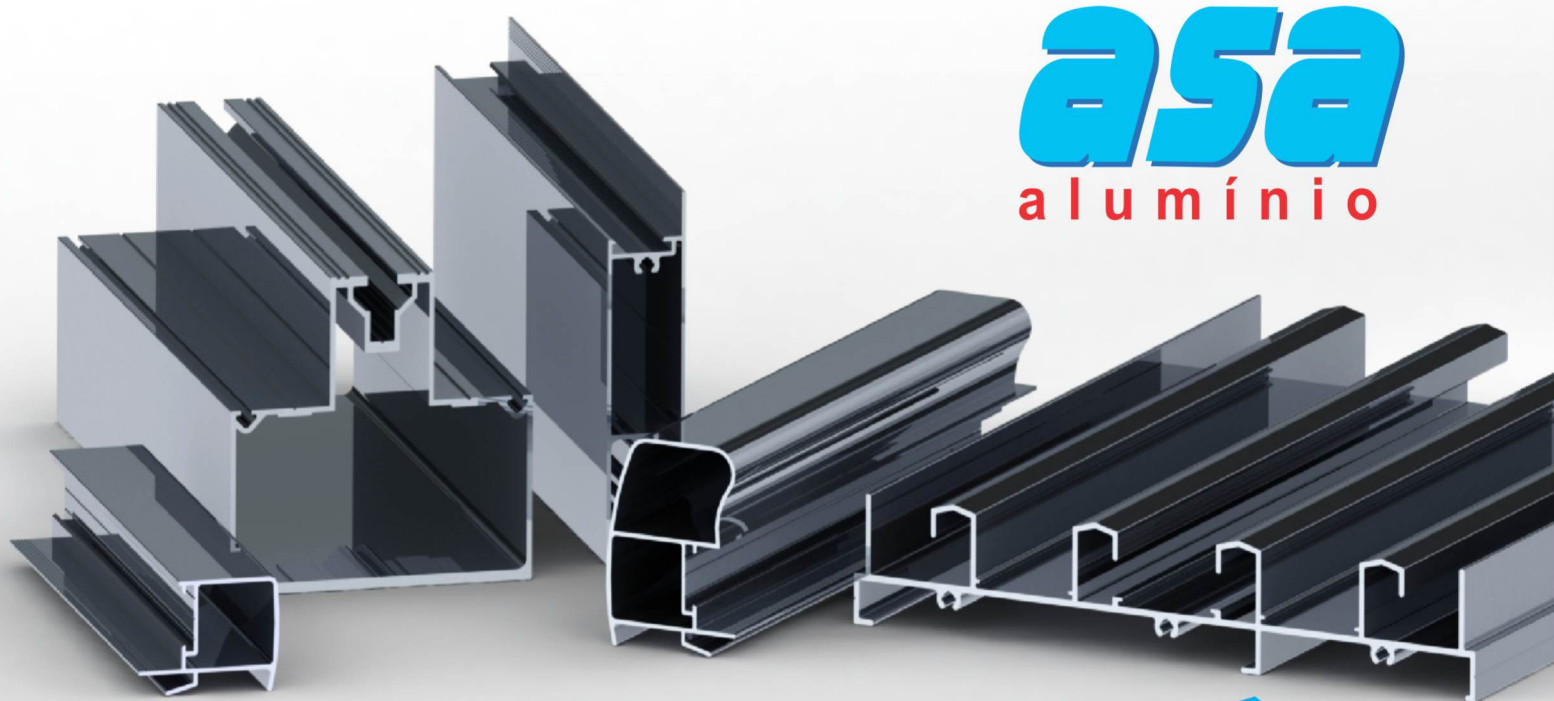


Catálogo Geral

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Mega 20

Mega 25

Mega 32



! IMPORTANTE:

A utilização de perfis de alumínio para aplicação em Esquadrias, fabricação de Janelas, Portas, Fachadas Pele de Vidro ou Glazing, Gradis, Guarda-Corpos, Box e demais produtos possíveis com os perfis e complementos, mesmo que não estejam contidos neste catálogo, requer conhecimento técnico adequado de profissionais experientes com conhecimento das normas técnicas brasileiras e domínio do processo de industrialização e instalação.

A Asa Alumínio S.A. não se responsabiliza pelo resultado dos trabalhos com perfis por ela comercializados, nem pelo uso inadequado, imperícia e ou inabilidade da aplicação.

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ASA ALUMÍNIO

www.asaaluminio.com.br



A Asa Alumínio é uma empresa atuante, em franca expansão e presente nos principais mercados do país. Com duas unidades industriais, a empresa está equipada com cinco prensas de alta performance e preparada para atender os mais altos níveis de qualidade, precisão dimensional e rigorosa exigência de perfis complexos e de grandes dimensões.

Toda uma estrutura técnica e comercial está à disposição para dar suporte, orientação e apoio para o desenvolvimento de sistemas construtivos para todas as aplicações da Construção Civil e Componentes Industriais.



19 **3227-1000**

19 **3727-2000**

Rua da Cerâmica, 100 São José
13051-156 Campinas - SP

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ÍNDICE DE PERFIS

This image shows a single page from a notebook or ledger. The page is white with light gray horizontal ruling lines spaced evenly apart. There are no vertical margin lines, and the page is completely blank except for the lines. The top edge of the page has rounded corners.

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
19-002	0,267	159	31-045	0,129	201	39-448	0,283	14
19-1041 D	0,540	152	31-066 C	0,089	202	39-463	0,266	82
19-1043 C	0,579	149	31-085 C	0,894	146	39-473	0,917	177
19-1044 C	0,531	154	39-025	0,358	198	39-484	0,435	141
19-1050 C	0,312	169	39-049	0,575	179	39-485	0,198	141
19-1060 C	0,127	169	39-050	0,608	184	39-487	0,738	184
19-186	0,890	149	39-051	0,541	184	39-491	0,718	178
19-248	1,020	151	39-065	0,184	14	39-492	0,261	199
19-344	0,226	172	39-077	0,179	200	39-493	0,735	199
19-375	0,959	151	39-081	0,775	157	39-498	0,636	147
19-424	0,277	173	39-1006	0,568	196	39-500	0,295	13
19-425	0,258	173	39-1009	0,209	14	39-528	0,323	83
19-505	0,723	150	39-1058	0,085	138	39-558	0,445	192
19-541	0,720	154	39-1058	0,085	165	39-563	0,204	193
19-552	0,252	84	39-1132 C	0,197	201	39-564	0,215	192
19-560	0,084	200	39-1134 C	0,470	155	39-565	0,919	164
19-575	0,892	151	39-118	0,293	12	39-566	0,744	164
19-621	0,147	141	39-119	0,414	13	39-582	0,309	200
19-629	0,221	159	39-126	0,245	12	39-588	0,217	134
19-650 C	0,692	150	39-1271 C	0,501	201	39-639	0,167	196
19-652 C	0,655	150	39-128	0,093	197	39-778	0,273	173
19-702 C	0,874	152	39-1325 C	0,231	201	39-811	3,386	144
19-703 C	0,645	152	39-1327 C	0,275	201	39-816	0,175	14
19-704 C	0,631	154	39-133	0,518	161	39-837	0,873	129
19-920 C	0,291	82	39-137	0,176	200	39-844	0,260	173
19-984 C	0,220	166	39-1381 C	0,072	202	39-848	0,195	193
20-173	0,228	193	39-1382 C	0,218	202	39-849	0,161	193
25-301	0,343	101	39-1383 C	0,118	202	39-850	0,465	193
25-308	0,453	101	39-139	0,362	171	39-851	0,504	193
25-311	0,332	101	39-143	0,170	200	39-894	0,211	194
25-313	0,383	101	39-158	0,282	171	39-895	0,200	194
25-314	0,364	101	39-1597 C	0,154	200	39-896	0,471	194
25-503	0,599	114	39-161	0,544	12	39-897	0,514	194
29-022	0,264	200	39-1822 E	4,349	145	39-898	0,170	194
29-027	0,803	197	39-206	0,594	191	39-933	0,179	101
29-040	0,203	191	39-2072 C	0,145	156	39-956	0,166	195
29-122	0,183	192	39-2073 C	0,219	155	39-957	0,264	197
29-145	0,514	161	39-2074 C	0,206	155	39-958	0,372	199
29-160	1,398	144	39-2107 C	0,318	161	39-959	0,137	200
29-175	0,231	194	39-2239 C	0,169	169	42-002	1,040	131
29-176	0,956	197	39-2240 C	0,385	199	42-014	0,369	133
29-194	0,819	197	39-2241 C	0,340	169	42-040	1,593	131
29-202	0,309	84	39-2250 C	0,070	169	42-999	0,985	133
29-241 C	0,593	201	39-255	0,615	196	44-018	0,389	192
29-317 C	0,290	155	39-307	0,174	170	44-024	0,242	173
29-371 C	0,644	199	39-318	0,933	147	44-025	0,582	173
29-372 C	0,245	199	39-335	0,217	201	44-026	0,412	172
29-383 C	0,198	156	39-336	0,055	202	44-031	0,636	173
31-042	0,186	172	39-341	0,392	13	44-032	0,213	193
31-044	0,138	201	39-392	3,939	182	44-035	0,223	194

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
50-018	0,263	155	78-1962 C	1,287	146	A-097	0,558	110
54-012	0,331	171	78-1966 D	1,347	165	A-139	1,011	114
60-012	0,227	192	78-2070 C	0,717	155	A-140	1,153	142
60-014	0,160	201	78-2083 C	1,460	166	A-144 A	0,670	128
65-241 D	1,316	148	78-2089 C	1,270	166	A-194	0,652	113
74-001	0,402	137	78-2185 C	0,683	137	A-195	0,686	113
74-029	0,761	137	78-2186 C	0,652	140	A-201	0,524	111
75-008	0,443	140	78-2226 C	0,555	143	A-202	0,609	111
78-001	0,824	138	78-2228 C	0,187	112	A-207	0,592	115
78-004	1,345	160	78-260	0,660	162	A-210	0,584	125
78-032	1,750	183	78-344	1,538	168	A-211	0,853	127
78-034	0,591	180	78-366	0,388	158	A-212	0,761	127
78-035	0,635	180	78-383	0,920	140	AP-069	0,681	98
78-043	0,631	180	78-384	0,882	140	AP-070	0,551	98
78-054	1,200	161	78-397	1,291	162	AP-300	0,367	97
78-081	0,646	140	78-433	1,684	159	AP-302	0,451	97
78-088	0,858	159	78-484	1,119	139	AP-303	0,474	97
78-095	0,647	172	78-518	0,400	134	AP-305	0,371	97
78-101	1,507	160	78-519	0,608	134	AP-309	0,438	97
78-1013	0,598	199	78-572	1,307	134	AP-312	0,351	101
78-1015	0,617	141	78-634	0,316	118	AP-321	0,479	97
78-1016	0,270	158	78-690	1,412	162	AP-332	0,536	99
78-1017	0,286	158	78-719	1,555	138	AP-336	0,497	98
78-1021	0,248	158	78-723	0,830	129	AP-352	0,208	96
78-1031	0,802	159	78-745	1,256	108	AP-354	0,983	99
78-1043 D	0,910	139	78-745	1,256	133	AP-357	0,652	96
78-1054 C	1,141	163	78-778	0,897	138	AP-358	0,630	96
78-1078 C	0,822	141	78-871	0,248	147	AP-359	0,385	95
78-1079 C	0,720	141	78-889	0,785	139	AP-360	0,453	96
78-1082 C	1,002	132	78-946	1,431	163	AP-361	1,075	96
78-1083 C	1,044	132	78-947	0,694	139	AP-366	0,897	95
78-1097 C	0,653	139	78-952	0,451	141	AP-367	0,823	95
78-1112	0,549	161	79-007 C	1,168	137	AP-368	0,746	95
78-1153 C	0,295	112	79-060 D	1,464	143	AP-369	0,590	95
78-1154 C	0,295	112	79-089 C	0,710	156	AP-370	0,633	96
78-1157 D	0,555	199	A-022	0,409	195	AP-374	0,539	97
78-1160 D	0,687	201	A-025	2,061	185	AP-378	0,367	97
78-124	1,670	160	A-026	0,750	126	AP-379	0,929	98
78-126	1,315	167	A-034	0,499	117	AP-380	0,840	99
78-1293 D	0,605	202	A-041 A	0,626	127	AP-404	0,795	96
78-137	0,926	139	A-047	0,555	114	AP-405	1,133	95
78-140	1,030	140	A-048	0,705	111	BAR-4024	0,240	192
78-1651 C	0,758	138	A-054	0,746	126	BAR-4037	0,389	16
78-1653 D	2,487	146	A-056	0,404	117	BG-035	0,119	99
78-1730 C	1,510	142	A-058	0,222	112	BG-202	0,107	99
78-1740 D	1,604	142	A-072	1,206	185	CA-005	0,790	16
78-1777 D	1,693	165	A-081 A	1,135	128	CA-006	1,008	16
78-1841 C	2,258	142	A-084	0,583	118	CA-010	0,231	16
78-1873 C	0,805	156	A-087	0,365	192	CA-011	0,315	16
78-1958 D	0,795	156	A-090	0,782	127	CA-013	0,134	15

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
CA-014	0,104	15	E-482	0,877	104	I-313	0,074	170
CA-028	0,554	11	E-483	1,183	106	L-213	0,670	170
CA-032	0,513	13	E-484	0,650	106	L-332	0,212	130
CA-060 A	0,223	12	E-485	1,708	123	L-366	0,283	125
CA-063 A	0,175	12	E-486	1,538	123	L-383	0,253	116
CA-093	0,766	15	E-491	1,061	121	L-387	0,219	116
CA-096	0,394	13	E-504	0,156	14	L-392	0,084	170
CA-098	0,377	13	E-512 A	0,433	198	L-418	0,230	111
CA-113	0,468	11	E-512 A	0,435	198	L-460	0,127	170
CA-125	0,531	11	F-043	0,124	171	L-468	1,590	16
CA-126	0,477	11	F-049	0,128	171	L-488	0,163	171
CA-129	0,493	11	FC-017	1,705	186	L-498	0,306	111
CA-151	0,333	12	FC-075	1,750	177	L-518	0,355	125
CA-204	0,327	11	FC-085	0,280	181	L-519	0,291	129
CA-207	0,360	15	FC-170	0,543	184	L-579	1,090	16
CA-209	0,361	15	FC-202	1,801	177	L-690	0,141	170
CA-517	0,531	11	FC-208	0,786	180	L-713 A	0,970	198
CA-709	0,520	11	FC-222	0,757	179	L-713 A	1,278	198
CA-721 A	0,188	12	FC-225	0,639	178	L-715	0,281	115
D-053	1,300	168	FC-227	0,675	179	LB-038	0,970	149
D-054	0,835	167	FC-228	0,570	180	M32-110	1,274	87
D-055	0,578	157	FC-229	0,464	181	MG20-101	0,637	19
D-056	0,333	158	FC-231	1,074	179	MG20-102	0,641	19
D-069	0,950	137	FC-232	1,433	177	MG20-104	0,388	19
D-070	0,256	158	FC-233	3,392	181	MG20-105	0,893	19
D-078	0,795	138	FC-234	0,344	181	MG20-106	0,893	19
D-079	0,564	137	FC-243	1,109	178	MG20-107	0,332	19
D-080	0,525	158	FC-254	0,639	181	MG20-110	0,862	20
D-081	0,643	157	FC-261	0,563	180	MG20-111	0,883	20
D-082	0,349	158	FC-293	0,683	179	MG20-113	0,670	20
D-095	0,544	162	FC-301	0,101	181	MG20-114	0,559	20
D-102	0,625	137	FC-360	0,960	178	MG20-115	0,584	19
D-103	0,786	137	FC-419	0,484	185	MG20-116	0,805	20
D-199	0,796	159	FC-542	0,350	186	MG20-117	0,791	22
E-117	0,334	195	FC-543	0,430	186	MG20-118	0,758	22
E-150	0,276	124	FC-544	0,380	185	MG20-119	1,033	22
E-168	0,236	171	I-083	0,320	195	MG20-120	0,564	22
E-186	1,027	102	I-090	0,312	118	MG20-121	1,072	22
E-252	0,152	171	I-102	0,448	125	MG20-122	0,432	23
E-256	0,290	191	I-103	0,126	170	MG20-123	0,394	23
E-276	1,225	107	I-105	0,259	111	MG20-124	0,433	23
E-277	0,504	105	I-117	0,446	118	MG20-125	0,474	23
E-293	1,449	107	I-122	0,508	110	MG20-126	0,681	21
E-294	1,156	119	I-151	0,173	171	MG20-127	0,659	21
E-306	0,404	198	I-154	0,306	191	MG20-128	0,439	23
E-363	1,051	147	I-154 A	0,212	191	MG20-129	0,422	23
E-364	0,458	147	I-185	0,084	170	MG20-130	0,419	23
E-365	0,656	147	I-186	0,090	170	MG20-131	0,682	23
E-445	0,235	170	I-307	0,488	111	MG20-132	0,454	24
E-463	0,157	171	I-308	0,488	111	MG20-133	0,491	24

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
MG20-134	0,472	24	MG25-031	1,231	32	MG25-242	0,674	44
MG20-135	0,733	25	MG25-032	1,116	34	MG25-243	0,636	45
MG20-136	0,688	25	MG25-033	0,718	35	MG25-244	0,699	43
MG20-137	0,434	24	MG25-039	0,554	43	MG25-245	0,636	43
MG20-138	0,722	24	MG25-040	0,482	45	MG25-246	0,645	37
MG20-139	0,527	24	MG25-041	0,532	44	MG25-247	1,015	37
MG20-140	0,114	24	MG25-042	0,589	44	MG25-266	0,945	38
MG20-141	0,112	24	MG25-043	0,947	45	MG25-272	0,434	30
MG20-142	0,125	24	MG25-044	0,957	45	MG25-289	1,040	45
MG20-144	0,703	21	MG25-047	1,040	45	MG25-290	1,078	44
MG20-145	0,748	25	MG25-048	1,037	42	MG25-292	0,214	47
MG20-146	0,445	25	MG25-049	0,907	44	MG25-360	0,984	90
MG20-147	0,568	25	MG25-050	0,923	37	MG25-370	1,108	48
MG20-148	0,550	25	MG25-053	0,478	37	MG25-380	0,794	52
MG20-149	0,506	25	MG25-055	0,545	43	MG25-390	1,291	50
MG20-150	0,944	21	MG25-056	0,538	42	MG25-400	0,845	52
MG20-151	0,991	25	MG25-057	0,632	42	MG25-420	1,207	51
MG20-152	0,250	23	MG25-068	0,574	43	MG25-430	0,948	49
MG20-153	0,300	23	MG25-069	0,613	44	MG25-440	0,912	51
MG20-154	0,547	24	MG25-070	0,559	44	MG25-450	1,332	90
MG20-155	0,113	24	MG25-079	0,333	46	MG25-500	0,544	40
MG20-156	0,440	23	MG25-080	0,362	46	MG25-501	0,460	41
MG20-157	0,670	21	MG25-081	0,420	46	MG25-502	0,490	41
MG20-158	0,911	20	MG25-082	0,389	46	MG25-503	0,525	41
MG20-462	0,462	19	MG25-083	0,144	47	MG25-504	0,745	41
MG2-159	1,342	61	MG25-085	0,506	46	MG25-505	0,757	41
MG25-001	0,773	29	MG25-086	0,592	46	MG25-506	0,303	39
MG25-002	0,710	29	MG25-093	0,280	46	MG25-507	0,383	39
MG25-003	0,542	43	MG25-094	0,362	46	MG25-508	0,810	48
MG25-004	0,525	29	MG25-097	0,399	46	MG25-509	0,843	49
MG25-005	1,106	29	MG25-098	0,399	46	MG25-510	1,085	50
MG25-006	0,999	30	MG25-099	0,228	47	MG25-511	0,578	52
MG25-007	0,386	30	MG25-103	0,156	47	MG25-513	1,075	51
MG25-008	0,245	39	MG25-107	0,269	30	MG25-514	0,741	92
MG25-009	0,907	31	MG25-108	0,145	47	MG25-515	0,857	85
MG25-010	1,029	32	MG25-111	0,634	39	MG25-516	0,724	85
MG25-011	0,960	33	MG25-121	1,585	35	MG25-517	1,062	86
MG25-012	0,539	36	MG25-122	1,509	35	MG25-518	0,885	86
MG25-013	0,767	43	MG25-123	0,917	35	MG25-519	1,090	36
MG25-014	0,671	43	MG25-1230	0,110	47	MG25-520	1,976	34
MG25-015	0,918	32	MG25-186	0,496	38	MG25-521	1,036	42
MG25-016	0,841	34	MG25-187	0,534	38	MG25-522	1,048	42
MG25-017	0,727	29	MG25-188	0,586	38	MG25-523	0,881	49
MG25-018	0,749	29	MG25-192	0,554	40	MG25-524	0,887	48
MG25-019	0,999	33	MG25-200	0,440	46	MG25-525	1,163	50
MG25-026	0,876	31	MG25-225	0,926	37	MG25-526	0,660	52
MG25-027	0,824	31	MG25-227	0,574	38	MG25-527	1,070	42
MG25-028	0,497	31	MG25-228	0,718	30	MG25-578	0,707	30
MG25-029	0,647	31	MG25-230	0,976	33	MG25-690	1,006	88
MG25-030	0,541	31	MG25-241	0,733	39	MG25-710	0,753	88

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
MG25-720	1,016	41	MG32-044	0,719	92	MG32-102	1,399	75
MG25-730	0,802	40	MG32-046	0,430	92	MG32-103	0,682	74
MG25-782	0,279	46	MG32-047	1,112	69	MG32-104	0,868	74
MG25-783	0,565	39	MG32-048	1,721	91	MG32-105	1,180	74
MG25-784	0,555	39	MG32-049	0,812	58	MG32-106	0,969	60
MG25-785	0,500	40	MG32-051	0,549	76	MG32-107	1,714	58
MG25-786	0,535	40	MG32-052	0,318	62	MG32-108	1,148	60
MG25-787	0,513	40	MG32-053	1,649	72	MG32-109	0,922	87
MG25-788	0,599	40	MG32-054	1,666	72	MG32-111	0,282	61
MG25-789	0,774	40	MG32-055	1,570	72	MG32-112	0,815	71
MG25-790	0,971	38	MG32-056	1,574	72	MG32-113	1,050	75
MG25-791	0,553	36	MG32-057	0,147	77	MG32-114	0,143	77
MG25-792	0,710	36	MG32-058	0,746	61	MG32-115	0,135	77
MG25-793	0,840	36	MG32-059	1,553	59	MG32-116	0,750	76
MG25-795	0,125	47	MG32-060	1,017	60	MG32-117	0,383	69
MG25-796	0,847	41	MG32-061	1,332	62	MG32-118	1,285	68
MG25-797	0,107	47	MG32-062	0,270	92	MG32-119	0,172	61
MG25-798	0,283	39	MG32-063	0,489	92	MG32-157	0,533	76
MG25-799	0,554	38	MG32-065	2,213	66	MG32-158	0,756	76
MG25-800	0,456	38	MG32-066	2,070	66	MG32-160	1,578	68
MG25-801	0,565	39	MG32-067	1,199	65	MG32-173	0,766	58
MG32-001	1,230	55	MG32-068	1,264	89	MG32-174	0,417	76
MG32-002	0,952	55	MG32-070	1,021	89	MG32-175	0,315	73
MG32-003	0,207	62	MG32-072	0,898	61	MG32-176	1,288	62
MG32-004	1,256	55	MG32-073	1,190	71	MG32-177	0,429	61
MG32-005	0,916	70	MG32-074	1,087	71	MG32-178	0,968	71
MG32-006	0,879	70	MG32-075	1,212	70	MG32-610	0,957	57
MG32-009	0,750	69	MG32-076	0,981	70	MG32-611	0,934	57
MG32-010	0,658	67	MG32-077	0,907	70	MM-375	0,394	101
MG32-011 A	0,810	69	MG32-078	0,906	69	MM-376	0,590	101
MG32-012	0,173	77	MG32-079	0,456	73	P-064 A	0,332	130
MG32-013	1,718	63	MG32-081	0,987	70	P-068 A	0,604	126
MG32-014	1,357	64	MG32-083	1,088	59	P-075	0,602	125
MG32-015	1,524	63	MG32-084	1,470	63	P-078	0,752	127
MG32-016	0,601	59	MG32-085	1,979	66	P-084 A	0,486	124
MG32-017	0,708	56	MG32-086	0,114	62	P-120 A	0,463	130
MG32-018	1,999	56	MG32-087	0,843	68	P-121	0,529	130
MG32-019	2,115	56	MG32-088	0,825	68	P-140 A	0,426	110
MG32-020	0,647	67	MG32-090	0,806	71	P-145	0,489	113
MG32-021	1,162	67	MG32-091	0,825	71	P-146 A	0,426	117
MG32-023	1,123	57	MG32-092	1,185	73	P-147 A	0,300	113
MG32-024	0,430	62	MG32-093	1,366	73	P-148	0,692	124
MG32-025	0,156	77	MG32-094	1,348	73	P-149	0,655	125
MG32-026	0,750	69	MG32-095	1,354	67	P-151 A	0,497	110
MG32-029	0,343	69	MG32-096	1,335	67	P-152 A	0,522	110
MG32-032	0,792	92	MG32-097	0,922	74	P-153	0,598	111
MG32-033	1,356	91	MG32-098	0,904	74	P-155	0,528	117
MG32-034	2,142	64	MG32-099	0,886	75	P-157	1,349	103
MG32-035	1,085	65	MG32-100	1,433	75	P-165	1,152	124
MG32-041	1,378	64	MG32-101	1,415	75	P-166	0,427	117

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
P-167 A	0,347	117	TUB-069	0,467	172	Y-106	0,311	196
P-227	0,549	112	U-1002	0,213	191	Y-107	0,262	195
P-253	0,587	132	U-1002 A	0,182	191	Y-110	0,635	126
P-256	0,490	112	U-1048	1,463	148	Y-113	0,343	129
P-258	1,134	120	U-1056	0,228	195	Y-120	0,263	12
P-264	1,156	128	U-1076	0,209	132	Y-131	0,492	124
P-268 A	1,373	133	U-1092	0,440	157	Y-140 A	0,338	130
P-270 A	0,688	127	U-1098	0,494	148	Y-148	0,336	130
P-272	0,780	129	U-1108	0,342	200	Y-153	0,506	124
P-273 A	0,538	129	U-1109	0,174	200	Y-165	0,132	170
P-274	0,855	105	U-1233	0,288	101	Y-166	0,140	170
P-280	0,855	132	U-164	0,708	148	Y-168	0,690	127
P-281 A	0,726	126	U-397	0,620	195	Y-181	0,570	132
P-282 A	0,726	126	U-398	0,220	196	Y-195 A	0,389	110
P-287	1,498	122	U-399	0,245	196	Y-196	0,479	110
P-318 A	0,558	117	U-425	0,157	112	Y-197	0,268	118
P-319 A	0,657	113	U-482	0,118	124	Y-202	0,571	130
P-358 A	0,807	128	U-491	0,093	155	Y-214	0,606	130
P-370	0,666	113	U-495	1,063	157	Y-215	0,568	116
P-371 A	0,679	113	U-496	0,338	157	Y-260	0,746	109
P-411	0,481	115	U-497	0,465	157	Y-308	0,278	192
P-412 A	0,453	115	U-498	0,262	157	Y-310	0,302	191
P-414-A	0,578	115	U-522	0,100	172	Y-311	0,263	191
P-416	0,587	115	U-555	0,267	200	Y-312	0,519	112
P-417	0,734	125	U-555 A	0,200	200	Y-335	0,723	153
P-419 A	0,610	130	U-565	0,409	200	Y-343	0,275	197
P-525 A	0,283	113	U-615	0,379	185	Y-346	0,504	129
P-574	0,622	116	U-621	0,264	185	Y-350	0,965	109
PV-021	3,950	183	U-653	0,246	191	Y-354	0,866	153
RA-006	0,168	14	U-654	0,198	192	Y-355	0,873	153
RA-007	0,157	14	U-655	0,645	191	Y-429	0,684	153
RA-013	0,268	15	U-659	0,490	122	Y-429 A	0,609	154
RA-013	0,268	102	U-681	0,135	112	Y-630	0,360	116
RA-1175	0,297	14	U-683	0,154	118	Y-718	0,522	125
RA-1177 C	0,210	14	U-685	0,141	122	Y-719	0,522	125
RA-1178 C	0,273	14	U-990 A	0,635	148	Z-033	0,351	155
RA-347	0,197	14	VA-012	0,255	81	Z-063	0,325	155
RA-516	0,339	15	VA-012 F	0,253	81	Z-073	0,326	84
RA-613	0,152	14	VA-015	0,265	83	Z-074	0,269	112
SK-001	1,569	187	VA-017	0,274	81	Z-082	0,393	122
SK-002	1,238	187	VA-017 F	0,274	81	Z-114	0,568	103
SK-003	0,775	188	VA-024	0,271	81	Z-115	0,690	105
SK-004	0,615	188	VA-024 F	0,271	81	Z-118	0,666	120
SK-005	0,303	188	VA-201	0,263	83	Z-148	0,338	83
SK-006	0,279	188	VA-201 F	0,263	83	Z-163	0,255	82
T-095	0,204	15	VA-203	0,329	82	Z-167	0,836	119
T-153	0,335	98	VA-203 A	0,292	82	Z-170	0,756	102
T-155	0,188	15	VZ-023	0,293	83	Z-171	1,001	102
T-180	0,125	171	VZ-060	0,397	84	Z-172	0,940	103
T-214	0,210	118	Y-105	0,388	196	Z-173	1,311	108

