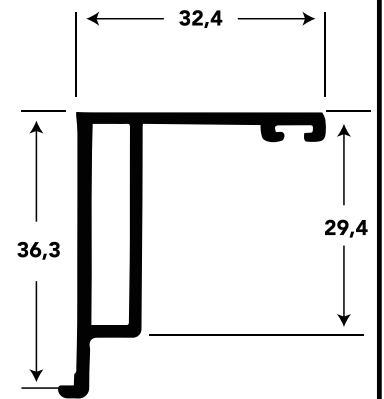
MN - 007
0,710 Kg/m



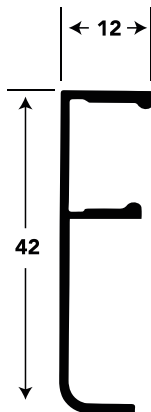
MN - 055
0,368 Kg/m



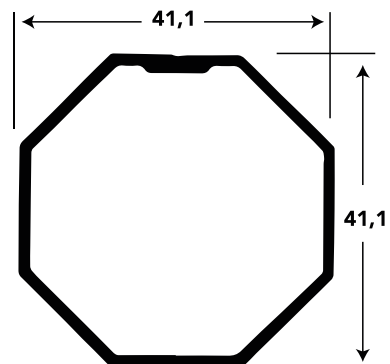
MN - 019
0,390 Kg/m



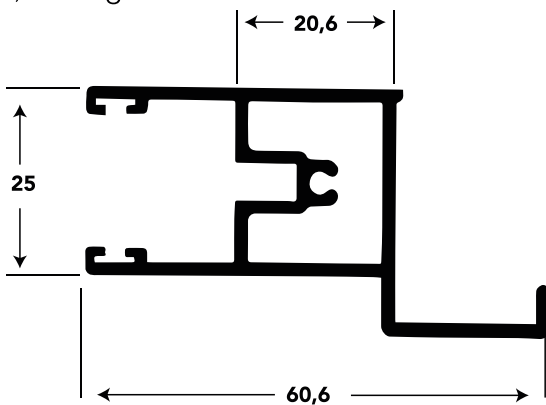
MN - 014
0,214 Kg/m



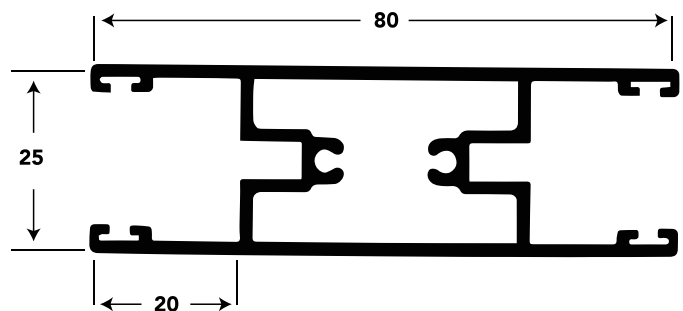
DS - 0238
0,489 Kg/m



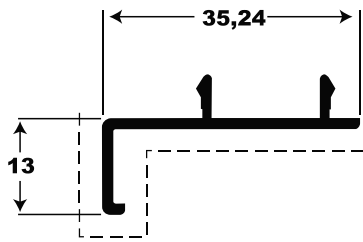
MN - 018
0,710 Kg/m



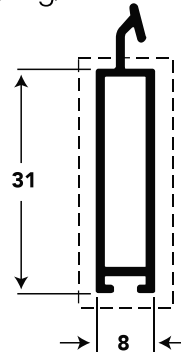
MN - 027
1,043 Kg/m



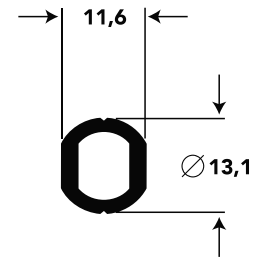
MN - 022 RECOBRIMENTO INFERIOR
0,197 Kg/m



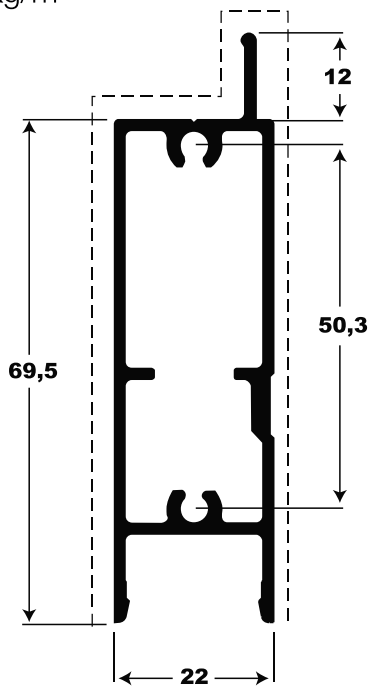
VZ - 054 TERMINAL DA
PERSIANA
0,239 Kg/m



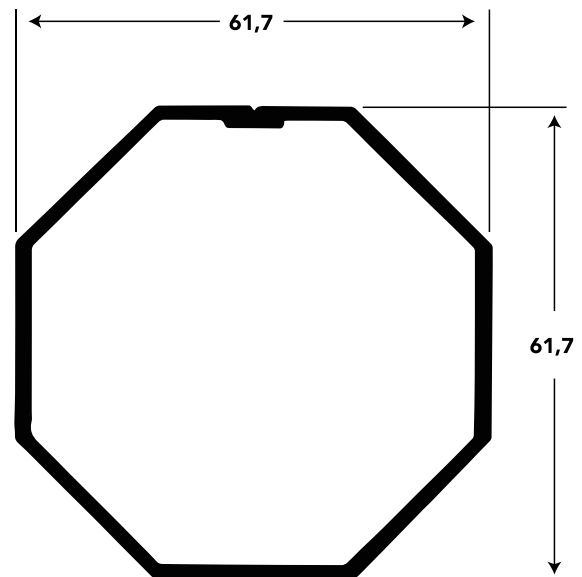
MN - 034 TUBO DE
COMANDO
DO BRAÇO
0,185 Kg/m



MN - 038 HORIZONTAL FOLHA
PROJETANTE
0,884 Kg/m

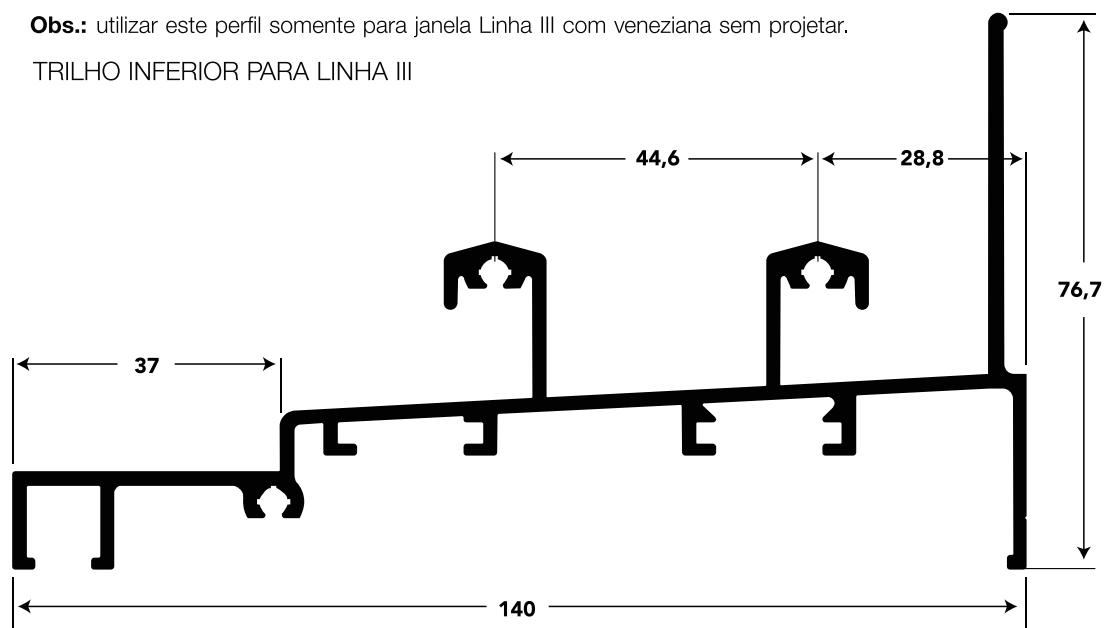


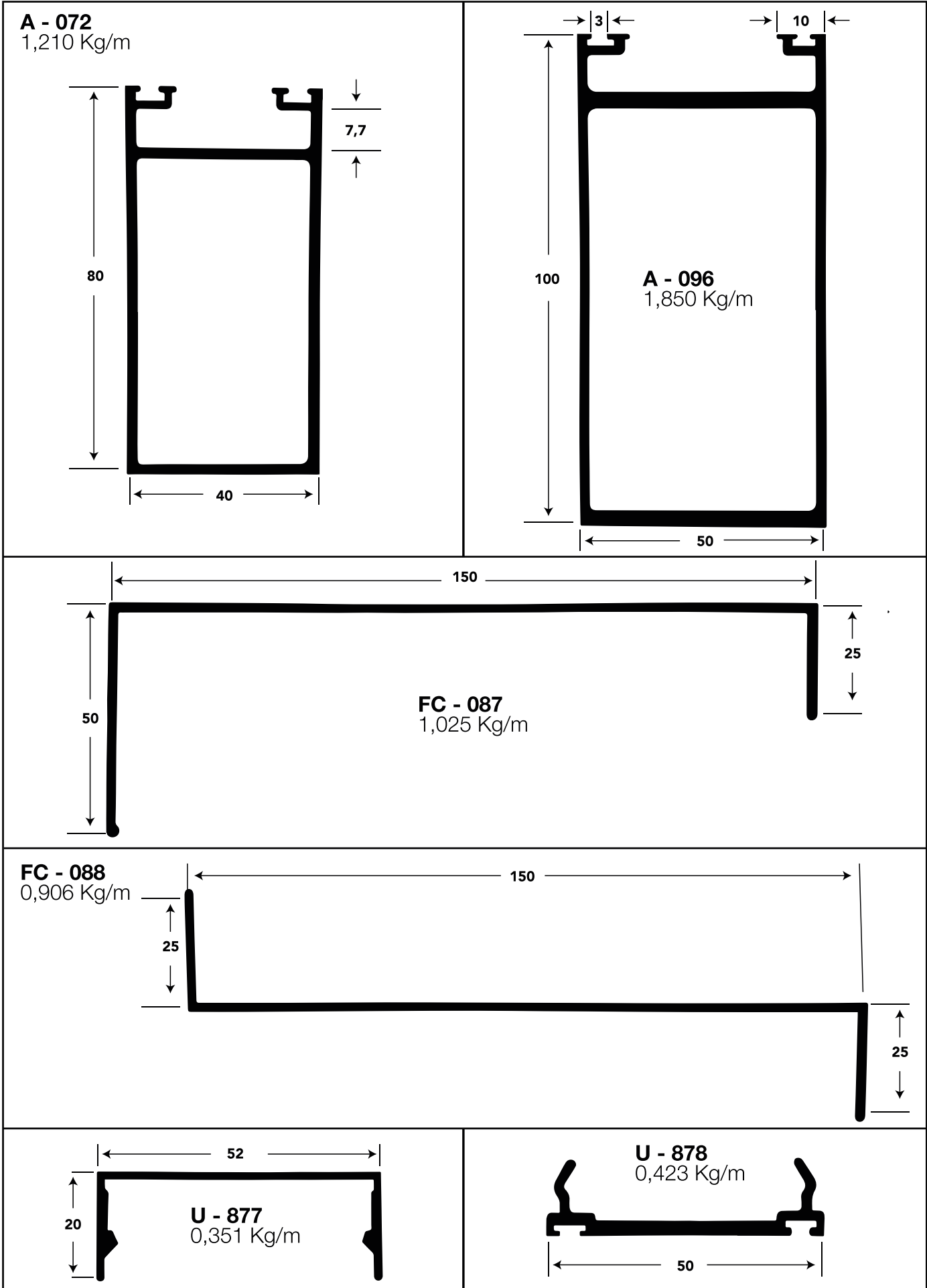
MN - 015
0,843 Kg/m



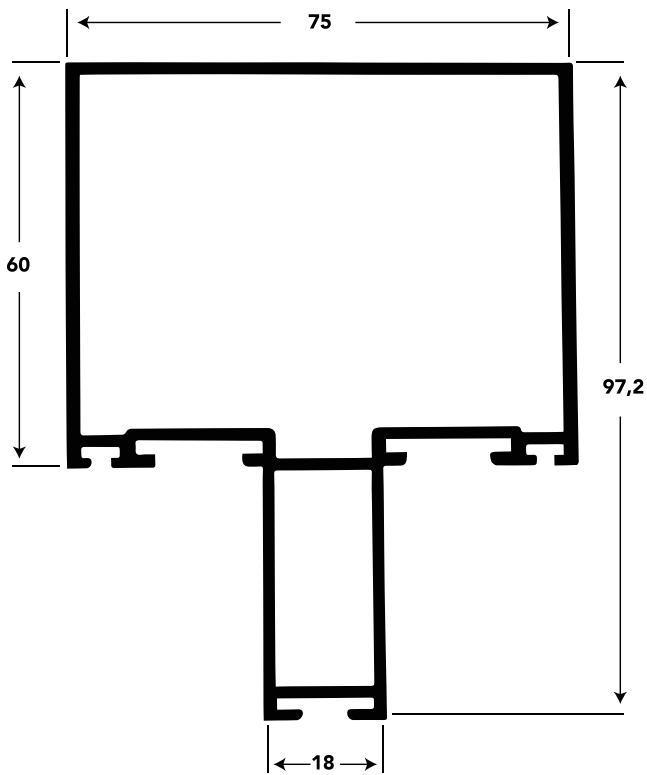
MN - 030
1,900 Kg/m

Obs.: utilizar este perfil somente para janela Linha III com veneziana sem projetar.
TRILHO INFERIOR PARA LINHA III

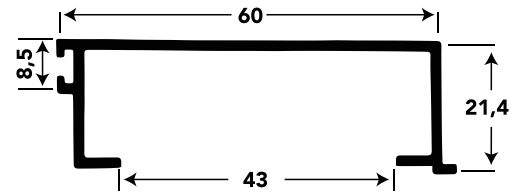




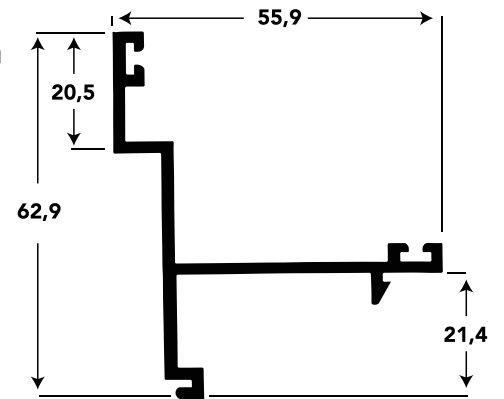
FC - 202
1,821 Kg/m



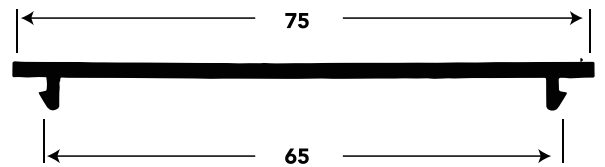
FC - 247
0,472 Kg/m



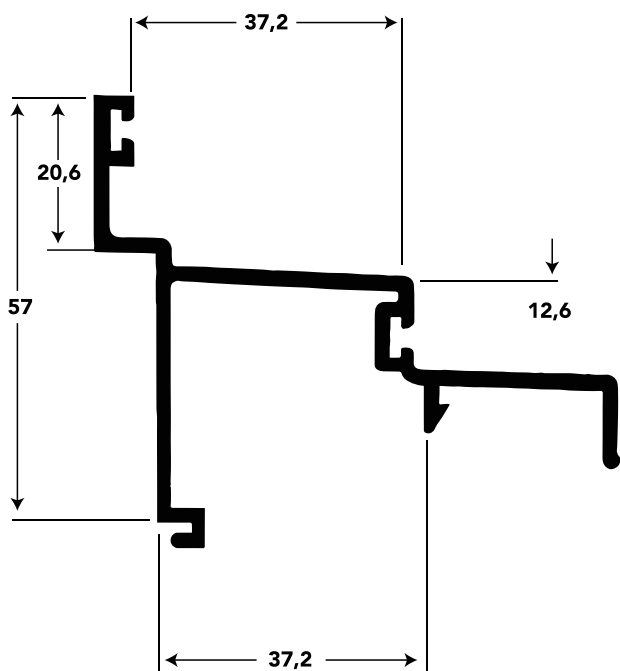
FC - 249
0,605 Kg/m



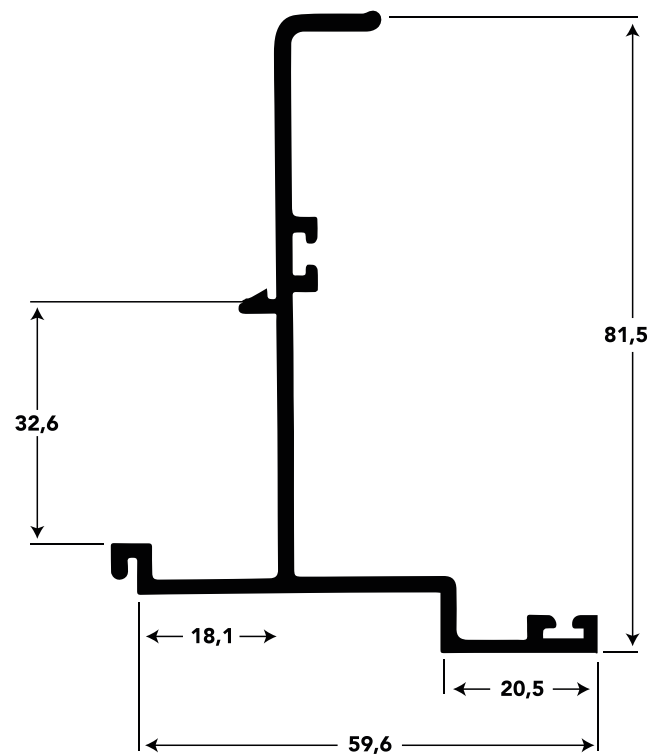
FC - 234
0,339 Kg/m



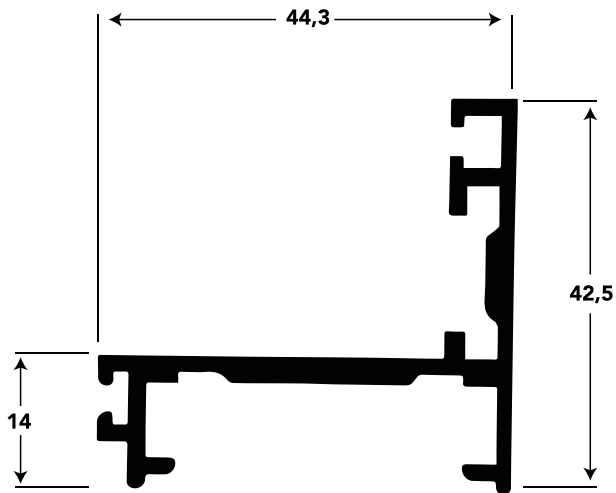
FC - 222
0,788 Kg/m



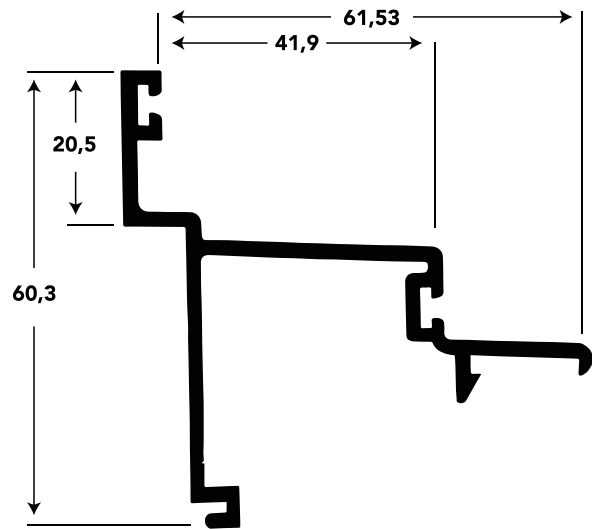
FC - 226
0,749 Kg/m



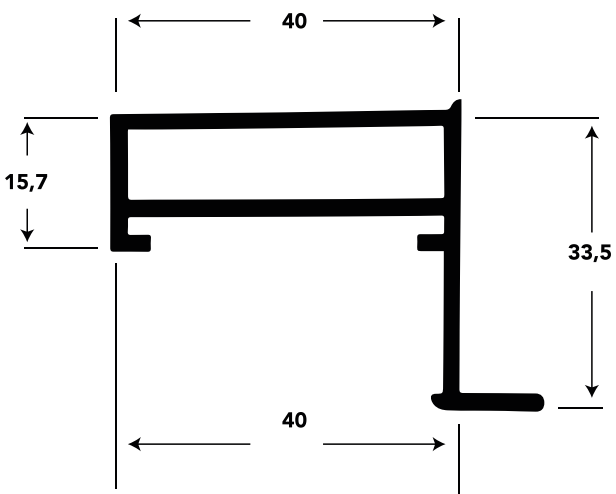
FC - 225
0,640 Kg/m



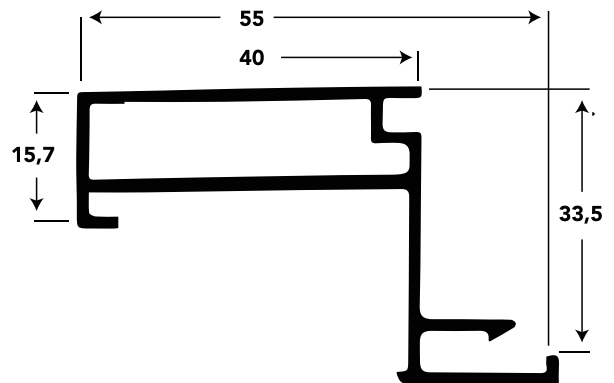
FC - 227
0,674 Kg/m



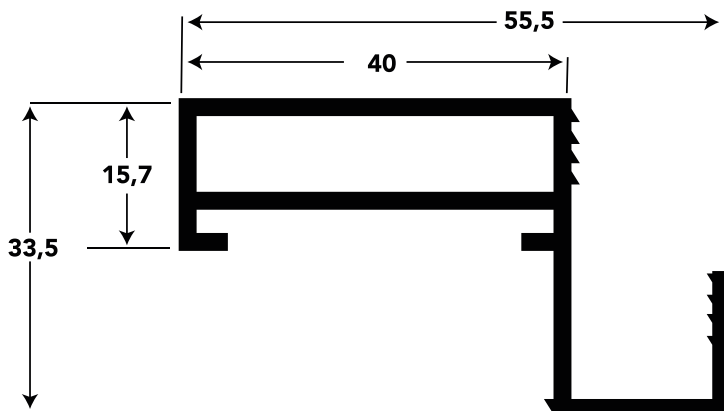
FC - 228
0,594 Kg/m



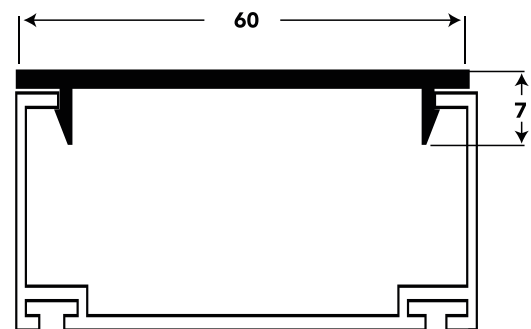
FC - 254
0,643 Kg/m

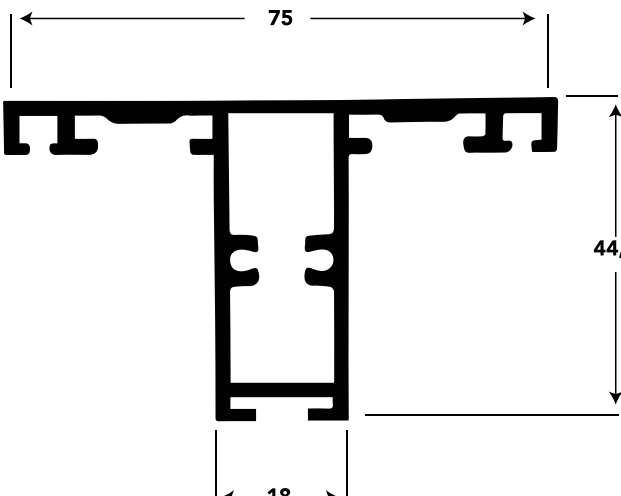
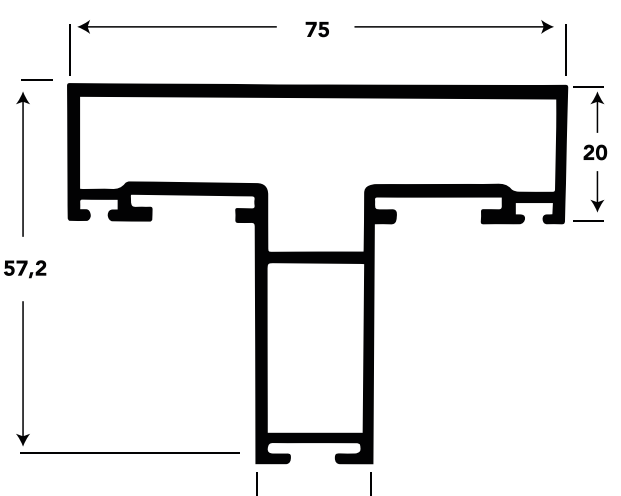
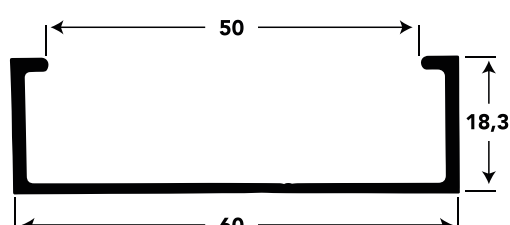
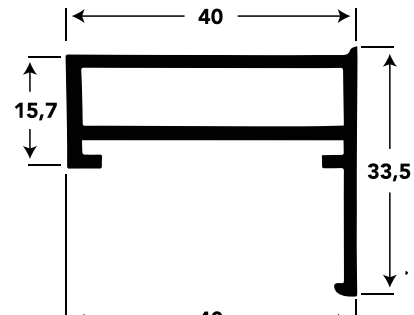
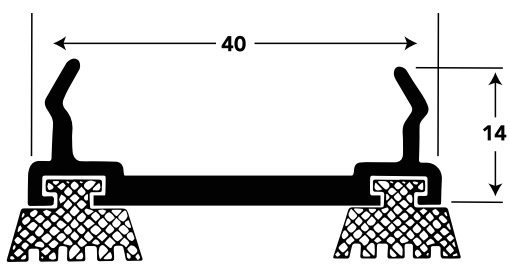
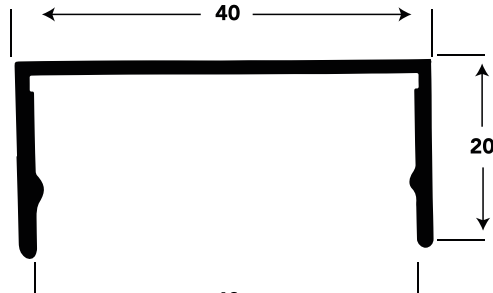
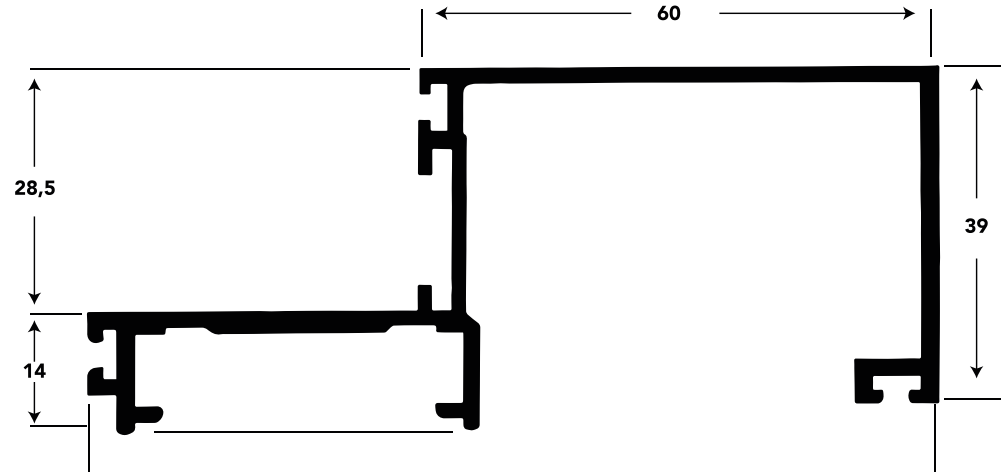