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
Z-174	0,716	104	Z-186	1,038	131	Z-260	1,323	124
Z-175	0,572	105	Z-192	0,789	107	Z-261	0,892	123
Z-176	0,848	104	Z-194	0,368	84	Z-263	0,840	122
Z-178	1,070	119	Z-231	0,940	120	Z-267	0,753	105
Z-180	0,810	121	Z-248	0,295	84	Z-268	1,011	122
Z-181	0,564	121	Z-254	0,822	109	Z-284	0,265	82
Z-182	0,634	120	Z-258	1,115	106			
Z-183	0,944	121	Z-259	0,690	105			

ÍNDICE ESPECÍFICO

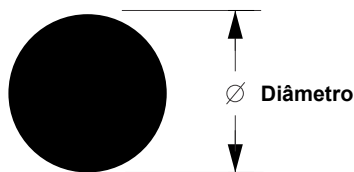
FACHADA SKALLA II

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
SK-200	1,952	209	SK-262	1,540	212	SK-334	2,236	233
SK-201	1,778	214	SK-264	1,228	228	SK-336	1,378	224
SK-204	1,010	207	SK-265	0,901	235	SK-347	1,330	215
SK-205	0,920	207	SK-267	1,196	222	SK-360	3,912	226
SK-208	0,754	228	SK-268	0,840	222	SK-361	1,560	224
SK-211	0,993	219	SK-269	0,684	219	SK-375	2,454	210
SK-223	1,978	227	SK-270	2,930	237	SK-376	2,285	230
SK-227	0,263	236	SK-271	1,626	237	SK-390	3,630	211
SK-228	0,568	219	SK-275	1,684	231	SK-391	2,621	232
SK-230	0,777	219	SK-276	0,794	220	SK-400	1,488	208
SK-231 A	0,384	236	SK-278	1,453	217	SK-401	1,727	227
SK-232	0,603	220	SK-279	1,826	229	SK-403	0,634	221
SK-235	1,544	216	SK-291	0,875	220	SK-404	0,540	221
SK-236	2,364	223	SK-293	0,518	235	SK-405	0,669	221
SK-239 A	0,582	235	SK-294	0,785	216	SK-406	0,574	221
SK-240	0,135	236	SK-299	0,220	236	SK-511	1,318	215
SK-243	2,091	213	SK-300	0,843	234	SK-512	0,521	234
SK-244	1,824	225	SK-325	0,653	235	SK-517	0,613	228
SK-245	0,742	220	SK-326	0,103	236			
SK-247	0,210	236	SK-333	2,106	218			

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

PERFIS TABELADOS
TUBOS
CANTONEIRAS
BARRAS CHATAS
VERGALHÕES

[illegible]



LINHA 10 E VERGALHÃO REDONDO

Cód. Antigo	Cód. Novo	Diâm.	kg/m
10-038C	VER5.50	5,50	0,064
VER-001	VER6.00	6,00	0,076
VER-002	VER6.35	6,35	0,085
10-002	VER6.8	6,80	0,098
10-010	VER7.40	7,40	1,116
VER-125	VER7.94	7,94	0,134
VER-004	VER7.95	7,95	0,134
VER-005	VER8.00	8,00	0,135
10-012	VER8.80	8,80	0,165
VER-007	VER9.52	9,52	0,192
10-025C	VER10.80	10,80	0,248
VER-009	VER11.11	11,11	0,262
10-018	VER12.00	12,00	0,306
VER-011	VER12.70	12,70	0,343
VER-012	VER14.28	14,28	0,434
10-036C	VER14.40	14,40	0,441
10-024C	VER14.90	14,90	0,472
VER-014	VER15.87	15,87	0,534
VER-123	VER16.40	16,40	0,572
VER-015	VER17.46	17,46	0,648
VER-114	VER18.00	18,00	0,689
VER-016	VER19.05	19,05	0,772
10-026C	VER19.25	19,25	0,788
10-040C	VER19.34	19,34	0,796
10-023C	VER21.45	21,45	0,979
VER-018	VER22.23	22,23	1,052
10-041C	VER22.36	22,36	1,064
VER-020	VER23.81	23,81	1,206
10-011	VER25.00	25,00	1,330

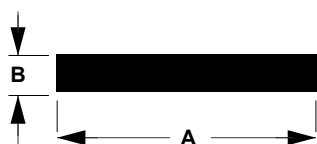
Cód. Antigo	Cód. Novo	Diâm.	kg/m
VER-021	VER25.40	25,40	1,373
10-020	VER28.48	28,48	1,726
VER-024	VER28.57	28,57	1,737
VER-027	VER31.75	31,75	2,145
VER-030	VER34.92	34,92	2,585
VER-032	VER38.10	38,10	3,089
10-043C	VER40.00	40,00	3,406
VER-034	VER41.27	41,27	3,611
10-003	VER41.46	41,46	3,645
10-013	VER42.05	42,05	3,763
VER-036	VER44.45	44,45	4,205
VER-129	VER45.50	45,50	4,406
VER-038	VER47.62	47,62	4,826
VER-040	VER50.80	50,80	5,493
10-022C	VER53.40	53,40	6,069
VER-049	VER53.93	53,98	6,201
VER-050	VER57.15	57,15	6,951
10-014	VER61.85	61,85	8,142
VER-042	VER63.50	63,50	8,583
VER-131	VER69.85	69,85	10,384
10-016	VER72.00	72,00	11,033
VER-043	VER76.20	76,20	12,358
10-039C	VER82.55	82,55	14,504
VER-044	VER88.90	88,90	16,821
10-042C	VER95.25	95,25	19,31
VER-045	VER101.60	101,60	21,970
10-027E	VER114.30	114,30	27,806
VER-130	VER127.00	127,00	34,329



LINHA 12 BARRA RETANGULAR E CANTO VIVO BRCV

Cód. Antigo	Cód. Novo	Largura (A)	Esp. (B)	kg/m
BAR-084	BRCV9.52X6.35	9,52	6,35	0,163
12-130C	BRCV12.00X2.50	12,00	2,50	0,081
BAR-012	BRCV12.70X3.18	12,70	3,18	0,109
BAR-047	BRCV12.70X4.76	12,70	4,76	0,163
BAR-086	BRCV12.70X6.35	12,70	6,35	0,218
12-125C	BRCV15.60X2.60	15,60	2,60	0,109
BAR-013	BRCV15.88X3.18	15,88	3,18	0,136
BAR-049	BRCV15.88X4.76	15,88	4,76	0,204
BAR-088	BRCV15.88X6.35	15,88	6,35	0,273
12-001	BRCV17.80X1.80	17,80	1,80	0,086
12-040	BRCV19.00X4.00	19,00	4,00	0,203
BAR-050	BRCV19.05X4.76	19,05	4,76	0,245
BAR-089	BRCV19.05X6.35	19,05	6,35	0,327
BAR-158	BRCV19.05X12.70	19,05	12,70	0,655
12-161C	BRCV19.35X3.18	19,35	3,18	0,166
BAR-014	BRCV19.35X3.18	19,35	3,18	0,164
12-036	BRCV22.00X3.00	22,00	3,00	0,178
12-045	BRCV22.00X3.70	22,00	3,70	0,220
12-050	BRCV22.00X4.70	22,00	4,70	0,277
BAR-052	BRCV22.22X4.76	22,22	4,76	0,286
BAR-090	BRCV22.22X6.35	22,22	6,35	0,382
BAR-015	BRCV22.23X3.18	22,23	3,18	0,191
12-048	BRCV24.00X4.00	24,00	4,00	0,259
BAR-002	BRCV25.40X1.60	25,40	1,60	0,109
BAR-016	BRCV25.40X3.18	25,40	3,18	0,218
BAR-053	BRCV25.40X4.76	25,40	4,76	0,327
BAR-091	BRCV25.40X6.35	25,40	6,35	0,436
BAR-129	BRCV25.40X9.52	25,40	9,52	0,655
BAR-160	BRCV25.40X12.70	25,40	12,70	0,873
12-049	BRCV27.00X5.50	27,00	5,50	0,400
BAR-320	BRCV31.5X16.5	31,50	16,5	1,409
BAR-019	BRCV31.75X3.18	31,75	3,18	0,271
BAR-054	BRCV31.75X4.80	31,75	4,80	0,409
BAR-132	BRCV31.75X9.50	31,75	9,50	0,816
BAR-162	BRCV31.75X12.70	31,75	12,70	1,080
BAR-022	BRCV38.10X3.18	38,10	3,18	0,328
BAR-057	BRCV38.10X4.76	38,10	4,76	0,491
BAR-096	BRCV38.10X6.35	38,10	6,35	0,655
BAR-093	BRCV38.10X6.40	38,10	6,40	0,546
BAR-134	BRCV38.10X9.52	38,10	9,52	0,980
BAR-164	BRCV38.10X12.70	38,10	12,70	1,311
BAR-208	BRCV38.10X15.87	38,10	15,87	1,638
BAR-382	BRCV38.10X25.40	38,10	25,40	2,622
12-033	BRCV40.00X8.85	40,00	8,85	0,959
12-041	BRCV44.00X3.00	44,00	3,00	0,36
12-030	BRCV46.00X26.00	46,00	26,00	3,24
BAR-387	BRCV50.8X1.50	50,80	1,50	0,206
BAR-027	BRCV50.80X3.18	50,80	3,18	0,437
BAR-061	BRCV50.80X4.78	50,80	4,78	0,652
BAR-100	BRCV50.80X6.35	50,80	6,35	0,873
BAR-137	BRCV50.80X9.50	50,80	9,50	1,306
BAR-168	BRCV50.80X12.70	50,80	12,70	1,741
BAR-198	BRCV50.80X15.87	50,80	15,87	2,184
BAR-189	BRCV50.80X19.05	50,80	19,05	2,622
BAR-194	BRCV50.80X25.40	50,80	25,40	3,496
12-013	BRCV52.00X37.00	52,00	37,00	5,194
12-021	BRCV60.00X20.00	60,00	20,00	3,240
12-010	BRCV60.50X2.00	60,50	2,00	0,327
12-026	BRCV61.00X2.20	61,00	2,20	0,363

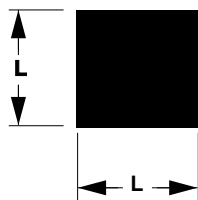
Cód. Antigo	Cód. Novo	Largura (A)	Esp. (B)	kg/m
BAR-030	BRCV63.50X3.20	63,50	3,20	0,546
12-035	BRCV63.50X4.76	63,50	4,76	0,818
BAR-064	BRCV63.50X4.76	63,50	4,76	0,818
BAR-104	BRCV63.50X6.35	63,50	6,35	1,088
BAR-141	BRCV63.50X9.52	63,50	9,52	1,630
BAR-172	BRCV63.50X12.70	63,50	12,70	2,185
12-006	BRCV70.00X5.00	70,00	5,00	0,945
12-008	BRCV72.00X2.50	72,00	2,50	0,487
12-160C	BRCV72.00X37.00	72,00	37,00	7,199
BAR-032	BRCV76.20X3.17	76,20	3,17	0,652
BAR-106	BRCV76.20X6.35	76,20	6,35	1,306
12-088C	BRCV76.20X7.94	76,20	7,94	1,639
BAR-144	BRCV76.20X9.52	76,20	9,52	1,966
BAR-175	BRCV76.20X12.70	76,20	12,70	2,622
BAR-330	BRCV76.20X15.90	76,20	15,90	3,283
BAR-191	BRCV76.20X25.40	76,20	25,40	5,225
BAR-397	BRCV76.20X31.75	76,20	31,75	6,556
BAR-193	BRCV76.20X38.10	76,20	38,10	7,867
12-002	BRCV88.50X3.50	88,50	3,50	0,836
BAR-108	BRCV88.90X6.35	88,90	6,35	1,529
12-076	BRCV88.90X63.50	88,90	63,50	15,298
12-020	BRCV92.00X51.00	92,00	51,00	12,715
12-019	BRCV100.00X3.00	100,00	3,00	0,812
12-012	BRCV100.00X6.00	100,00	6,00	2,160
BAR-186	BRCV100.00X15.00	100,00	15,00	4,050
BAR-110	BRCV101.60X6.35	101,60	6,35	1,741
BAR-149	BRCV101.60X9.52	101,60	9,52	2,620
BAR-159	BRCV101.60X9.52	101,60	9,52	2,620
BAR-403	BRCV101.60X15.88	101,60	15,88	4,371
BAR-404	BRCV101.60X19.05	101,60	19,05	5,244
BAR-405	BRCV101.60X25.40	101,60	25,40	6,992
BAR-180	BRCV101.80X12.70	101,80	12,70	3,483
12-009	BRCV110.00X3.00	110,00	3,00	0,894
12-017	BRCV120.00X4.00	120,00	4,00	1,296
BAR-413	BRCV125.00X4.76	125,00	4,76	1,612
12-015	BRCV125.00X42.00	125,00	42,00	14,227
12-014	BRCV127.00X9.52	127,00	9,52	3,276
BAR-151	BRCV127.00X9.52	127,00	9,52	3,275
BAR-182	BRCV127.00X12.70	127,00	12,70	4,370
BAR-414	BRCV127.00X15.88	127,00	15,88	5,464
12-044	BRCV127.00X16.00	127,00	16,00	5,506
12-086C	BRCV127.00X19.05	127,00	19,05	6,555
BAR-192	BRCV127.00X25.40	127,00	25,40	8,741
12-152C	BRCV133.00X4.20	133,00	4,20	1,512
BAR-183	BRCV139.70X12.70	139,70	12,70	4,790
BAR-114	BRCV152.40X6.35	152,40	6,35	2,622
BAR-184	BRCV152.40X12.70	152,40	12,70	5,244
12-063	BRCV152.40X15.88	152,40	15,88	6,558
12-101D	BRCV152.40X19.05	152,40	19,05	7,867
12-100D	BRCV152.40X25.40	152,40	25,40	10,490
12-105D	BRCV160.00X12.70	160,00	12,70	5,506
12-106D	BRCV190.00X12.70	190,00	12,70	6,539
12-037	BRCV203.20X12.70	203,20	12,70	6,993
BAR-196	BRCV203.20X15.88	203,20	15,88	8,741
12-075	BRCV207.00X45.00	207,00	45,00	25,243
12-032	BRCV213.00X20.00	213,00	20,00	11,544
12-129E	BRCV280.00X15.80	280,00	15,80	11,988
12-162E	BRCV300.00X7.00	300,00	7,00	5,691
12-163E	BRCV300.00X10.00	300,00	10,00	8,130



LINHA 13 BARRA RETANGULAR E CANTO REDONDO BRCR

Cód. Antigo	Cód. Novo	Largura (A)	Esp. (B)	kg/m
13-014	BRCR15.00X2.50	15,00	2,50	0,097
13-004	BRCR15.87X2.00	15,87	2,00	0,083
13-031C	BRCR15.88X3.18	15,88	3,18	0,130
13-003	BRCR16.00X2.80	16,00	2,80	0,118
13-016	BRCR16.00X3.80	16,00	3,80	0,156
13-002	BRCR16.00X4.00	16,00	4,00	0,164
BAR-2040	BRCR19.00X5.00	19,00	5,00	0,242
BAR-2009	BRCR19.05X6.35	19,05	6,35	0,304
13-015	BRCR20.00X2.50	20,00	2,50	0,131
13-006	BRCR20.00X5.00	20,00	5,00	0,255
BAR-214	BRCR25.00X2.00	25,00	2,00	0,133
BAR-4024	BRCR25.00X3.80	25,00	3,80	0,240
13-032C	BRCR25.30X4.70	25,30	4,70	0,309
BAR-2010	BRCR25.40X6.35	25,40	6,35	0,414
13-012	BRCR31.70X4.80	31,70	4,80	0,410
13-008	BRCR38.00X3.00	38,00	3,00	0,303
13-005	BRCR40.00X15.00	40,00	15,00	1,600
13-013	BRCR42.50X7.80	42,50	7,80	0,894

Cód. Antigo	Cód. Novo	Largura (A)	Esp. (B)	kg/m
13-009	BRCR44.00X4.00	44,00	4,00	0,467
13-001	BRCR44.40X5.00	44,00	5,00	0,345
BAR-2058	BRCR50.00X10.00	50,00	10,00	1,292
13-011	BRCR52.10X6.90	52,10	6,90	0,969
13-017	BRCR70.00X6.00	70,00	6,00	1,117
13-034C	BRCR73.00X4.90	73,00	4,90	0,955
13-051C	BRCR76.20X12.70	76,20	12,70	2,529
13-026	BRCR80.00X6.00	80,00	6,00	1,279
13-007	BRCR80.00X8.00	80,00	8,00	1,718
13-022	BRCR90.00X6.00	90,00	6,00	1,442
13-025	BRCR100.00X6.00	100,00	6,00	1,605
BAR-2064	BRCR100.00X15.00	100,00	15,00	3,920
13-023	BRCR101.60X24.00	101,60	24,00	6,273
13-019	BRCR116.00X25.40	116,00	25,40	7,609
13-018	BRCR120.00X6.00	120,00	6,00	1,930
13-024	BRCR130.00X6.00	130,00	6,00	2,092
13-029C	BRCR130.00X28.60	130,00	28,60	9,379
13-020	BRCR117.80X6.35	117,80	6,35	3,036



LINHA 15 BARRA QUADRADA, VERGALHÃO

Cód. Antigo	Cód. Novo	Largura (L)	kg/m
VER-4002	VEQ6.35	6,35	0,109
VER-4003	VEQ7.93	7,93	0,170
VER-4006	VEQ9.53	9,53	0,245
VER-4007	VEQ11.11	11,11	0,344
VER-4008	VEQ12.70	12,70	0,435
VER-4011	VEQ15.88	15,88	0,682
VER-4013	VEQ19.05	19,05	0,983
VER-4015	VEQ22.22	22,22	1,333
VER-4017	VEQ25.40	25,40	1,741
VER-4018	VEQ28.57	28,57	2,211
VER-4019	VEQ31.75	31,75	2,762

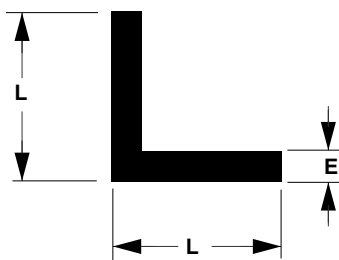
Cód. Antigo	Cód. Novo	Largura (L)	kg/m
VER-4022	VEQ38.10	38,10	3,933
VER-4024	VEQ44.45	44,45	5,334
VER-4026	VEQ50.80	50,80	6,993
BAR-4029	VEQ53.00	53,00	7,584
15-002C	VEQ55.00	55,00	7,987
VER-4046	VEQ63.50	63,50	10,927
12-028	VEQ65.00	65,00	11,407
VER-4067	VEQ76.20	76,20	15,734
VER-4068	VEQ88.90	88,90	21,417
VER-4066	VEQ101.60	101,60	29,971



LINHA 16 BARRA SEXTAVADA, VERGALHÃO

Cód. Antigo	Cód. Novo	L	kg/m
16-003	VES7.20	7,20	0,121
VER-6002	VES7.94	7,94	0,147
VER-6003	VES9.52	9,52	0,212
VER-6004	VES11.11	11,11	0,292
VER-6005	VES12.70	12,70	0,378
VER-6006	VES14.00	14,00	0,492
VER-6007	VES15.87	15,87	0,588
VER-6009	VES19.05	19,05	0,854
VER-6011	VES22.30	22,30	1,166

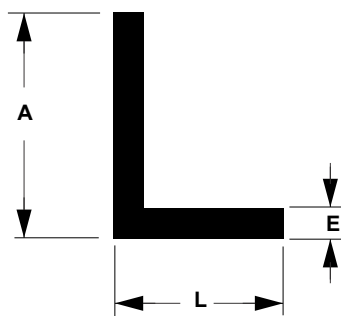
Cód. Antigo	Cód. Novo	L	kg/m
VER-6012	VES23.82	23,82	1,331
VER-6013	VES25.40	25,40	1,527
VER-6014	VES26.98	26,98	1,708
VER-6015	VES28.50	28,50	1,900
VER-6017	VES31.75	31,75	2,365
VER-6019	VES34.92	34,92	2,863
VER-6021	VES38.10	38,10	3,376
VER-6023	VES41.27	41,27	3,998
VER-6030	VES63.50	63,50	9,463



LINHA 20 CANTONEIRA DE ABAS IGUAIS

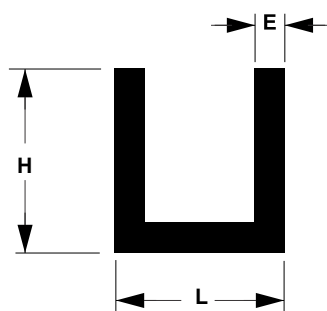
Cód. Antigo	Cód. Novo	L	Esp. (E)	kg/m
L-002	PLI12.70X1.58	12,70	1,58	0,101
L-005	PLI12.70X3.20	12,70	3,20	0,192
20-002	PLI15.80X2.38	15,80	2,38	0,188
L-405	PLI15.88X1.58	15,88	1,58	0,128
20-008	PLI15.88X3.18	15,88	3,18	0,245
20-019C	PLI19.05X1.20	19,05	1,20	0,119
L-009	PLI19.05X1.59	19,05	1,59	0,157
L-010	PLI19.05X2.40	19,05	2,40	0,231
L-011	PLI19.05X3.18	19,05	3,18	0,3
20-013	PLI22.20X1.60	22,20	1,60	0,184
L-249	PLI22.23X2.38	22,23	2,38	0,271
L-012	PLI22.23X3.18	22,23	3,18	0,355
L-741	PLI25.40X1.20	25,40	1,20	0,161
L-013	PLI25.40X1.59	25,40	1,59	0,211
L-014	PLI25.40X3.20	25,40	3,20	0,41
L-015	PLI25.40X4.80	25,40	4,80	0,598
20-352C	PLI30.00X3.00	30,00	3,00	0,463
20-006	PLI31.75X1.58	31,75	1,58	0,264
L-018	PLI31.75X3.20	31,75	3,20	0,522
L-019	PLI31.75X4.76	31,75	4,76	0,757
L-744	PLI38.10X1.59	38,10	1,59	0,32
23-022	PLI38.10X2.00	38,10	2,00	0,401
L-022	PLI38.10X3.18	38,10	3,18	0,629

Cód. Antigo	Cód. Novo	L	Esp. (E)	kg/m
L-023	PLI38.10X4.76	38,10	4,76	0,921
20-349C	PLI40.00X4.00	40,00	4,00	0,823
20-022C	PLI50.00X4.00	50,00	4,00	1,04
20-348C	PLI50.00X9.30	50,00	9,30	2,284
20-017C	PLI50.80X1.58	50,80	1,58	0,427
L-612	PLI50.80X2.00	50,80	2,00	0,539
L-336	PLI50.80X2.50	50,80	2,50	0,670
L-025	PLI50.80X3.20	50,80	3,20	0,850
L-026	PLI50.80X4.75	50,80	4,75	1,246
L-027	PLI50.80X6.35	50,80	6,35	1,639
L-457	PLI63.50X3.18	63,50	3,18	1,065
20-015	PLI63.50X4.76	63,50	4,76	1,576
L-029	PLI63.50X6.35	63,50	6,35	2,075
20-005	PLI70.00X2.00	70,00	2,00	0,745
20-003	PLI70.00X4.00	70,00	4,00	1,496
20-004	PLI76.00X3.35	76,00	3,35	1,344
L-748	PLI76.20X4.77	76,20	4,77	1,908
L-749	PLI76.20X6.35	76,20	6,35	2,512
20-011	PLI76.20X7.40	76,20	7,40	2,907
20-016C	PLI101.60X12.70	101,60	12,70	6,555
20-010	PLI102.00X6.40	102,00	6,40	3,426
20-014	PLI127.00X8.00	127,00	8,00	6,305