FC - 293
0,677 Kg/m

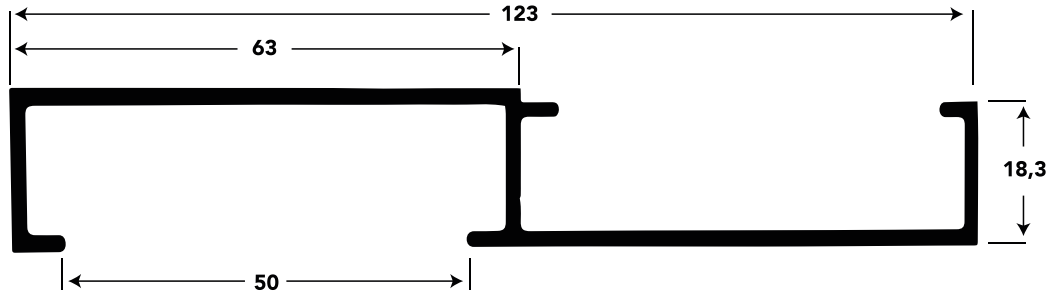


FC - 085
0,276 Kg/m

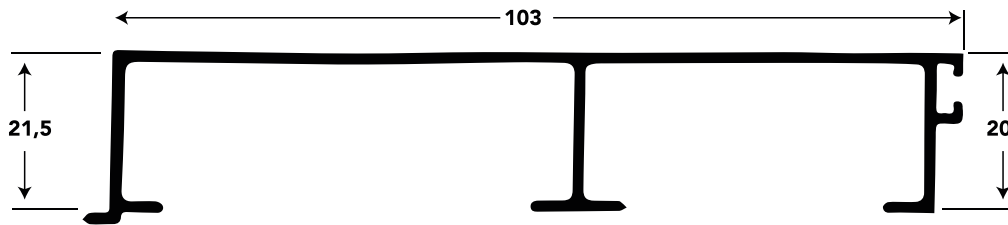


<p>FC - 231 1,062 Kg/m</p> 	<p>FC - 232 01,302 Kg/m</p> 
<p>FC - 256 0,410 Kg/m</p> 	<p>FC - 261 0,555 Kg/m</p> 
<p>U - 615 0,380 Kg/m</p> 	<p>U - 621 0,205 Kg/m</p> 
<p>FC - 243 1,108 Kg/m</p> 	

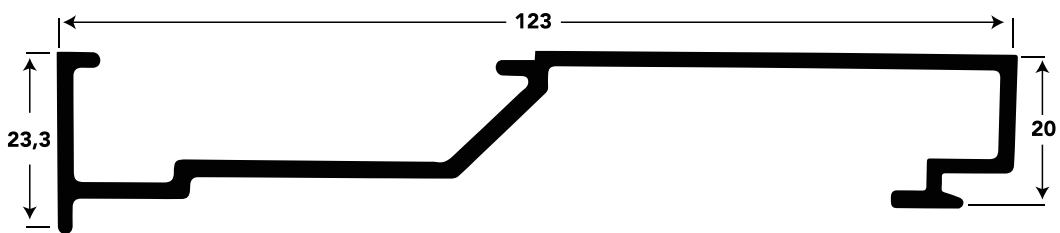
FC - 245
0,795 Kg/m



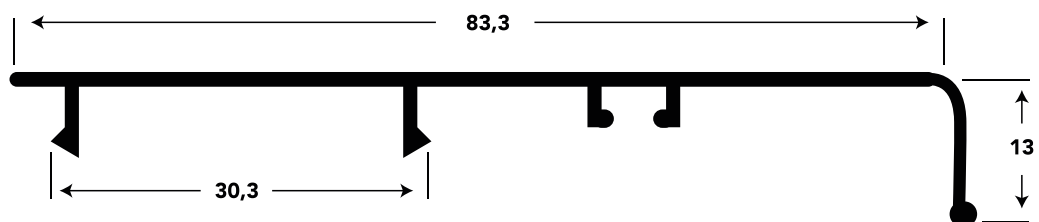
FC - 246
0,766 Kg/m



FC - 250
0,339 Kg/m



FC - 229
0,467 Kg/m

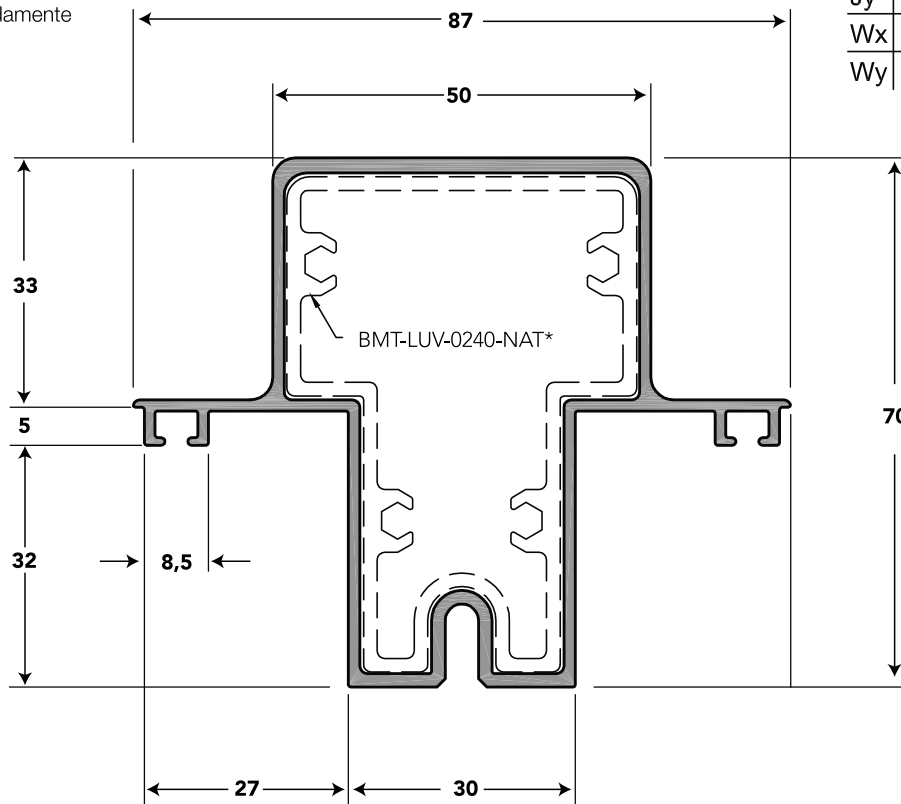


PA - 242

1,362 Kg/m

Coluna central com 92 mm

* Item fornecido separadamente



Jx	27,2070 cm ⁴
Jy	22,1896 cm ⁴
Wx	6,2540 cm ³
Wy	6,0560 cm ³

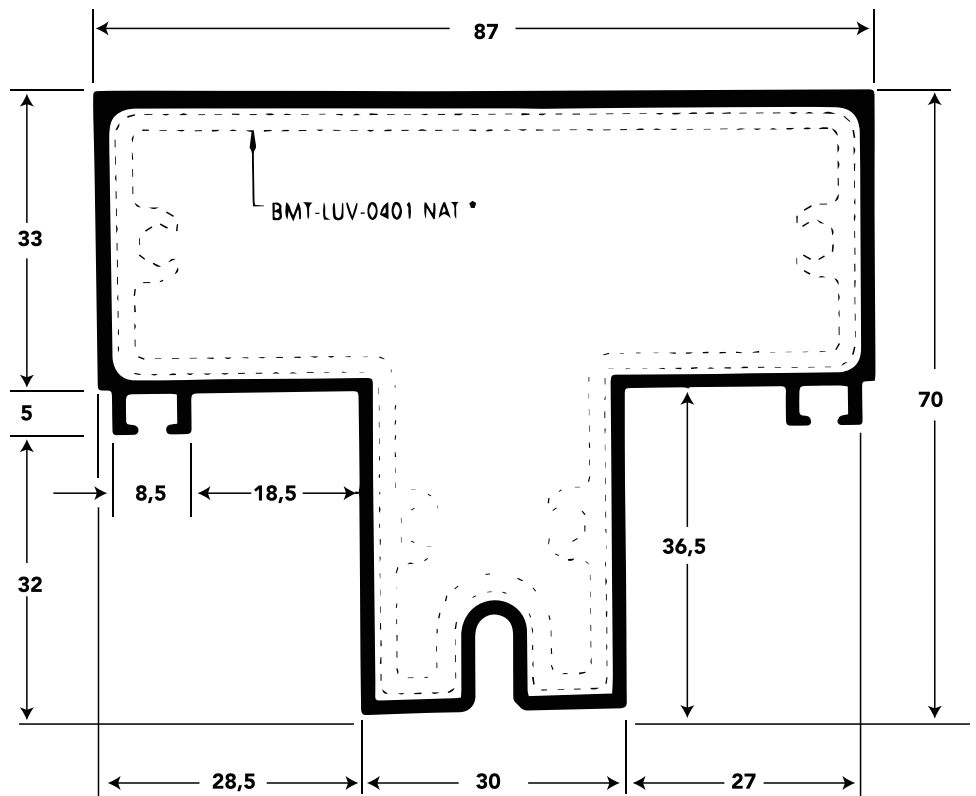
PA - 400

1,488 Kg/m

Coluna central com 92 mm

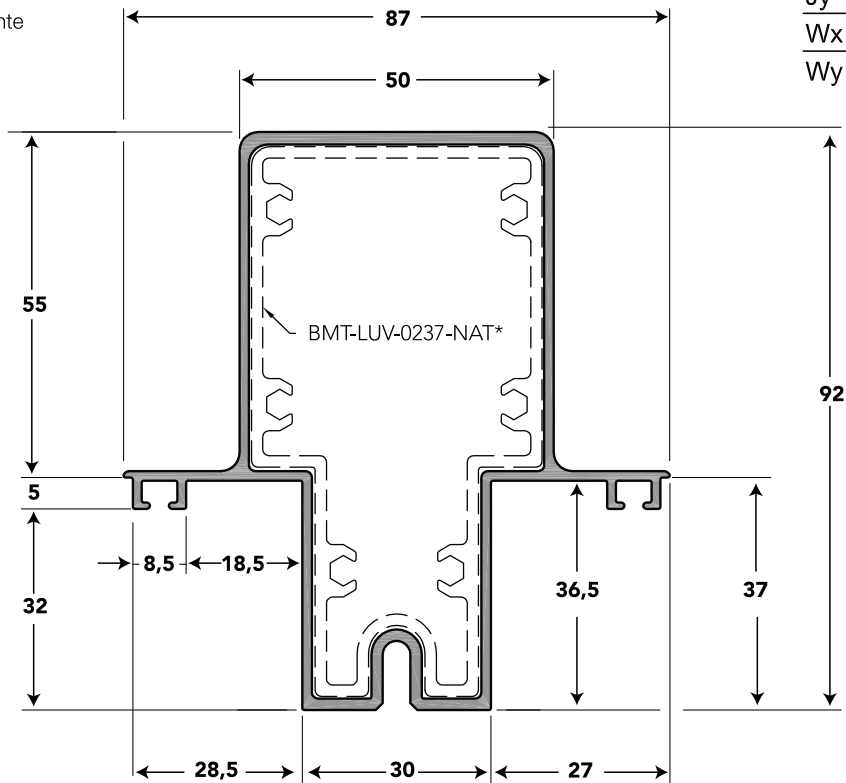
* Item fornecido separadamente

Jx	31,1232 cm ⁴
Jy	41,9054 cm ⁴
Wx	7,5891 cm ³
Wy	9,6334 cm ³



PA - 262 Coluna central com 92 mm
1,540 Kg/m

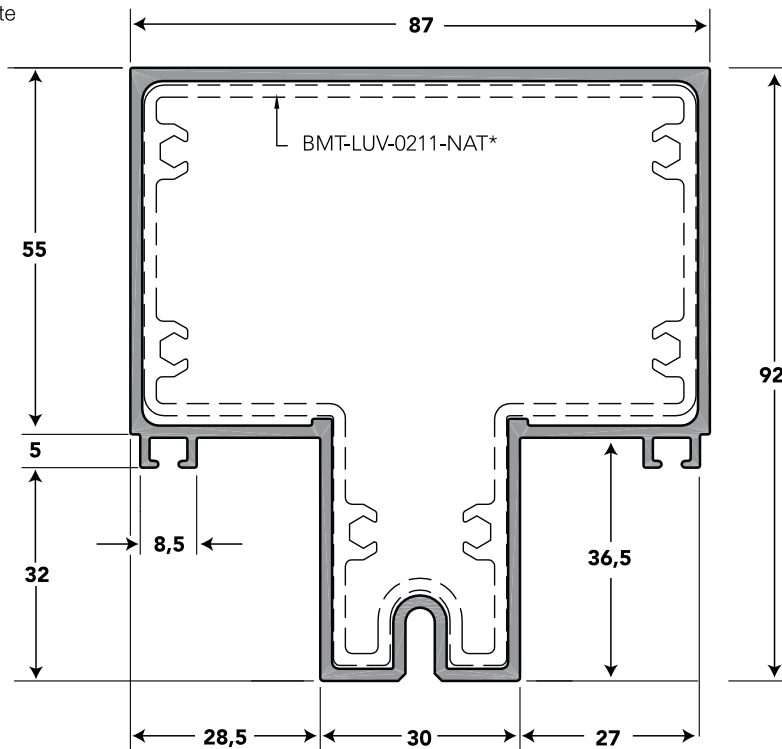
* Item fornecido separadamente



Jx	53,9709 cm ⁴
Jy	26,0332 cm ⁴
Wx	11,5839 cm ³
Wy	5,9846 cm ³

PA - 200 Coluna central com 92 mm
1,937 Kg/m

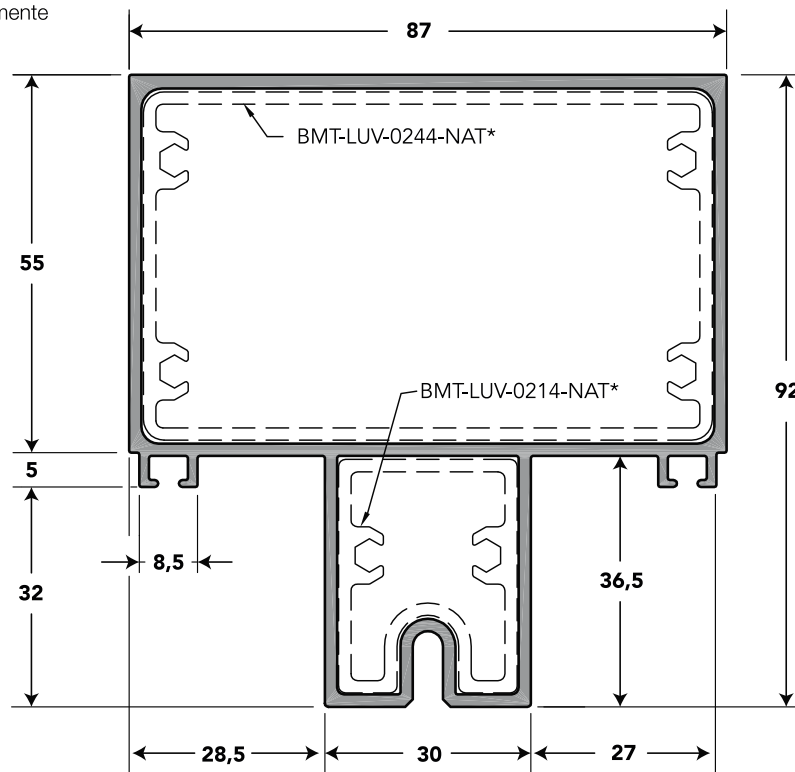
* Item fornecido separadamente



Jx	72,0756 cm ⁴
Jy	62,5802 cm ⁴
Wx	14,3757 cm ³
Wy	14,3862 cm ³

PA - 202 Coluna central com 92 mm
2,178 Kg/m

* Item fornecido separadamente

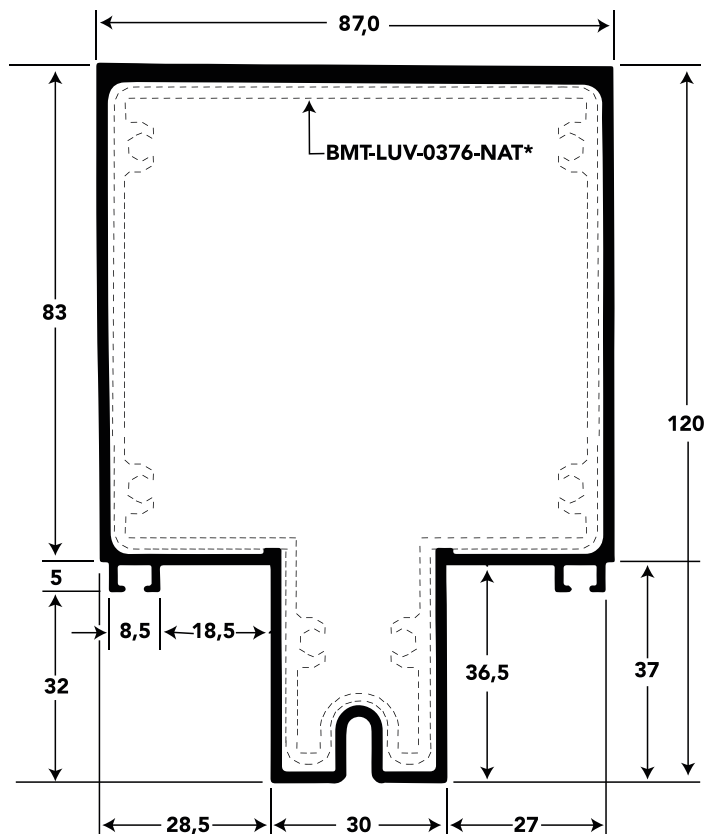


Jx	79,1613 cm ⁴
Jy	65,1534 cm ⁴
Wx	15,3681 cm ³
Wy	14,9777 cm ³

PA - 375 Coluna central com 120 mm
2,454 Kg/m

* Item fornecido separadamente

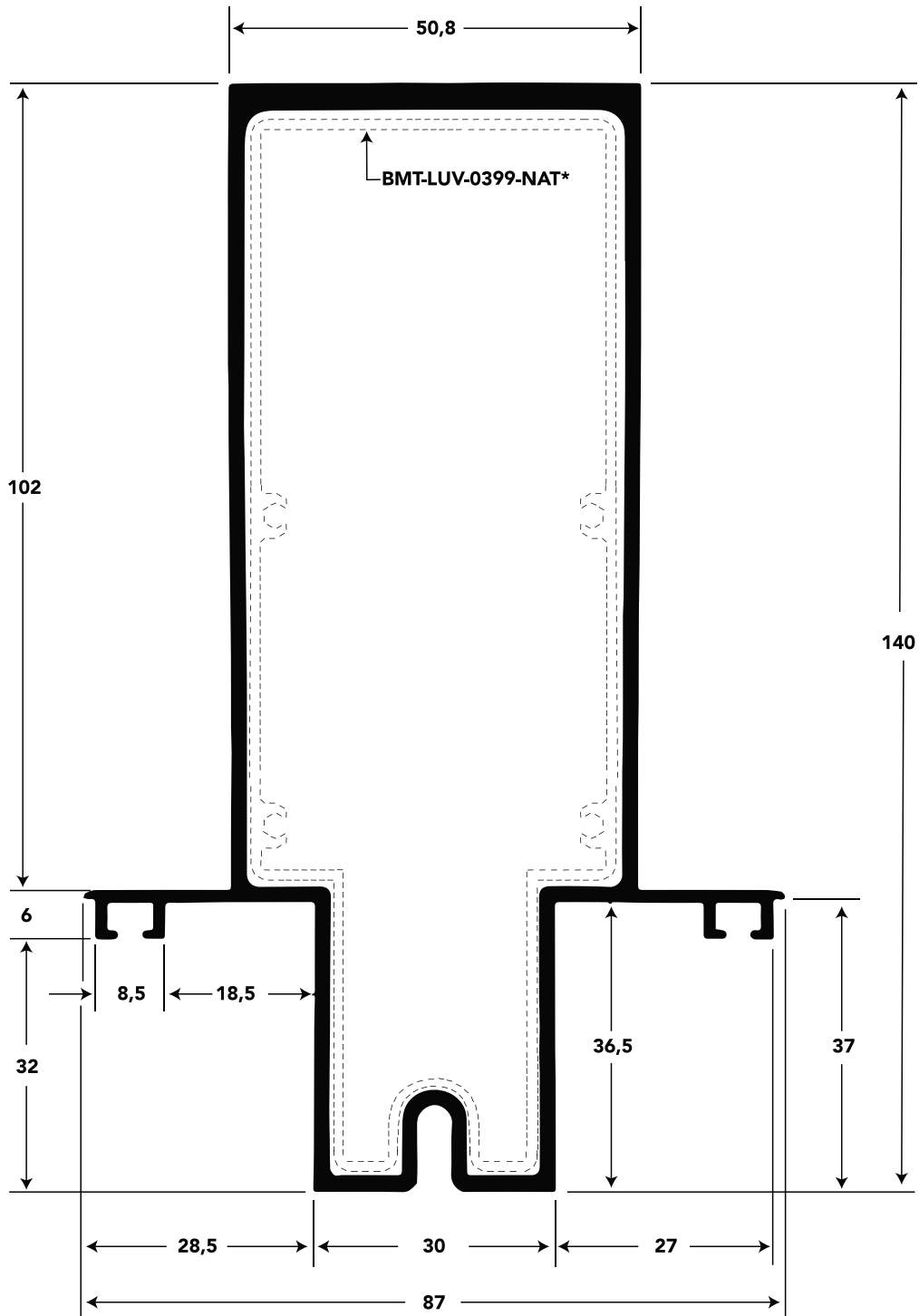
x	166,1756 cm ⁴
y	85,9156 cm ⁴
Vx	24,5255 cm ³
Vy	19,7507 cm ³



PA - 398 Coluna central com 140 mm
2,435 Kg/m

* Item fornecido separadamente

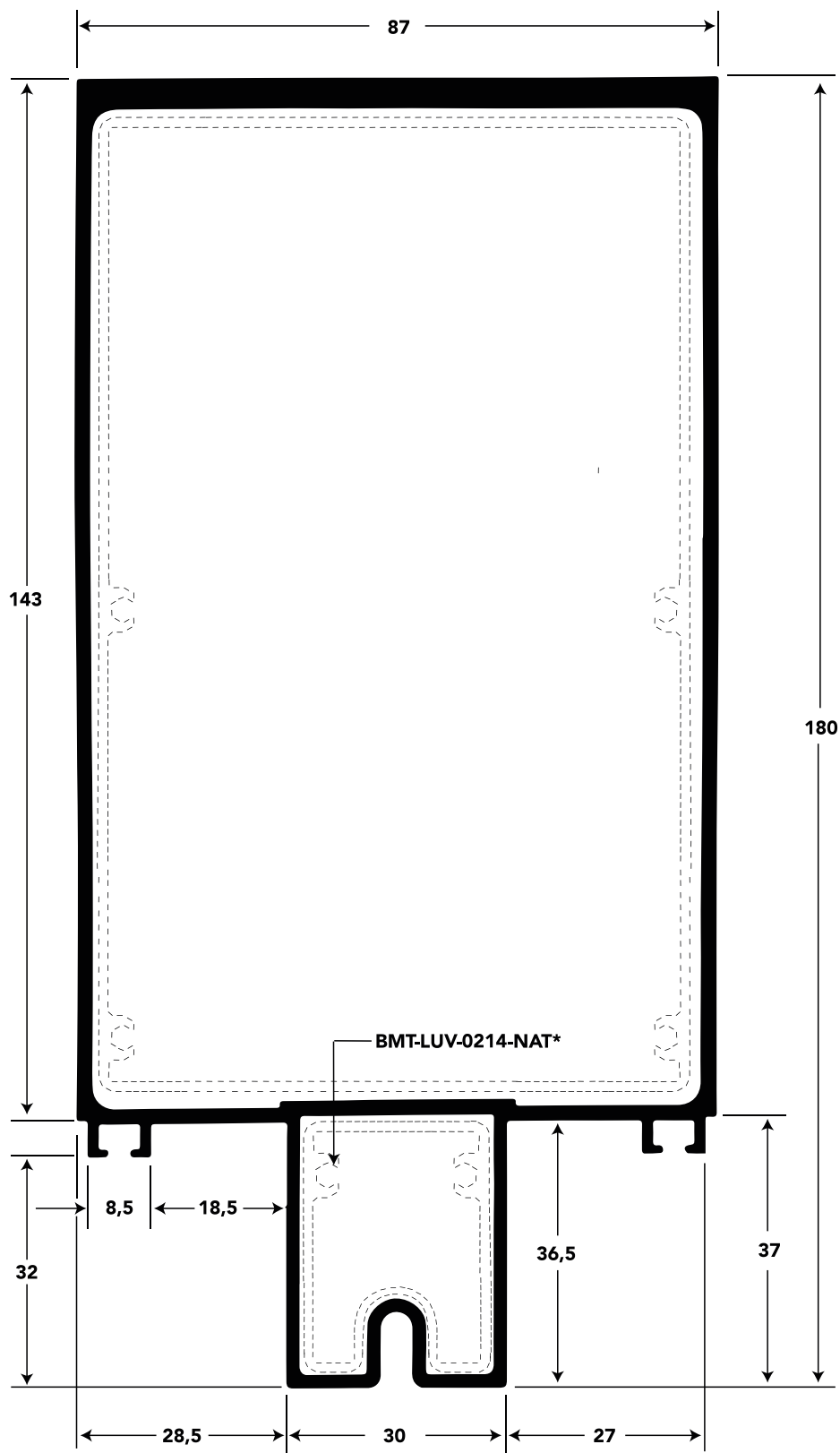
Jx	211,4208 cm ⁴
Jy	41,6829 cm ⁴
Wx	29,6527 cm ³
Wy	9,5820 cm ³