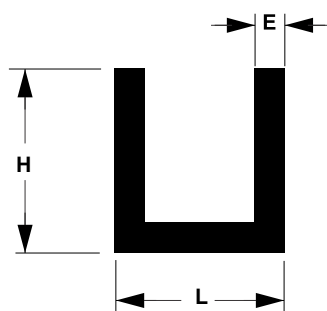
LINHAS 23 E 24 CANTONEIRA DE ABAS DESIGUAIS

Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	kg/m
23-013	PLD19.00X8.00X1.50	19,00	8,00	1,50	0,103
23-025	PLD20.00X10.00X1.20	20,00	10,00	1,20	0,093
23-015	PLD21.00X13.00X2.00	21,00	13,00	2,00	0,173
23-028	PLD25.00X12.70X2.40	25,00	12,70	2,40	0,180
23-027	PLD25.00X17.50X2.40	25,00	17,50	2,40	0,260
23-003	PLD25.40X11.00X1.40	25,40	11,00	1,40	0,106
L-093	PLD25.40X12.70X3.18	25,40	12,70	3,18	0,300
L-090	PLD25.40X19.05X3.20	25,40	19,05	3,20	0,357
23-006	PLD28.00X20.00X4.76	28,00	20,00	4,76	0,555
L-434	PLD30.00X20.00X1.60	30,00	20,00	1,60	0,209
L-768	PLD32.00X6.00X2.00	32,00	6,00	2,00	0,194
23-014	PLD35.00X22.00X2.00	35,00	22,00	2,00	0,297
L-377	PLD37.50X17.00X2.00	37,50	17,00	2,00	0,284
23-001	PLD38.10X15.80X2.38	38,10	15,80	2,38	0,331
L-100	PLD38.10X25.40X3.18	38,10	25,40	3,18	0,519
23-008	PLD38.10X28.57X6.35	38,10	28,57	6,35	1,033
L-040	PLD44.45X31.75X4.76	44,45	31,75	4,76	0,921
23-051C	PLD49.5X12.2X1.2	49,50	12,20	1,20	0,196
23-037C	PLD49.5X28.5X1.30	49,50	28,50	1,30	0,269
23-016	PLD50.00X14.00X2.00	50,00	14,00	2,00	0,335
L-776	PLD50.80X12.70X3.18	50,80	12,70	3,18	0,518
L-104	PLD50.80X25.40X3.16	50,80	25,40	3,16	0,628
L-105	PLD50.80X25.40X4.76	50,80	25,40	4,76	0,921
L-668	PLD50.80X31.75X2.00	50,80	31,75	2,00	0,436
23-035C	PLD51X18X4	51,00	18,00	4,00	0,704
23-049C	PLD60X35X1.3	60,00	35,00	1,30	0,330
23-004	PLD60.00X35.00X1.58	60,00	35,00	1,58	0,400
23-042C	PLD60X40X2	60,00	40,00	2,00	0,472
L-054	PLD63X51.3X6.35	63,00	51,30	6,35	1,857
23-041C	PLD75X50X5	75,00	50,00	5,00	1,646
24-003	PLD76.2X25X6.35	76,20	25,00	6,35	1,627
23-012	PLD76.20X50.80X6.00	76,20	50,80	6,00	1,984
L-070	PLD88.90X76.20X6.35	88,90	76,20	6,35	2,731
23-018	PLD89.31X27.15X3.96	89,31	27,15	3,96	1,169
23-033C	PLD90X60X2.5	90,00	60,00	2,50	0,972
23-040C	PLD90X60X4	90,00	60,00	4,00	1,582
23-048C	PLD94.3X30X1.3	94,30	30,00	1,30	0,433
23-002	PLD94.30X30.00X1.60	94,30	30,00	1,60	0,531
23-019	PLD99.5X26.20X4.00	99,50	26,20	4,00	1,025
24-002	PLD100X34X9.5	100,00	34,00	9,50	3,188
23-030	PLD101.50X100.00X23.50	101,50	100,00	23,50	9,884
23-039C	PLD101.6X50.8X4.76	101,60	50,80	4,76	1,903
23-032C	PLD120X31X3	120,00	31,00	3,00	1,202
23-044C	PLD120X60X4	120,00	60,00	4,00	1,907
23-010	PLD125.00X50.00X2.00	125,00	50,00	2,00	0,933
23-011	PLD125.3X115.3X5.7	125,30	115,30	5,70	3,642
23-036C	PLD140X80X9.53	140,00	80,00	9,53	5,327
23-043C	PLD150X60X4	150,00	60,00	4,00	2,232
23-023	PLD150.00X60.00X7.94	150,00	60,00	7,94	4,347
23-034D	PLD150X100X2.5	150,00	100,00	2,50	1,657
23-038D	PLD152.5X101.8X12.5	152,50	101,80	12,50	8,220
23-031	PLD200X50X6	200,00	50,00	6,00	3,967



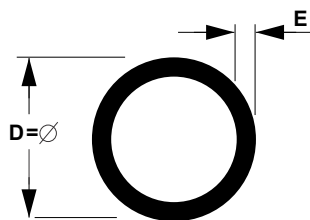
LINHAS 30 E PERFIL “U”

Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	kg/m
31-001	PUI6.35X6.35X1.60	6,35	6,35	1,60	0,068
31-066C	PUI7.80X14.90X1.10	7,80	14,90	1,10	0,089
31-071C	PUI9.20X15.00X1.20	9,20	15,00	1,20	0,111
U-841	PUI9.50X9.50X1.20	9,50	9,50	1,20	0,085
U-036	PUI9.52X9.52X1.60	9,52	9,52	1,60	0,110
31-077C	PUI10.50X20.00X0.90	10,50	20,00	0,90	0,117
31-090C	PUI10.70X23.50X1.10	10,70	23,50	1,10	0,164
U-037	PUI12.70X9.50X1.60	12,70	9,50	1,60	0,137
U-044	PUI12.70X12.70X1.60	12,70	12,70	1,60	0,151
U-306	PUI12.70X12.70X3.17	12,70	12,70	3,17	0,270
31-041	PUI13.00X13.00X1.30	13,00	13,00	1,30	0,128
U-425	PUI13.00X15.00X1.20	13,00	15,00	1,20	0,157
U-1002A	PUI14.00X20.00X1.50	14,00	20,00	1,50	0,182
U-1002	PUI14.00X25.00X1.50	14,00	25,00	1,50	0,213
U-652	PUI14.00X25.00X1.70	14,00	25,00	1,70	0,254
U-1109	PUI14.10X20.00X1.30	14,10	20,00	1,30	0,174
U-555A	PUI14.20X25.00X1.20	14,20	25,00	1,20	0,200
31-007	PUI14.40X12.70X1.20	14,40	12,70	1,20	0,121
31-037	PUI15.00X11.00X1.20	15,00	11,00	1,20	0,125
31-019	PUI15.00X12.70X1.10	15,00	12,70	1,10	0,118
31-036	PUI15.00X13.90X1.20	15,00	13,90	1,20	0,134
U-555	PUI15.00X25.00X1.60	15,00	25,00	1,60	0,267
31-056C	PUI15.40X9.50X1.50	15,40	9,50	1,50	0,133
U-048	PUI15.88X9.52X2.40	15,88	9,52	2,40	0,195
U-049	PUI15.88X15.88X2.40	15,88	15,88	2,40	0,278
U-509	PUI15.90X15.90X1.60	15,90	15,90	1,60	0,193
31-061D	PUI17.00X42.00X1.40	17,00	42,00	1,40	0,372
U-654	PUI17.70X20.00X1.40	17,70	20,00	1,40	0,198
U-398	PUI18.10X20.00X1.50	18,10	20,00	1,50	0,220
31-045	PUI20.00X10.70X1.00	20,00	10,70	1,00	0,129
31-044	PUI20.00X14.00X1.00	20,00	14,00	1,00	0,138
U-061	PUI20.00X15.00X1.50	20,00	15,00	1,50	0,191
31-092C	PUI20.00X40.50X2.00	20,00	40,50	2,00	0,546
31-039	PUI20.30X5.80X1.80	20,30	5,80	1,80	0,137
31-025	PUI21.70X8.00X2.50	21,70	8,00	2,50	0,221
31-111C	PUI22.00X11.00X3.10	22,00	11,00	3,10	0,299
U-1168	PUI22.00X22.00X1.90	22,00	22,00	1,90	0,320
U-064	PUI22.20X22.20X2.38	22,20	22,20	2,38	0,397
31-062C	PUI24.10X11.80X1.00	24,10	11,80	1,00	0,123
31-055C	PUI24.20X22.00X1.50	24,20	22,00	1,50	0,269
U-396	PUI25.00X14.00X1.20	25,00	14,00	1,20	0,216
U-1233	PUI25.00X27.00X2.40	25,00	27,00	2,40	0,288
31-046	PUI25.40X15.50X2.35	25,40	15,50	2,35	0,392
31-082C	PUI25.40X25.40X2.38	25,40	25,40	2,38	0,460
U-070	PUI25.40X25.40X3.20	25,40	25,40	3,20	0,604
31-089C	PUI28.00X52.00X1.50	28,00	52,00	1,50	0,553
31-048	PUI28.30X24.70X1.10	28,30	24,70	1,10	0,235
31-057C	PUI30.40X39.90X1.50	30,40	39,90	1,50	0,435
31-002	PUI31.75X31.75X2.00	31,75	31,75	2,00	0,492
U-575	PUI32.00X32.00X2.00	32,00	32,00	2,00	0,538
31-120C	PUI33.00X8.00X2.00	33,00	8,00	2,00	0,239
U-936	PUI34.40X25.50X1.30	34,40	25,50	1,30	0,297
31-018	PUI35.00X29.00X1.50	35,00	29,00	1,50	0,388
31-006	PUI36.00X11.00X1.30	36,00	11,00	1,30	0,194
U-164	PUI36.00X32.50X2.00	36,00	32,50	2,00	0,708
31-042	PUI37.60X11.50X1.20	37,60	11,50	1,20	0,186
31-029	PUI38.00X38.00X2.00	38,00	38,00	2,00	0,596



LINHAS 30 E PERFIL “U”

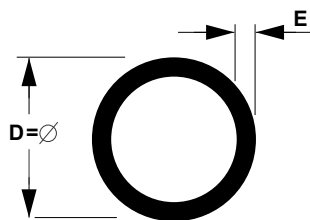
Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	kg/m
U-1216	PUI38.10X12.70X1.50	38,10	12,70	1,50	0,245
31-004	PUI38.10X12.70X1.80	38,10	12,70	1,80	0,291
U-082	PUI38.10X12.70X2.38	38,10	12,70	2,38	0,378
U-1217	PUI38.10X25.40X2.00	38,10	25,40	2,00	0,645
31-047	PUI39.00X22.00X2.00	39,00	22,00	2,00	0,412
U-496	PUI39.60X15.10X1.80	39,60	15,10	1,80	0,338
31-009	PUI40.00X25.00X3.50	40,00	25,00	3,50	0,784
31-068C	PUI40.00X40.00X1.40	40,00	40,00	1,40	0,444
U-621	PUI42.00X20.00X1.25	42,00	20,00	1,25	0,264
31-060C	PUI42.00X32.00X1.60	42,00	32,00	1,60	0,445
31-095C	PUI42.50X80.00X2.50	42,50	80,00	2,50	1,354
31-067C	PUI44.00X38.00X1.50	44,00	38,00	1,50	0,475
31-074C	PUI44.00X50.00X1.50	44,00	50,00	1,50	0,572
31-063C	PUI44.60X37.60X5.90	44,60	37,60	5,90	1,725
31-100C	PUI44.60X40.00X1.30	44,60	40,00	1,30	0,470
31-040	PUI45.00X45.00X1.60	45,00	45,00	1,60	0,570
31-094C	PUI45.20X60.00X2.50	45,20	60,00	2,50	1,083
31-096C	PUI45.20X100.00X2.50	45,20	100,00	2,50	1,625
U-399	PUI46.10X16.00X1.20	46,10	16,00	1,20	0,245
U-653	PUI46.30X17.00X1.20	46,30	17,00	1,20	0,246
U-1244C	PUI46.80X46.00X1.50	46,80	46,00	1,50	0,665
31-091C	PUI48.20X41.00X2.20	48,20	41,00	2,20	0,610
U-397	PUI49.40X50.00	49,40	50,00	1,20	0,620
U-655	PUI49.40X50.00X1.40	49,40	50,00	1,40	0,645
U-1184	PUI50.00X25.00X2.00	50,00	25,00	2,00	0,518
31-010	PUI50.00X33.00X2.00	50,00	33,00	2,00	0,603
U-732	PUI50.80X25.40X3.15	50,80	25,40	3,15	0,810
31-054C	PUI50.80X127.00X6.35	50,80	127,00	6,35	3,762
31-043	PUI54.00X35.00X3.17	54,00	35,00	3,17	0,985
31-049	PUI54.50X20.00X2.00	54,50	20,00	2,00	0,482
31-070C	PUI54.50X20.00X2.00	54,50	20,00	2,00	0,478
31-075C	PUI56.00X51.00X2.50	56,00	51,00	2,50	1,019
U-485	PUI60.00X20.00X1.50	60,00	20,00	1,50	0,395
U-489	PUI60.00X25.00X1.50	60,00	25,00	1,50	0,496
31-117C	PUI60.00X35.00X2.00	60,00	35,00	2,00	0,683
31-052C	PUI70.00X50.00X3.00	70,00	50,00	3,00	1,535
31-088C	PUI73.60X10.80X1.20	73,60	10,80	1,20	0,301
31-050	PUI76.00X48.00X6.00	76,00	48,00	6,00	2,717
U-092	PUI80.00X32.00X2.00	80,00	32,00	2,00	0,756
31-076C	PUI81.00X51.00X2.50	81,00	51,00	2,50	1,189
31-065C	PUI100.00X40.00X4.00	100,00	40,00	4,00	1,864
31-102C	PUI101.00X45.00X2.50	101,00	45,00	2,50	1,250
U-093	PUI101.60X50.80X3.15	101,60	50,80	3,15	1,680
31-008	PUI107.00X47.50X2.50	107,00	47,50	2,50	1,329
31-098C	PUI127.00X44.45X4.83	127,00	44,45	4,83	2,753
31-005	PUI130.20X34.92X9.52	130,20	34,92	9,52	4,695
31-085C	PUI150.00X9.90X2.00	150,00	9,80	2,00	0,894
31-121D	PUI150.00X50.00X3.00	150,00	50,00	3,00	1,984
31-017	PUI151.00X84.00X9.00	151,00	84,00	9,00	5,900
31-081D	PUI152.40X50.00X4.00	152,40	50,00	4,00	2,653
31-099C	PUI152.40X51.70X7.98	152,40	51,70	7,98	4,554
31-023	PUI160.00X40.00X2.50	160,00	40,00	2,50	1,592
31-028	PUI170.00X75.00X4.50	170,00	75,00	4,50	3,965
31-101C	PUI177.80X61.10X11.60	177,80	61,10	11,60	8,841
31-024	PUI183.00X15.00X2.00	183,00	15,00	2,00	1,132
31-058E	PUI239.60X40.00X4.80	239,60	40,00	4,80	4,031



LINHA 72 TUBO REDONDO

Cód. Antigo	Cód Novo	Diâm. (D)	Esp. (E)	kg/m
72-151	TR 8.00X1.50	8,00	1,50	0,083
TUB-001	TR 9.52X1.00	9,52	1,00	0,072
TUB-003	TR 9.53X1.59	9,53	1,59	0,107
72-076	TR 10.00X1.50	10,00	1,50	0,108
72-289C	TR 12.50X1.15	12,50	1,15	0,110
TUB-008	TR 12.70X1.00	12,70	1,00	0,100
TUB-009	TR 12.70X1.24	12,70	1,24	0,120
TUB-010	TR 12.70X1.59	12,70	1,59	0,150
TUB-011	TR 12.70X2.00	12,70	2,00	0,182
72-052	TR 14.00X1.00	14,00	1,00	0,110
72-255	TR 15.00X1.00	15,00	1,00	0,119
72-016	TR 15.00X2.65	15,00	2,65	0,278
72-214	TR 15.50X1.50	15,50	1,50	0,178
TUB-021	TR 15.80X3.20	15,80	3,20	0,343
72-309C	TR 15.87X2.60	15,87	2,60	0,161
TUB-017	TR 15.88X1.00	15,88	1,00	0,126
TUB-018	TR 15.88X1.24	15,88	1,24	0,153
TUB-019	TR 15.88X1.59	15,88	1,59	0,192
TUB-020	TR 15.88X2.38	15,88	2,38	0,270
72-293C	TR 15.90X1.20	15,90	1,20	0,150
72-274	TR 17.00X2.00	17,00	2,00	0,255
72-130	TR 17.50X3.25	17,50	3,25	0,392
72-313C	TR 18.40X1.50	18,40	1,50	0,215
72-254	TR 18.50X1.58	18,50	1,58	0,227
TUB-026	TR 19.05X1.00	19,05	1,00	0,153
TUB-027	TR 19.05X1.24	19,05	1,24	0,188
72-361C	TR 19.05X1.40	19,05	1,40	0,210
72-321C	TR 19.05X1.50	19,05	1,50	0,224
TUB-028	TR 19.05X1.59	19,05	1,59	0,236
TUB-0544	TR 19.05X2.50	19,05	2,50	0,352
TUB-030	TR 19.05X3.18	19,05	3,18	0,429
72-037	TR 19.50X1.40	19,50	1,40	0,215
72-319C	TR 19.80X5.80	19,80	5,80	0,689
72-269	TR 19.90X1.20	19,90	1,20	0,191
72-286C	TR 20.00X1.80	20,00	1,80	0,278
72-146	TR 20.00X5.50	20,00	5,50	0,679
72-165	TR 20.50X2.40	20,50	2,40	0,370
72-251	TR 20.70X5.00	20,70	5,00	0,668
72-103	TR 21.30X3.75	21,30	3,75	0,558
72-326C	TR 21.60X1.23	21,60	1,23	0,213
72-260	TR 21.60X1.58	21,60	1,58	0,269
72-015	TR 21.90X1.95	21,90	1,95	0,330
72-247	TR 22.00X1.00	22,00	1,00	0,178
72-004	TR 22.10X1.67	22,10	1,67	0,290
72-298C	TR 22.20X1.23	22,20	1,23	0,218
72-064	TR 22.20X2.20	22,20	2,20	0,373
72-297C	TR 22.20X2.38	22,20	2,38	0,402
TUB-036	TR 22.22X1.00	22,22	1,00	0,180
TUB-037	TR 22.22X1.24	22,22	1,24	0,221
72-314C	TR 22.22X1.50	22,22	1,50	0,264
TUB-038	TR 22.22X1.59	22,22	1,59	0,278
TUB-041	TR 22.22X3.00	22,22	3,00	0,512
72-333C	TR 22.35X1.00	22,35	1,00	0,181
72-270	TR 22.40X1.00	22,40	1,00	0,182
72-121	TR 22.40X5.85	22,40	5,85	0,830
72-272	TR 24.00X1.58	24,00	1,58	0,301
TUB-176	TR 24.00X2.50	24,00	2,50	0,457
72-227	TR 24.50X6.00	24,50	6,00	0,945
72-304C	TR 25.00X1.58	25,00	1,58	0,315
72-283C	TR 25.20X1.00	25,20	1,00	0,206

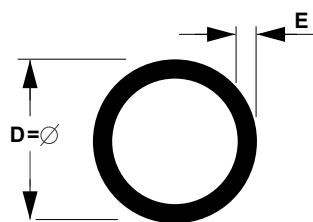
Cód. Antigo	Cód Novo	Diâm. (D)	Esp. (E)	kg/m
72-290C	TR 25.25X1.90	25,25	1,90	0,382
72-291C	TR 25.25X3.10	25,25	3,10	0,588
TUB-044	TR 25.40X1.00	25,40	1,00	0,206
TUB-045	TR 25.40X1.24	25,40	1,24	0,255
72-288C	TR 25.40X1.40	25,40	1,40	0,286
72-241	TR 25.40X1.50	25,40	1,50	0,305
TUB-046	TR 25.40X1.59	25,40	1,59	0,321
TUB-222	TR 25.40X2.00	25,40	2,00	0,398
TUB-047	TR 25.40X2.40	25,40	2,40	0,466
TUB-048	TR 25.40X3.18	25,40	3,18	0,601
72-266	TR 25.40X4.80	25,40	4,80	0,850
72-127	TR 25.40X6.55	25,40	6,55	1,047
72-080	TR 26.70X2.20	26,70	2,20	0,457
72-028	TR 28.00X1.10	28,00	1,10	0,250
72-359C	TR 28.50X7.00	28,50	7,00	1,281
72-360C	TR 28.57X3.97	28,57	3,97	0,831
72-276C	TR 28.58X1.00	28,58	1,00	0,232
TUB-053	TR 28.58X1.58	28,58	1,58	0,363
72-166	TR 28.80X1.70	28,80	1,70	0,392
72-222	TR 30.00X3.50	30,00	3,50	0,789
72-161	TR 30.00X4.50	30,00	4,50	0,977
72-098	TR 30.00X5.10	30,00	5,10	1,077
72-310C	TR 30.00X16.20	30,00	16,20	1,357
72-282C	TR 31.60X1.00	31,60	1,00	0,266
TUB-461	TR 31.75X1.10	31,75	1,10	0,262
72-364C	TR 31.75X1.20	31,75	1,20	0,312
TUB-058	TR 31.75X1.59	31,75	1,59	0,408
TUB-060	TR 31.75X2.38	31,75	2,38	0,592
TUB-580	TR 31.75X3.05	31,75	3,05	0,745
TUB-061	TR 31.75X3.17	31,75	3,17	0,770
TUB-059	TR 31.80X2.00	31,80	2,00	0,506
72-353C	TR 32.00X5.75	32,00	5,75	1,285
72-091	TR 33.30X6.75	33,30	6,75	1,520
TUB-066	TR 33.40X3.38	33,40	3,38	0,860
72-167	TR 33.60X2.30	33,60	2,30	0,612
72-022	TR 34.50X8.90	34,50	8,90	1,940
72-325C	TR 34.70X1.20	34,70	1,20	0,397
72-072	TR 34.70X1.85	34,70	1,85	0,515
72-073	TR 34.70X2.85	34,70	2,85	0,770
72-329C	TR 34.70X11.95	34,70	11,95	2,314
TUB-653C	TR 34.92X3.17	34,92	3,17	0,856
72-338C	TR 34.93X4.15	34,93	4,15	1,086
72-133	TR 35.00X1.50	35,00	1,50	0,426
72-301C	TR 37.70X1.00	37,70	1,00	0,312
72-295C	TR 38.10X.10	38,10	1,10	0,346
72-265	TR 38.10X1.30	38,10	1,30	0,407
TUB-069	TR 38.10X1.50	38,10	1,50	0,467
72-055	TR 38.10X2.00	38,10	2,00	0,612
TUB-215	TR 38.10X2.38	38,10	2,38	0,721
72-233	TR 38.10X2.60	38,10	2,60	0,785
TUB-070	TR 38.10X3.18	38,10	3,18	0,940
72-210	TR 38.10X6.75	38,10	6,75	1,802
72-292C	TR 38.10X7.05	38,10	7,05	1,863
72-285C	TR 38.20X1.55	38,20	1,55	0,483
72-320C	TR 38.40X1.10	38,40	1,10	0,349
72-354C	TR 38.50X6.00	38,50	6,00	1,660
72-156	TR 39.20X1.60	39,20	1,60	0,512
72-267	TR 40.00X2.60	40,00	2,60	0,827
72-263	TR 41.50X7.40	41,50	7,40	2,148
72-205	TR 42.00X7.00	42,00	7,00	2,085



LINHA 72 TUBO REDONDO

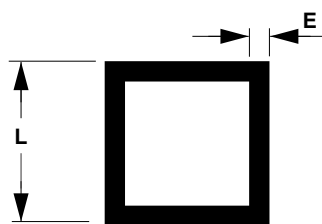
Cód. Antigo	Cód Novo	Diâm. (D)	Esp. (E)	kg/m
TUB-471	TR 42.20X4.50	42,20	4,50	1,444
72-102	TR 42.80X7.90	42,80	7,90	2,338
72-142	TR 43.00X1.80	43,00	1,80	0,630
TUB-081	TR 44.45X1.58	44,45	1,58	0,576
72-199	TR 44.45X2.50	44,45	2,50	0,892
72-207	TR 44.45X3.17	44,45	3,17	1,114
72-315C	TR 45.00X2.00	45,00	2,00	0,732
72-017	TR 46.00X12.00	46,00	12,00	3,458
72-328C	TR 46.40X12.85	46,40	12,85	3,670
72-155	TR 47.60X9.15	47,60	9,15	1,012
72-262	TR 48.50X7.35	48,50	7,35	2,574
72-261	TR 48.50X8.25	48,50	8,25	2,827
72-257	TR 50.00X2.00	50,00	2,00	0,817
72-169	TR 50.80X1.27	50,80	1,27	0,533
TUB-609	TR 50.80X1.45	50,80	1,45	0,609
72-185	TR 50.80X1.60	50,80	1,60	0,670
72-213	TR 50.80X1.65	50,80	1,65	0,690
72-268	TR 50.80X1.80	50,80	1,80	0,771
TUB-0091	TR 50.80X2.00	50,80	2,00	0,827
72-264	TR 50.80X3.00	50,80	3,00	1,220
TUB-092	TR 50.80X3.18	50,80	3,18	1,289
72-236	TR 50.80X4.00	50,80	4,00	1,593
72-252	TR 50.80X6.35	50,80	6,35	2,403
72-271	TR 50.80X8.05	50,80	8,05	2,929
TUB-652C	TR 53.00X9.60	53,00	9,60	3,547
72-182	TR 55.00X2.00	55,00	2,00	0,902
72-287D	TR 55.00X2.44	55,00	2,44	1,090
72-180	TR 55.00X6.00	55,00	6,00	2,503
72-099	TR 55.50X9.90	55,50	9,90	3,830
72-183	TR 57.20X2.38	57,20	2,38	1,110
72-228	TR 58.40X10.80	58,40	10,80	4,380
72-232	TR 60.00X1.50	60,00	1,50	0,747
72-197	TR 60.00X2.00	60,00	2,00	0,987
72-105	TR 60.00X4.50	60,00	4,50	2,118
72-212	TR 60.00X10.00	60,00	10,00	4,256
72-186	TR 60.30X2.50	60,30	2,50	1,230
72-253	TR 60.69X1.82	60,69	1,82	0,912
72-327C	TR 62.00X2.00	62,00	2,00	1,021
72-246	TR 62.00X11.00	62,00	11,00	4,776
TUB-156	TR 63.00X1.50	63,00	1,50	0,782
72-243	TR 63.00X1.80	63,00	1,80	0,937
72-189	TR 63.50X1.60	63,50	1,60	0,843
72-081	TR 63.50X1.65	63,50	1,65	0,865
72-198	TR 63.50X1.70	63,50	1,70	0,894
72-158	TR 63.50X2.50	63,50	2,50	1,298
72-223	TR 63.50X3.05	63,50	3,05	1,569
72-148	TR 63.50X3.18	63,50	3,18	1,633
72-101	TR 63.50X11.25	63,50	11,25	4,985
72-040	TR 64.00X2.00	64,00	2,00	1,051
72-194	TR 64.00X8.50	64,00	8,50	4,016
72-008	TR 65.00X1.50	65,00	1,50	1,711
72-322C	TR 65.00X9.50	65,00	9,50	4,488
72-118	TR 65.00X10.85	65,00	10,85	4,984
72-211	TR 66.00X1.50	66,00	1,50	0,823
72-106	TR 67.00X9.50	67,00	9,50	4,633
72-279C	TR 67.50X11.00	67,50	11,00	5,291
72-093	TR 69.85X3.17	69,85	3,17	1,792
72-014	TR 70.00X1.50	70,00	1,50	0,871
72-009	TR 70.00X3.00	70,00	3,00	0,871
72-120	TR 70.00X3.50	70,00	3,50	1,981
72-179	TR 70.00X6.00	70,00	6,00	3,269
72-104	TR 70.00X11.75	70,00	11,75	5,805