PA - 390 Coluna central com 180 mm
3,630 Kg/m

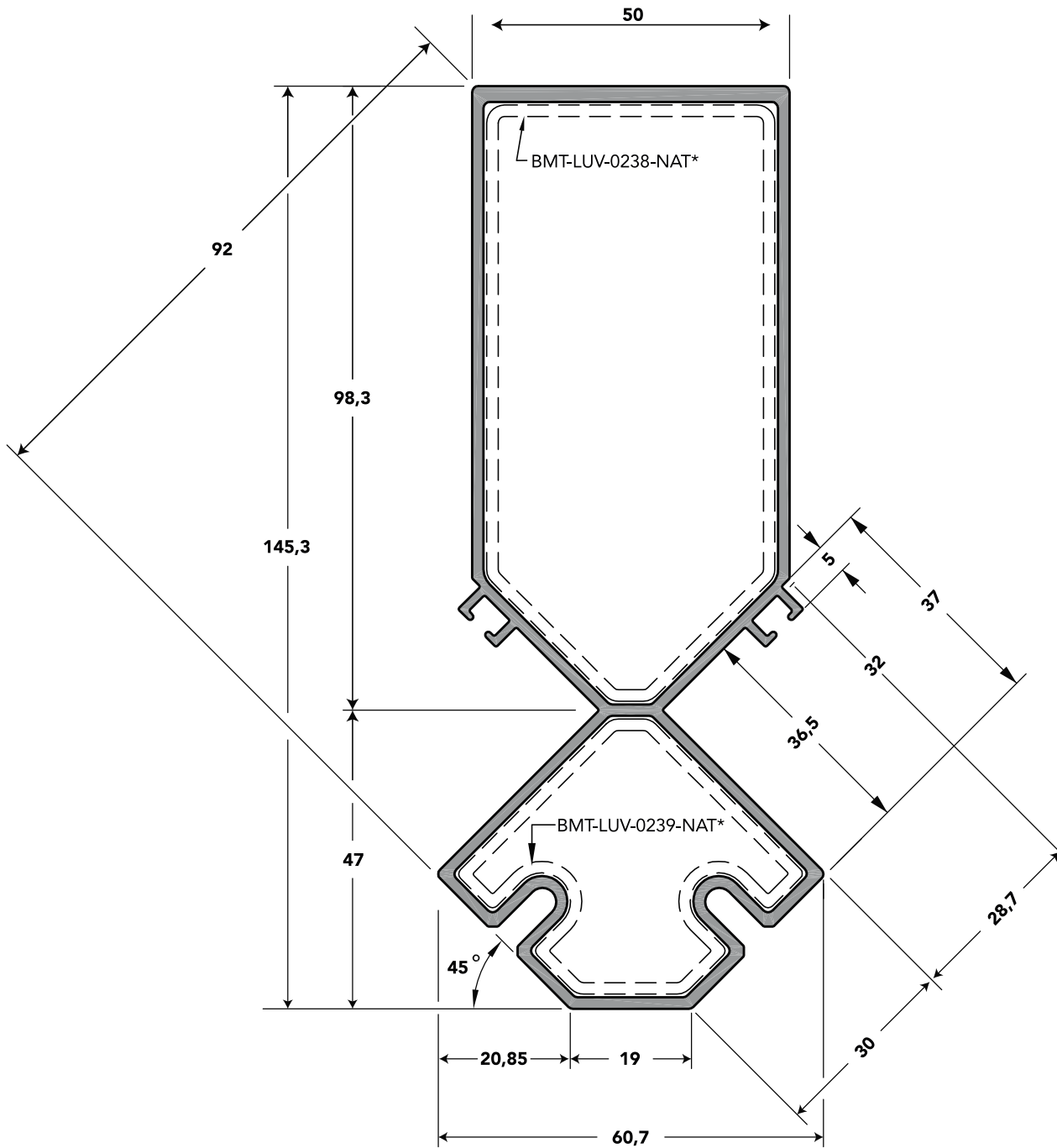
* Item fornecido separadamente

Jx	547,6268 cm ⁴
Jy	144,9481 cm ⁴
Wx	54,9329 cm ³
Wy	33,3214 cm ³



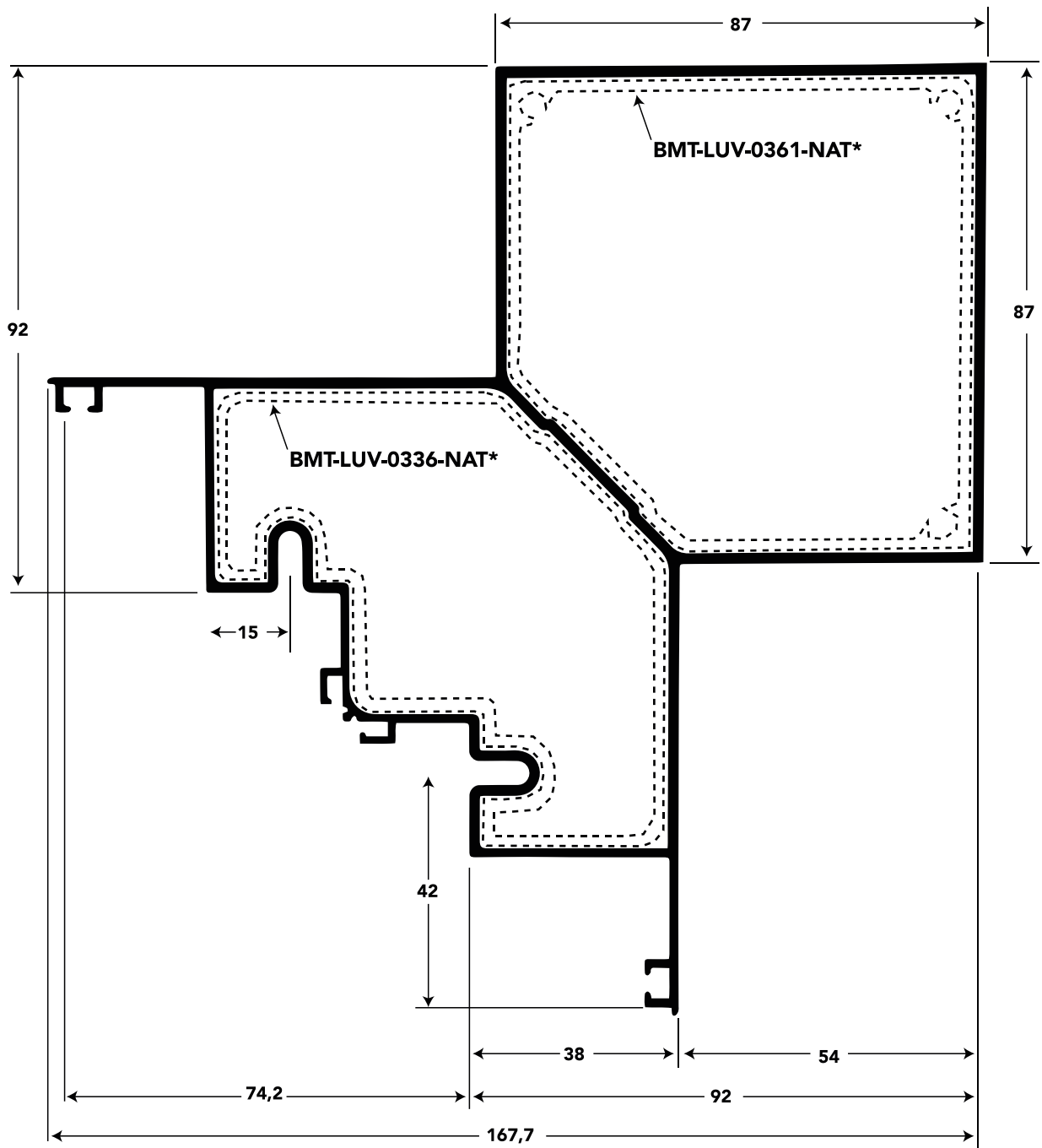
PA - 236 Coluna central com 90° interno
2,364 Kg/m (utilizar com as colunas de 92 mm)

* Item fornecido separadamente



PA - 360 Coluna central com 90° interno
3,912 Kg/m (utilizar com as colunas de 92 mm)

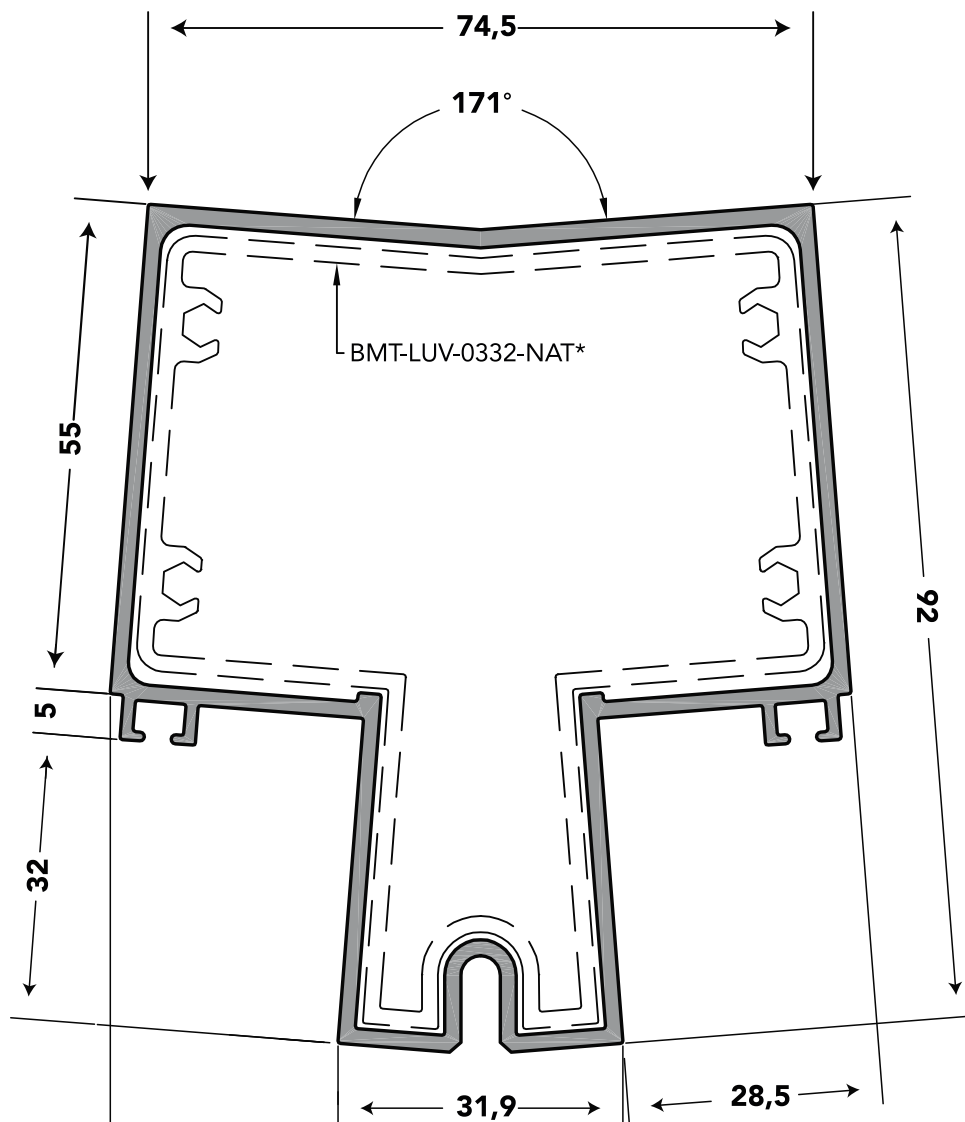
* Item fornecido separadamente



PA - 331 Coluna central com angulo interno de 171
1,884 Kg/m (utilizar com as colunas de 92 mm)

* Item fornecido separadamente

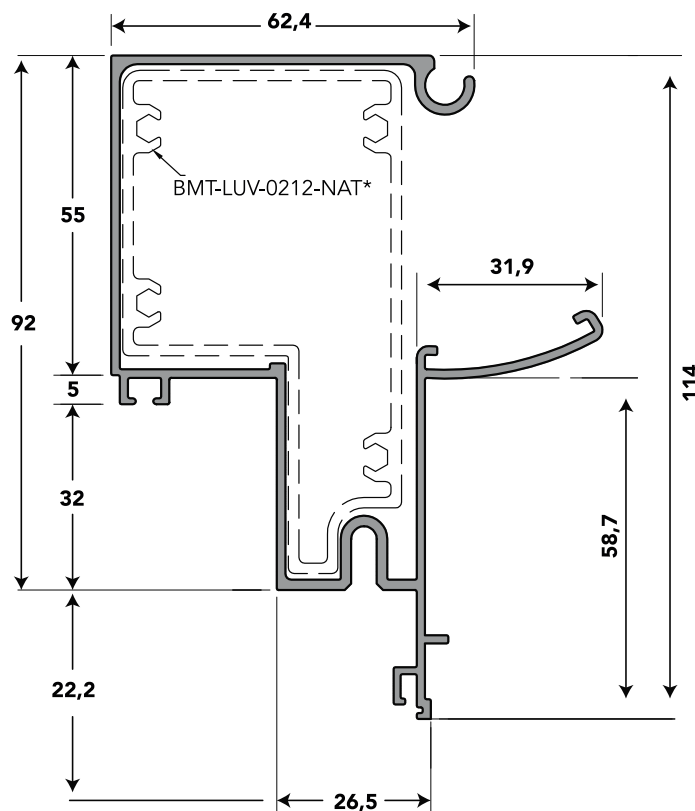
Jx	70,3059 cm⁴
Jy	49,6731 cm⁴
Wx	13,9481 cm³
Wy	11,9809 cm³



PA - 327 Coluna fêmea com rótulo para adequação angular (utilizar com as colunas de 92 mm)
1,571 Kg/m

* Item fornecido separadamente

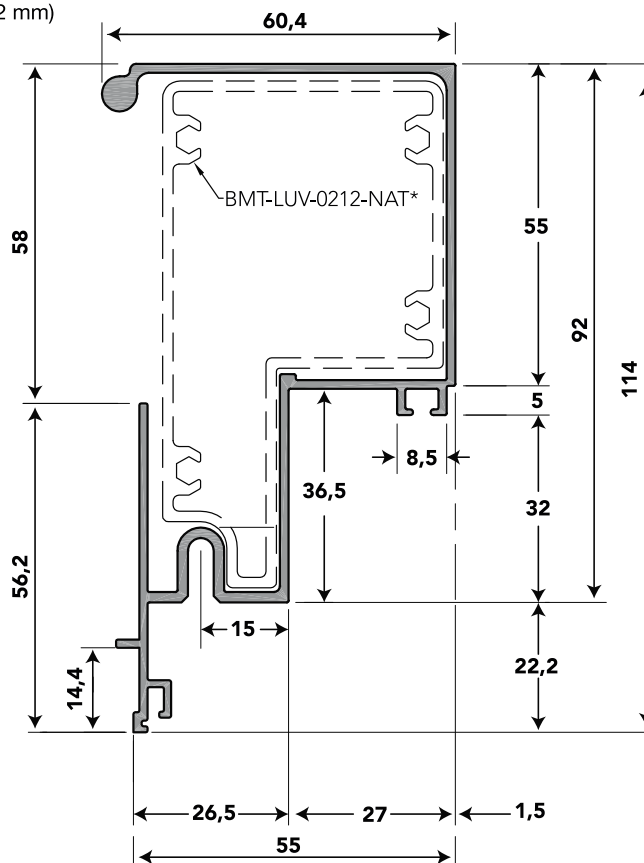
Jx	68,0517 cm ⁴
Jy	30,7060 cm ⁴
Wx	10,8813 cm ³
Wy	6,2247 cm ³



PA - 328 Coluna macho com rótulo para adequação angular (utilizar com as colunas de 92 mm)
1,376 Kg/m

* Item fornecido separadamente

Jx	67,9216 cm ⁴
Jy	16,1940 cm ⁴
Wx	10,5531 cm ³
Wy	6,5280 cm ³

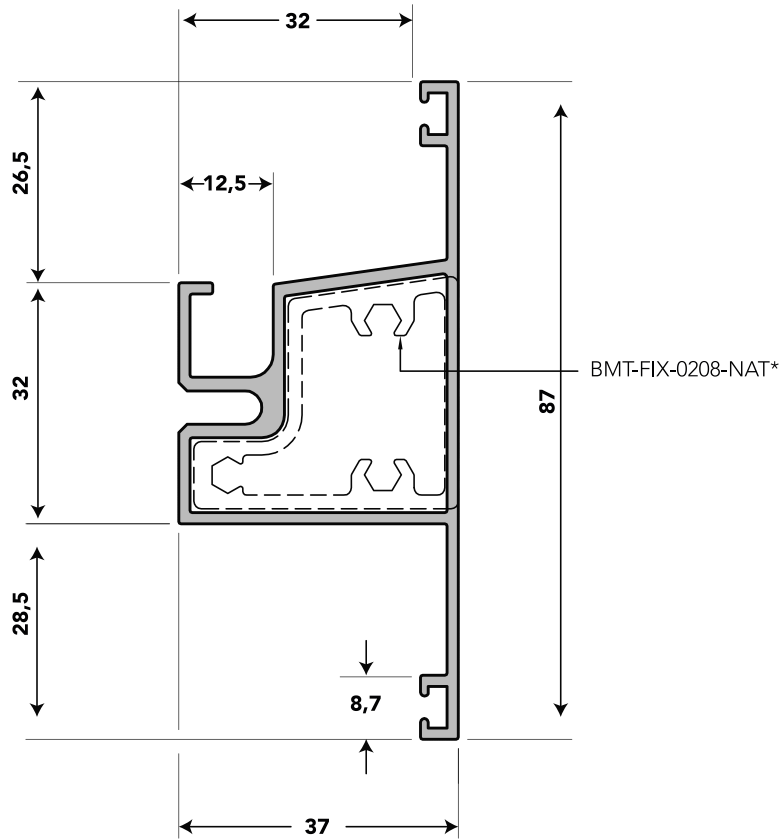


PA - 211
0,933 Kg/m

Travessa intermediária

* Item fornecido separadamente

Jx	15,0624 cm⁴
Jy	6,9497 cm⁴
Wx	3,3991 cm³
Wy	3,0915 cm³

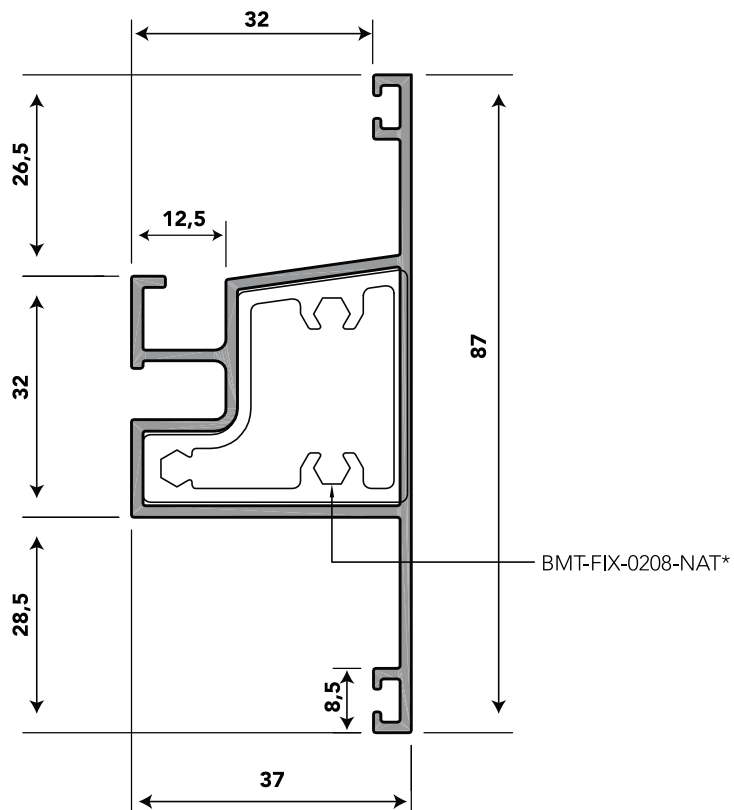


PA - 233
0,926 Kg/m

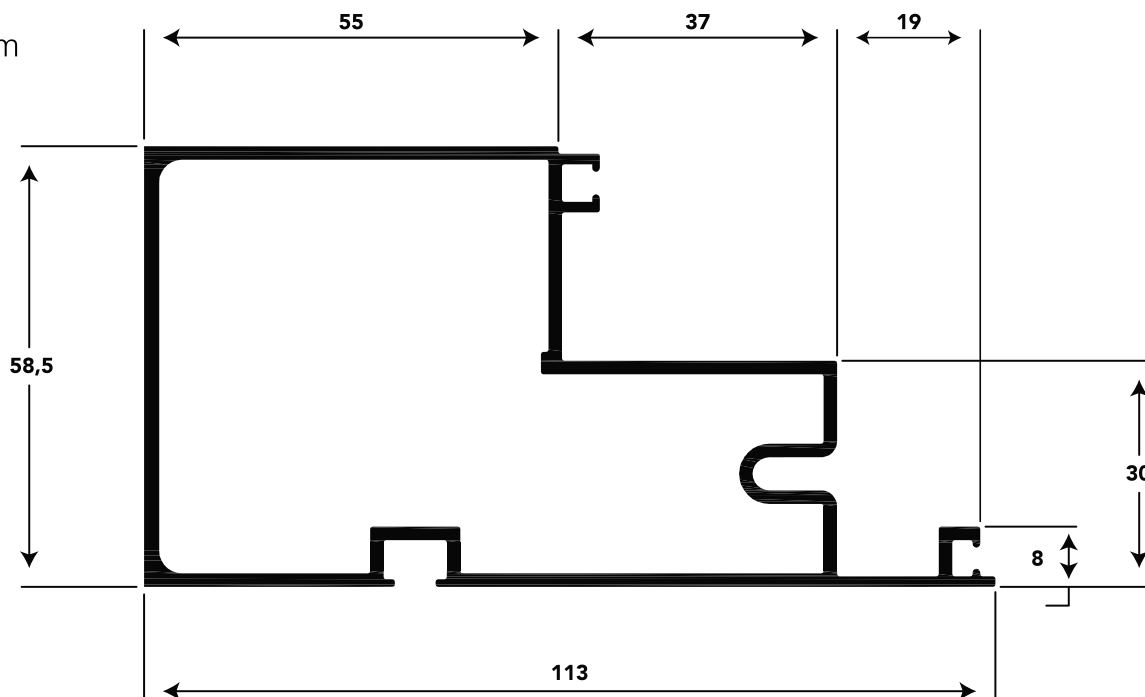
Travessa intermediária

* Item fornecido separadamente

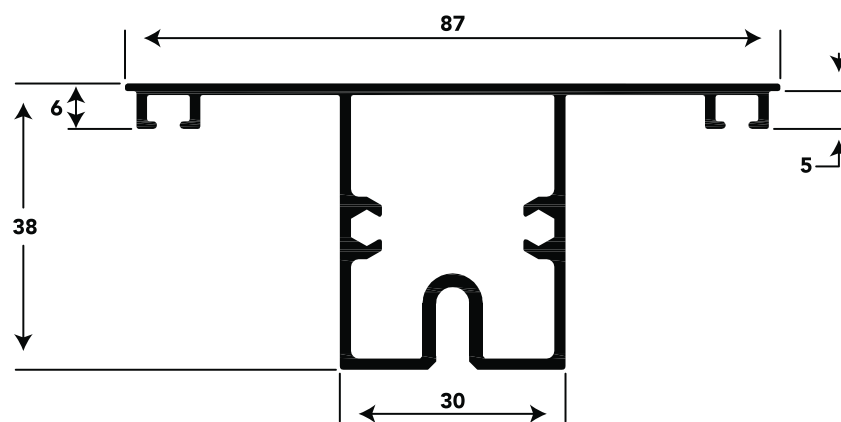
Jx	14,9472 cm⁴
Jy	6,4856 cm⁴
Wx	3,3895 cm³
Wy	2,7889 cm³