Cód. Antigo	Cód Novo	Diâm. (D)	Esp. (E)	kg/m
72-277C	TR 73.00X2.00	73,00	2,00	1,208
72-275	TR 73.00X3.00	73,00	3,00	1,787
72-307C	TR 75.00X2.00	75,00	2,00	1,242
TUB-324	TR 76.20X1.27	76,20	1,27	0,807
72-163	TR 76.20X1.58	76,20	1,58	1,004
72-201	TR 76.20X1.70	76,20	1,70	1,078
72-206	TR 76.20X2.00	76,20	2,00	1,263
72-324C	TR 76.20X2.35	76,20	2,35	1,477
72-159	TR 76.20X2.50	76,20	2,50	1,569
TUB-167	TR 76.20X3.00	76,20	3,00	1,869
72-117	TR 76.20X3.18	76,20	3,18	1,966
TUB-139	TR 76.20X4.76	76,20	4,76	2,896
72-302C	TR 76.20X5.60	76,20	5,60	3,365
72-248	TR 77.00X2.00	77,00	2,00	1,277
TUB-157	TR 80.00X1.60	80,00	1,60	1,067
TUB-112	TR 80.00X2.00	80,00	2,00	1,323
72-330C	TR 80.00X2.50	80,00	2,50	1,649
72-090	TR 80.00X8.00	80,00	8,00	4,885
72-219	TR 82.00X2.50	82,00	2,50	1,685
TUB-248	TR 84.60X4.00	84,60	4,00	2,734
72-281C	TR 88.90X2.00	88,90	2,00	1,479
72-196	TR 90.00X2.00	90,00	2,00	1,498
72-137	TR 90.00X3.00	90,00	3,00	2,213
72-250	TR 91.00X5.50	91,00	5,50	4,003
72-296C	TR 95.00X4.00	95,00	4,00	3,098
72-240	TR 97.20X3.50	97,20	3,50	2,792
72-256	TR 98.90X1.74	98,90	1,74	2,960
72-299C	TR 100.00X1.50	100,00	1,50	1,257
72-200	TR 100.00X2.00	100,00	2,00	1,668
72-168	TR 100.00X7.00	100,00	7,00	5,547
TUB-337	TR 101.60X1.20	101,60	1,20	1,025
72-190	TR 101.60X1.58	101,60	1,58	1,345
72-172	TR 101.60X2.00	101,60	2,00	1,695
72-238	TR 101.60X2.35	101,60	2,35	5,149
72-303C	TR 101.60X2.38	101,60	2,38	2,010
TUB-182	TR 101.60X2.60	101,60	2,60	2,191
TUB-649	TR 101.60X3.17	101,60	3,17	2,656
72-225	TR 102.00X2.00	102,00	2,00	1,702
72-191	TR 102.75X2.55	102,75	2,55	2,175
72-365C	TR 103.90X3.00	103,90	3,00	2,577
TUB-362	TR 105.00X3.50	105,00	3,50	3,024
72-218	TR 107.90X3.00	107,90	3,00	2,679
72-171	TR 110.00X1.70	110,00	1,70	1,567
72-176	TR 110.00X2.50	110,00	2,50	2,288
72-259	TR 110.00X3.50	110,00	3,50	3,173
72-323C	TR 114.30X3.05	114,30	3,05	2,888
72-284C	TR 114.30X3.85	114,30	3,85	3,620
TUB-137	TR 114.30X9.53	114,30	9,53	8,500
72-249	TR 120.00X1.70	120,00	1,70	1,712
72-217	TR 120.00X3.50	120,00	3,50	3,471
72-202	TR 127.00X3.00	127,00	3,00	3,167
72-347D	TR 127.00X3.18	127,00	3,18	3,352
72-335C	TR 127.00X8.50	127,00	8,50	8,575
72-278C	TR 130.00X3.00	130,00	3,00	3,243
72-221	TR 150.00X4.00	150,00	4,00	4,972
72-317D	TR 152.40X1.60	152,40	1,60	2,054
72-294D	TR 152.40X3.18	152,40	3,18	4,033
72-357C	TR 163.00X5.30	163,00	5,30	7,116
TUB-135	TR 168.30X7.11	168,30	7,11	9,756
72-305D	TR 178.00X14.50	178,00	14,50	20,183
TUB-650C	TR 219.10X8.18	219,10	8,18	14,687



TUBOS SCHEDULE

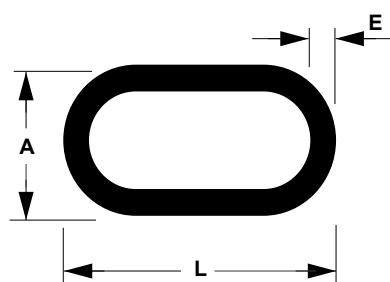
Cód. Antigo	Cód Novo	Ø nom. pol.	Asa Schedule	Diâm. (D)	Esp. (E)	kg/m
TUB-034	TS21.34X2.77	1/2	40	21,34	2,77	0,436
TUB-050	TS26.67X2.87	3/4	40	26,67	2,87	0,579
TUB-075	TS42.17X3.56	1 1/4	40	42,17	3,56	1,165
TUB-088	TS48.26X3.68	1 1/2	40	48,26	3,68	1,396
TUB-602	TS60.33X8.71	2	160	60,33	8,71	3,829
TUB-101	TS60.33X5.54	2	80	60,33	5,54	2,584
TUB-100	TS60.33X3.91	2	40	60,33	3,91	1,878
TUB-110	TS70.03X7.01	2 1/2	80	70,03	7,01	3,925
TUB-109	TS70.03X5.16	2 1/2	40	70,03	5,16	2,981
TUB-117	TS88.90X5.50	3	40	88,90	5,50	3,898
TUB-122	TS101.60X5.74	3 1/2	40	101,60	5,74	4,791
TUB-610	TS114.30X11.10	4	120	114,30	11,10	9,752
TUB-127	TS114.30X8.56	4	80	114,30	8,56	7,706
TUB-125	TS114.30X6.02	4	40	114,30	6,02	5,549
TUB-131	TS127.00X9.01	4 1/2	160	127,00	9,01	9,050
TUB-129	TS127.00X6.27	4 1/2	40	127,00	6,27	6,444
TUB-614	TS141.30X12.70	5	120	141,30	12,70	13,904
TUB-133	TS141.30X9.52	5	80	141,30	9,52	10,680
TUB-132	TS141.30X6.55	5	40	141,30	6,55	7,514



LINHA 73 E TUBO QUADRADO

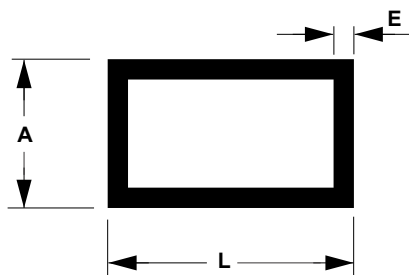
Cód. Antigo	Cód. Novo	Largura (E)	Esp. (E)	kg/mm
73-005	TQ12.70X1.58	12,70	1,58	0,189
TUB-4001	TQ12.70X1.65	12,70	1,65	0,196
TUB-4002	TQ15.90X1.50	15,90	1,50	0,233
TUB-4038	TQ19.00X1.20	19,00	1,20	0,231
TUB-4003	TQ19.05X1.50	19,05	1,50	0,285
78-1105C	TQ19.05X1.58	19,05	1,58	0,282
73-029C	TQ19.10X1.10	19,10	1,10	0,214
73-003	TQ22.22X1.30	22,22	1,30	0,293
73-007	TQ25.20X1.50	25,20	1,50	0,385
73-015C	TQ25.40X1.00	25,40	1,00	0,264
TUB-4007	TQ25.40X1.20	25,40	1,20	0,314
TUB-4008	TQ25.40X1.50	25,40	1,50	0,389
73-024C	TQ25.40X2.00	25,40	2,00	0,507
78-1930C	TQ30.00X2.00	30,00	2,00	0,607
TUB-4046	TQ30.00X4.00	30,00	4,00	1,127
TUB-4011	TQ31.75X1.50	31,75	1,50	0,492
78-1932C	TQ35.00X2.00	35,00	2,00	0,715
73-020C	TQ38.10X1.00	38,10	1,00	0,402
73-027C	TQ38.10X1.20	38,10	1,20	0,478
TUB-4014	TQ38.10X1.50	38,10	1,50	0,595
73-023C	TQ40.00X2.00	40,00	2,00	0,823
78-1937C	TQ40.00X2.50	40,00	2,50	0,960
73-022C	TQ40.00X3.00	40,00	3,00	1,203

Cód. Antigo	Cód. Novo	Largura (E)	Esp. (E)	kg/mm
78-1204C	TQ42.00X2.00	42,00	2,00	0,867
73-008	TQ44.45X2.68	44,45	2,68	1,211
73-011	TQ50.00X5.00	50,00	5,00	2,439
73-026C	TQ50.80X1.30	50,80	1,30	0,694
73-010	TQ50.80X1.58	50,80	1,58	0,842
TUB-4020	TQ50.80X2.00	50,80	2,00	1,057
73-006	TQ50.80X3.00	50,80	3,00	1,554
TUB-4048	TQ50.80X3.18	50,80	3,18	1,635
73-001	TQ50.80X6.35	50,80	6,35	3,050
75-015C	TQ51.00X3.20	51,00	3,20	1,639
73-004	TQ60.00X3.50	60,00	3,50	2,123
TUB-4030	TQ65.00X2.00	65,00	2,00	1,365
73-030C	TQ75.00X1.40	75,00	1,40	1,117
73-016C	TQ76.20X2.00	76,20	2,00	1,608
TUB-4067	TQ76.20X3.17	76,20	3,17	2,509
TUB-4034	TQ80.00X1.80	80,00	1,80	1,525
73-028C	TQ88.90X1.40	88,90	1,40	1,328
73-014D	TQ101.60X1.70	101,60	1,70	1,840
TUB-4054	TQ101.60X2.50	101,60	2,50	2,675
73-012	TQ101.60X3.20	101,60	3,20	3,341
73-019E	TQ150.00X6.35	150,00	6,35	9,679
73-025E	TQ152.40X2.50	152,40	2,50	4,062
78-1731E	TQ152.40X3.80	152,40	3,80	6,121



LINHAS 75 E TUBO OBLONGO

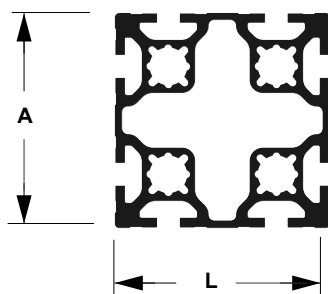
Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	PESO (KG/M)
MG16-350	TO15.00X8.00X1.00	15,00	8,00	1,00	97,17
78-1225C	TO20.00X11.00X1.10	20,00	11,00	1,10	0,145
78-1506C	TO29.50X18.00X1.20	29,50	18,00	1,20	0,246
75-009	TO30.00X12.00X1.40	30,00	12,00	1,40	0,265
75-014	TO30.00X15.00X1.30	30,00	15,00	1,30	0,255
78-1706C	TO30.00X15.00X1.50	30,00	15,00	1,50	0,294
75-003	TO35.00X20.00X1.50	35,00	20,00	1,50	0,357
78-1317C	TO40.00X25.40X2.50	40,00	25,40	2,50	0,691
75-008	TO50.00X12.00X1.50	50,00	12,00	1,50	0,443
78-1245C	TO82.00X34.00X1.20	82,00	34,00	1,20	0,647
78-857	TO100.00X33.00X1.40	100,00	33,00	1,40	0,885
78-1596C	TO108.00X21.00X2.00	108,00	21,00	2,00	1,266
78-1027	TO109.00X22.00X2.50	109,00	22,00	2,50	1,593
78-1729D	TO180.00X60.00X3.00	180,00	60,00	3,00	3,332



LINHAS 74 E TUBO RETANGULAR

Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	kg/m
74-021	TG20.00X12.00X1.50	20,00	12,00	1,50	0,235
75-018C	TG25.00X20.00X1.10	25,00	20,00	1,10	0,232
74-032	TG25.40X12.70X1.00	25,40	12,70	1,00	0,195
78-309	TG25.40X12.70X1.30	25,40	12,70	1,30	0,242
TUB-4584	TG25.40X12.70X1.58	25,40	12,70	1,58	0,299
TUB-4501	TG25.40X12.70X1.65	25,40	12,70	1,65	0,311
75-025C	TG26.25X23.40X1.40	26,25	23,40	1,40	0,327
74-009	TG28.00X9.00X1.40	28,00	9,00	1,40	0,258
74-007	TG28.00X18.50X1.50	28,00	18,50	1,50	0,330
74-041C	TG30.00X10.00X1.50	30,00	10,00	1,50	0,300
74-052C	TG30.00X15.00X2.00	30,00	15,00	2,00	0,435
74-011	TG30.00X20.00X1.30	30,00	20,00	1,30	0,306
TUB-4509	TG30.00X20.00X2.00	30,00	20,00	2,00	0,497
75-013	TG30.00X22.50X1.00	30,00	22,50	1,00	0,252
75-006	TG30.00X22.50X1.10	30,00	22,50	1,10	0,276
74-010	TG30.00X25.50X1.30	30,00	22,50	1,30	0,324
78-1164C	TG33.00X20.00X1.15	33,00	20,00	1,15	0,300
74-034C	TG36.00X20.00X1.30	36,00	20,00	1,30	0,375
74-016	TG38.10X25.40X1.20	38,10	25,40	1,20	0,397
74-037C	TG38.10X25.40X1.58	38,10	25,40	1,58	0,516
TUB-4545	TG38.10X25.40X2.00	38,10	25,40	2,00	0,642
75-004	TG38.20X17.60X1.10	38,20	17,60	1,10	0,312
74-012	TG40.00X20.00X1.30	40,00	20,00	1,30	0,380
74-028	TG40.00X20.00X1.50	40,00	20,00	1,50	0,463
74-025	TG40.00X20.00X2.00	40,00	20,00	2,00	0,604
74-054C	TG40.00X20.00X3.00	40,00	20,00	3,00	0,878
75-012	TG40.00X22.50X1.00	40,00	22,50	1,00	0,306
75-005	TG40.00X22.50X1.10	40,00	22,50	1,10	0,335
78-1931C	TG45.00X35.00X2.00	45,00	35,00	2,00	0,823
74-005	TG46.00X23.00X1.00	46,00	23,00	1,00	0,363
74-031	TG49.80X49.80X1.40	49,80	49,80	1,40	0,711
78-1781C	TG50.00X20.00X1.30	50,00	20,00	1,30	0,474
74-008	TG50.00X30.00X2.00	50,00	30,00	2,00	0,821
74-045C	TG50.80X12.70X1.00	50,80	12,70	1,00	0,333
TUB-4536	TG50.80X12.70X1.50	50,80	12,70	1,50	0,492
74-001	TG50.80X25.40X1.00	50,80	25,40	1,00	0,402
TUB-4563	TG50.80X25.40X1.20	50,80	25,40	1,20	0,479
74-042C	TG50.80X25.40X1.30	50,80	25,40	1,30	0,490
TUB-4569	TG50.80X25.40X1.60	50,80	25,40	1,60	0,630
TUB-4504	TG50.80X25.40X2.00	50,80	25,40	2,00	0,780
74-020	TG50.80X38.10X1.58	50,80	38,10	1,58	0,734
74-026	TG50.80X38.10X2.00	50,80	38,10	2,00	0,920

Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	Esp. (E)	kg/m
74-049C	TG50.80X50.80X1.30	50,80	50,80	1,30	0,697
74-050C	TG50.80X50.80X1.80	50,80	50,80	1,80	0,956
74-022	TG53.00X9.50X1.40	53,00	9,50	1,40	0,452
74-064C	TG53.80X41.10X1.00	53,80	41,10	1,00	0,497
74-038C	TG54.00X27.00X2.00	54,00	27,00	2,00	0,820
74-015	TG60.30X38.10X1.40	60,30	38,10	1,40	0,725
78-001	TG60.30X38.10X1.50	60,30	38,10	1,50	0,824
TUB-4543	TG60.30X38.10X1.70	60,30	38,10	1,70	0,870
74-033C	TG64.00X64.00X4.00	64,00	64,00	4,00	2,689
74-029	TG70.00X35.00X1.30	70,00	35,00	1,30	0,761
74-006	TG72.00X35.00X1.40	72,00	35,00	1,40	0,790
74-023	TG76.20X25.40X1.58	76,20	25,40	1,58	0,842
74-059C	TG76.20X38.10X1.30	76,20	38,10	1,30	0,790
74-002	TG76.20X38.10X1.50	76,20	38,10	1,50	0,904
TUB-4517A	TG76.20X38.10X1.90	76,20	38,10	1,90	1,137
TUB-4517	TG76.20X38.10X2.00	76,20	38,10	2,00	1,196
TUB-4518	TG76.20X38.10X3.00	76,20	38,10	3,00	1,780
TUB-4573	TG76.20X50.80X3.18	76,20	50,80	3,18	2,079
74-043C	TG76.30X25.250X1.40	76,30	25,50	1,40	0,746
74-065C	TG80.00X40.00X4.00	80,00	40,00	4,00	2,432
74-027	TG80.00X40.00X5.00	80,00	40,00	5,00	2,981
74-047C	TG80.00X60.00X2.00	80,00	60,00	2,00	1,474
74-004	TG83.90X57.10X3.17	83,90	57,10	3,17	2,300
74-040C	TG100.00X40.00X1.50	100,00	40,00	1,50	1,113
74-018	TG101.60X25.40X3.18	101,60	25,40	3,18	2,076
TUB-4537	TG101.60X38.10X2.40	101,60	38,10	2,40	1,754
74-060C	TG101.60X50.80X1.50	101,60	50,80	1,50	1,220
74-024	TG101.60X50.80X1.60	101,60	50,80	1,60	1,293
74-003	TG101.60X50.80X2.00	101,60	50,80	2,00	1,602
74-053C	TG101.60X50.80X2.40	101,60	50,80	2,40	1,919
TUB-4530	TG101.60X50.80X3.05	101,60	50,80	3,05	2,418
74-014	TG101.60X50.80X4.60	101,60	50,80	4,60	3,570
74-058C	TG101.60X101.60X1.70	101,60	101,60	1,70	1,841
74-035C	TG118.00X45.00X3.00	118,00	45,00	3,00	2,552
78-1831C	TG120.00X75.00X3.00	120,00	75,00	3,00	3,519
74-048C	TG125.00X80.00X2.00	125,00	80,00	2,00	2,178
TUB-4600	TG127.00X50.00X3.17	127,00	50,00	3,17	2,945
74-017	TG130.00X50.80X2.50	130,00	50,80	2,50	2,043
74-036C	TG152.40X38.10X2.00	152,40	38,10	2,00	2,021
TUB-4520	TG152.40X38.10X3.20	152,40	38,10	3,20	3,193
TUB-4559	TG152.40X50.80X3.00	152,40	50,80	3,00	3,206



LINHAS ENGENHARIA E AUTOMAÇÃO

VERSÕES DE PERFIS: QUADRADO E RETANGULAR

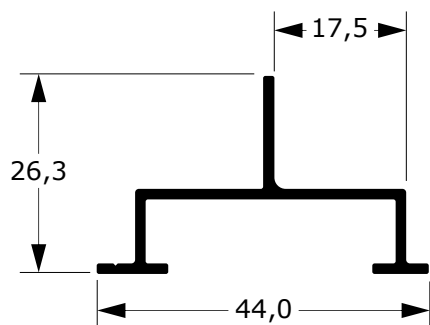
Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	kg/m
78-127	ENG78127	30	30	0,629
78-323	ENG78323	30	30	0,789
78-468	ENG78468	30	30	0,991
78-481	ENG78481	30	30	0,904
78-589	ENG78589	30	30	0,986
78-718	ENG78178	30	30	0,788
78-911	ENG78911	30	30	1,002
78-249	ENG78249	40	40	1,939
78-266	ENG78266	40	40	1,772
78-325	ENG78325	40	40	1,154
78-389	ENG78389	40	40	1,504
78-427	ENG78427	40	40	1,381
78-590	ENG78590	40	40	1,703
78-591	ENG78591	40	40	1,876
78-692	ENG78692	40	40	1,361
78-922	ENG78922	40	40	1,556
78-1687E	ENG781687E	40	40	1,259
78-2007D	ENG782007D	40	40	1,298
78-125	ENG78125	45	45	1,541
78-129	ENG78129	45	45	2,184
78-239	ENG78239	45	45	2,135
78-240	RNG78240	45	45	1,534
78-317	RNG78317	45	45	2,135
78-322	ENG78322	45	45	2,170
78-326	ENG78326	45	45	1,545
78-496	ENG78496	45	45	1,608
78-592	ENG78592	45	45	1,632
78-693	ENG78693	45	45	1,565

Cód. Antigo	Cód. Novo	Largura (L)	Altura (A)	kg/m
78-824	ENG78824	45	45	1,583
78-866	ENG78866	45	45	1,745
78-460	ENG78460	50	50	2,077
78-622	ENG78622	60	60	2,650
78-1346D	ENG781346D	80	80	3,513
78-225	ENG78225	80	80	5,465
78-588	ENG78588	80	80	5,828
78-732	ENG78732	80	80	5,336
78-707	ENG78707	40	20	0,729
78-262	ENG78262	60	30	1,613
78-324	ENG78234	60	30	1,373
78-515	ENG78515	60	30	1,596
78-540	ENG78540	60	45	2,209
78-226	ENG78226	80	40	3,552
78-494	ENG78494	80	40	3,130
78-694	ENG78694	80	40	2,380
78-1870E	ENG781870E	84	40	3,588
78-250	ENG78250	90	45	3,890
78-321	ENG321	90	45	3,698
78-420	ENG78420	90	45	3,827
78-495	ENG78495	90	45	2,999
78-1339E	ENG781339E	90	45	3,910
78-617	ENG78617	100	30	2,390
78-224	ENG78224	100	50	0,506
78-541	ENG78541	100	50	5,010
78-624	ENG78624	100	50	5,000
78-734	ENG78734	100	50	4,508
78-950	ENG78950	100	50	4,829

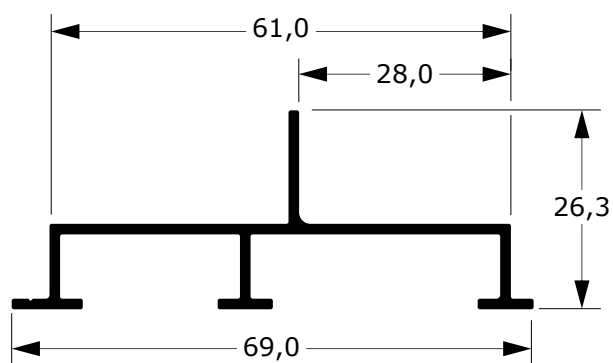
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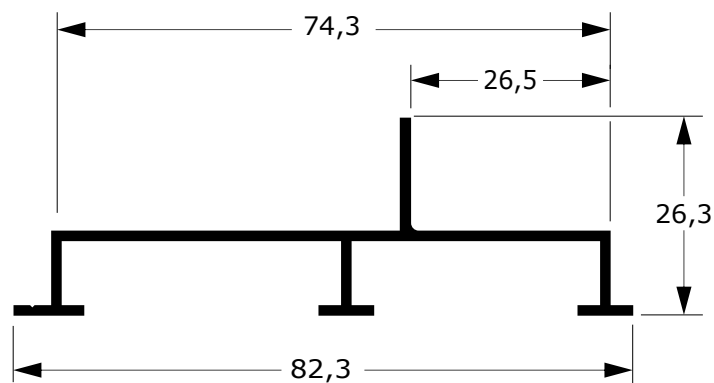
CONTRAMARCOS MACHO & CUNHA ARREMATES

**CA-204**

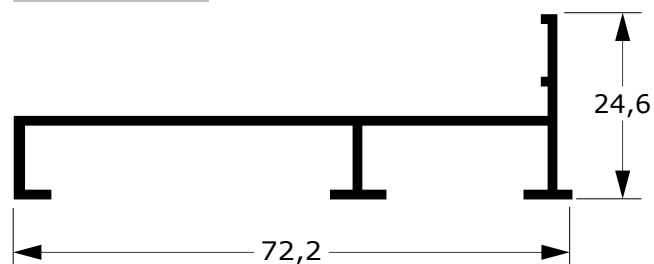
0,327 Kg/m

**CA-126**

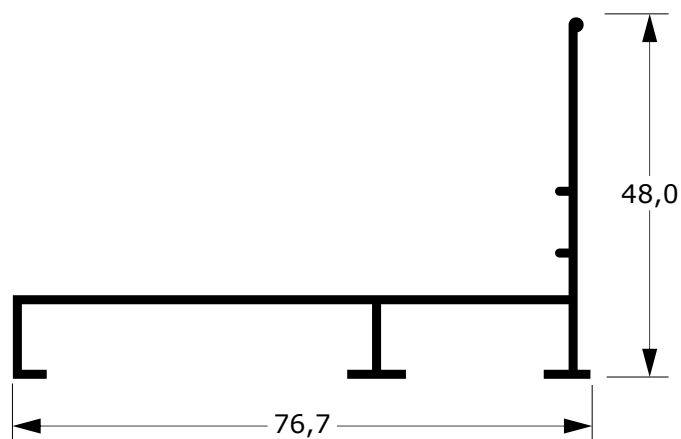
0,477 Kg/m

**CA-125**

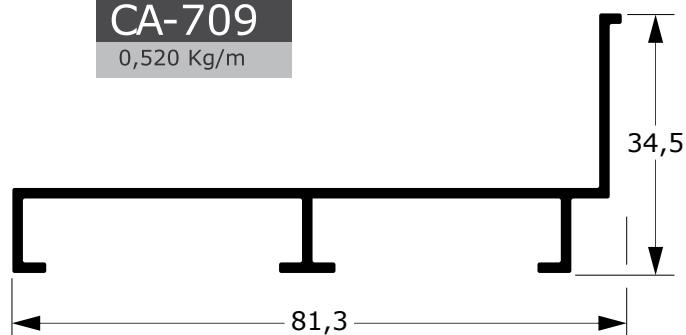
0,531 Kg/m

**CA-113**

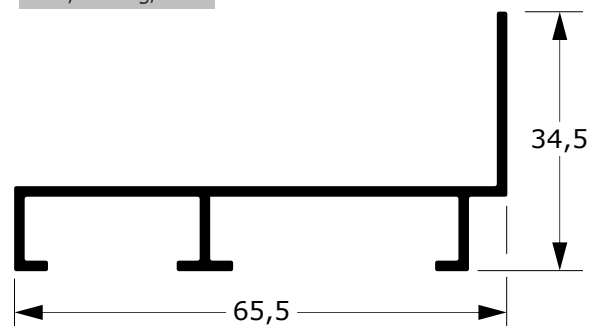
0,468 Kg/m

**CA-709**

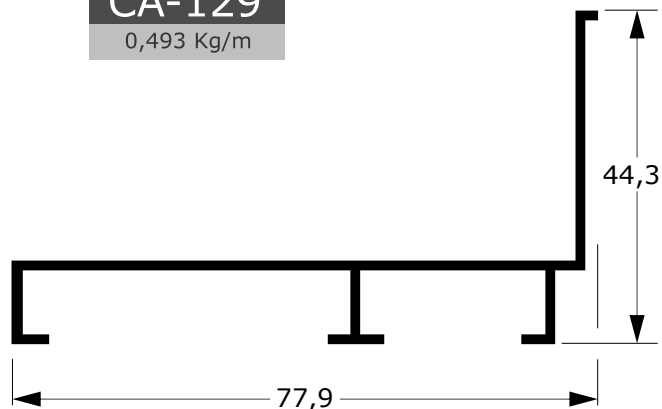
0,520 Kg/m

**CA-028**

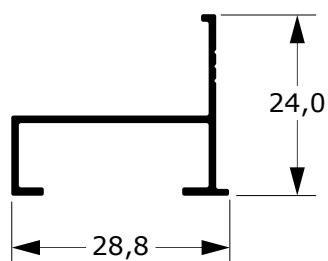
0,554 Kg/m

**CA-129**

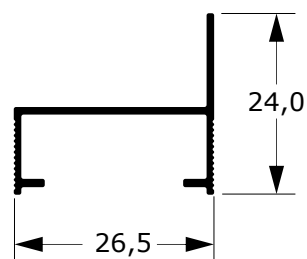
0,493 Kg/m

**CA-517**

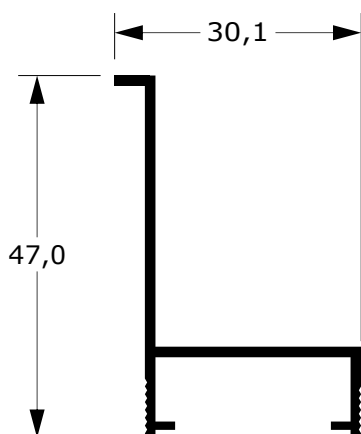
0,531 Kg/m



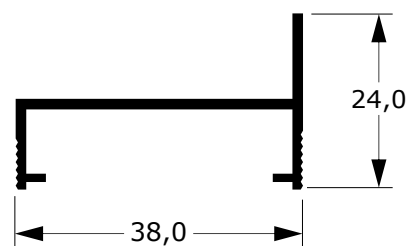
CA-721A
0,188 Kg/m



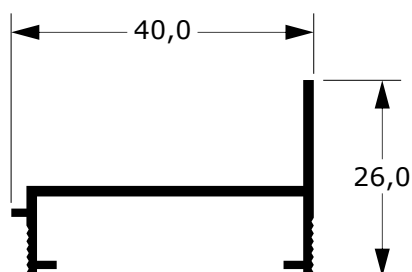
CA-063A
0,175 Kg/m



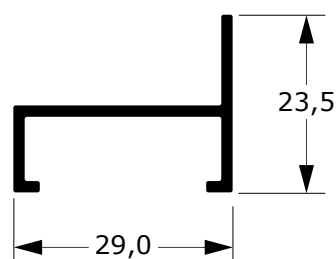
CA-151
0,333 Kg/m



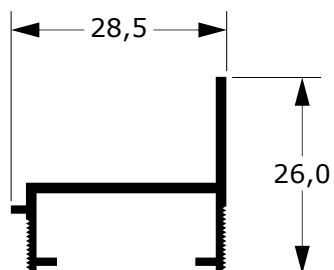
CA-060A
0,223 Kg/m



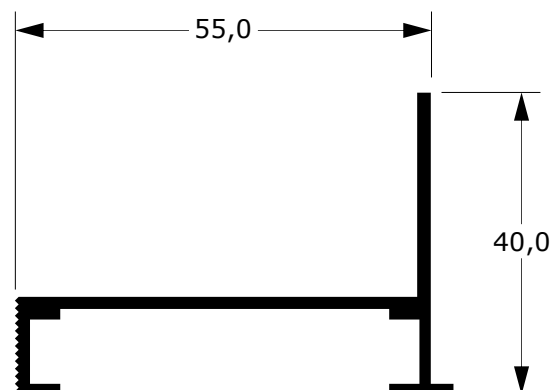
39-118
0,293 Kg/m



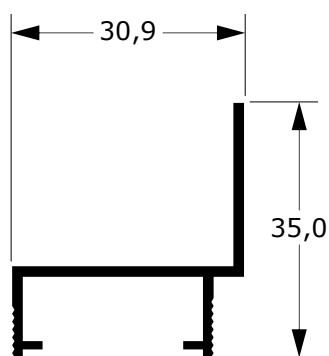
Y-120
0,263 Kg/m
(25-557)