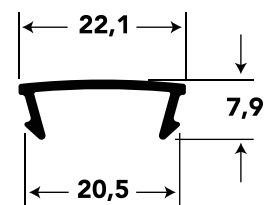
PA - 201
1,783 Kg/m



PA - 204
1,010 Kg/m

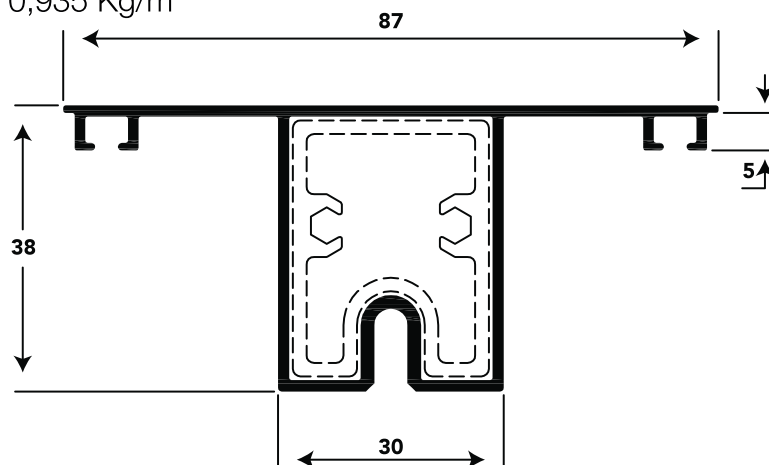


PA - 237
0,121 Kg/m

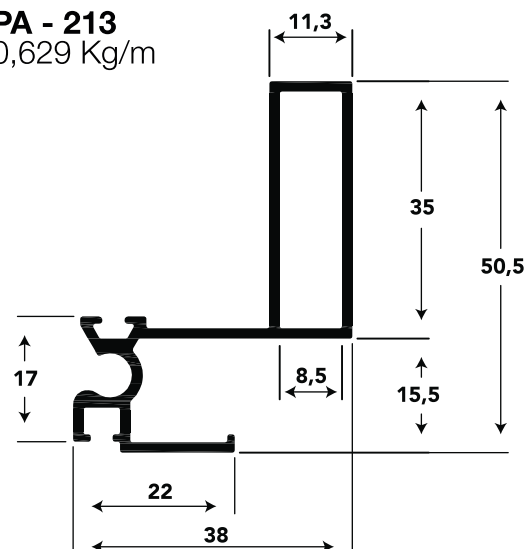


Tampa do arremate interno FA-238A
soleira/lumieira

PA - 205
0,935 Kg/m

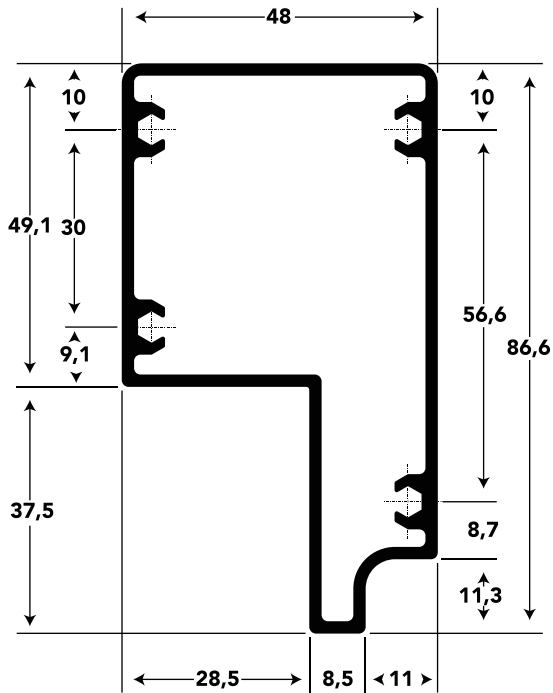


PA - 213
0,629 Kg/m

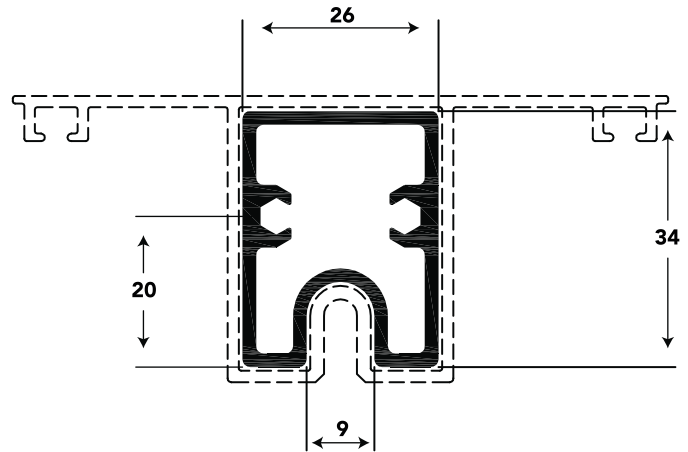


PA - 206
1,489 Kg/m

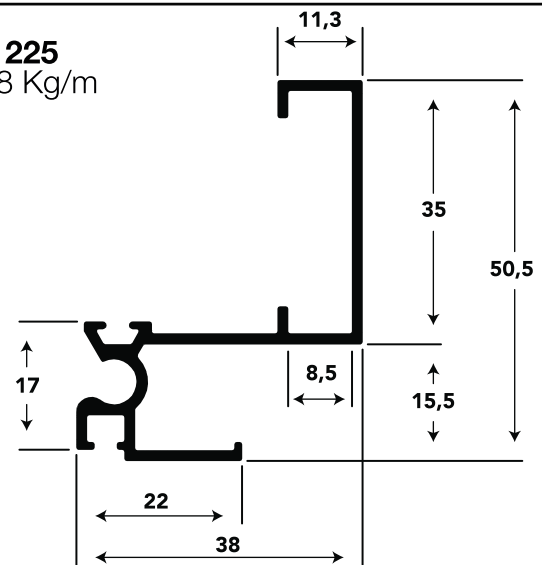
Luva do marco lateral FA-201 e FA-235



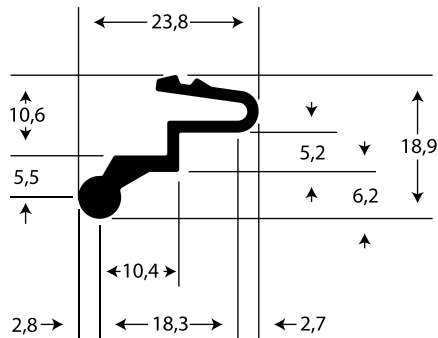
PA - 208
0,759 Kg/m



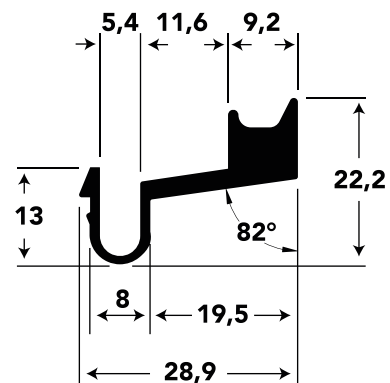
PA - 225
0,538 Kg/m



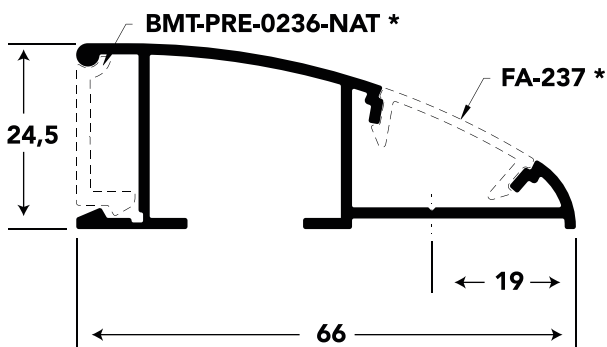
PA - 227
0,263 Kg/m



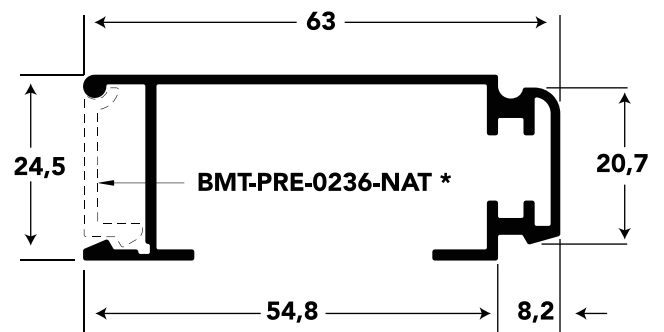
PA - 231
0,384 Kg/m



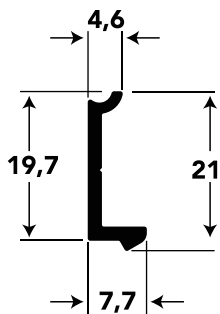
PA - 238
0,572 Kg/m



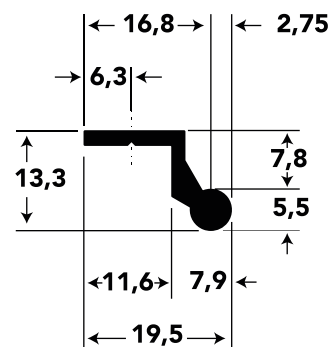
PA - 239
0,582 Kg/m



PA - 240
0,135 Kg/m



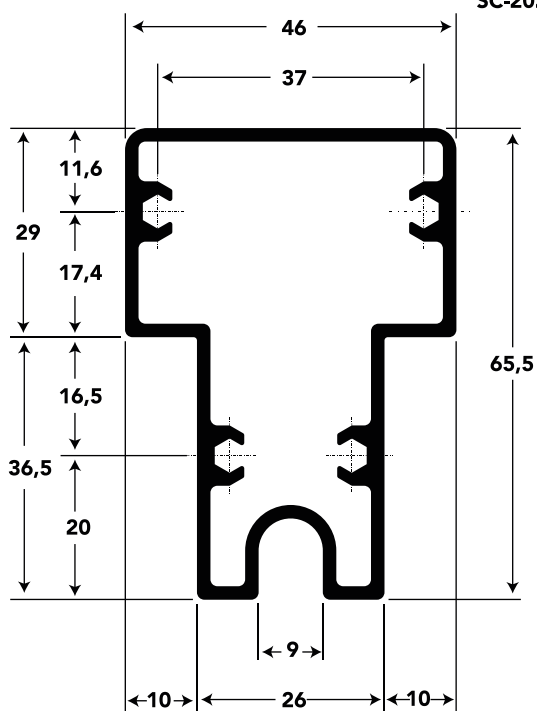
PA - 247
0,210 Kg/m



PA - 261
1,360 Kg/m

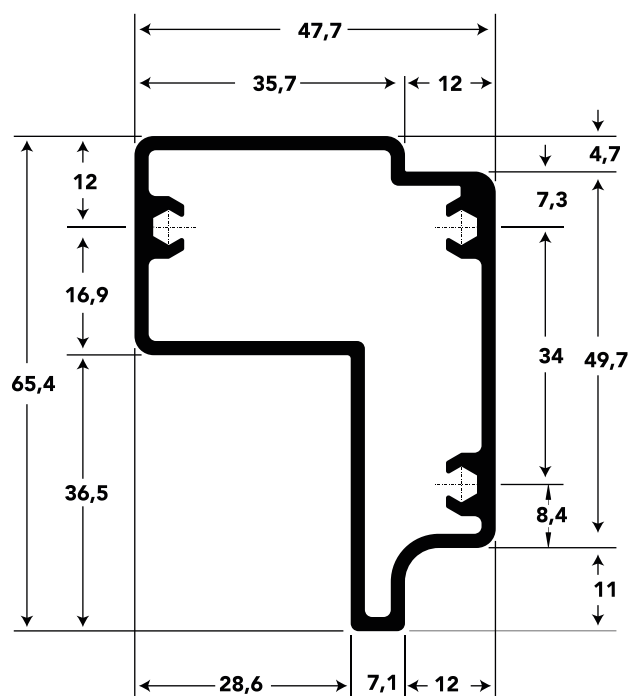
Jx	23,8323cm ⁴
Jy	11,2442cm ⁴
Wx	10,2950cm ³
Wy	3,2450cm ³