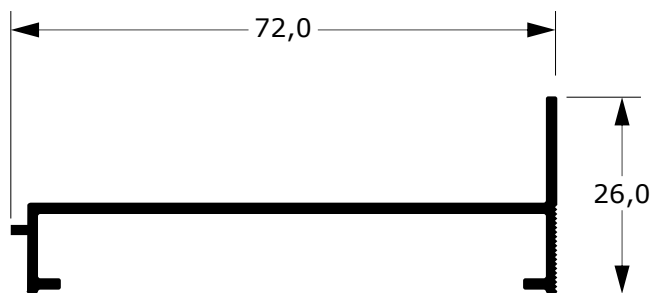
39-126
0,245 Kg/m



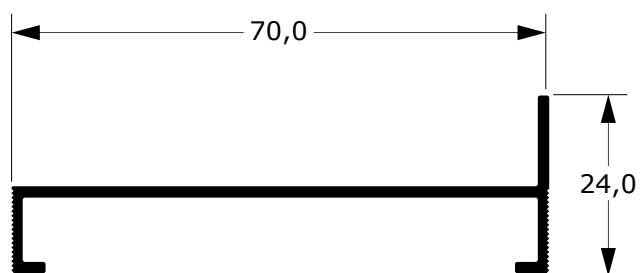
39-161
0,544 Kg/m

**39-500**

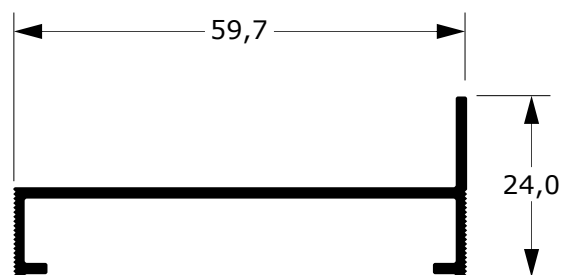
0,295 kg/m

**39-119**

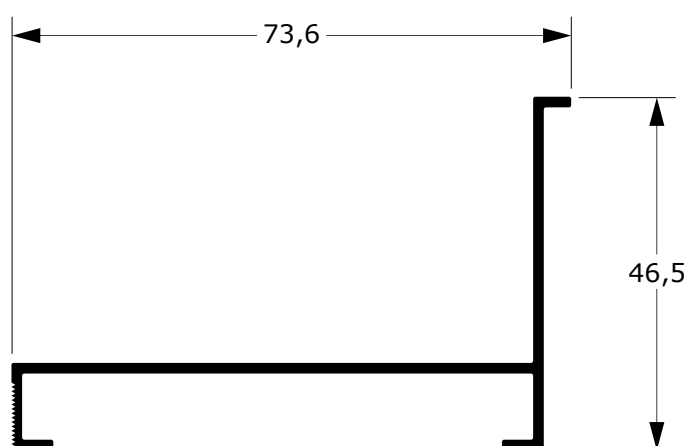
0,414 Kg/m

**CA-096**

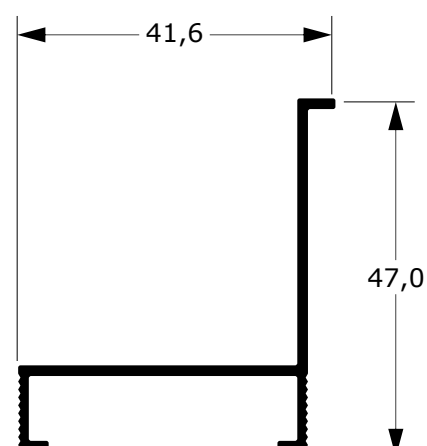
0,394 Kg/m

**39-341**

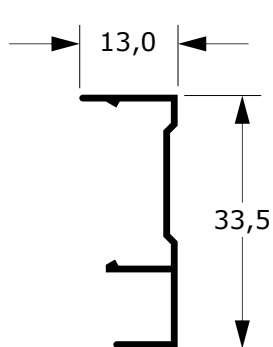
0,392 Kg/m

**CA-032**

0,513 Kg/m

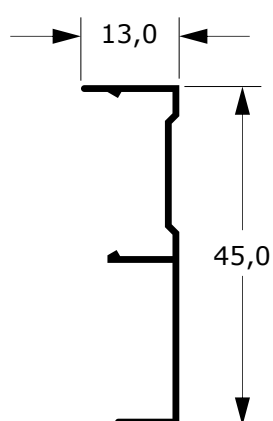
**CA-098**

0,377 Kg/m

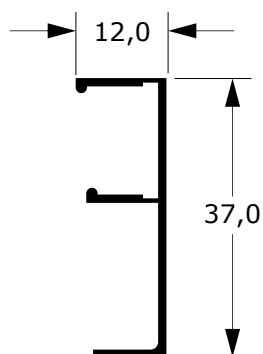
**E-504**

0,156 Kg/m

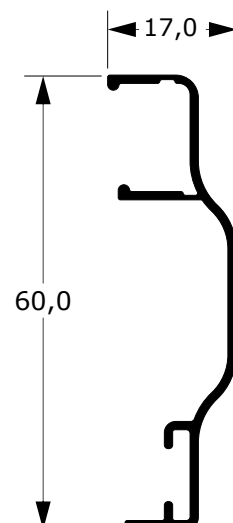
(CM-111)

**39-065**

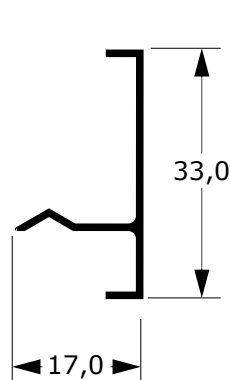
0,184 Kg/m

**RA-347**

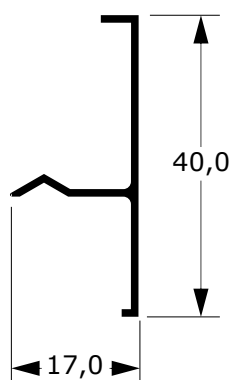
0,197 Kg/m

**RA-1175**

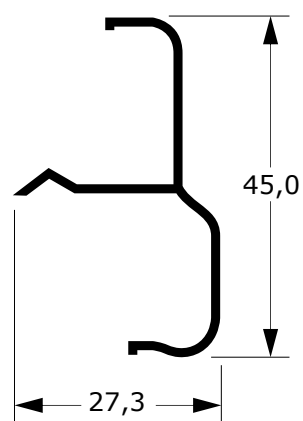
0,297 kg/m

**RA-007**

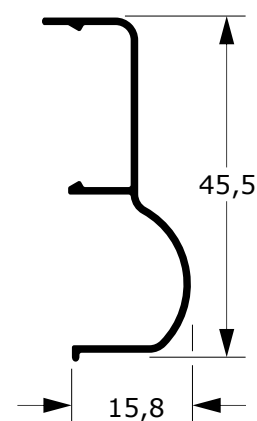
0,157 Kg/m

**RA-006**

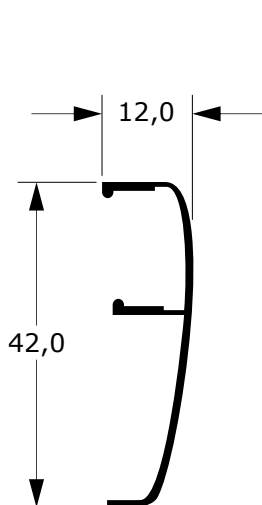
0,168 Kg/m

**39-448**

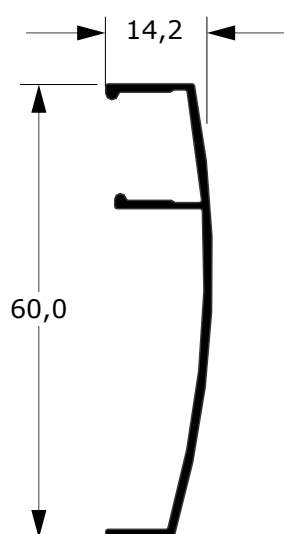
0,283 Kg/m

**39-1009**

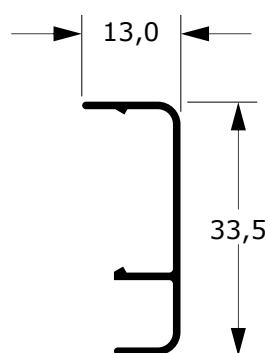
0,209 Kg/m

**RA-1177 C**

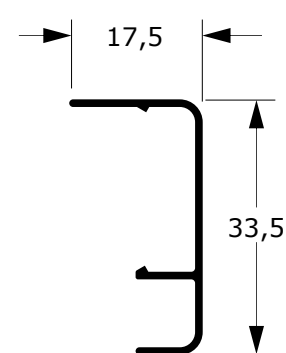
0,210 Kg/m

**RA-1178 C**

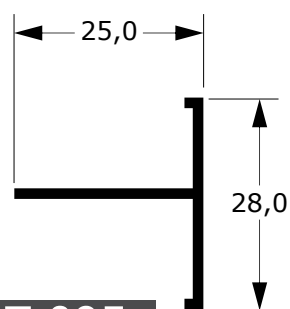
0,273 Kg/m

**RA-613**

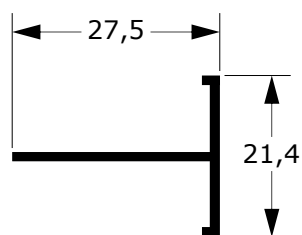
0,152 kg/m

**39-816**

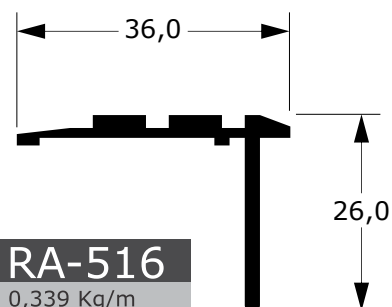
0,175 Kg/m

**T-095**

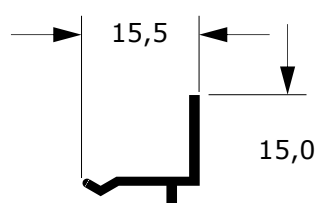
0,204 Kg/m

**T-155**

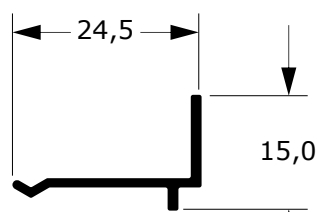
0,188 Kg/m

**RA-516**

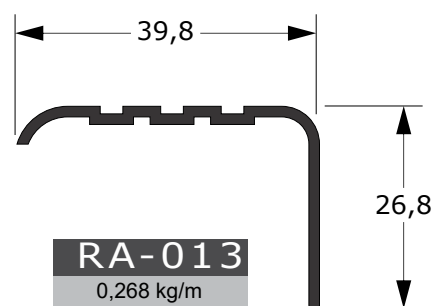
0,339 Kg/m

**CA-014**

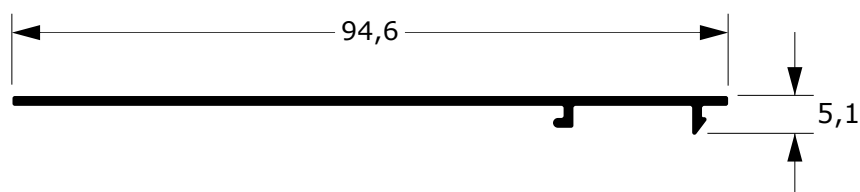
0,104 Kg/m

**CA-013**

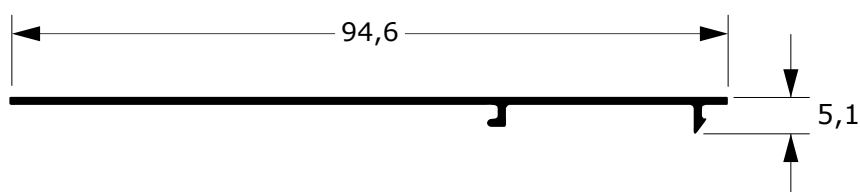
0,134 Kg/m

**RA-013**

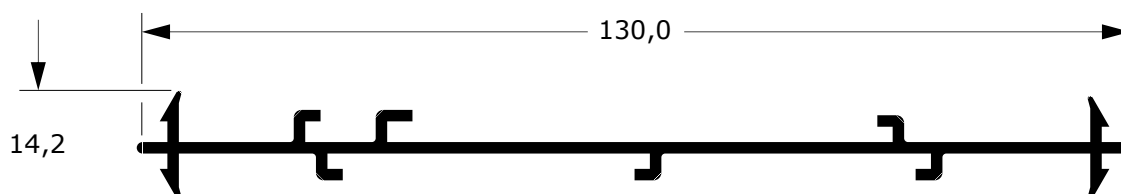
0,268 kg/m

**CA-207**

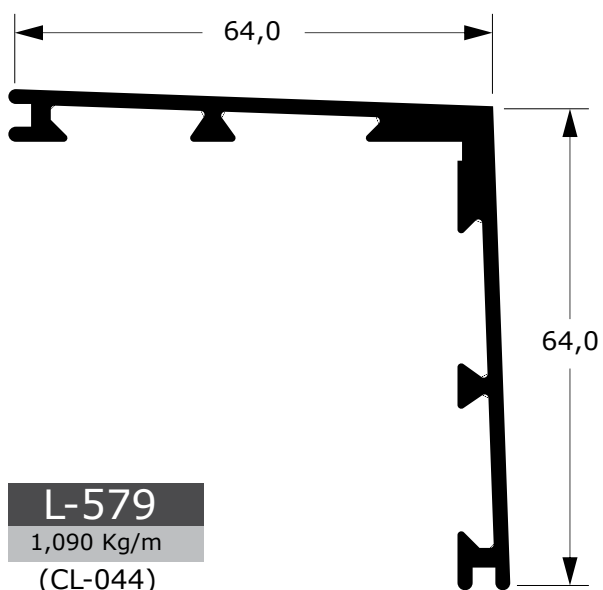
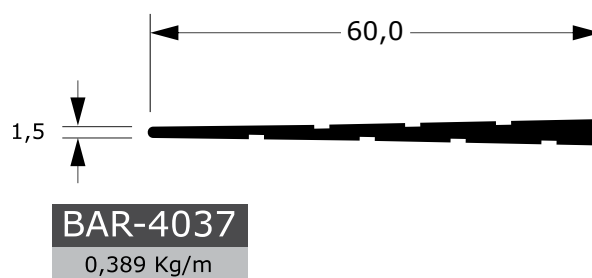
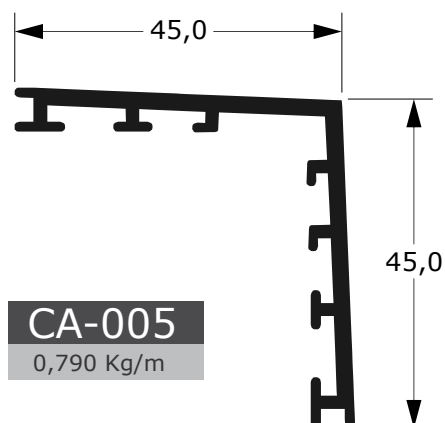
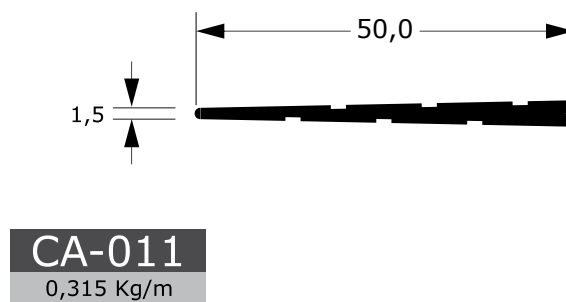
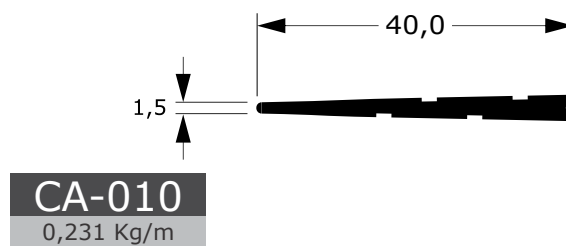
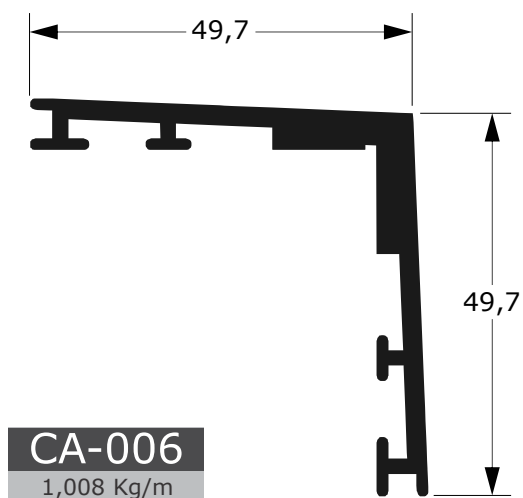
0,360 Kg/m

**CA-209**

0,361 Kg/m

**CA-093**

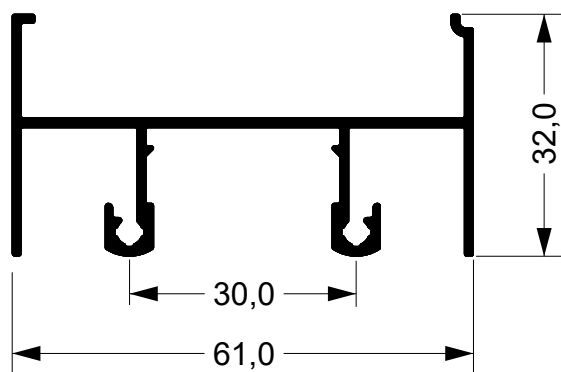
0,766 Kg/m



LINHA MEGA 20

ANOTAÇÕES

[illegible]

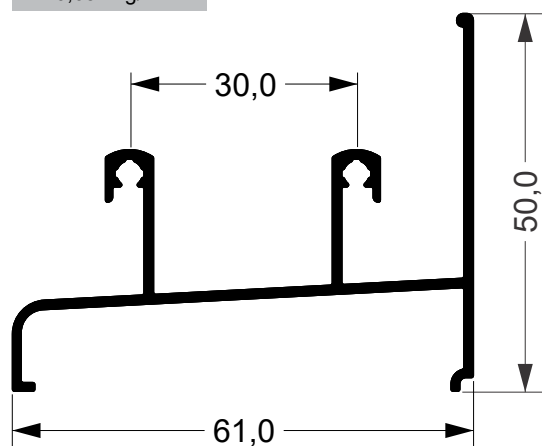
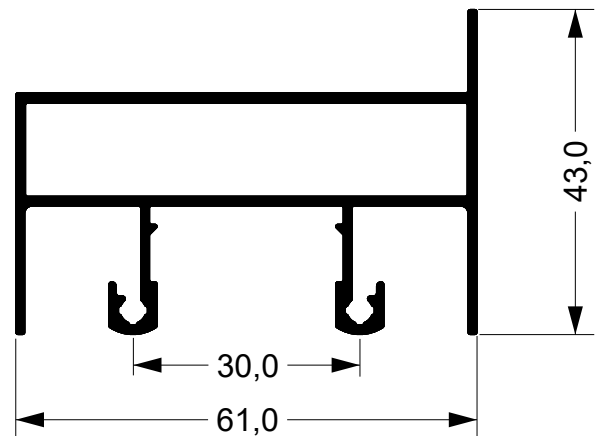


MG20-101

0,637 kg/m

MG20-105

0,893 kg/m

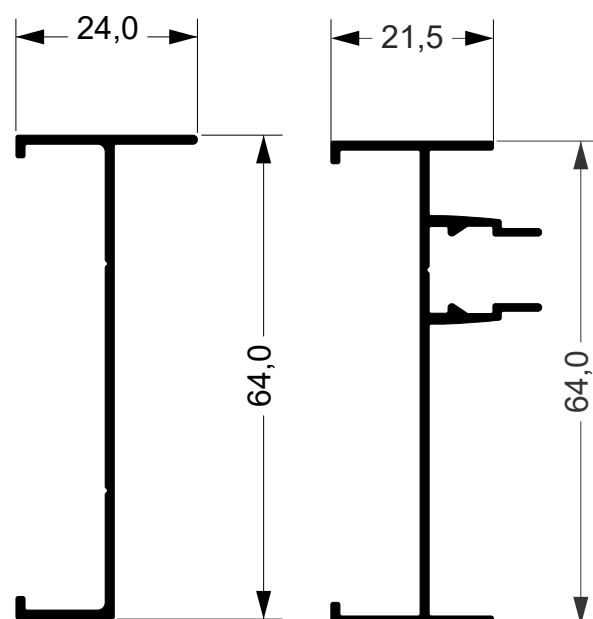
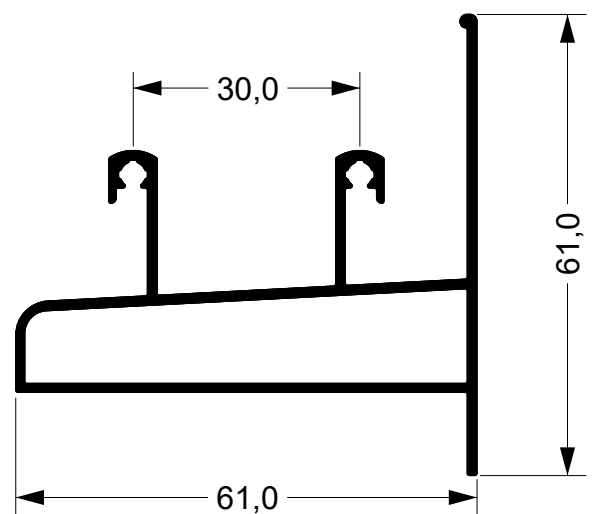


MG20-102

0,641 kg/m

MG20-106

0,893 kg/m

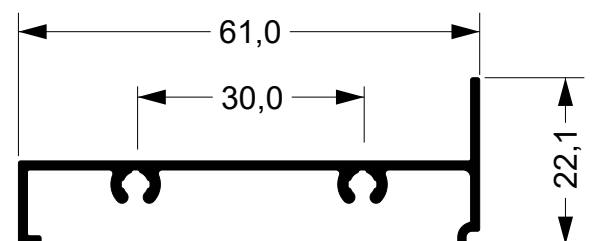


MG20-107

0,332 kg/m

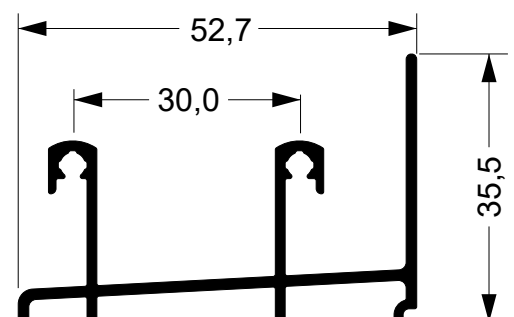
MG20-103

0,462 kg/m



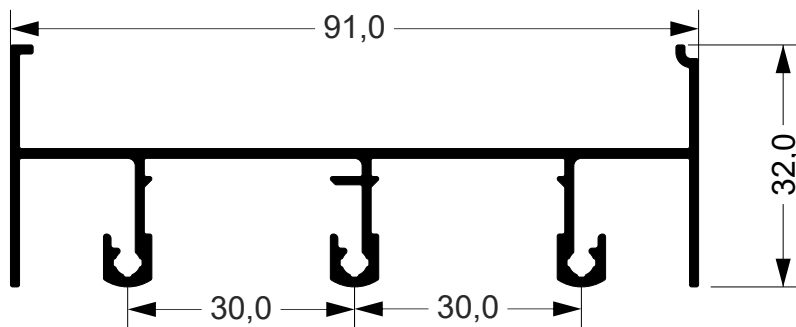
MG20-104

0,388 kg/m



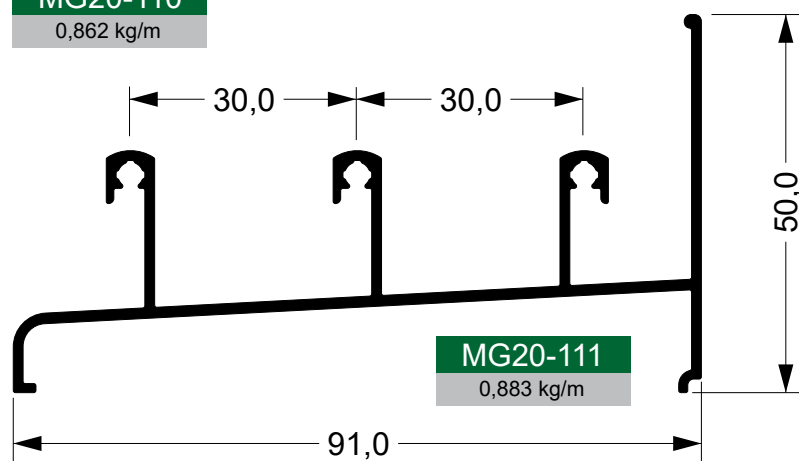
MG20-115

0,584 kg/m



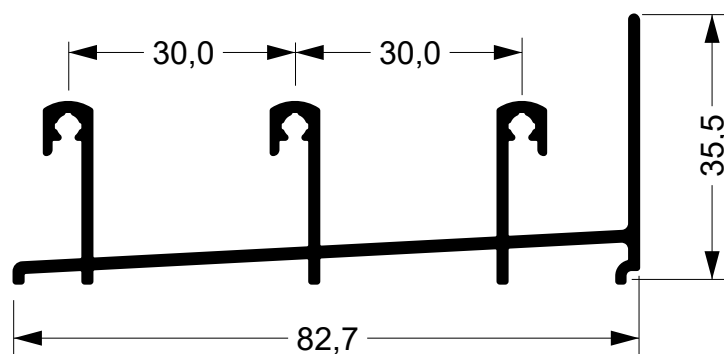
MG20-110

0,862 kg/m



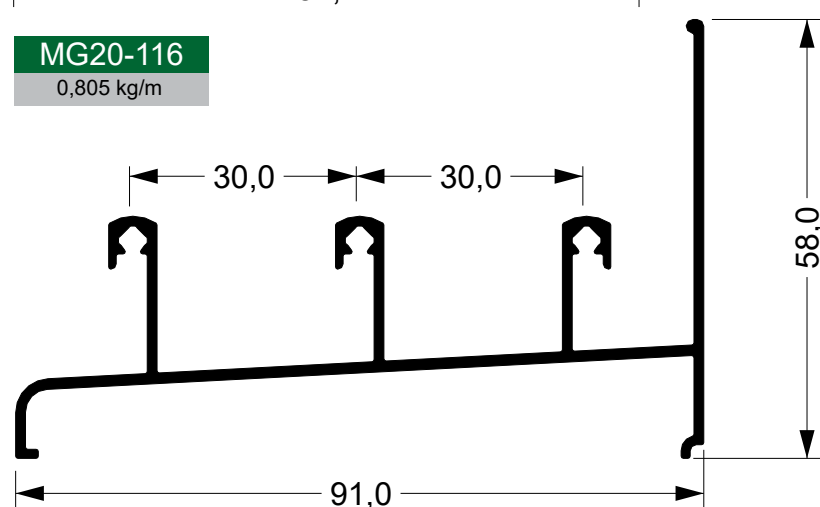
MG20-111

0,883 kg/m



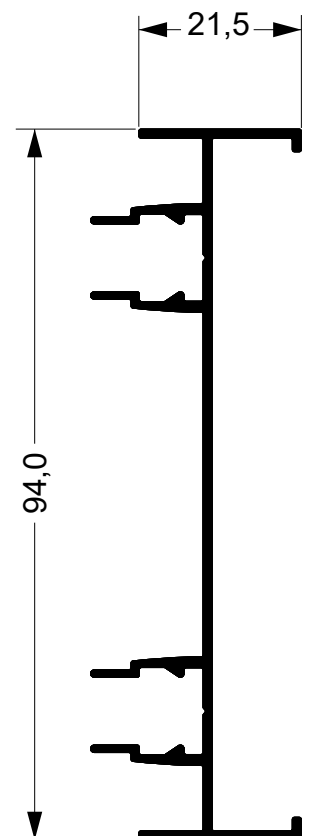
MG20-116

0,805 kg/m



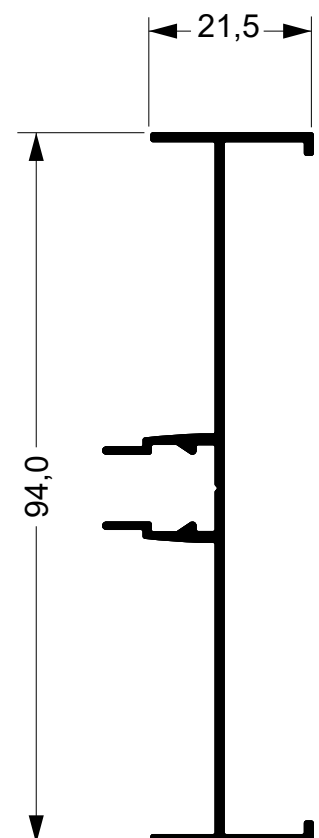
MG20-158

0,911 kg/m



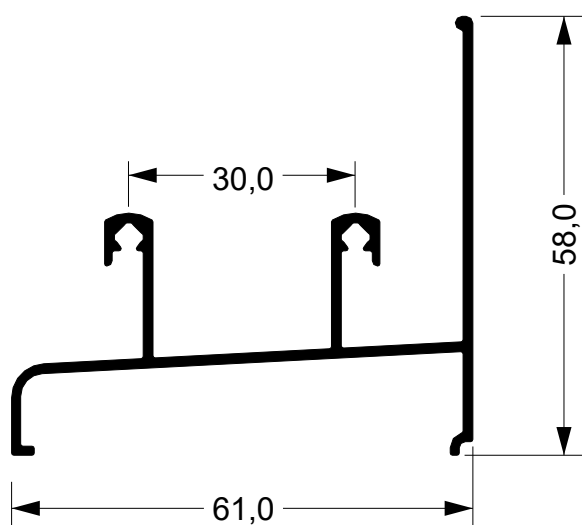
MG20-113

0,670 kg/m



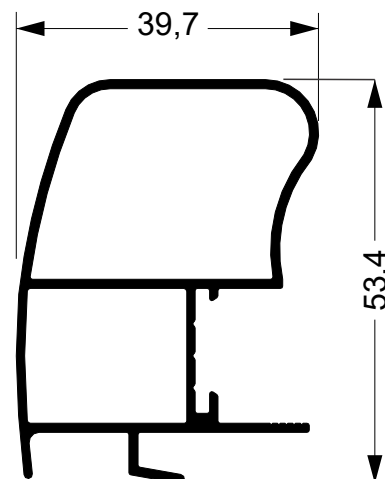
MG20-114

0,559 kg/m



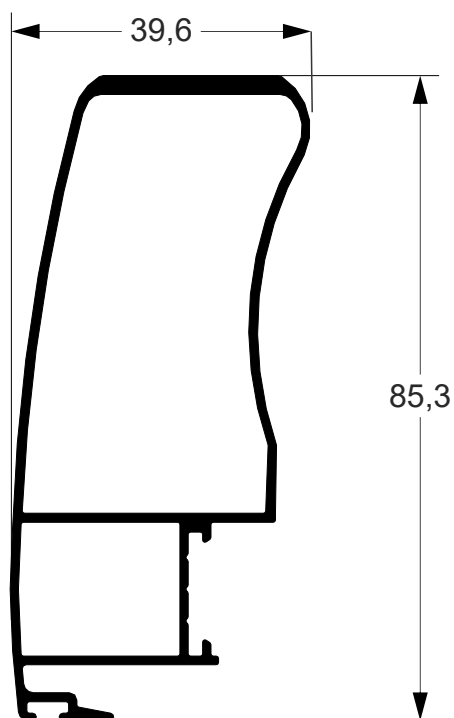
MG20-157

0,670 kg/m



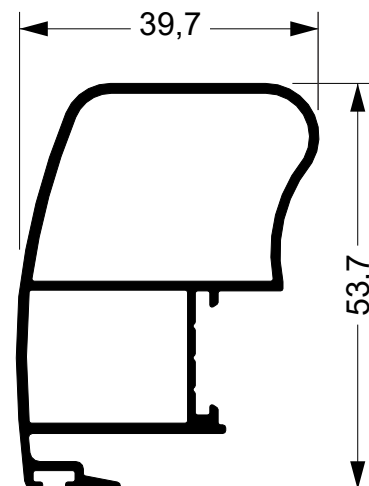
MG20-126

0,681 kg/m



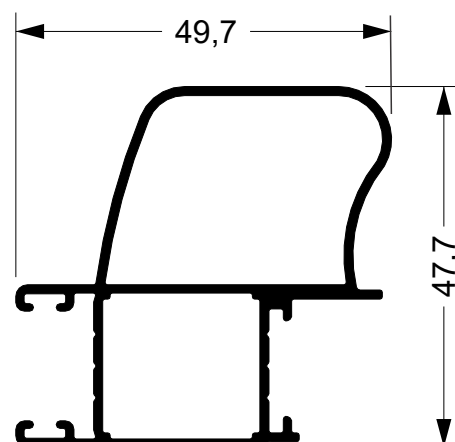
MG20-150

0,944 kg/m



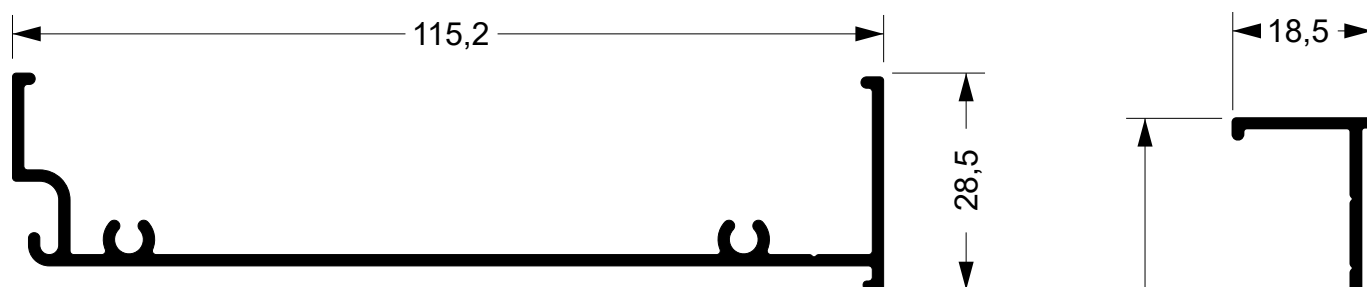
MG20-127

0,659 kg/m



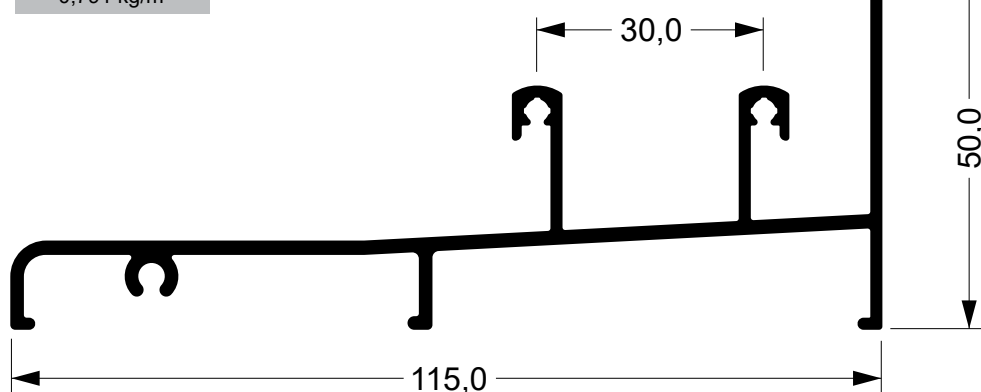
MG20-144

0,703 kg/m



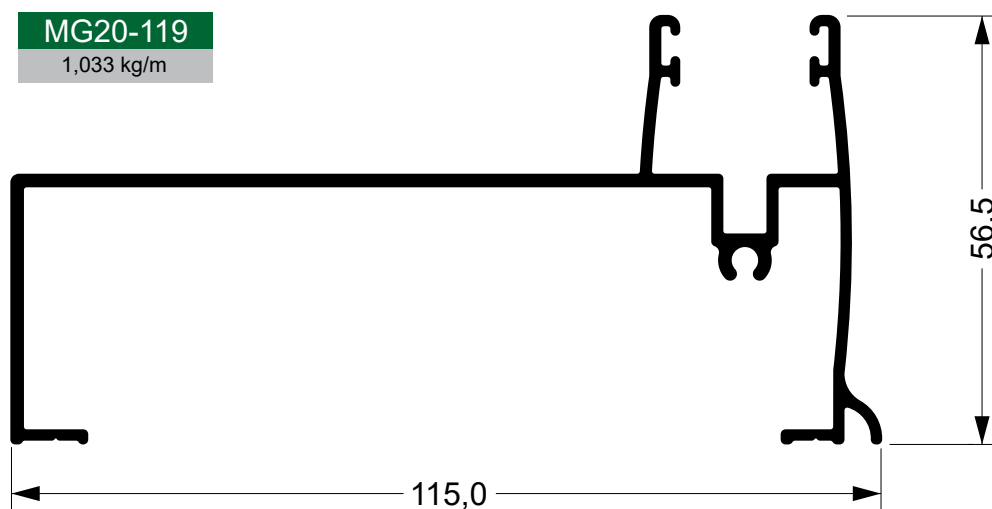
MG20-117

0,791 kg/m



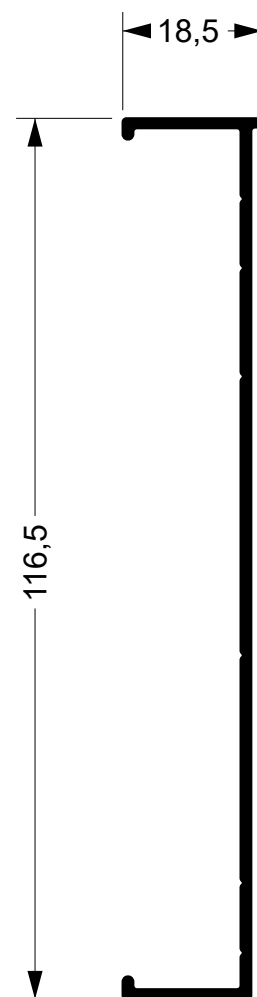
MG20-119

1,033 kg/m



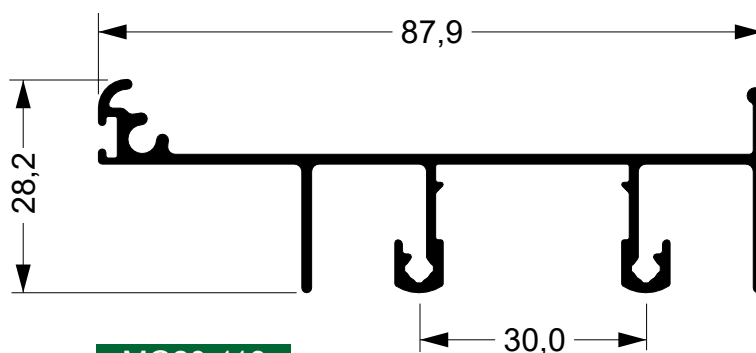
MG20-121

1,072 kg/m



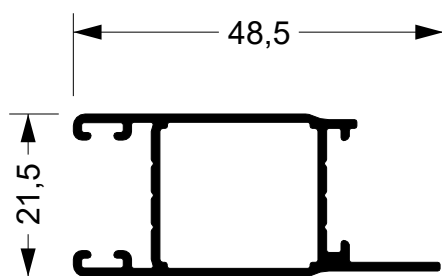
MG20-120

0,564 kg/m



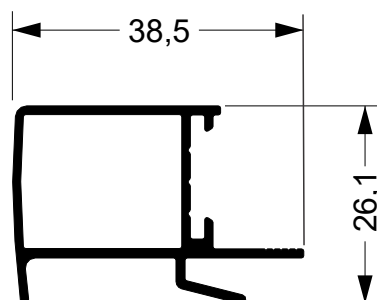
MG20-118

0,758 kg/m



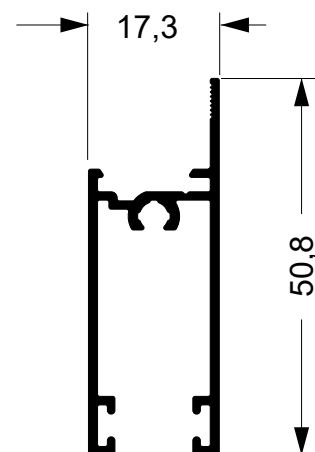
MG20-122

0,432 kg/m



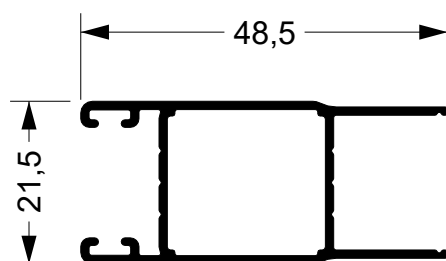
MG20-123

0,394 kg/m



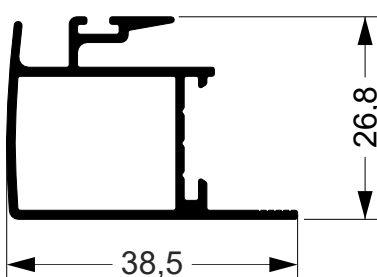
MG20-130

0,419 kg/m



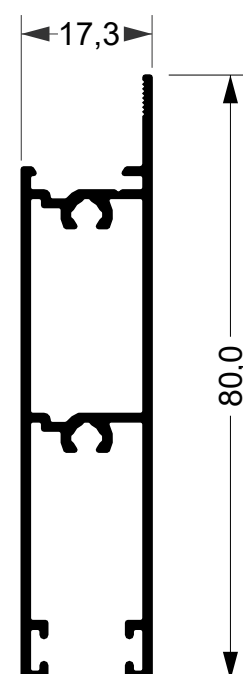
MG20-128

0,439 kg/m



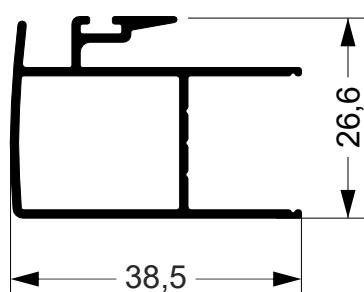
MG20-124

0,433 kg/m



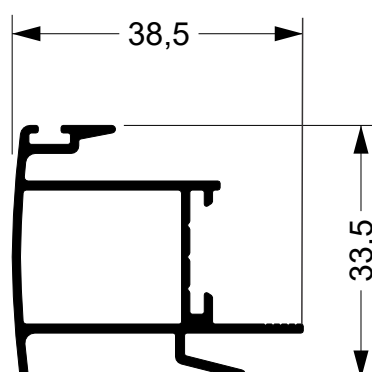
MG20-131

0,682 kg/m



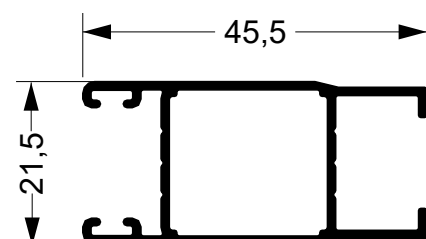
MG20-129

0,422 kg/m



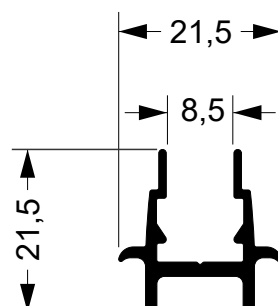
MG20-125

0,474 kg/m



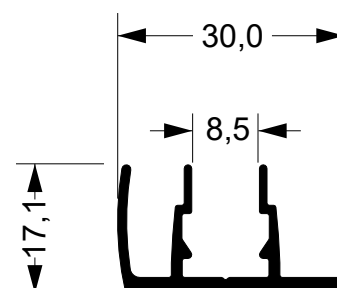
MG20-156

0,440 kg/m



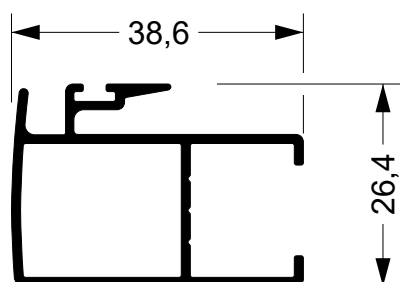
MG20-152

0,250 kg/m



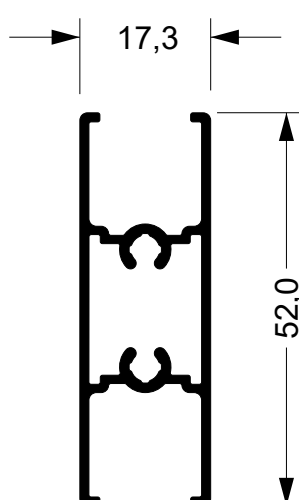
MG20-153

0,300 kg/m



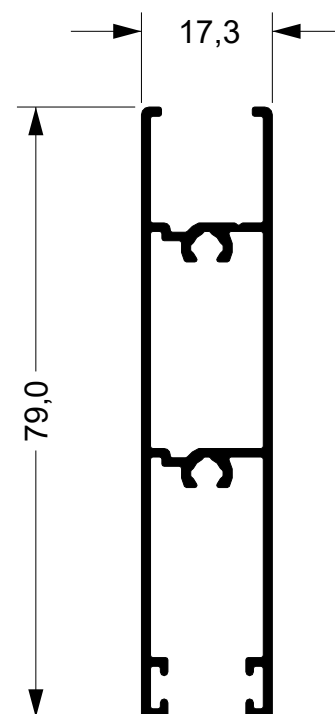
MG20-134

0,472 kg/m



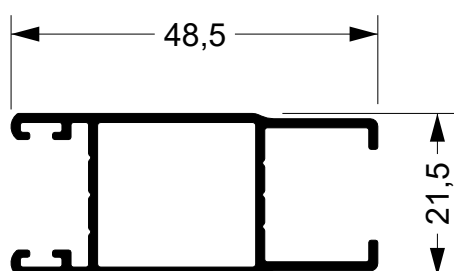
MG20-139

0,527 kg/m



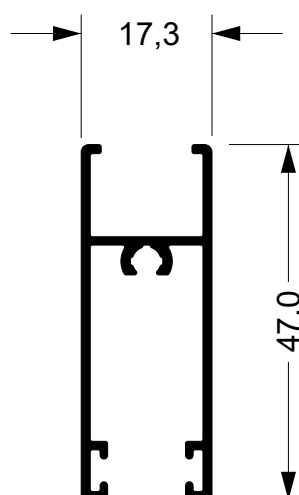
MG20-138

0,722 kg/m



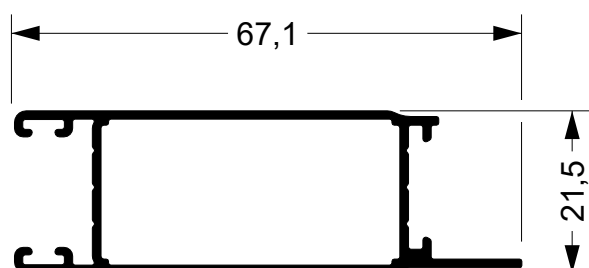
MG20-133

0,491 kg/m



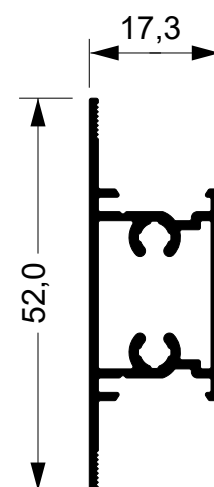
MG20-137

0,434 kg/m



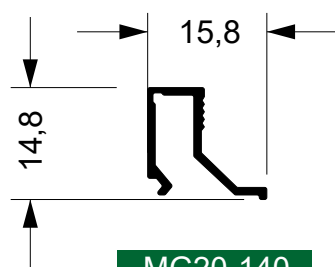
MG20-154

0,547 kg/m



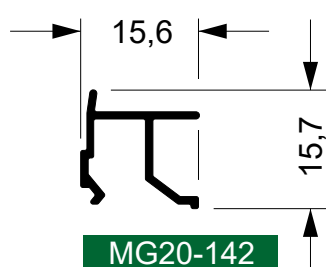
MG20-132

0,454 kg/m



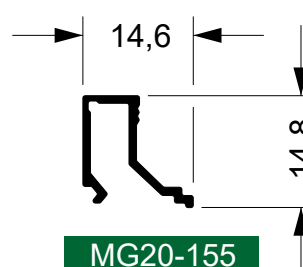
MG20-140

0,114 kg/m



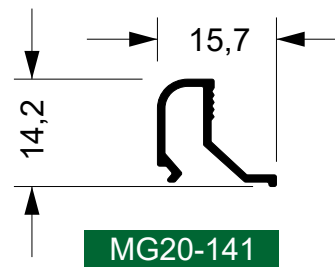
MG20-142

0,125 kg/m



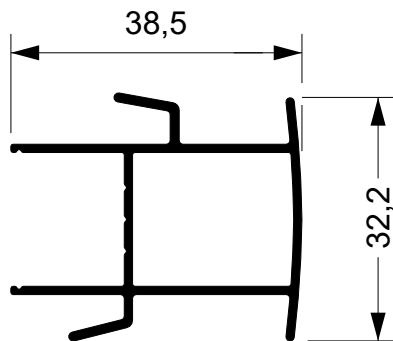
MG20-155

0,113 kg/m



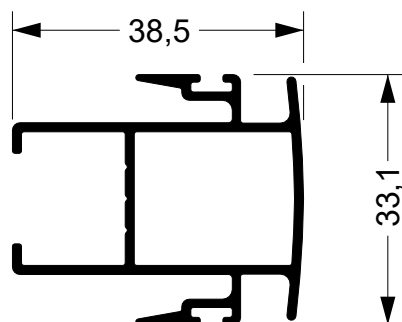
MG20-141

0,112 kg/m



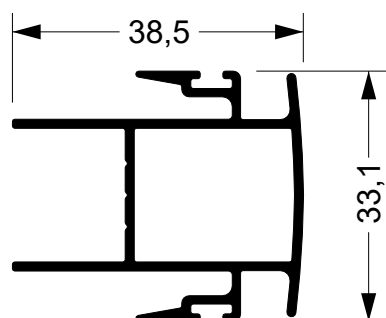
MG20-146

0,445 kg/m



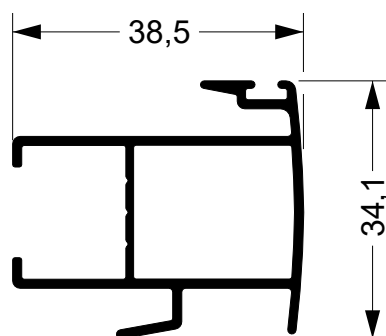
MG20-147

0,568 kg/m



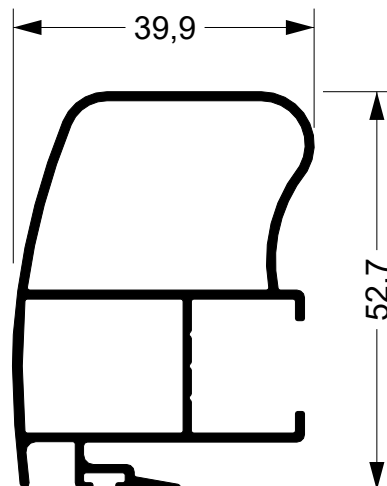
MG20-148

0,550 kg/m



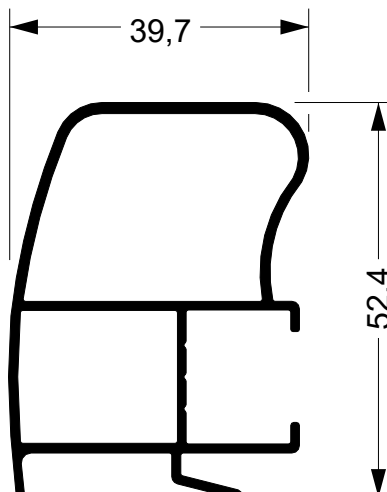
MG20-149

0,506 kg/m



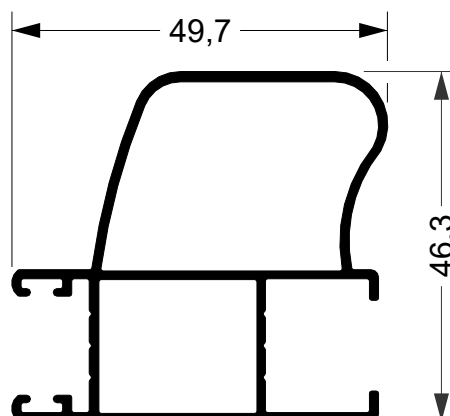
MG20-135

0,733 kg/m



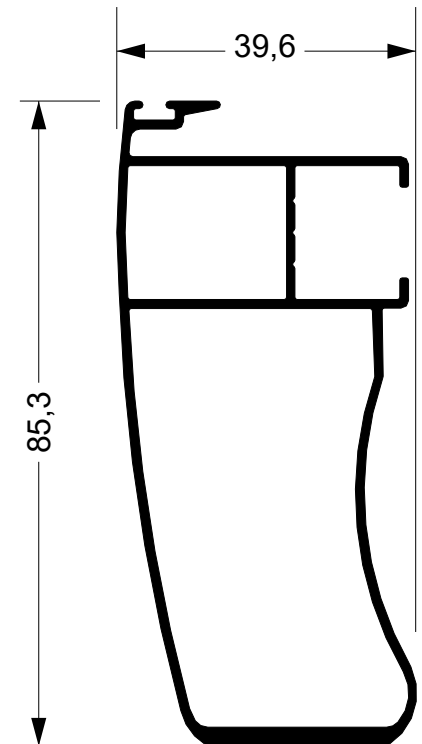
MG20-136

0,688 kg/m



MG20-145

0,748 kg/m



MG20-151

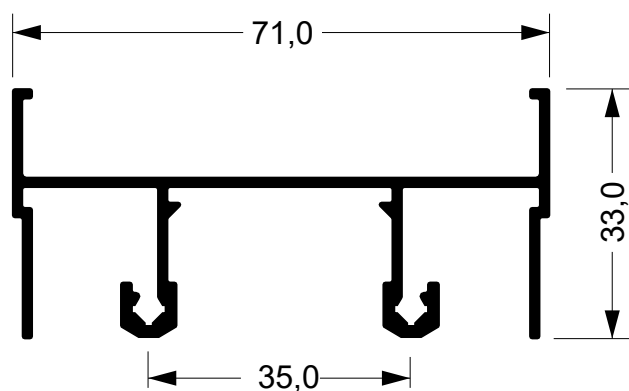
0,991 kg/m

ANOTAÇÕES

[illegible]