SC-2023

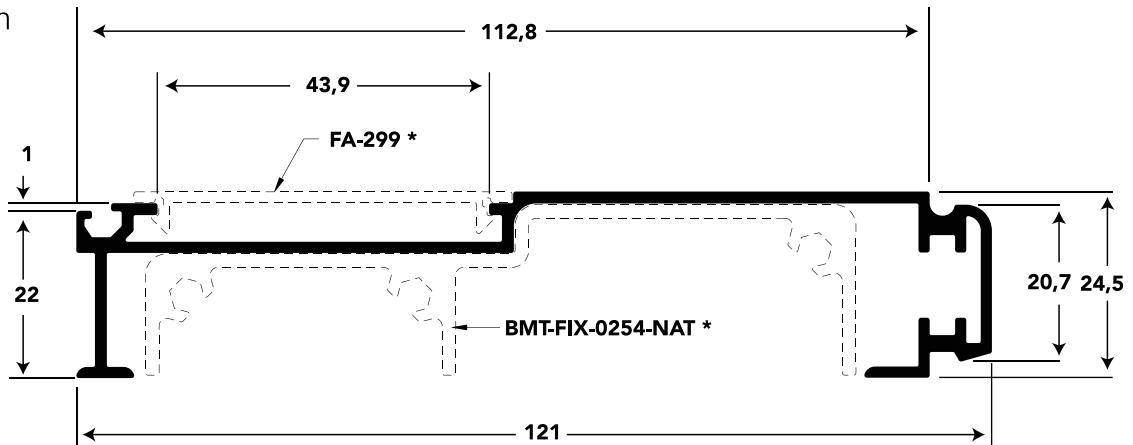


PA - 264
1,228 Kg/m

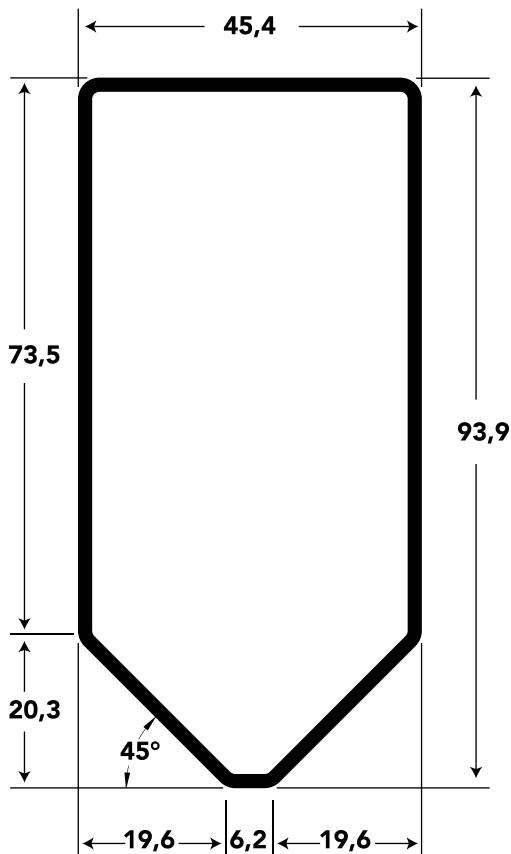
SC-2023



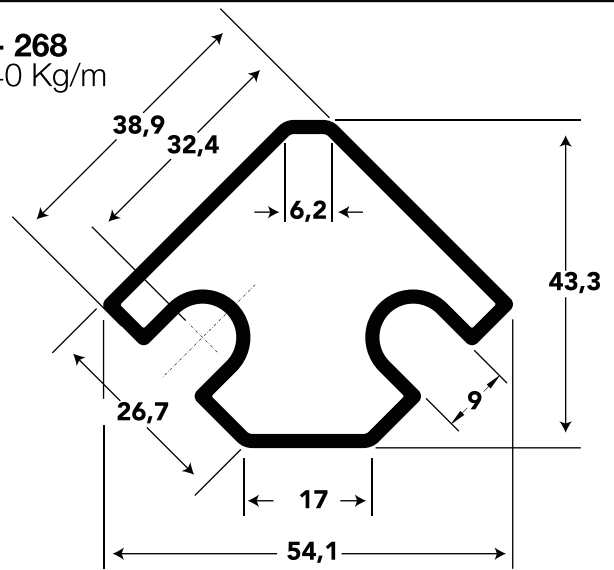
PA - 265
0,901 Kg/m



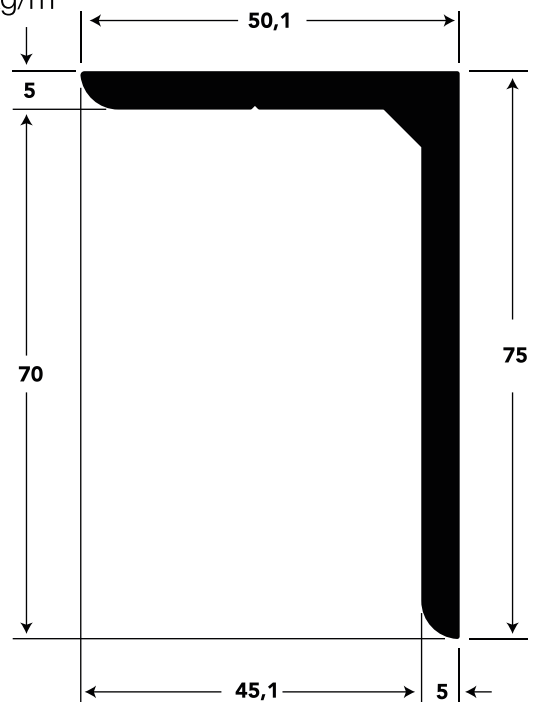
PA - 267
1,196 Kg/m



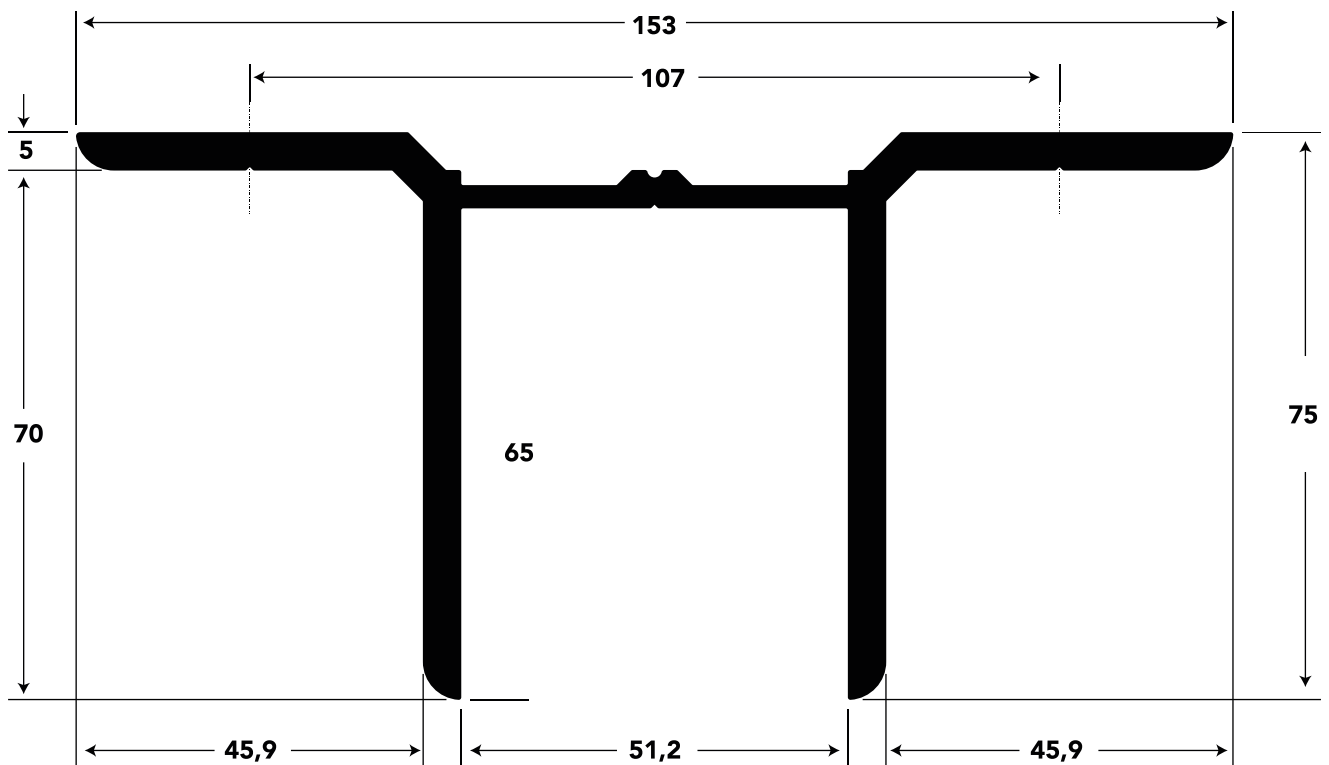
PA - 268
0,840 Kg/m



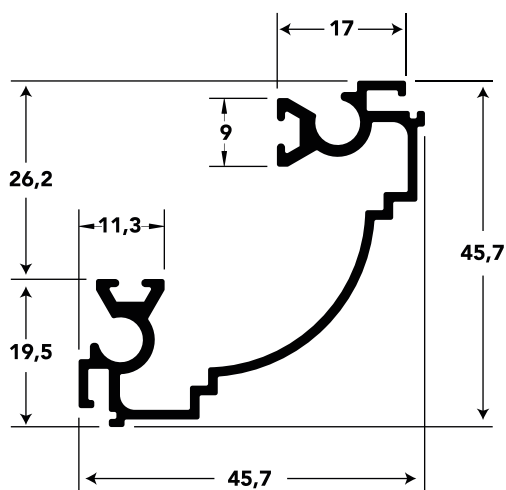
PA - 271
1,626 Kg/m



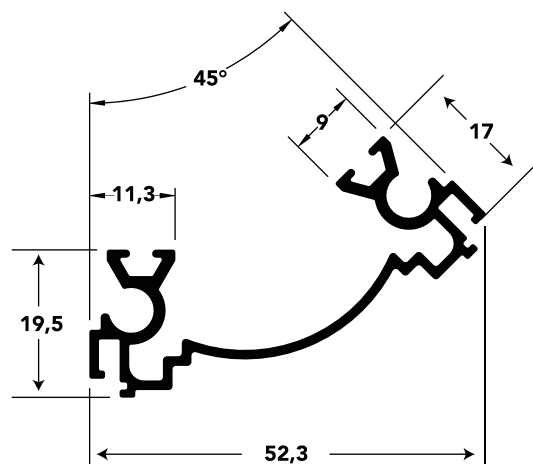
PA - 272
3,582 Kg/m



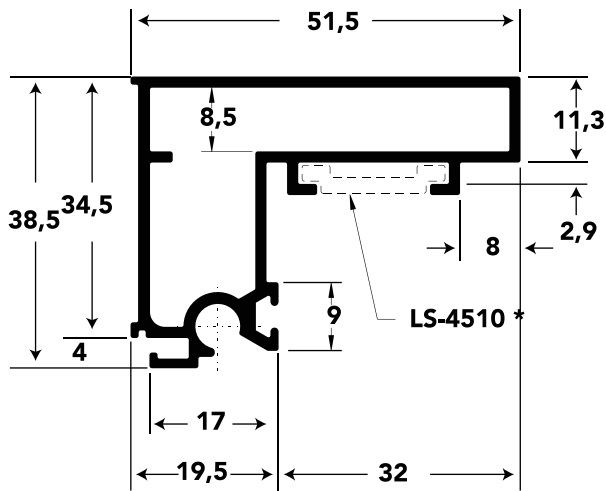
PA - 273
0,577 Kg/m



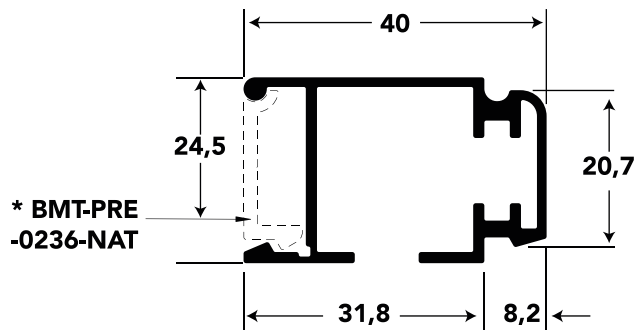
PA - 274
0,534 Kg/m



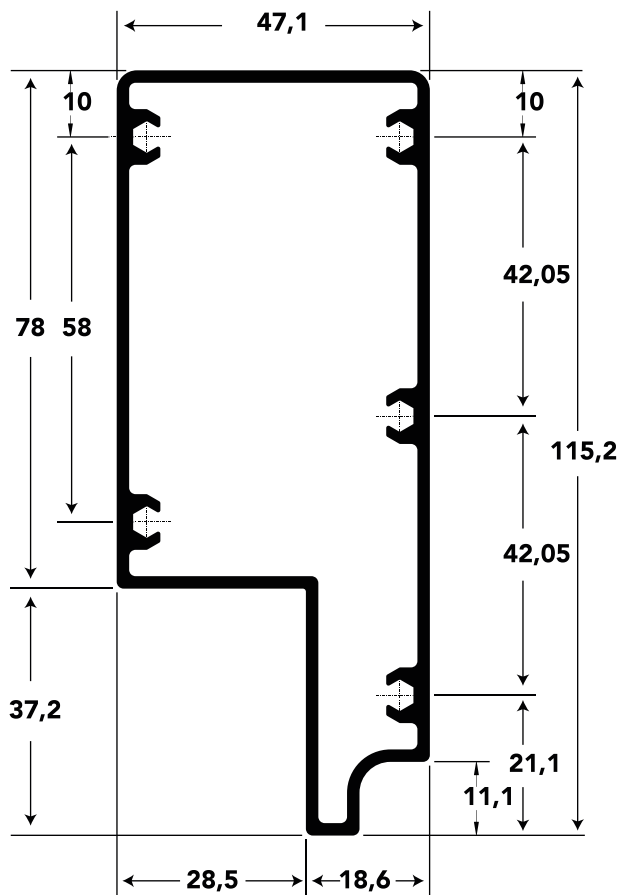
PA - 276
0,794 Kg/m



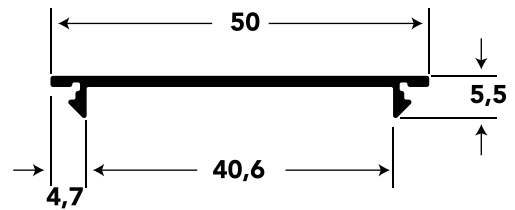
PA - 293
0,518 Kg/m



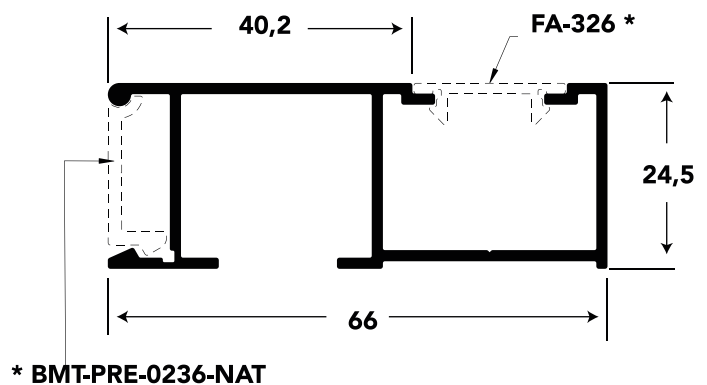
PA - 279
1,826 Kg/m



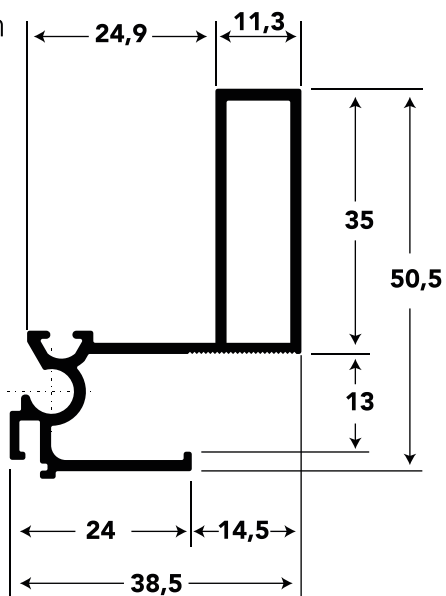
PA - 299
0,220 Kg/m



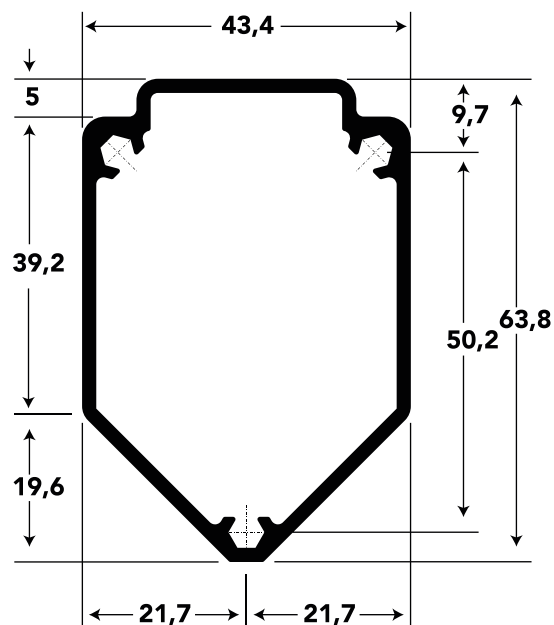
PA - 325
0,653 Kg/m



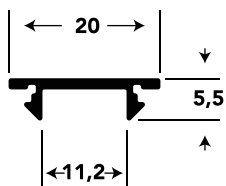
PA - 403
0,634 Kg/m



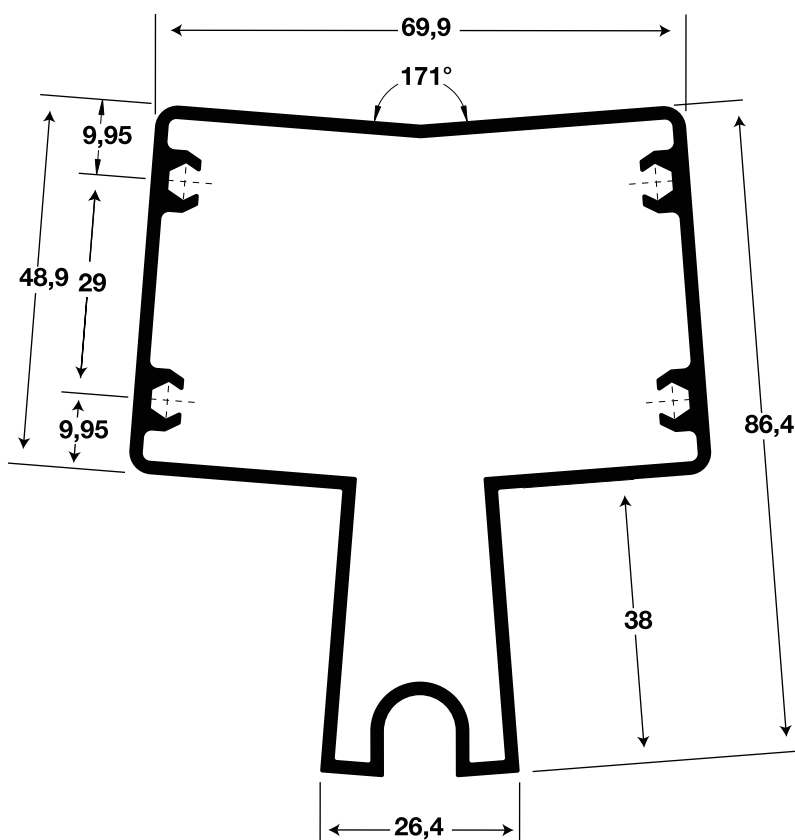
PA - 346
0,999 Kg/m



PA - 326
0,103 Kg/m



PA - 332
1,850 Kg/m

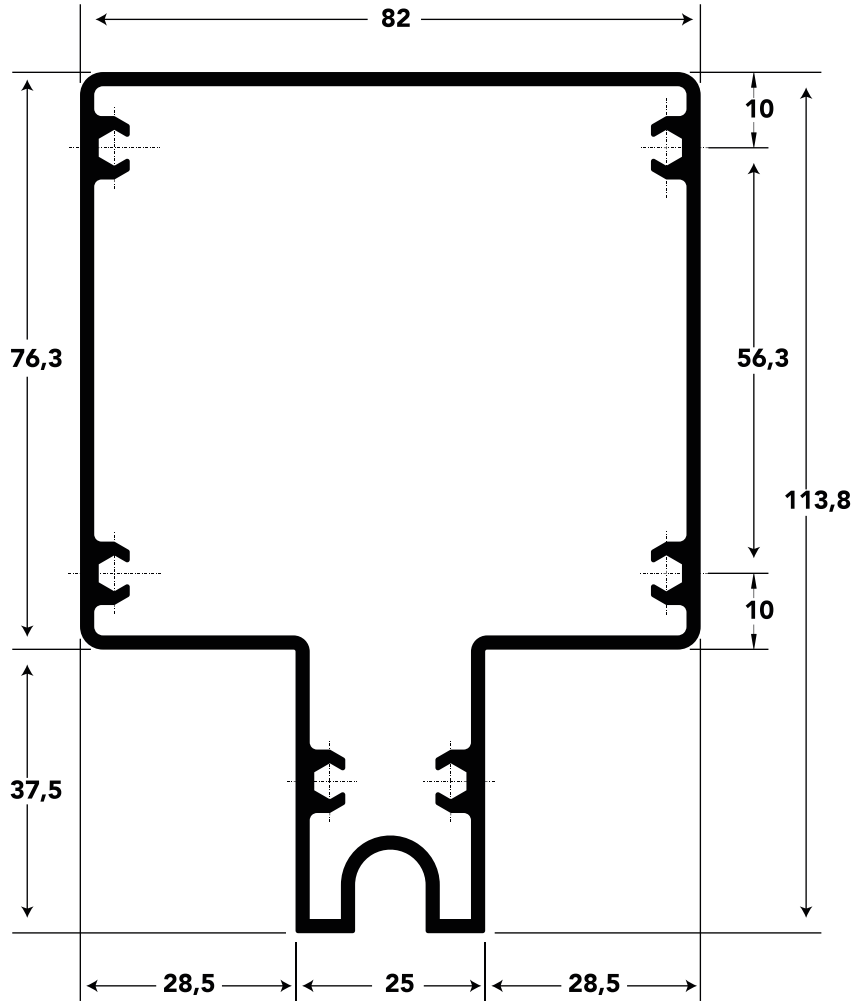


Jx	56,6660cm ⁴
Jy	43,3901cm ⁴
Wx	11,3322cm ³
Wy	11,3195cm ³

SC-2023

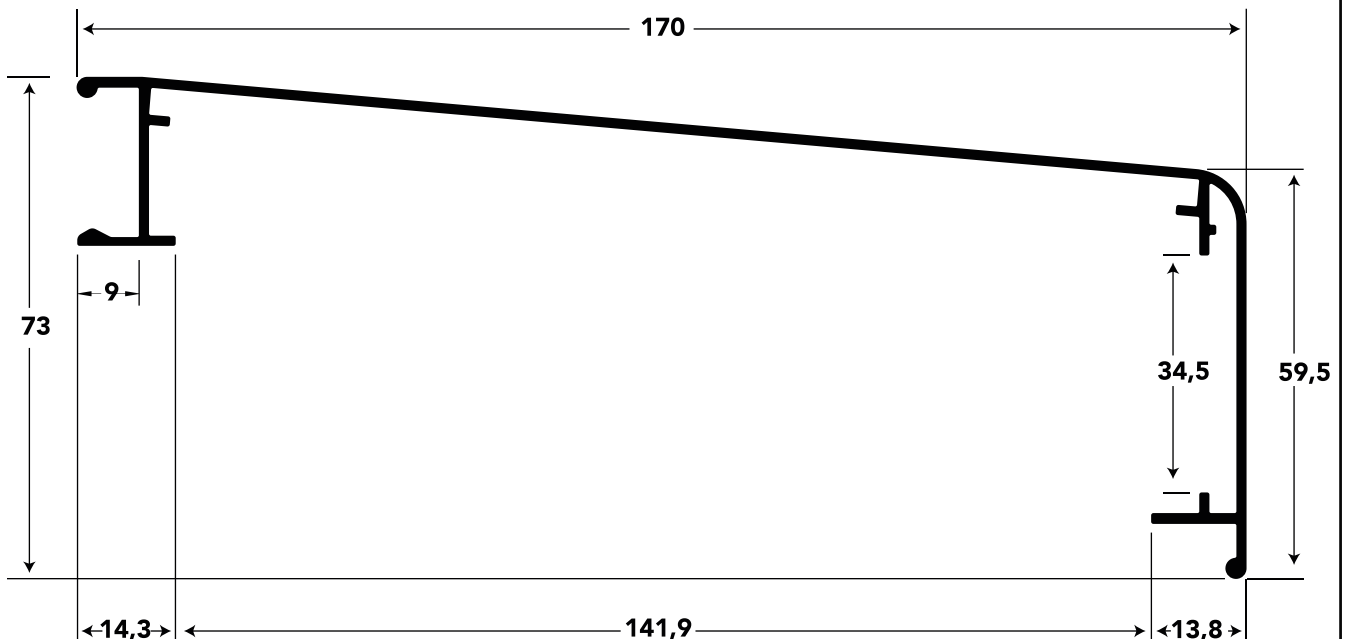
PA - 376
2,285 Kg/m

SC-2023

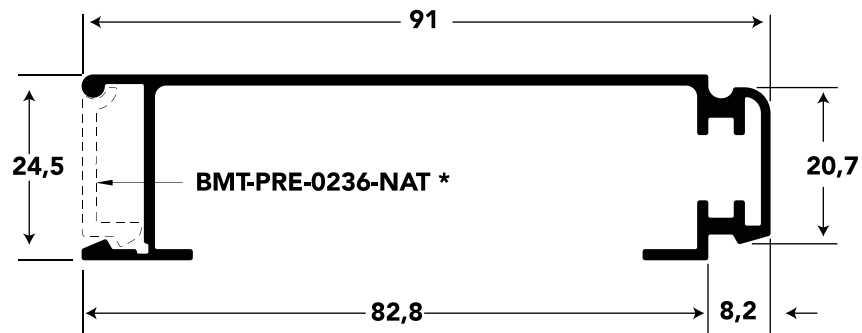


Jx	124,5454cm ⁴
Jy	72,0298cm ⁴
Wx	30,3769cm ³
Wy	12,0638cm ³

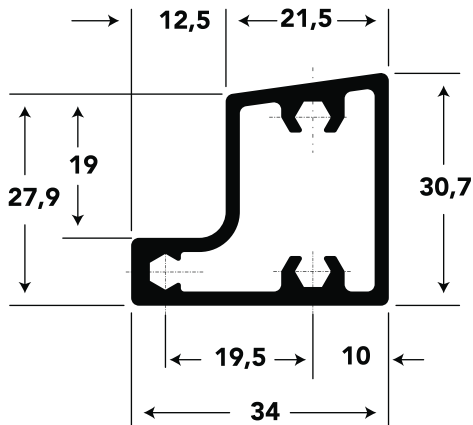
PA - 350
1,370 Kg/m



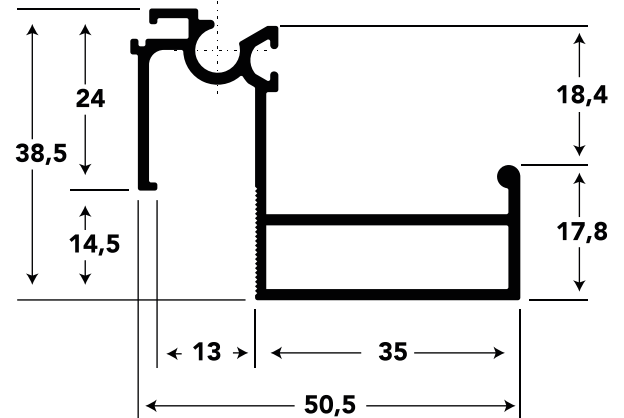
PA - 377
0,714 Kg/m



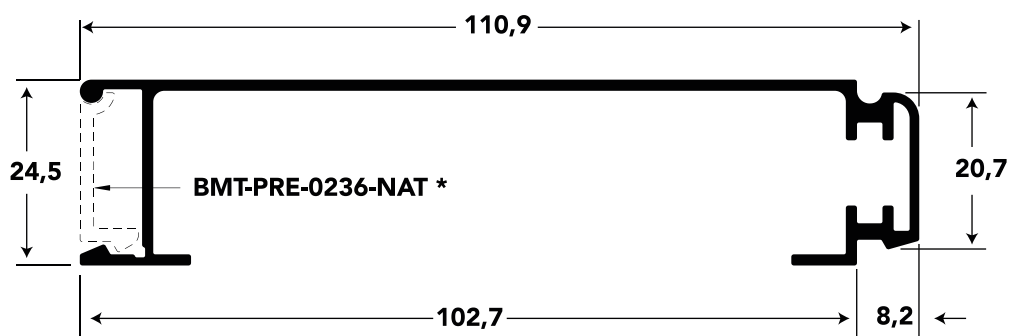
PA - 397
0,716 Kg/m



PA - 405
0,669 Kg/m



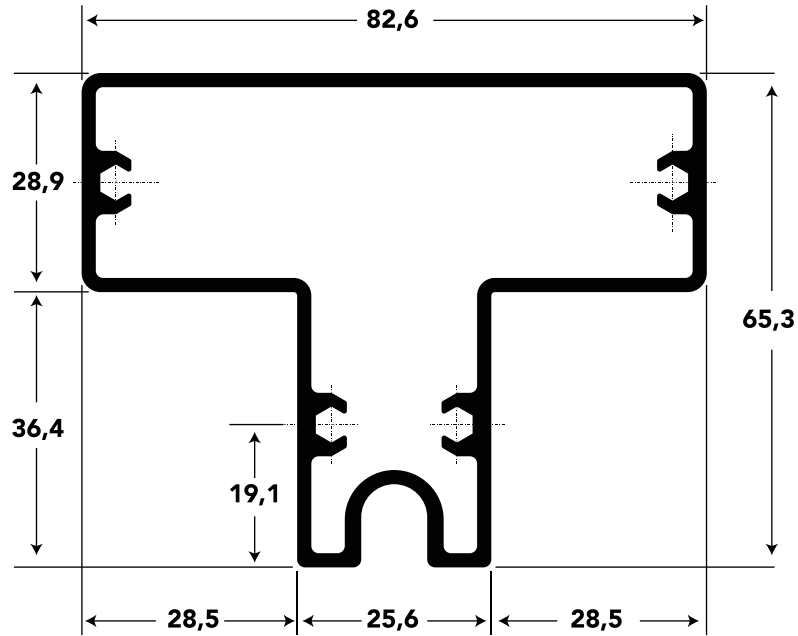
PA - 408
0,800 Kg/m



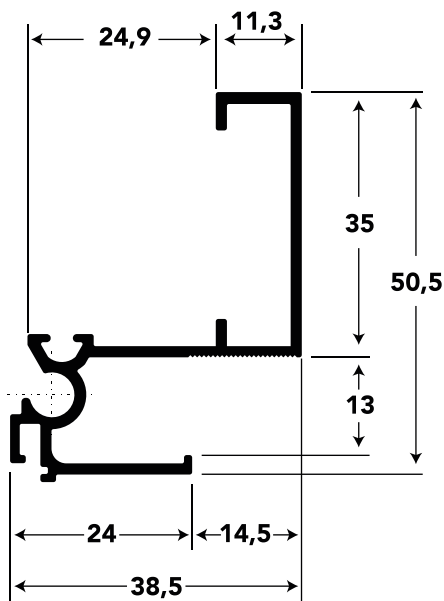
PA - 401
1,727 Kg/m

SC-2023

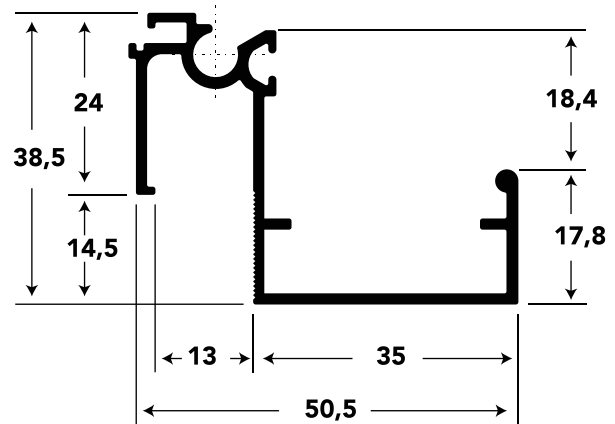
Jx	29,2319cm ⁴
Jy	39,5608cm ⁴
Wx	7,8070cm ³
Wy	9,5780cm ³



PA - 404
0,540 Kg/m

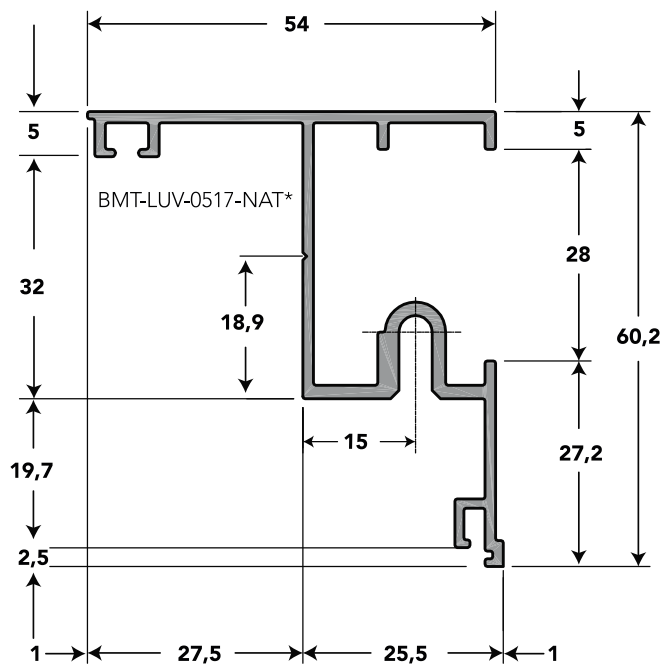


PA - 406
0,574 Kg/m



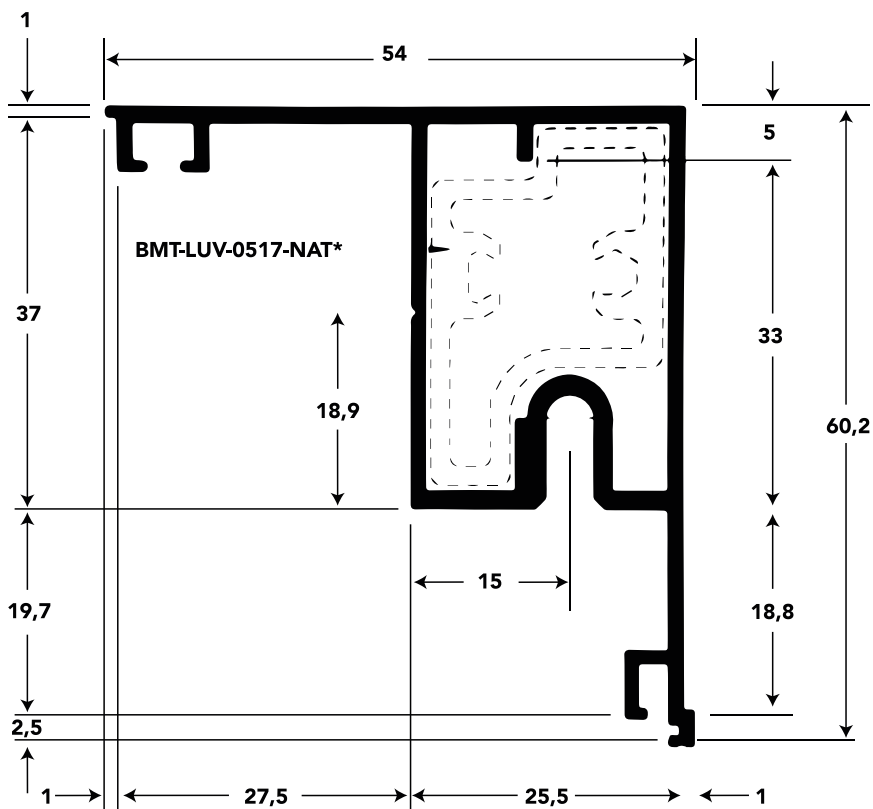
PA - 294 Marco para coluna com 38 mm
0,785 Kg/m