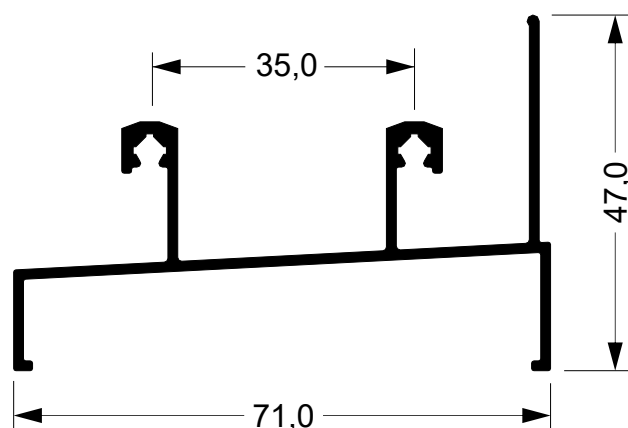
LINHA MEGA 25

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



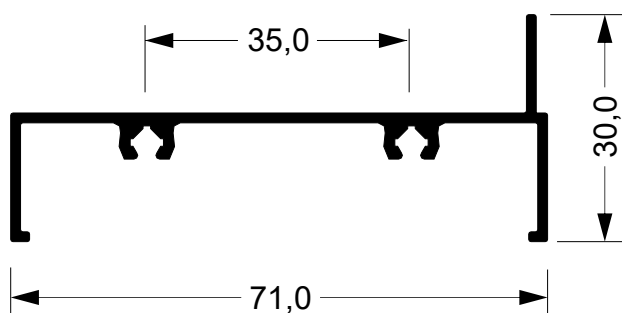
MG25-001

0,773 kg/m



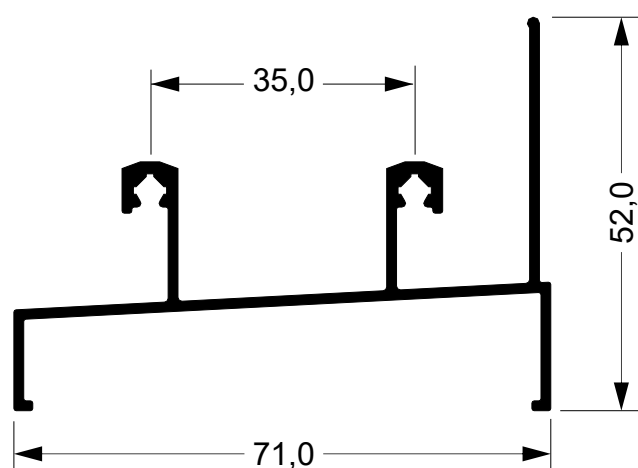
MG25-002

0,710 kg/m



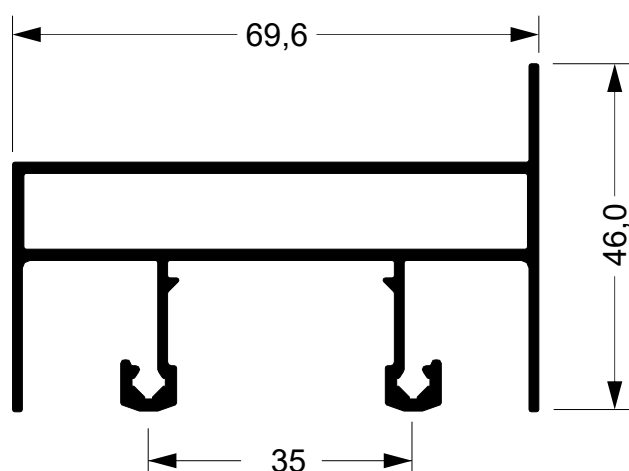
MG25-004

0,525 kg/m



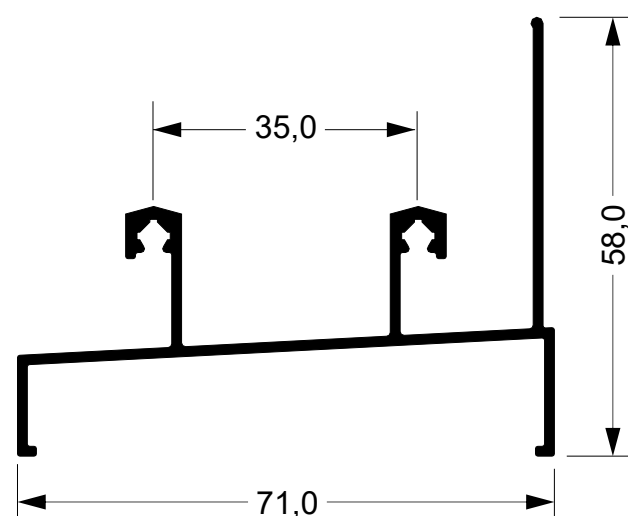
MG25-017

0,727 kg/m



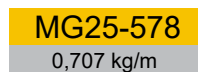
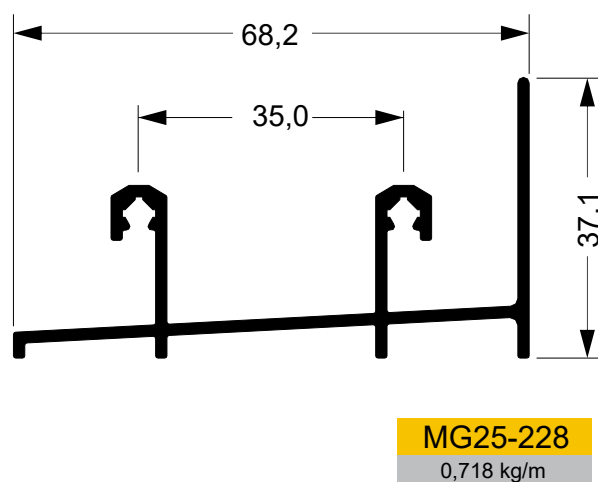
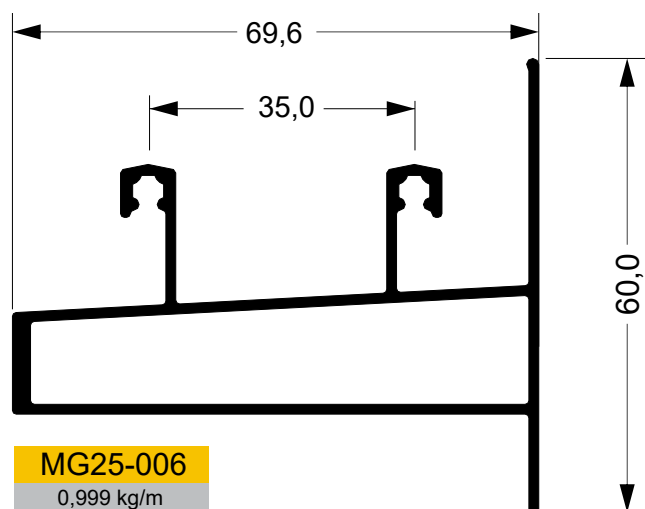
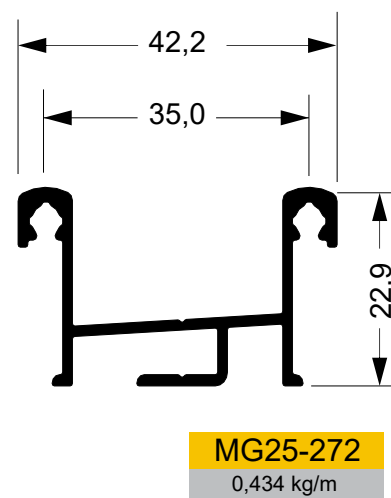
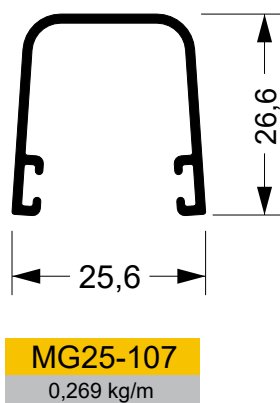
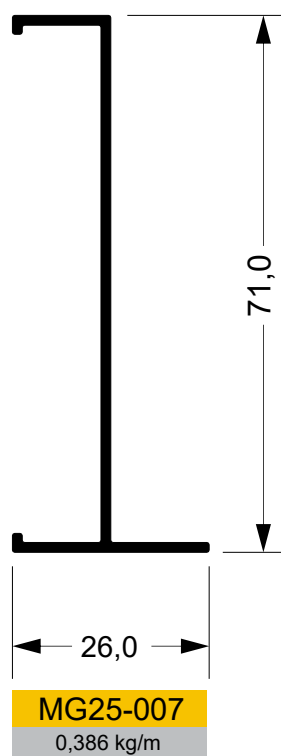
MG25-005

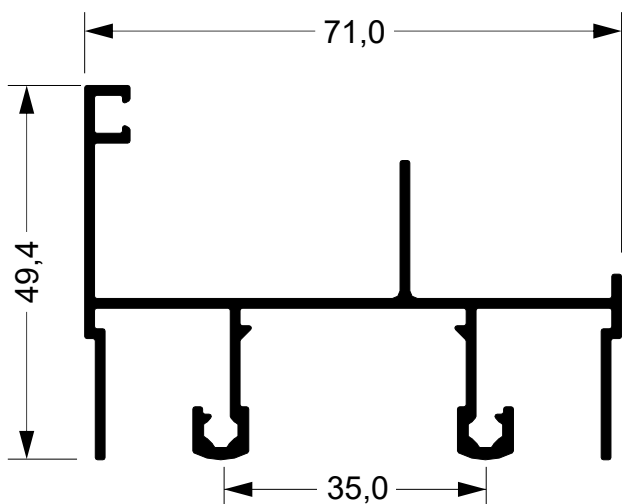
1,106 kg/m



MG25-018

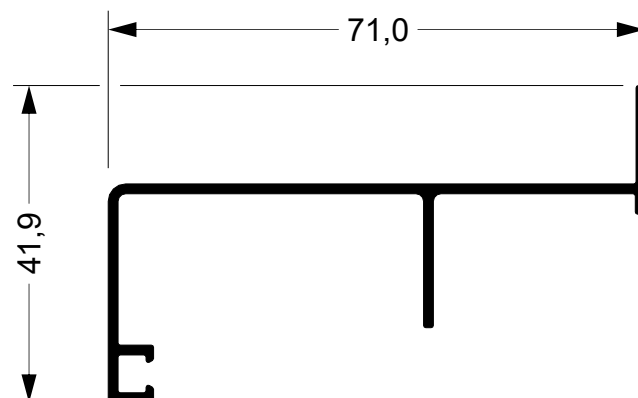
0,749 kg/m





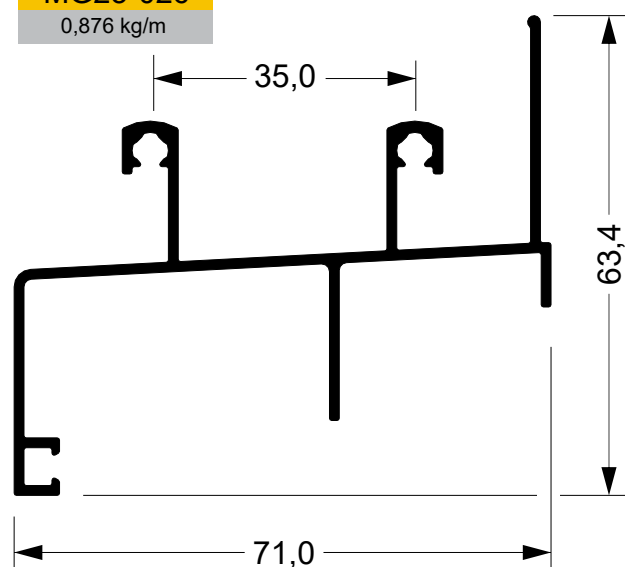
MG25-026

0,876 kg/m



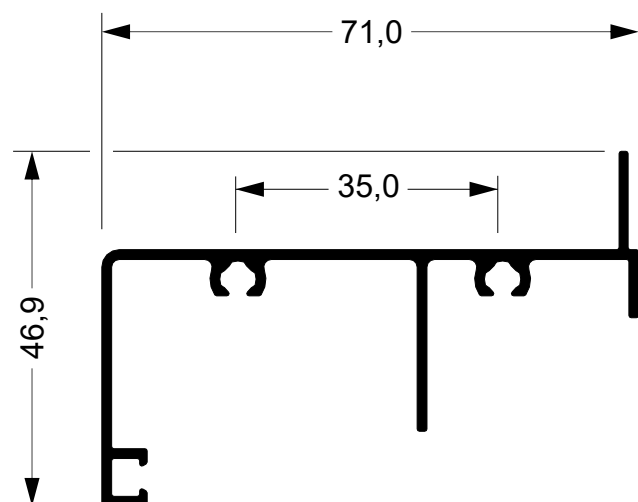
MG25-028

0,497 kg/m



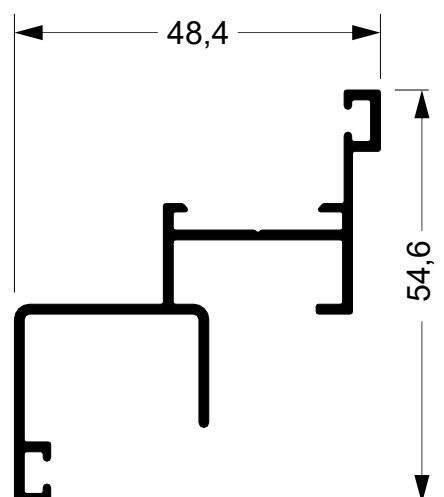
MG25-027

0,824 kg/m



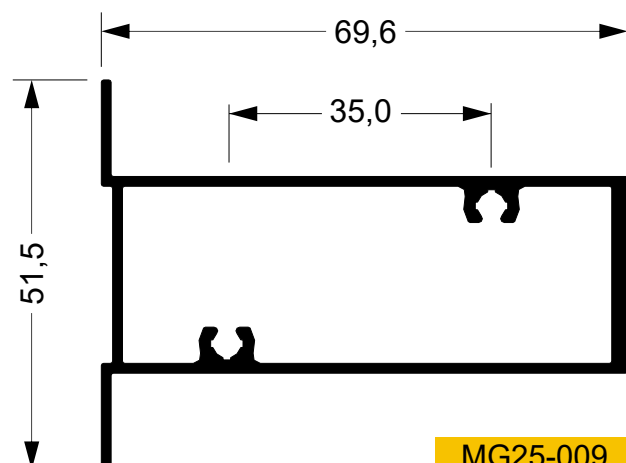
MG25-029

0,647 kg/m



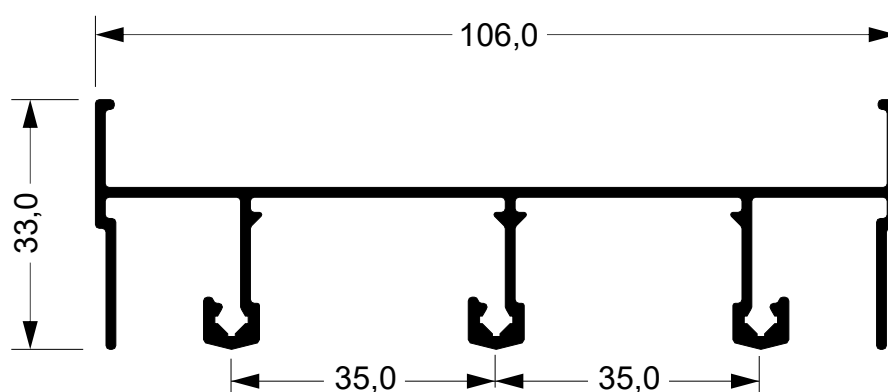
MG25-030

0,541 kg/m



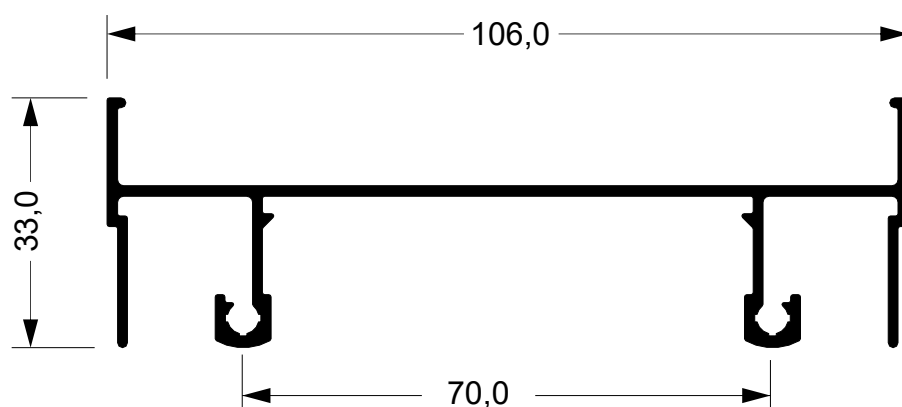
MG25-009

0,907 kg/m



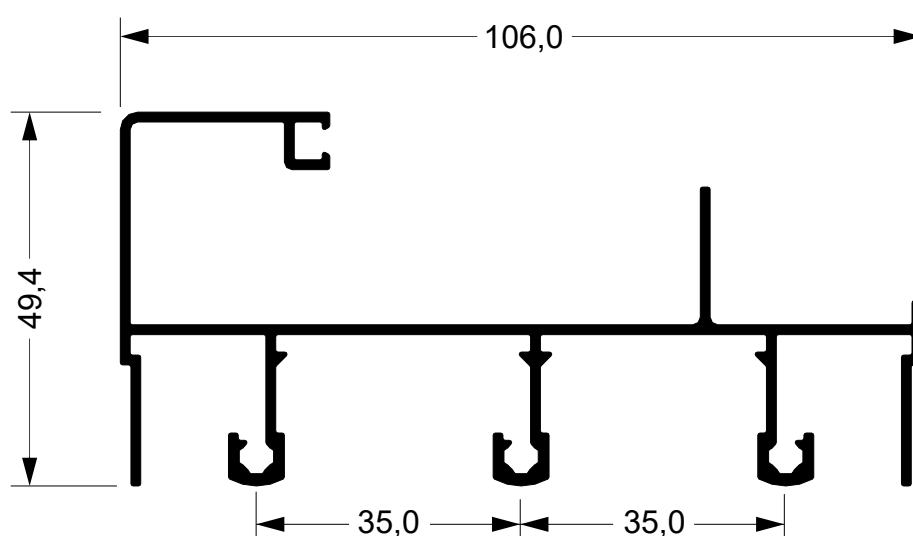
MG25-010

1,029 kg/m



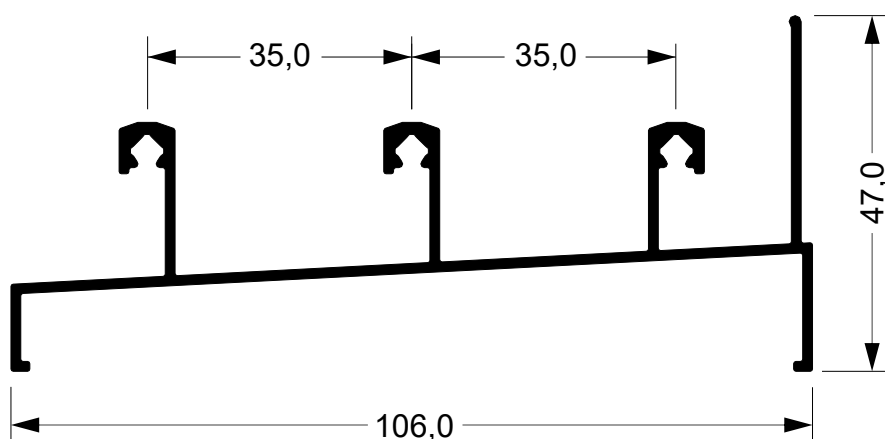
MG25-015

0,918 kg/m



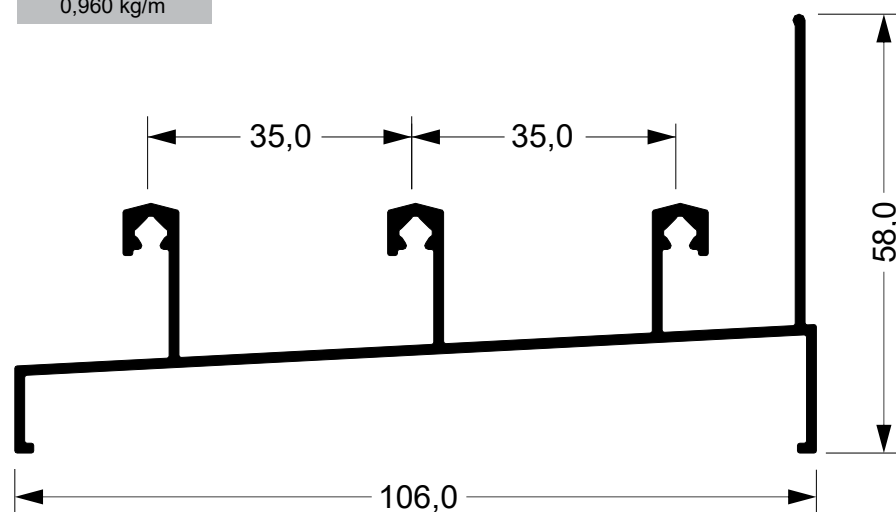
MG25-031

1,231 kg/m



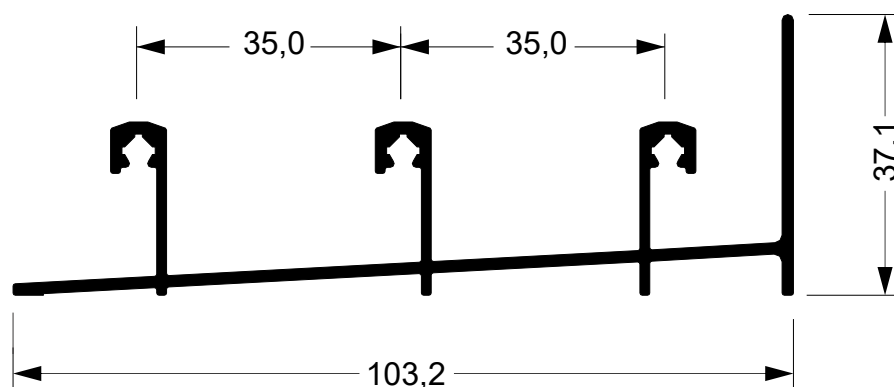
MG25-011

0,960 kg/m



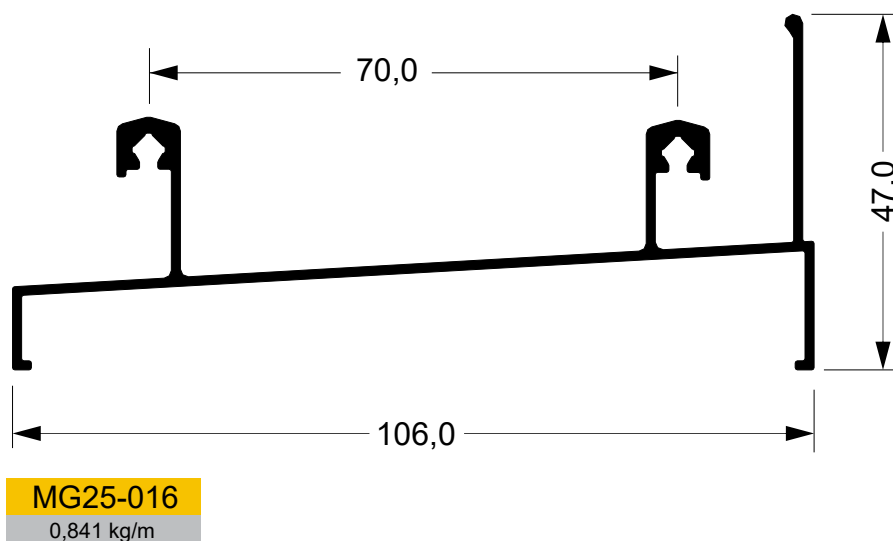
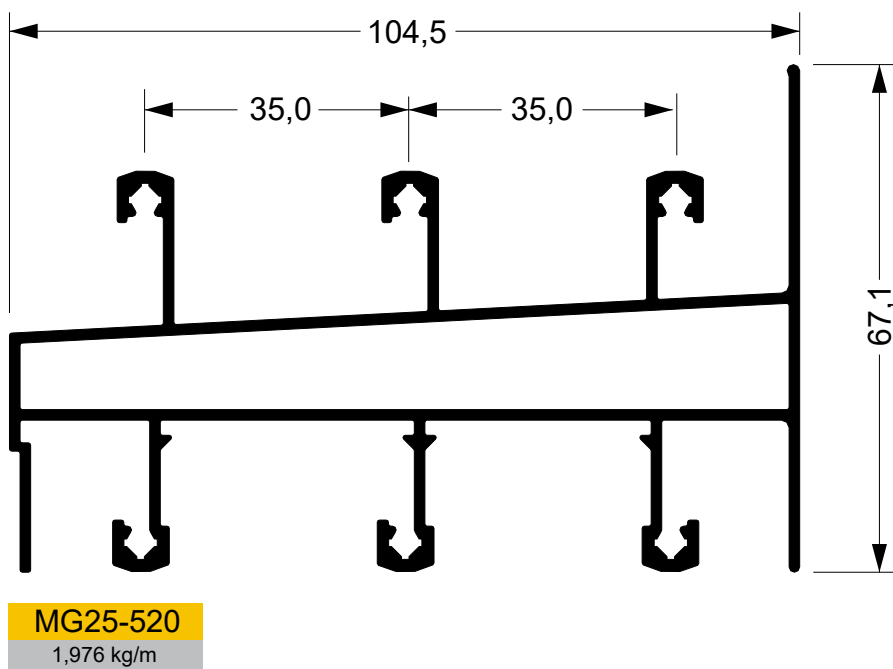
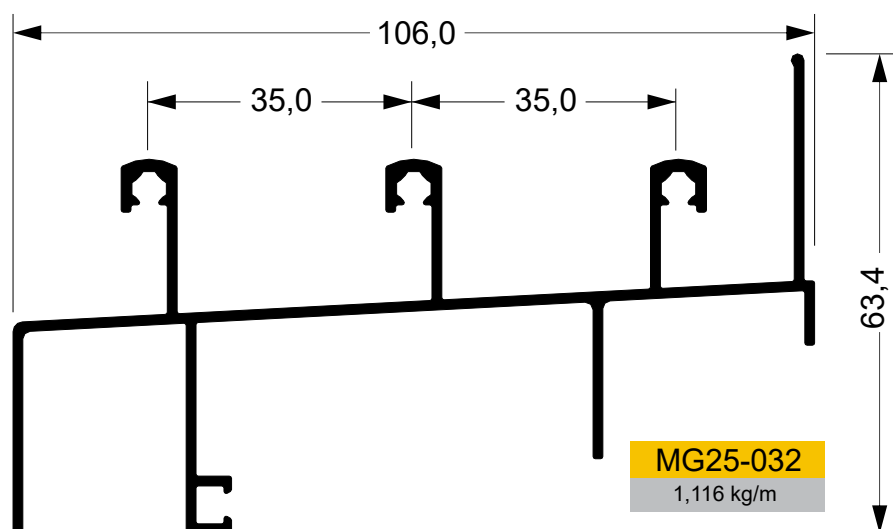
MG25-019