* Item fornecido separadamente



PA - 516 Marco para coluna com 38 mm
0,894 Kg/m

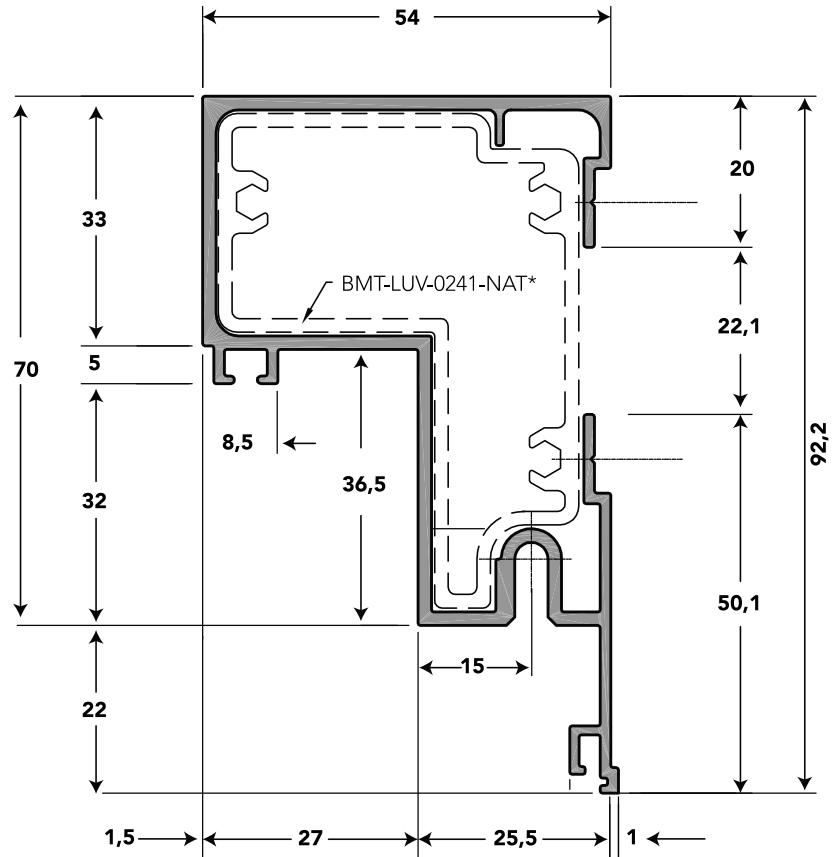
* Item fornecido separadamente



PA - 260
1,323 Kg/m

Marco para coluna com 70 mm

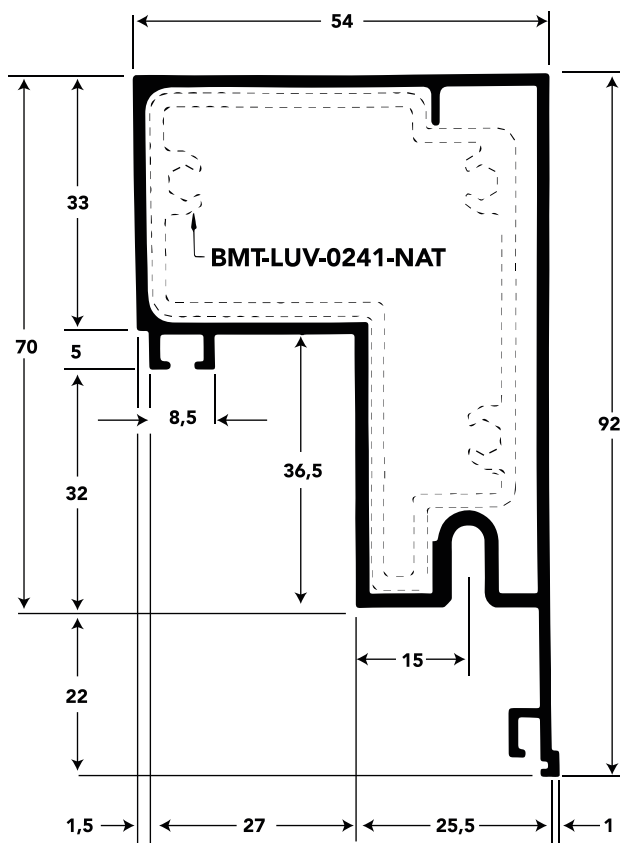
* Item fornecido separadamente



PA - 347
1,330 Kg/m

Marco para coluna com 70 mm

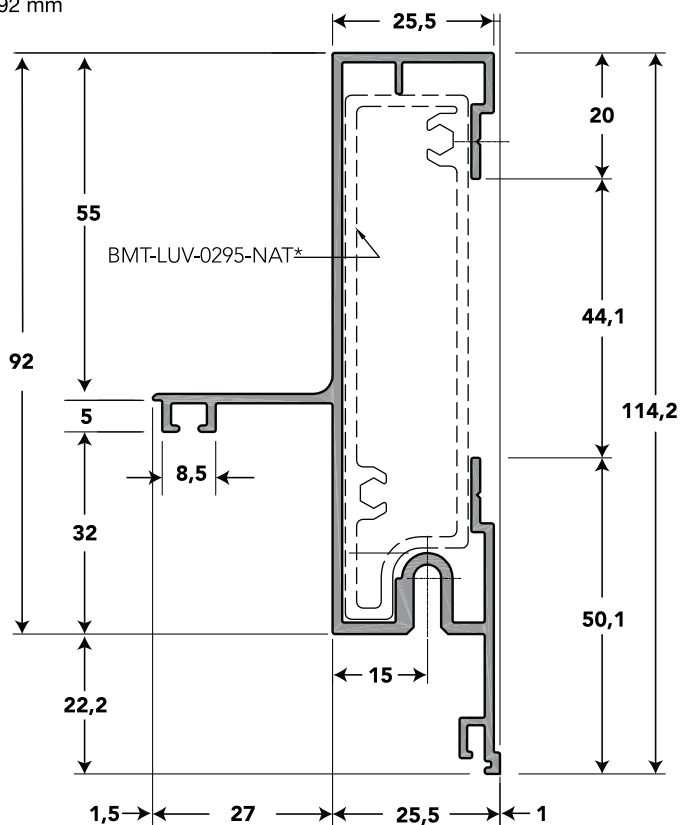
* Item fornecido separadamente



PA - 290
1,193 Kg/m

Marco para coluna com 92 mm

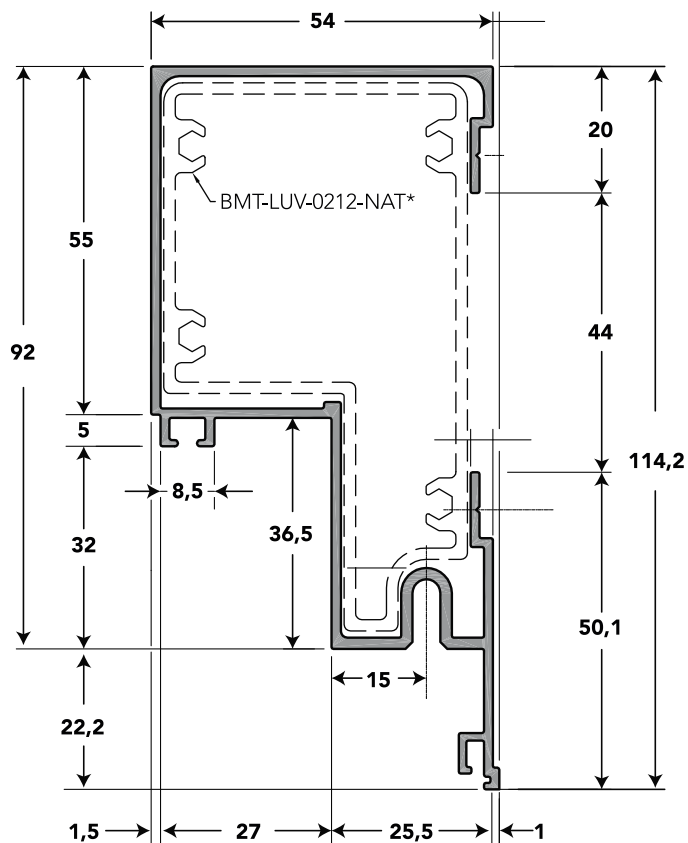
* Item fornecido separadamente



PA - 235
1,544 Kg/m

Marco para coluna com 92 mm

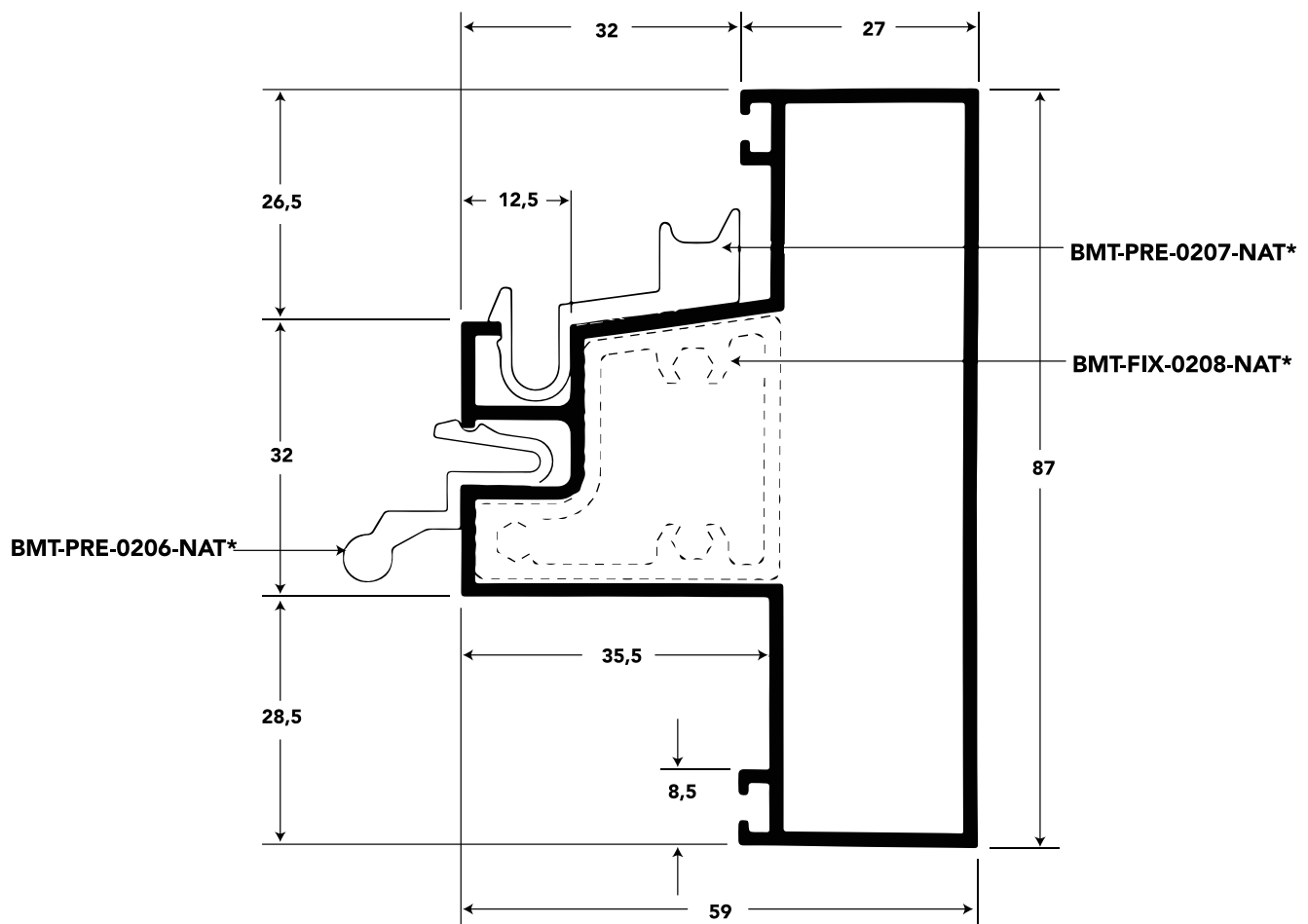
* Item fornecido separadamente



PA - 277 Travessa intermediaria
1,324 Kg/m

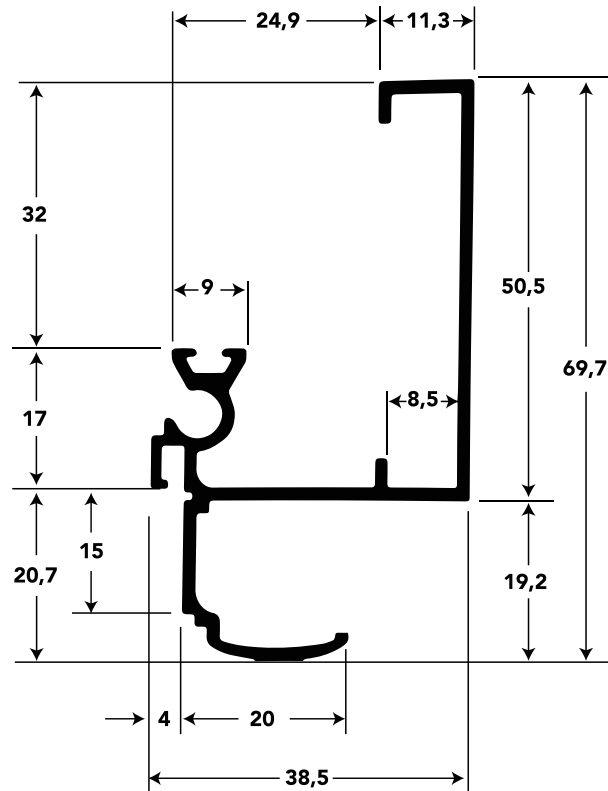
* Item fornecido separadamente

Jx	34,0163 cm⁴
Jy	19,4675 cm⁴
Wx	7,7840 cm³
Wy	5,6723 cm³



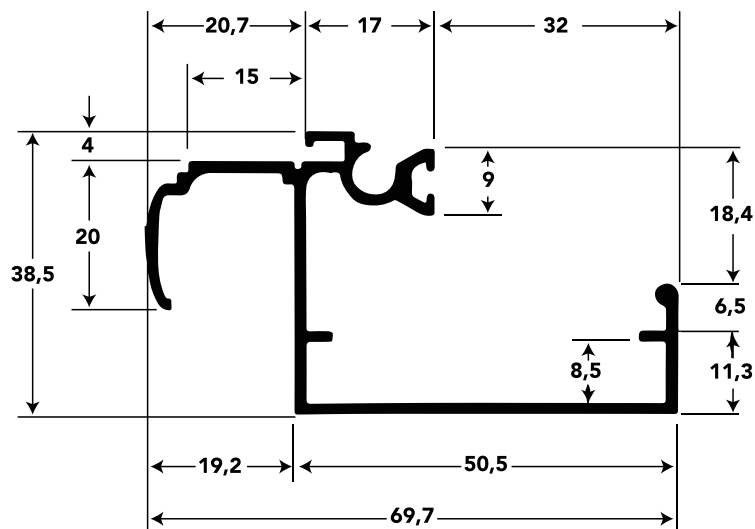
PA - 253 Montante da folha fixa - PV
0,712 Kg/m

* Item fornecido separadamente



PA - 254 Travessa superior e inferior da folha fixa - PV
0,747Kg/m

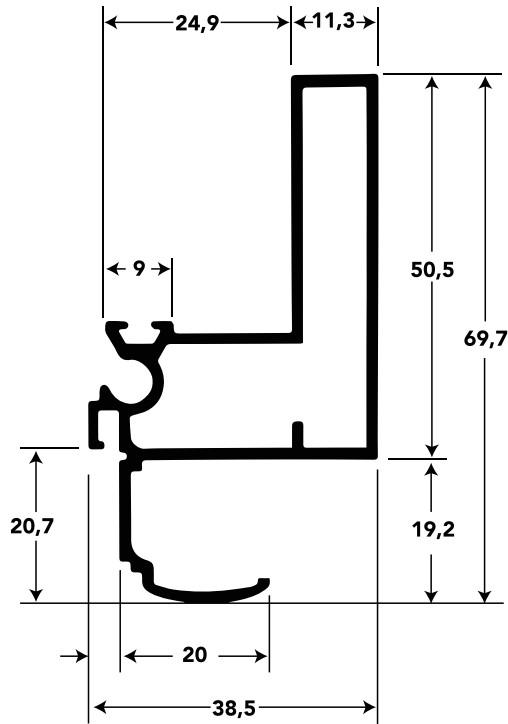
* Item fornecido separadamente



PA - 252
0,889 Kg/m

Montante da folha móvel - PV

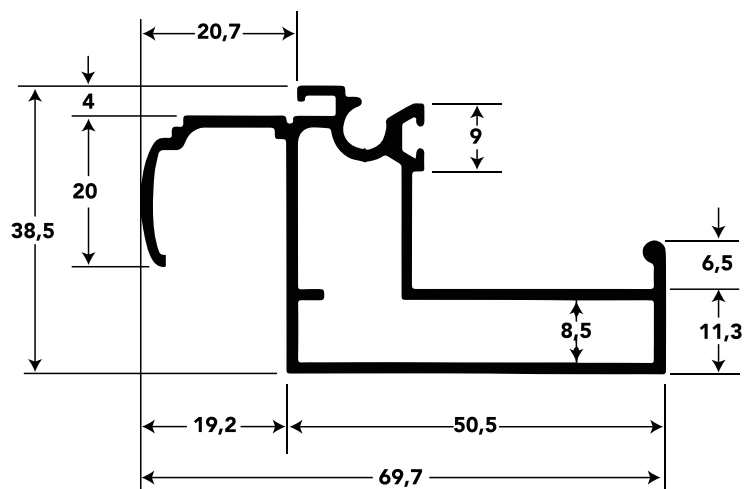
* Item fornecido separadamente



PA - 251
0,923Kg/m

Montante superior da folha móvel - PV

* Item fornecido separadamente

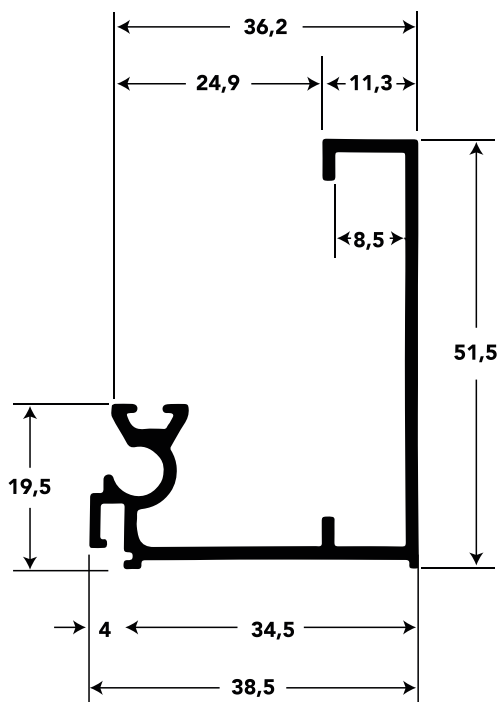


PA - 228

Montante da folha fixa - SG

0,568 Kg/m

* Item fornecido separadamente

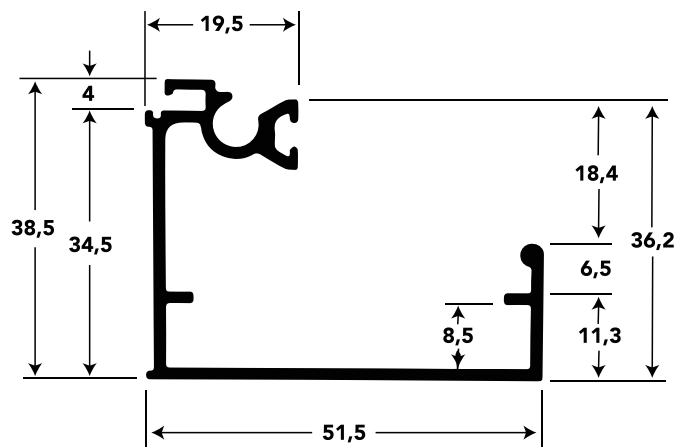


PA - 232

Montante superior e inferior da folha fixa - SG

0,603 Kg/m

* Item fornecido separadamente

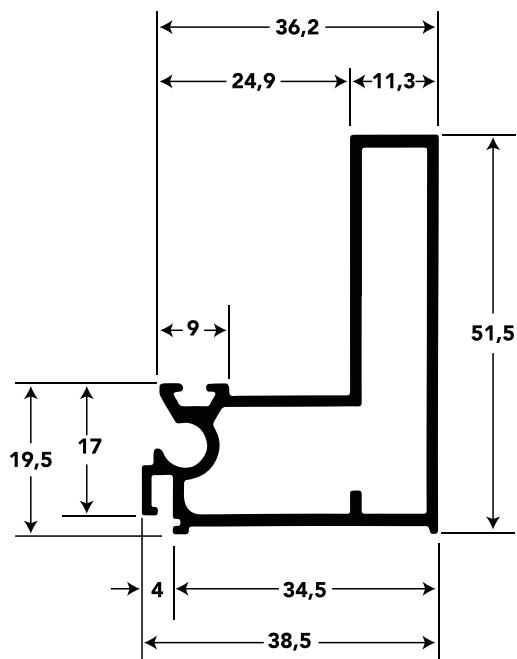


PA - 245

Montante da folha móvel - SG

0,742 Kg/m

* Item fornecido separadamente

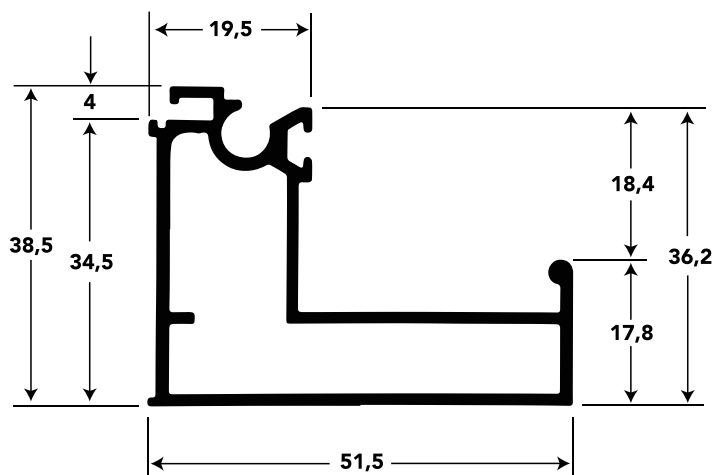


PA - 230

Montante superior da folha móvel - SG

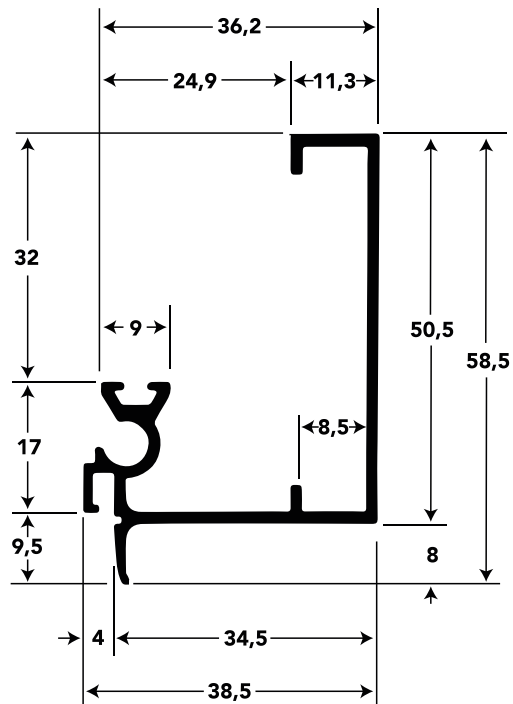
0,777 Kg/m

* Item fornecido separadamente



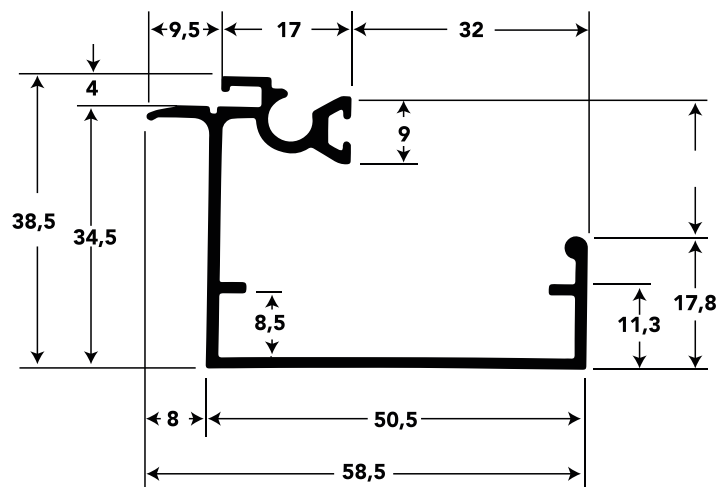
PA - 258 Montante da folha fixa - VHB
0,590 Kg/m

* Item fornecido separadamente



PA - 259 Travessa superior e inferior da folha fixa - VHB
0,624 Kg/m

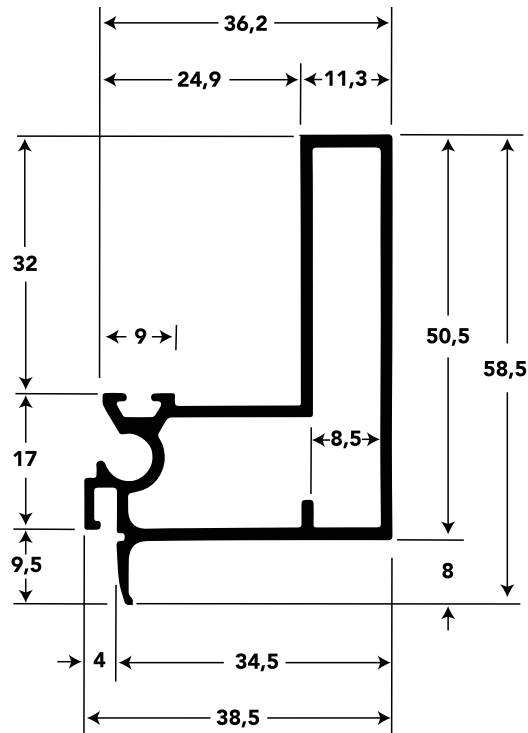
* Item fornecido separadamente



PA - 255
0,765 Kg/m

Montante da folha móvel - VHB

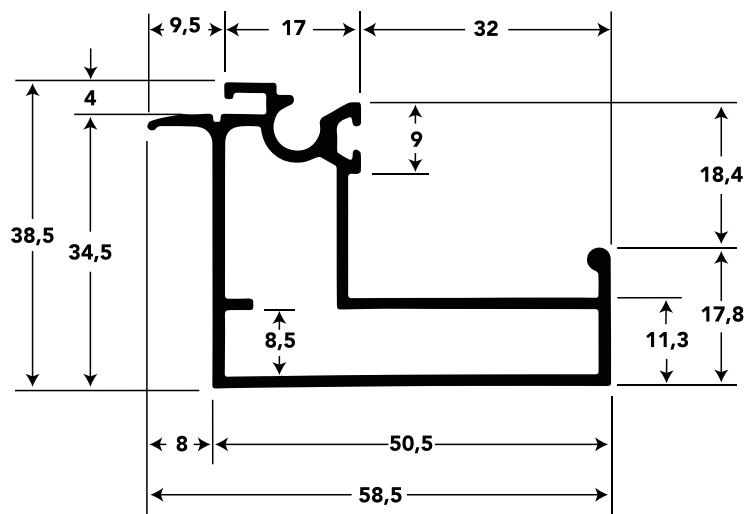
* Item fornecido separadamente



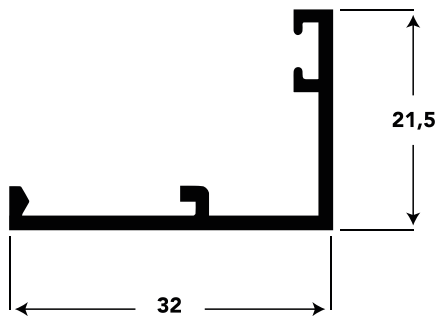
PA - 256
0,800 Kg/m

Travessa superior folha móvel - VHB

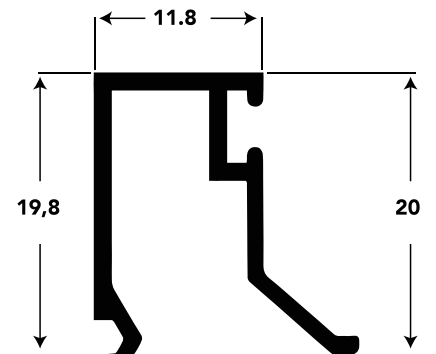
* Item fornecido separadamente



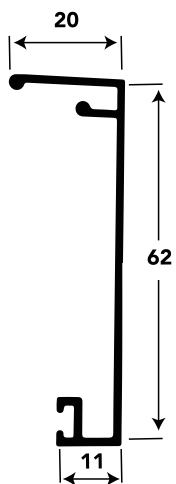
3210
0,240 Kg/m



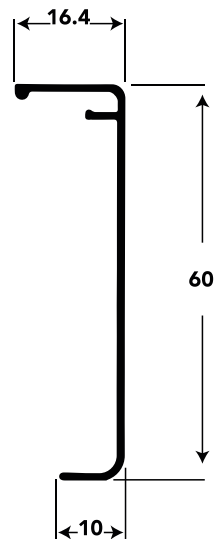
3211
0,165 Kg/m



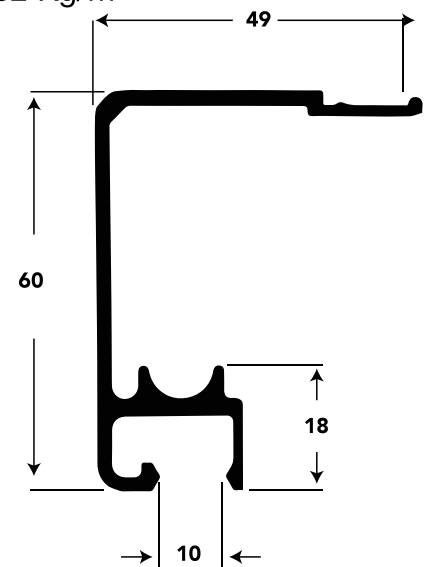
E-305
0,372 Kg/m



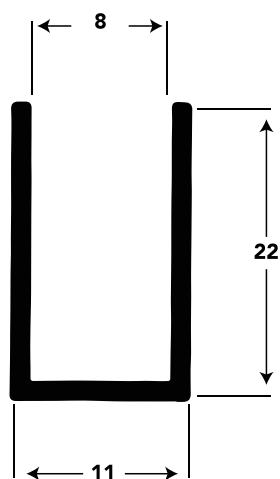
AL-52
0,283 Kg/m



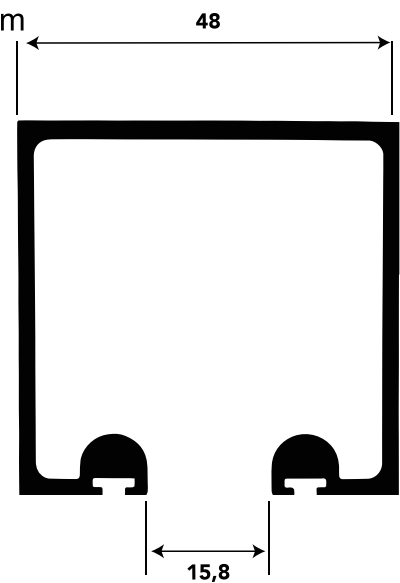
AL-51
0,832 Kg/m



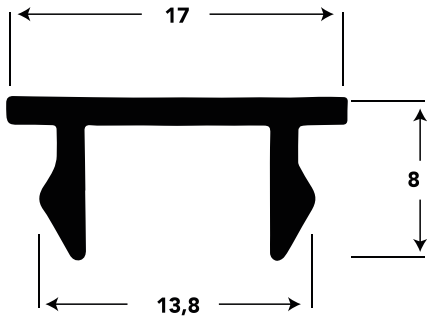
U-555B
0,144 Kg/m



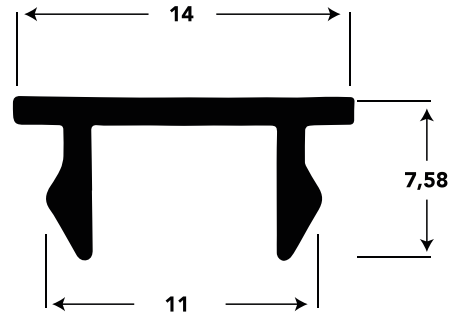
AL-68
0,246 Kg/m



U-491
0,097 Kg/m



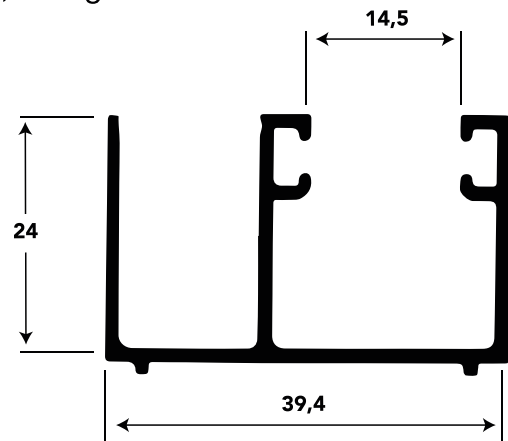
U-491B
0,103 Kg/m



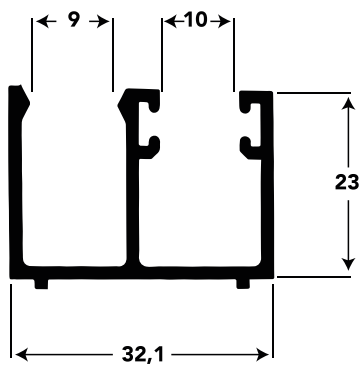
E-305B
0,247 Kg/m



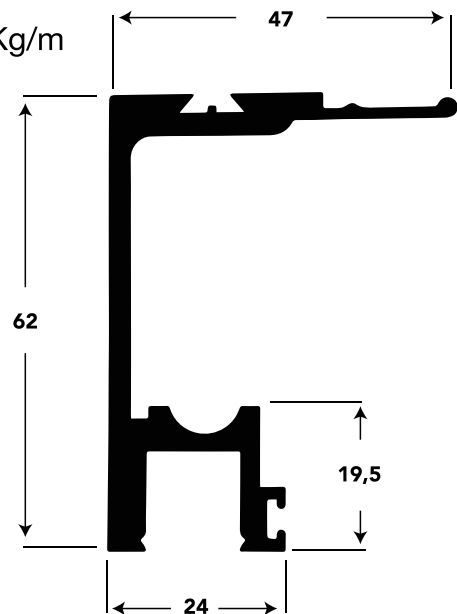
E-306
0,448Kg/m



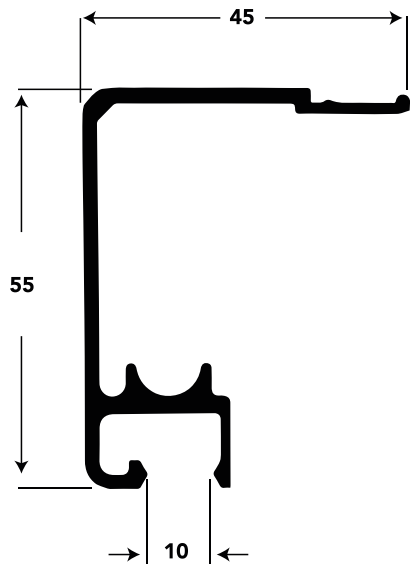
E-306B
0,347 Kg/m



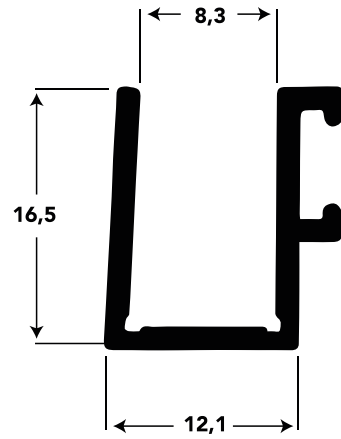
L-537
0,789 Kg/m



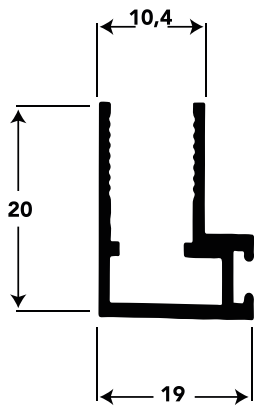
L-537B
0,789 Kg/m



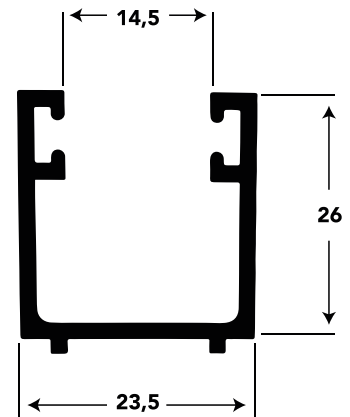
N-543
0,176 Kg/m



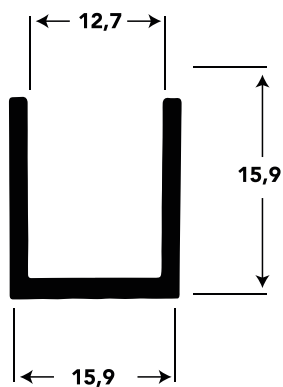
N-654
0,233 Kg/m



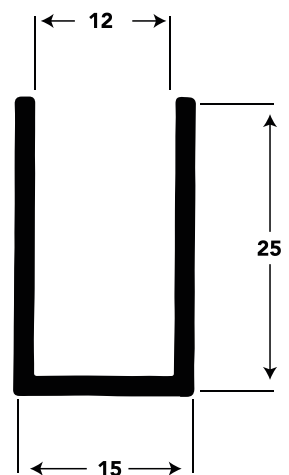
U-1108
0,360 Kg/m



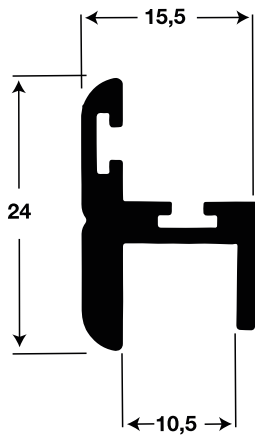
U-509
0,192 Kg/m



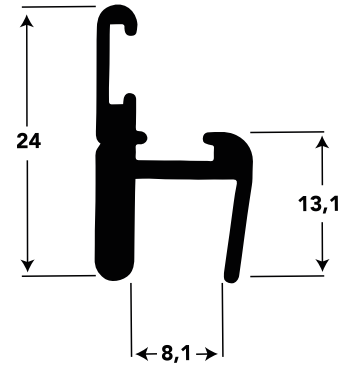
U-555
0,260 Kg/m



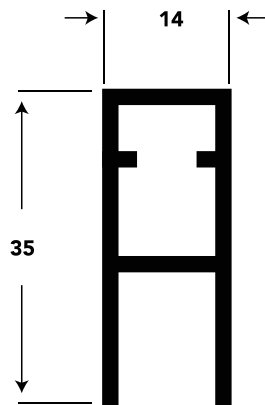
Y-343
0,097 Kg/m



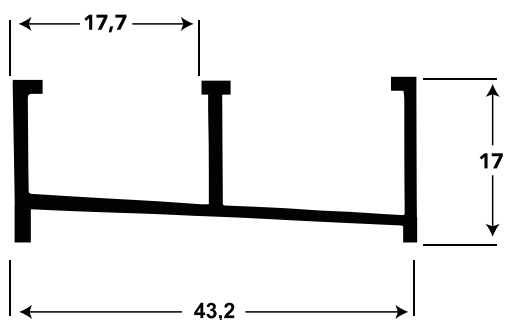
Y-343B
0,273 Kg/m



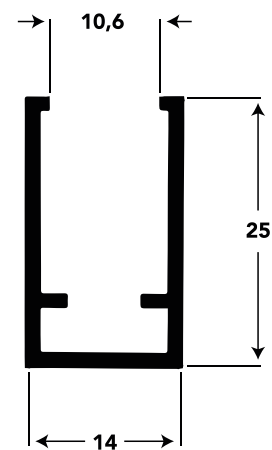
A-022
0,318 Kg/m



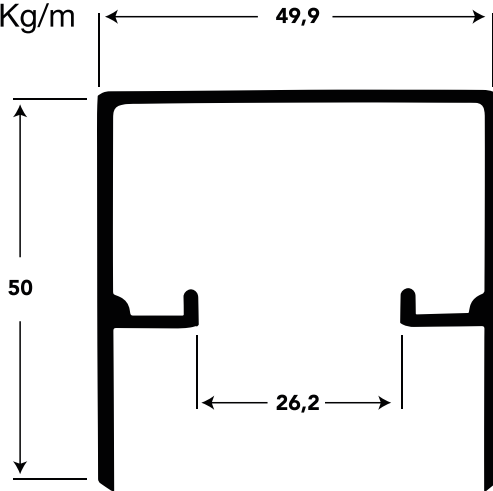
E-117
0,245 Kg/m



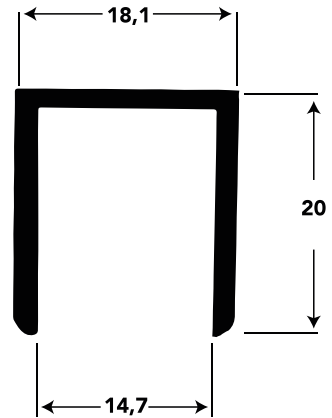
U-396
0,200 Kg/m



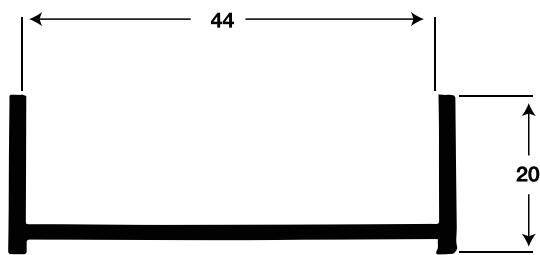
U-397
0,610 Kg/m



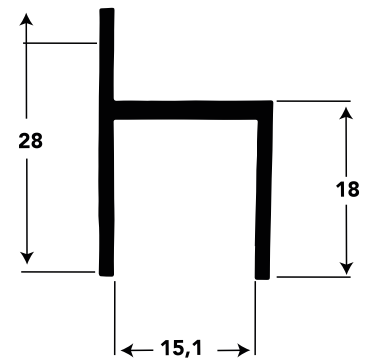
U-398
0,250 Kg/m



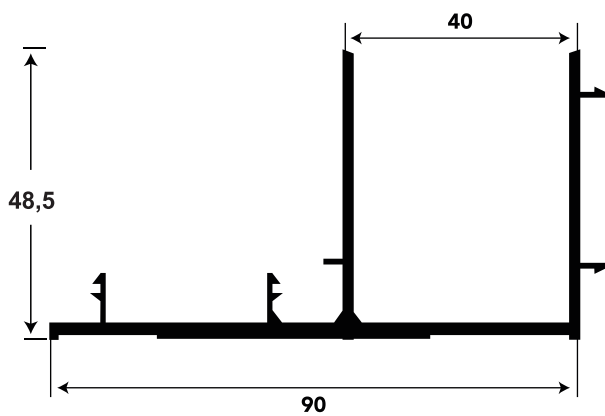
U-399
0,245 Kg/m



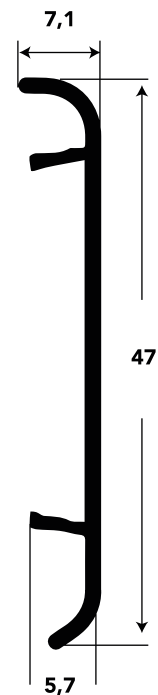
Y-107
0,231 Kg/m



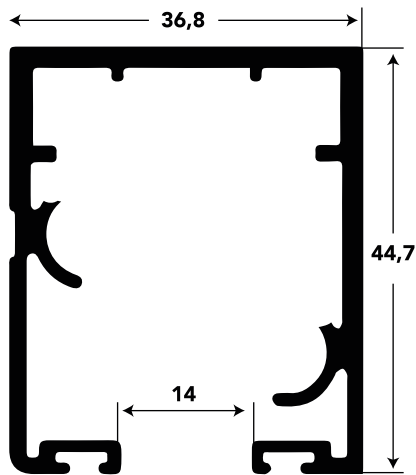
SA-155
1,107Kg/m



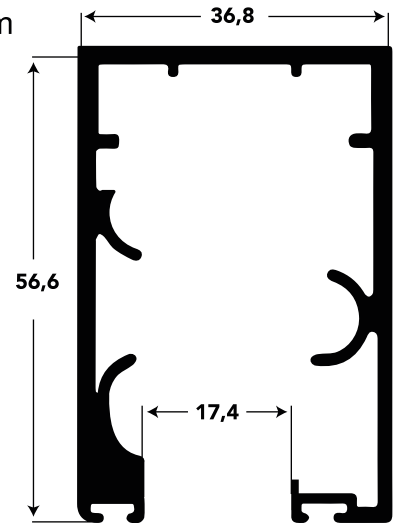
SA-161
0,187 Kg/m



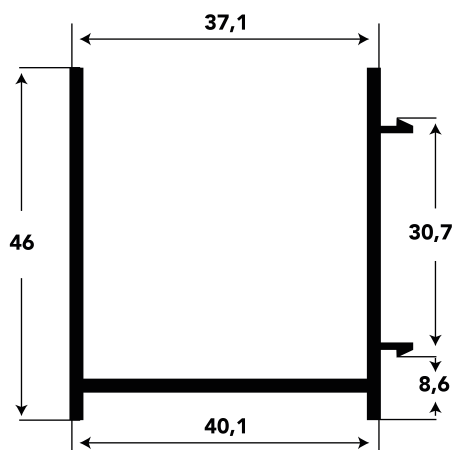
SA-157
0,954 Kg/m



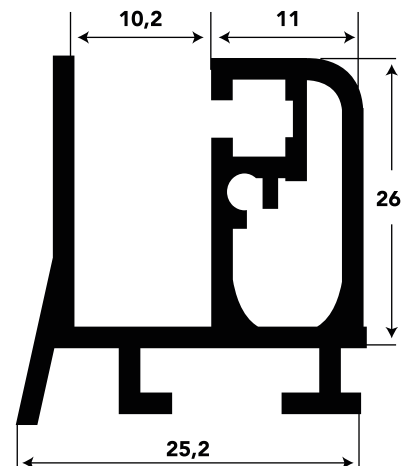
SA-158
1,244Kg/m



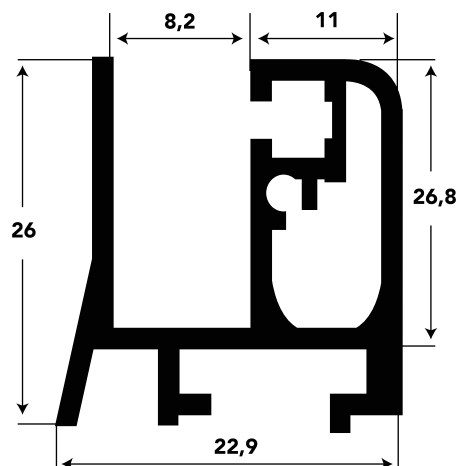
SA-156
0,564 Kg/m



SA-159
0,273 Kg/m



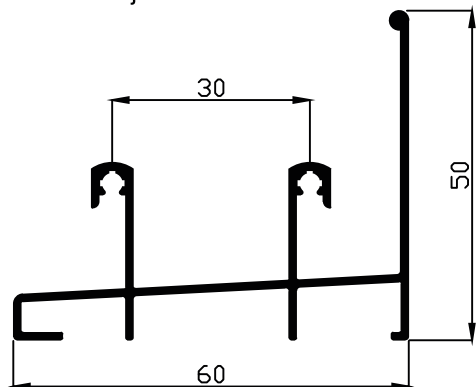
SA-160
0,458 Kg/m



X20-028

0,674 Kg/ml

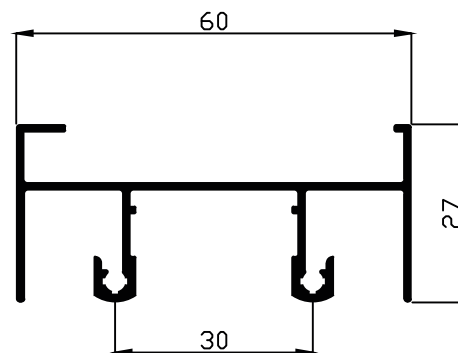
Trilho inferior janela de correr



X20-023

0,607 Kg/ml

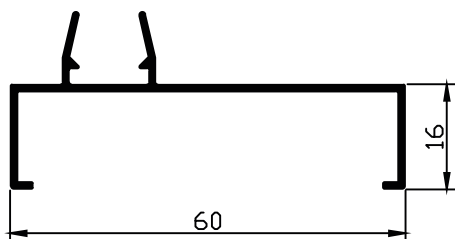
Trilho superior janela de correr



X20-024

0,381 Kg/ml

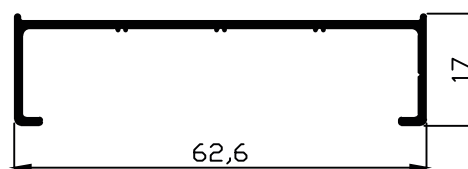
Marco lateral c/ mata junta janela de correr



X20-029

0,354 Kg/ml

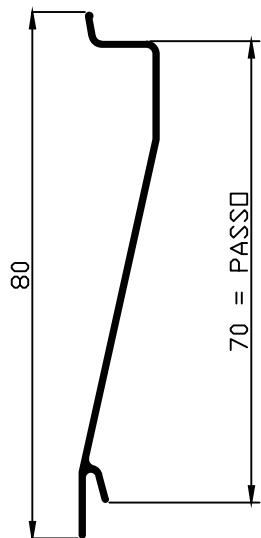
Marco lateral lisa janela de correr



X20-087

0,261 Kg/ml

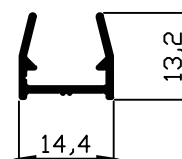
Veneziana



X20-074

0,137 Kg/ml

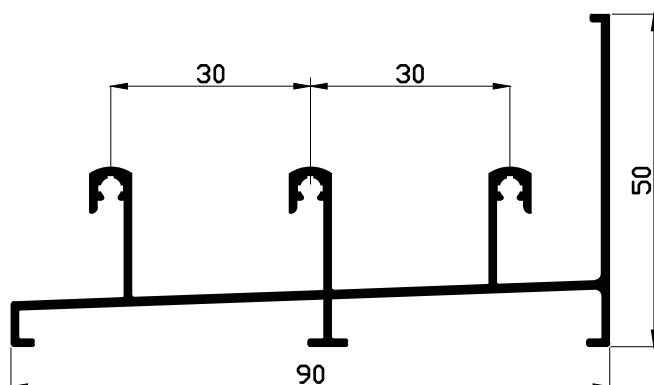
Mata junta para contra fecho



X20-035

0,890 Kg/ml

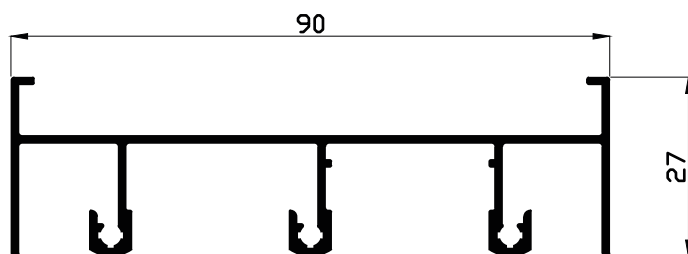
Trilho inferior
janela veneziana



X20-036

0,795 Kg/ml

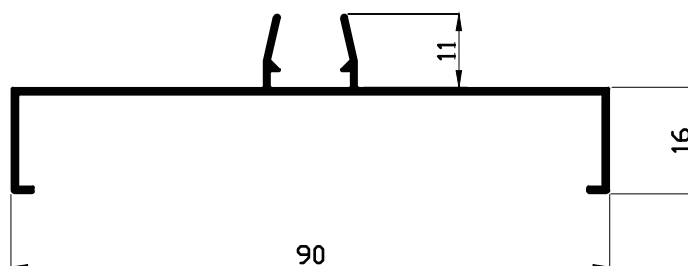
Trilho superior
janela veneziana



X20-038

0,478 Kg/ml

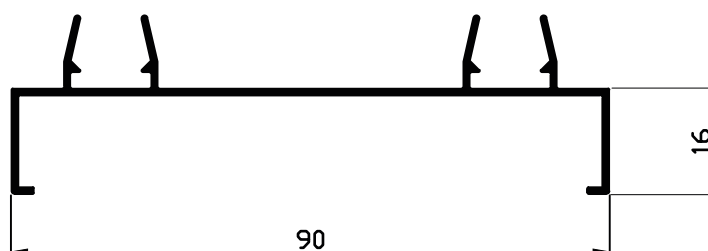
Marco lateral c/ mata junta
central janela veneziana



X20-037

0,554 Kg/ml

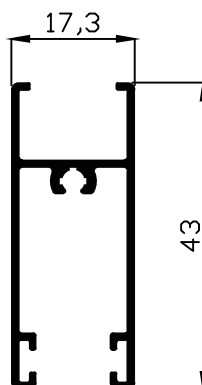
Marco lateral c/ mata junta
dupla da janela veneziana



X20-052

0,384 Kg/ml

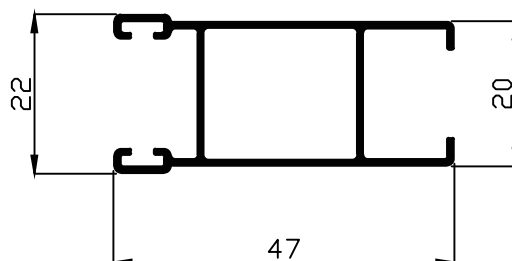
**Largura folha móvel
(duas escovas)**



X20-055

0,441 Kg/ml

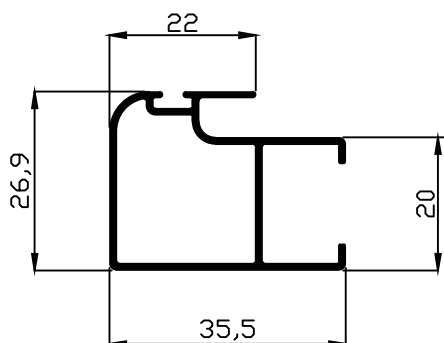
**Altura folha lateral
(duas escovas)**



X20-058

0,401 Kg/ml

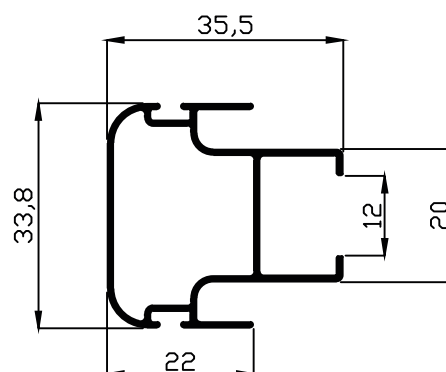
**Mão de amigo
(uma escova)**



X20-086

0,468 Kg/ml

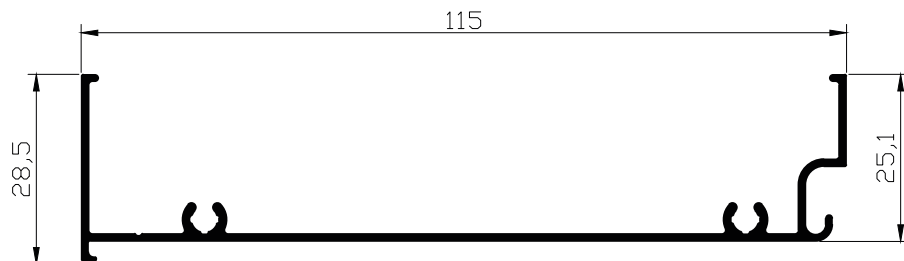
**Mão de amigo central
(duas escovas)**



X20-001

0,645 Kg/ml

Marco superior janela integrada



X20-004

0,488 Kg/ml

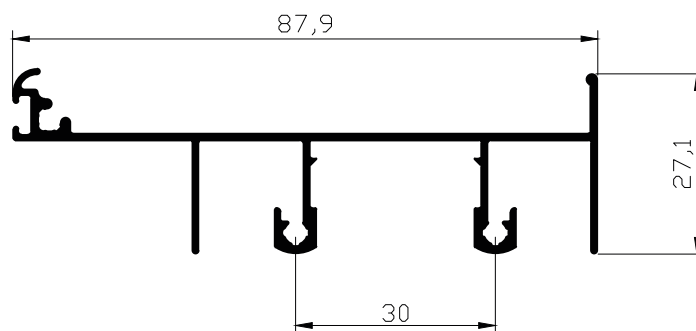
Marco lateral janela integrada



X20-002

0,691 Kg/ml

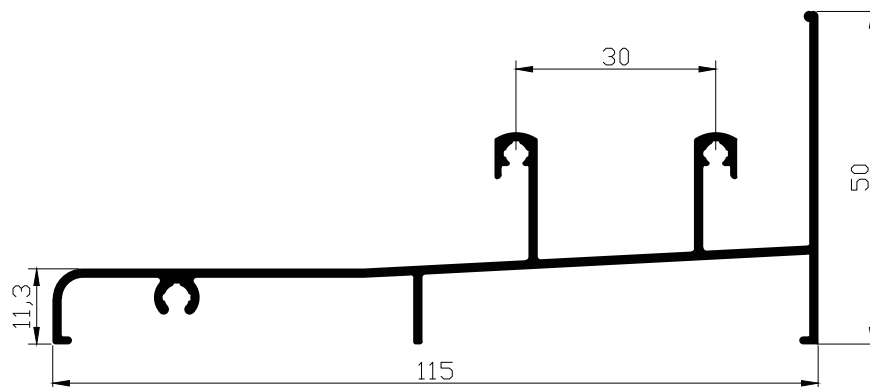
Travessa intermediária janela integrada (L-20)



X20-003

0,920 Kg/ml

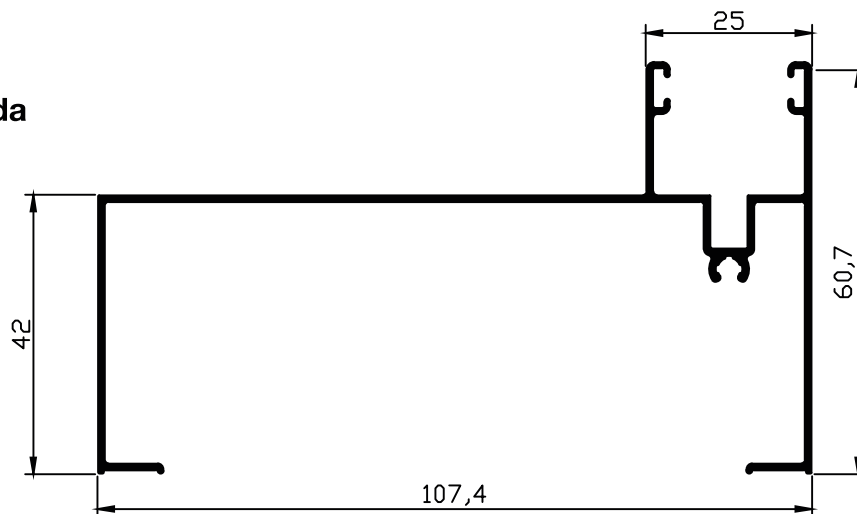
Trilho inferior da janela integrada (L-20)



X20-016

0,979 Kg/ml

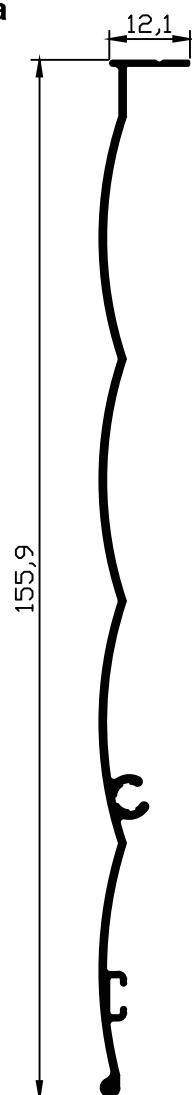
**Marco caixa
janela integrada**



X20-008

0,621 Kg/ml

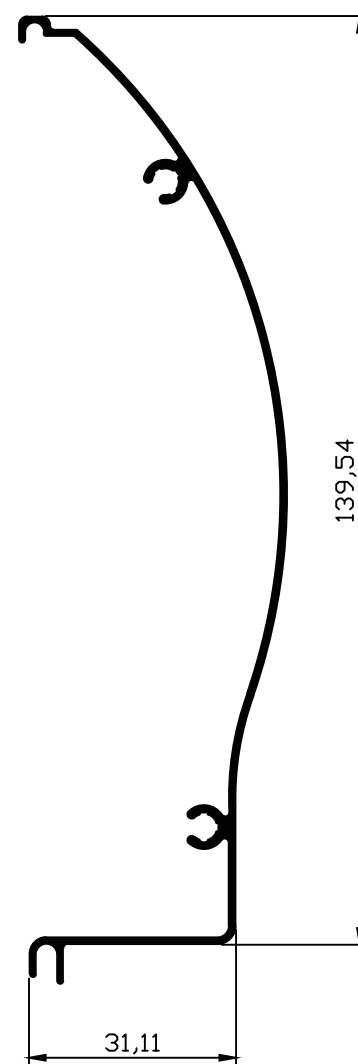
Tampa externa



X20-014

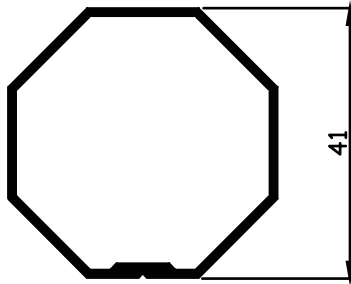
0,754 Kg/ml

Tampa interna



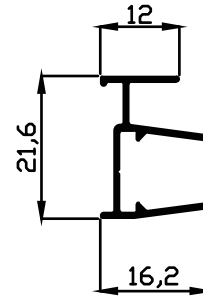
X20-238
0,521 Kg/ml

Tubo recolhedor persiana - 41 mm



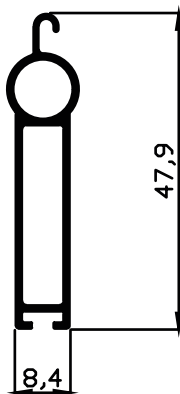
X20-291
0,175 Kg/ml

Mata junta com uma aba



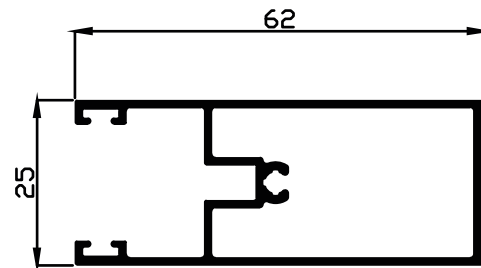
X20-N55
0,370 Kg/ml

Terminal persiana



X20-007
0,687 Kg/ml

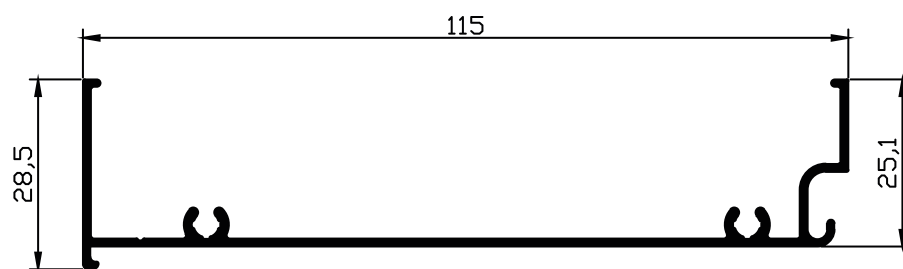
Guia lateral persiana



X20-001

0,645 Kg/ml

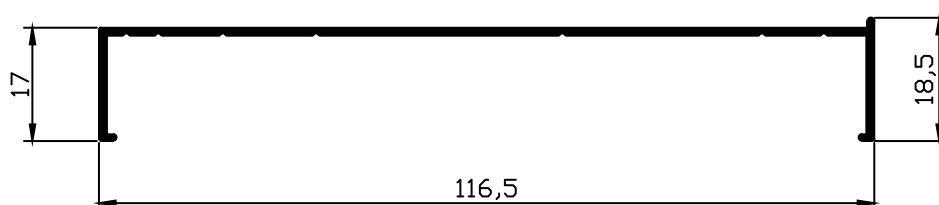
**Marco superior
janela integrada**



X20-004

0,488 Kg/ml

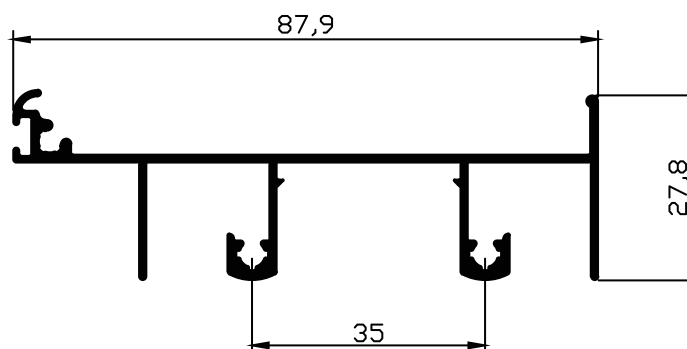
**Marco lateral
janela integrada**



X20-002S

0,721 Kg/ml

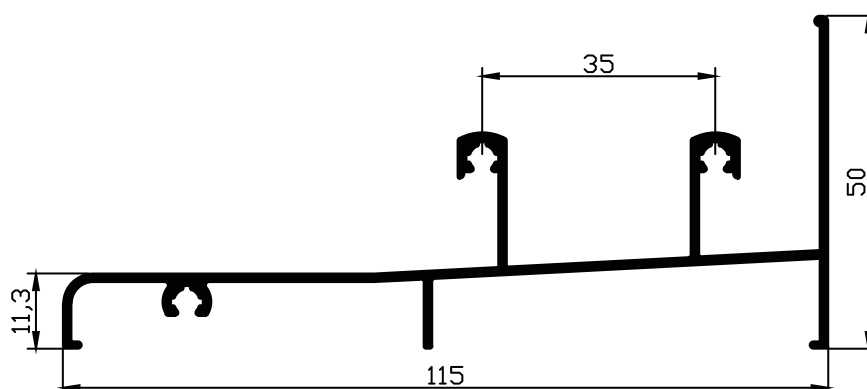
**Travessa intermediária
janela integrada (L-25)**



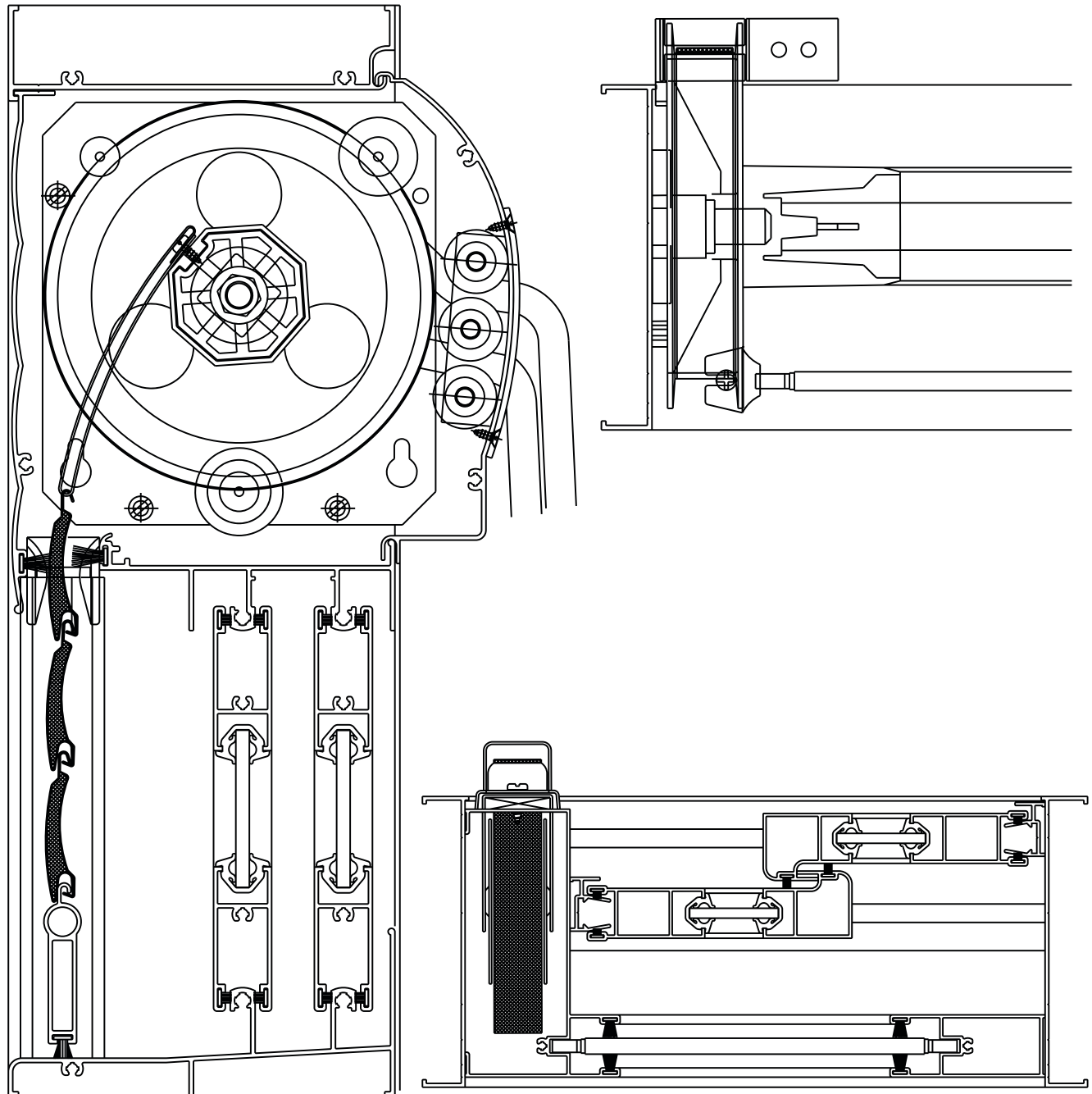
X20-003S

0,963 Kg/ml

**Trilho inferior
da janela
integrada
(L-25)**

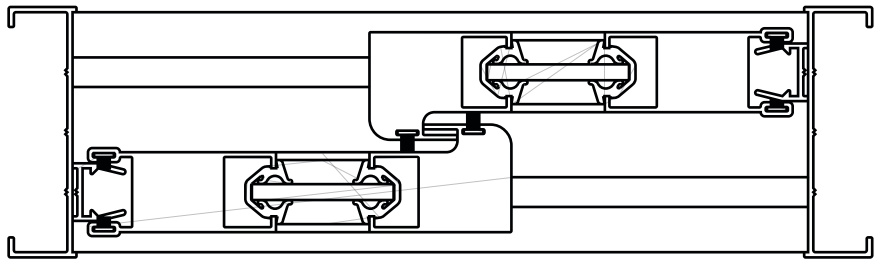
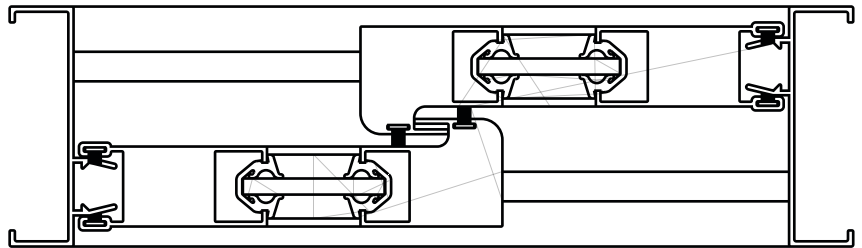
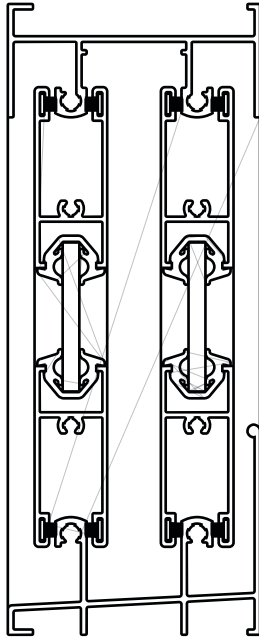


LINHA X-20
JANELA INTEGRADA

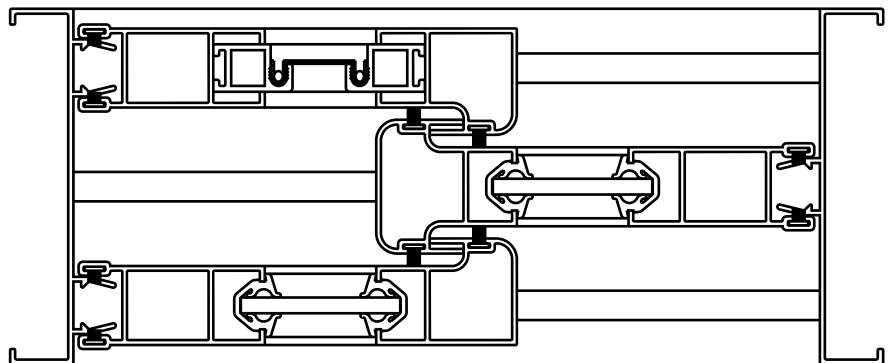
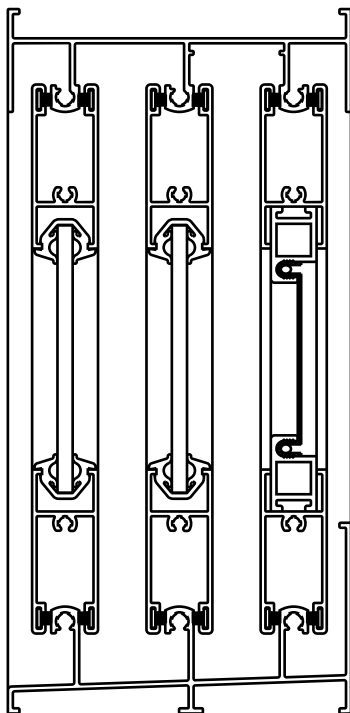


**LINHA X-20
JANELA 2 FOLHAS**

**JANELA COM 2 FOLHAS EM VIDRO
E VEDAÇÃO DOS MONTANTES E TRAVESSAS COM 2 ESCOVAS**

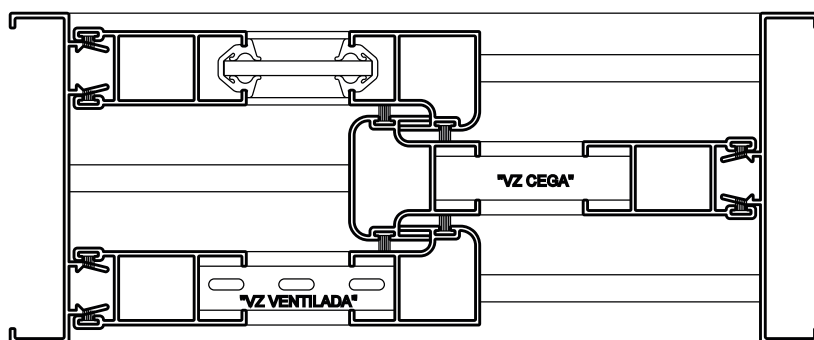
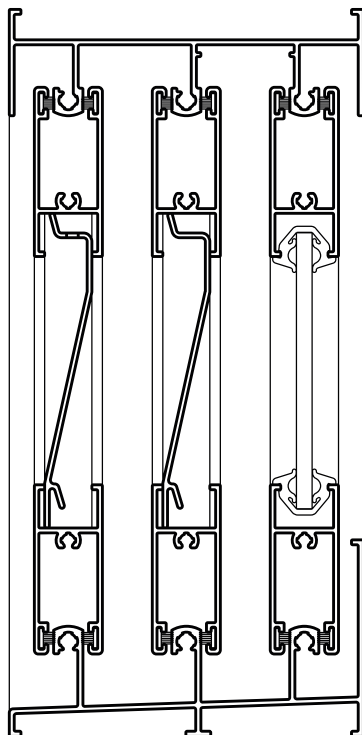


**JANELA COM 2 FOLHAS EM VIDRO - 1 EM TELA
E VEDAÇÃO DOS MONTANTES E TRAVESSAS COM 2 ESCOVAS**

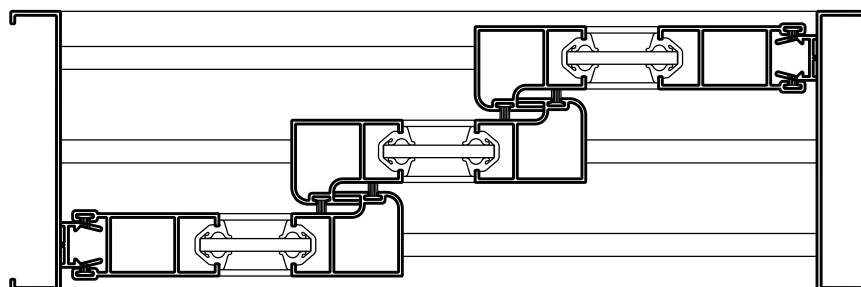
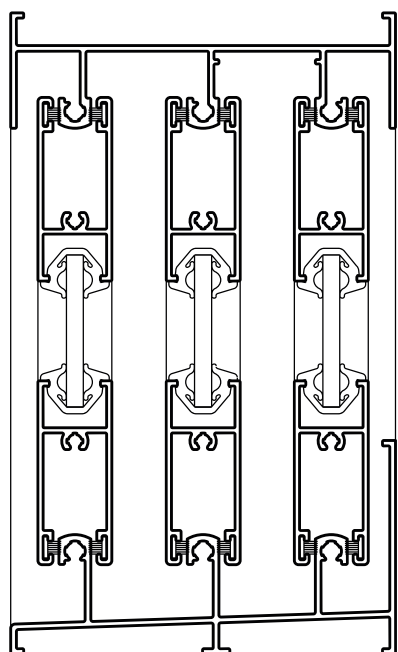


**LINHA X-20
JANELA 2 FOLHAS**

**JANELA COM 2 FOLHAS EM VENEZ. + 1 EM VIDRO
E VEDAÇÃO DOS MONTANTES E TRAVESSAS COM 2 ESCOVAS**

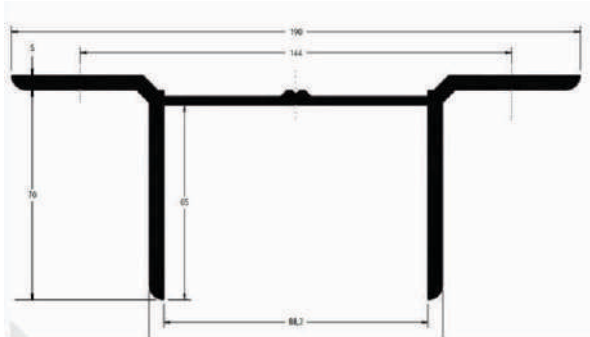


**LINHA X-20
JANELA 3 FOLHAS**



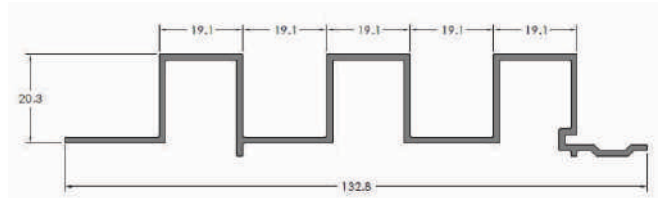
FA226

3.892 Kg/m



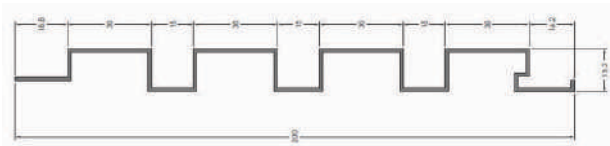
GS035

0,980 Kg/m)



GS040

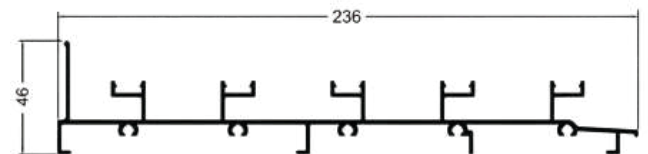
1,035 Kg/m)



LEX014

2.557 Kg/m

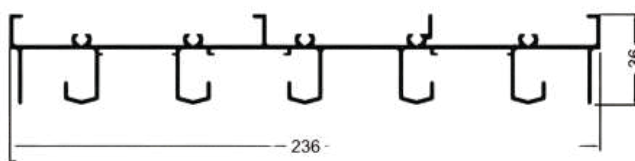
Marco inferior



LEX015

2.782 Kg/m

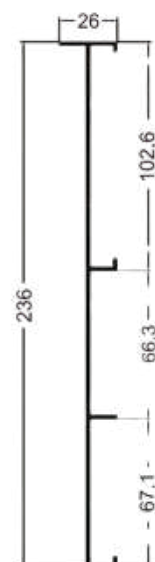
Marco superior



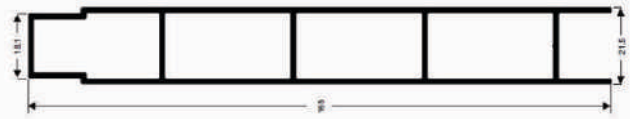
LEX016

1.472 Kg/m

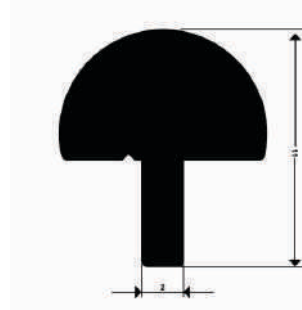
Marco lateral



PR001
1.719 Kg/m



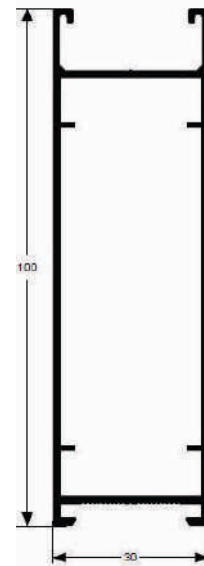
PR003
0,155 Kg/m



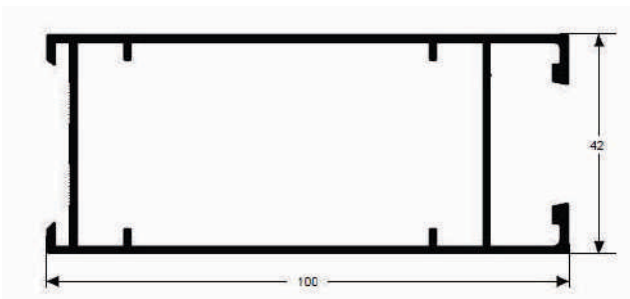
STL1176
1,946 Kg/m



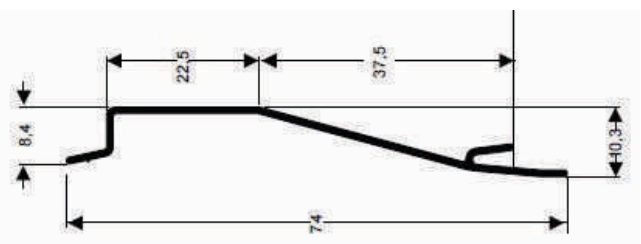
TMR1882
1,103 Kg/m



TMR2233
1,505 Kg/m



Z201
0,262 Kg/m



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