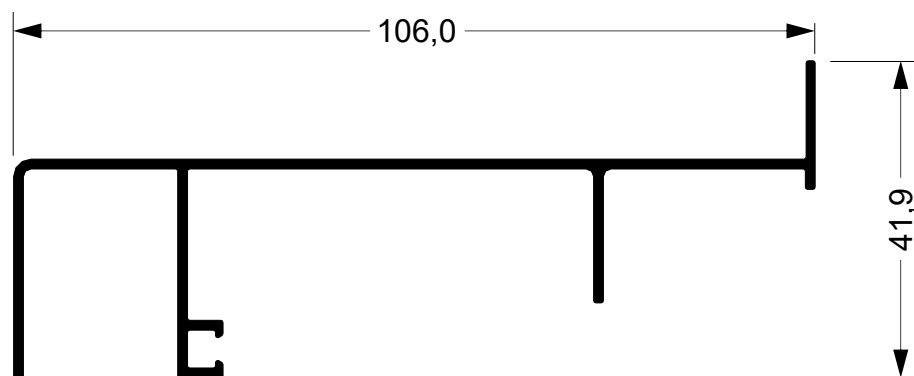
0,999 kg/m



MG25-230

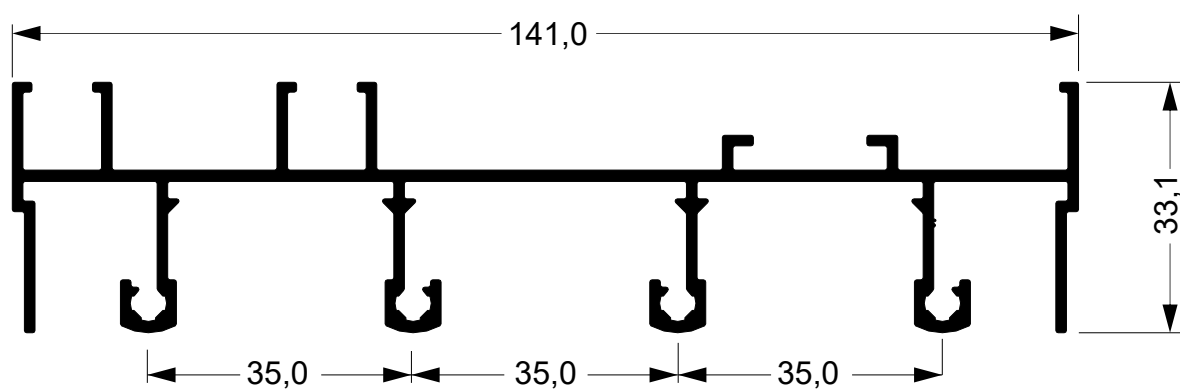
0,976 kg/m





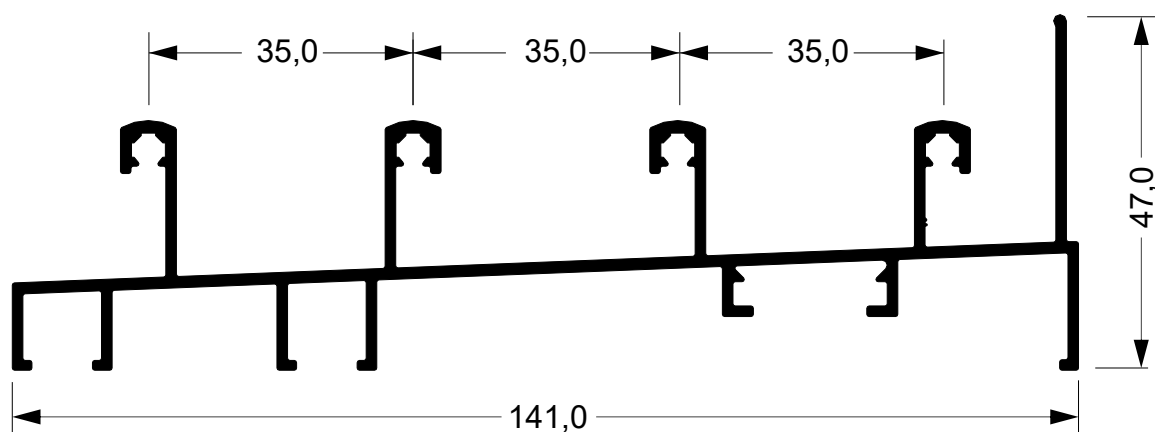
MG25-033

0,718 kg/m



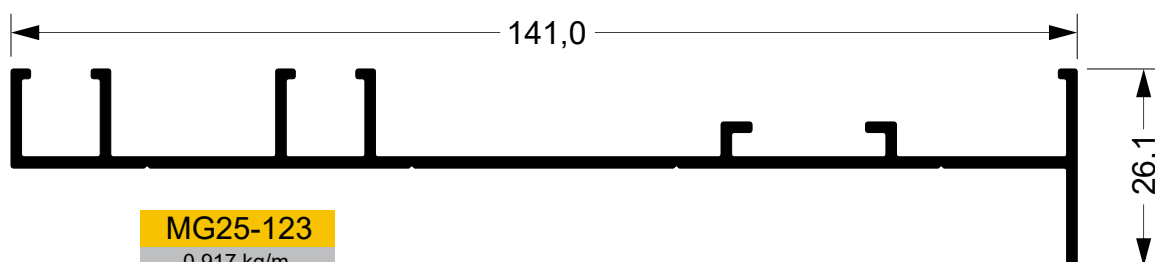
MG25-121

1,585 kg/m



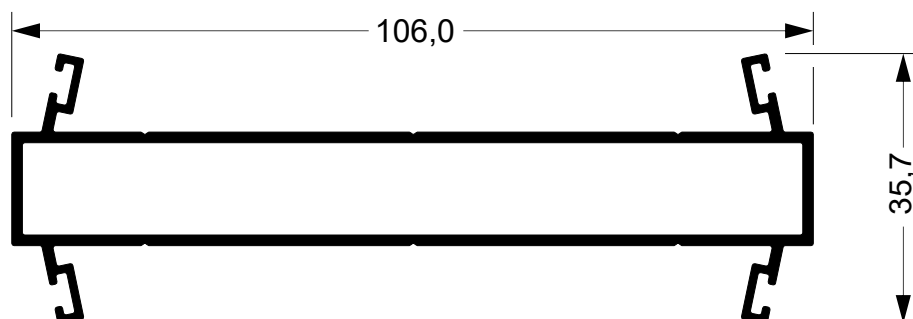
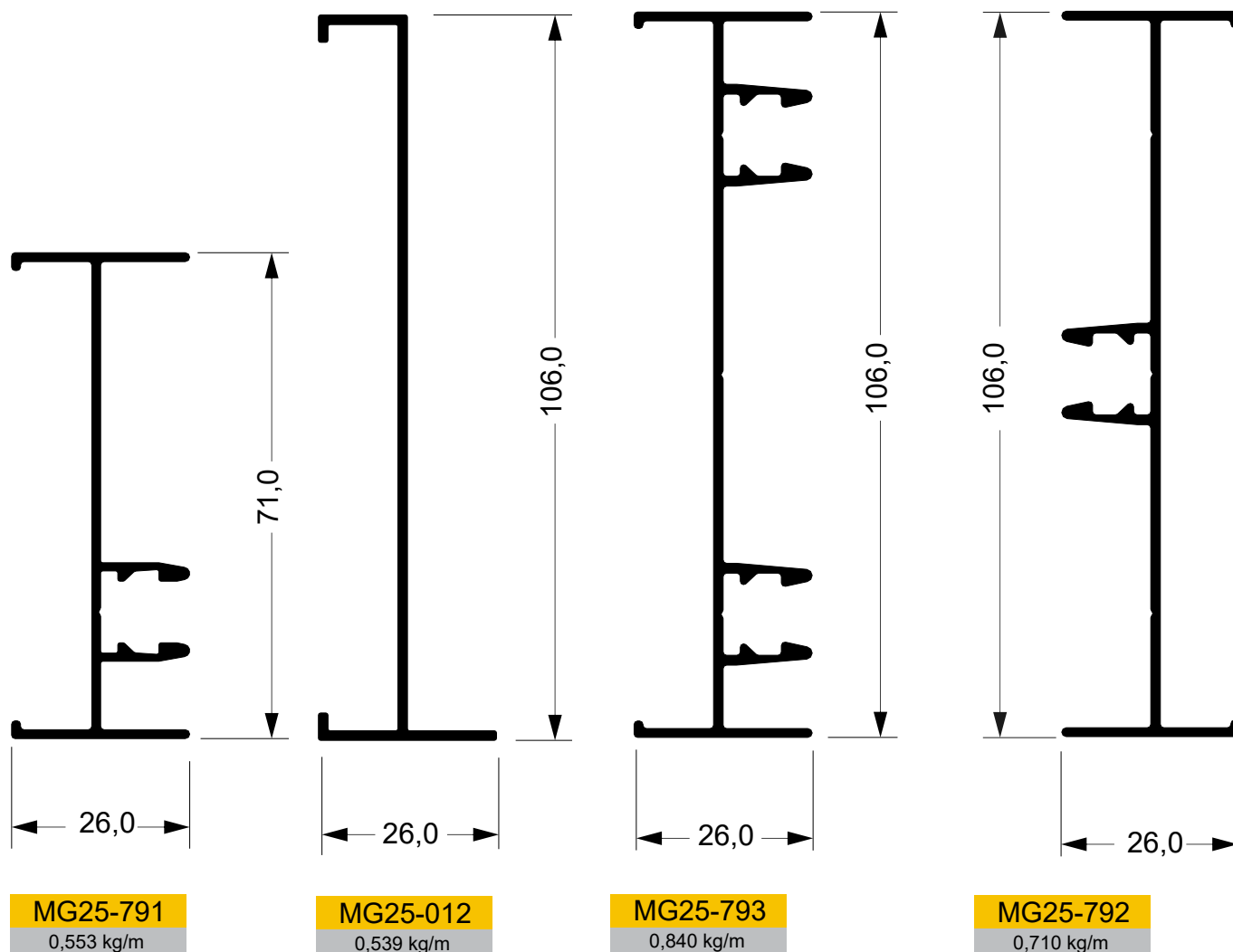
MG25-122

1,509 kg/m

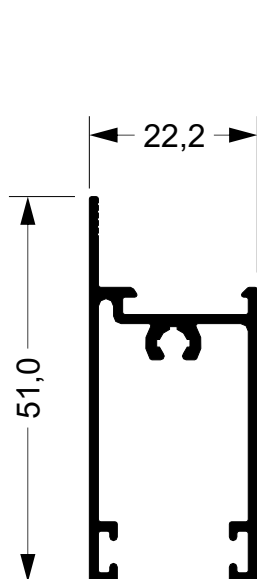


MG25-123

0,917 kg/m

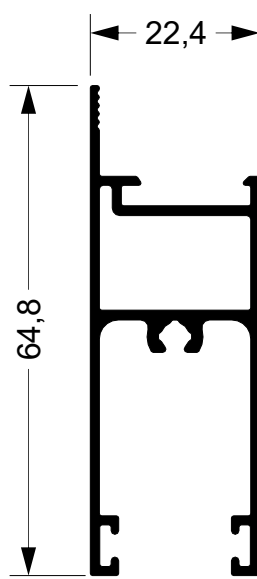


MG25-519
1,090 kg/m



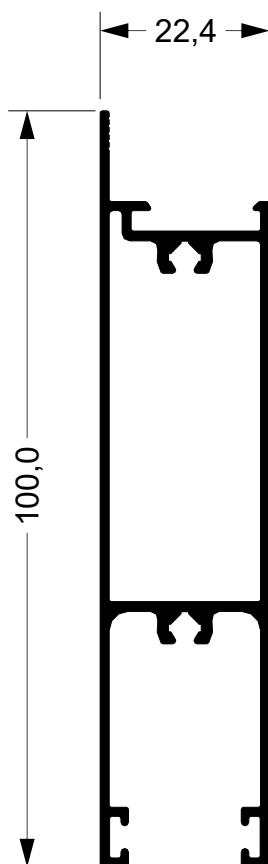
MG25-053

0,478 kg/m



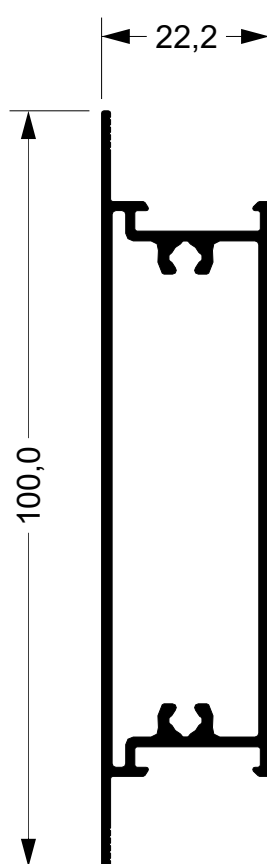
MG25-246

0,645 kg/m



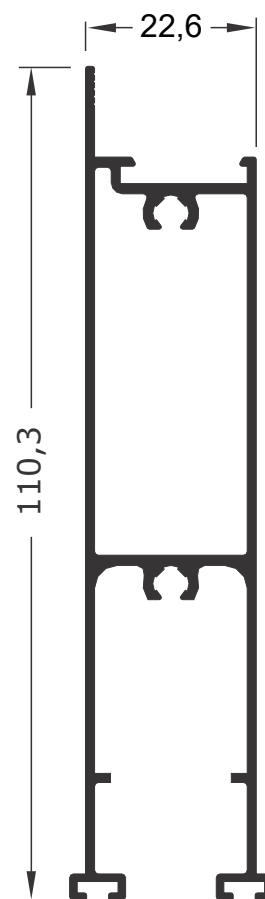
MG25-225

0,926 kg/m



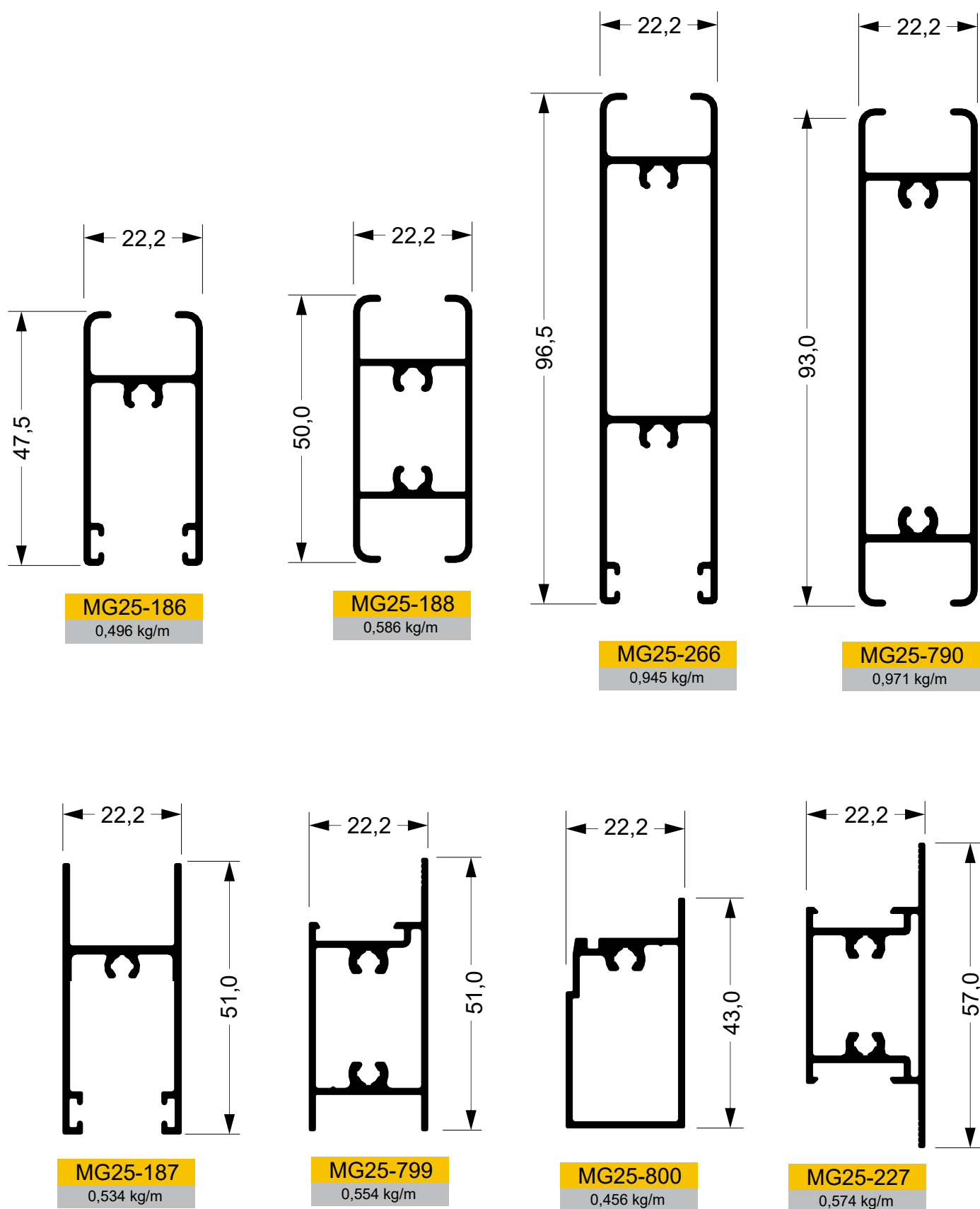
MG25-050

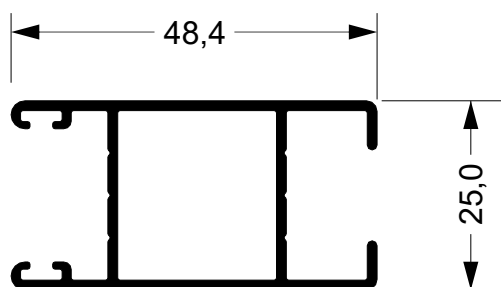
0,923 kg/m



MG25-247

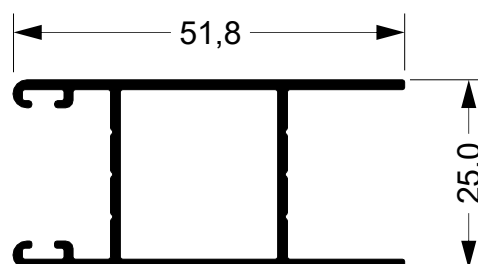
1,015 kg/m





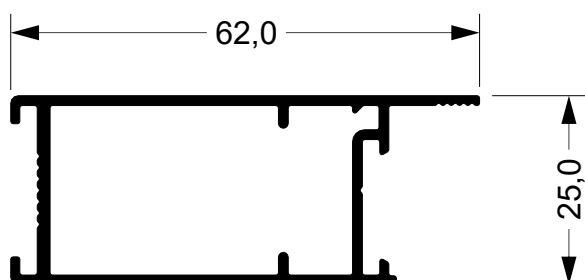
MG25-783

0,565 kg/m



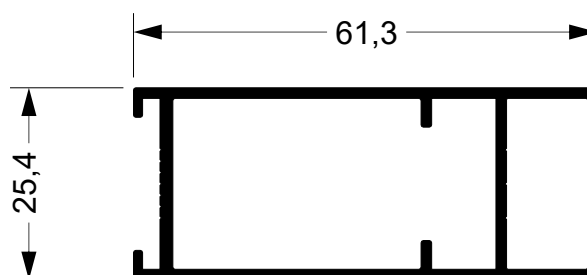
MG25-784

0,555 kg/m



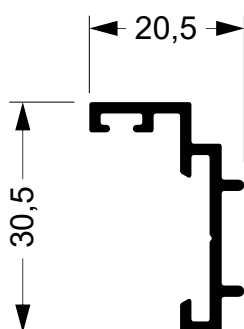
MG25-111

0,634 kg/m



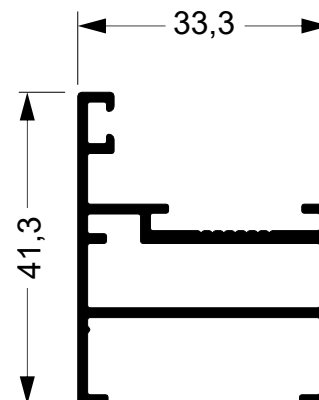
MG25-241

0,733 kg/m



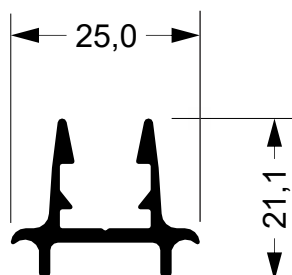
MG25-798

0,283 kg/m



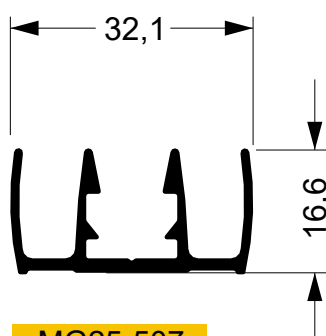
MG25-801

0,565 kg/m



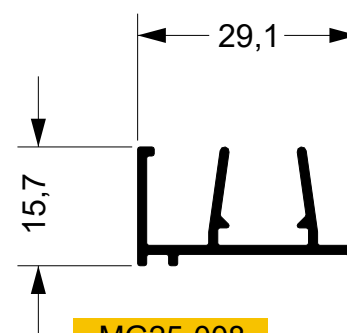
MG25-506

0,303 kg/m



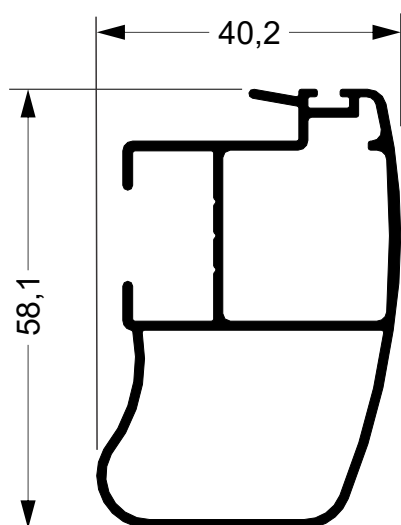
MG25-507

0,383 kg/m



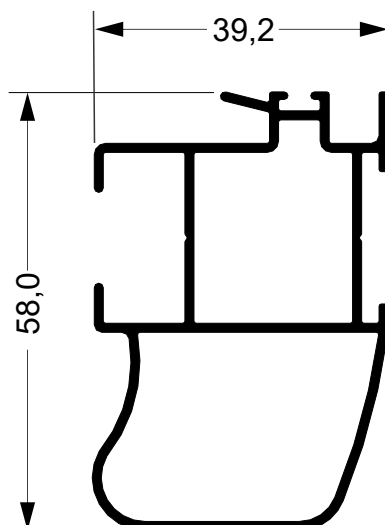
MG25-008

0,245 kg/m



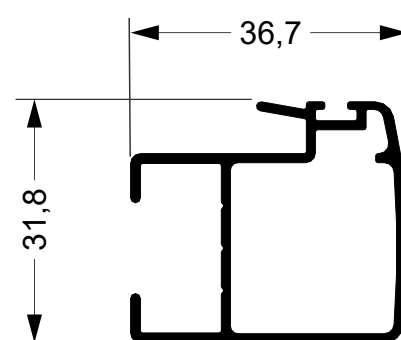
MG25-789

0,774 kg/m



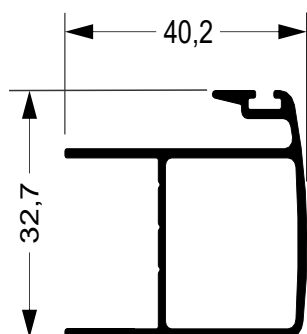
MG25-730

0,802 kg/m



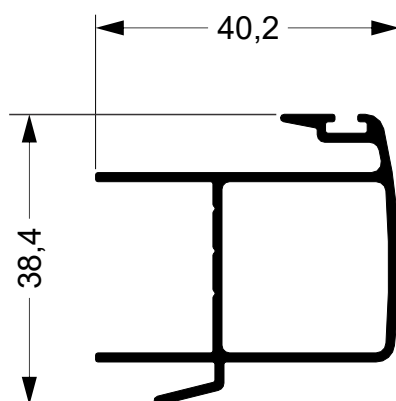
MG25-787

0,513 kg/m



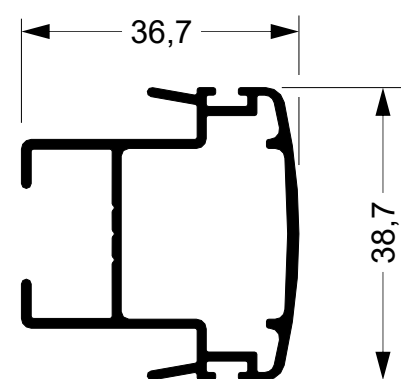
MG25-785

0,500 kg/m



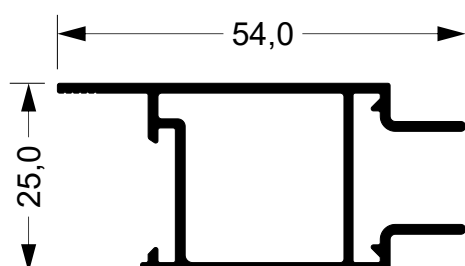
MG25-786

0,535 kg/m



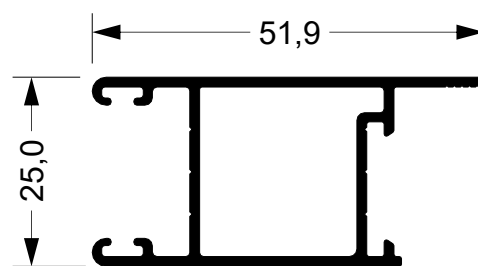
MG25-788

0,599 kg/m



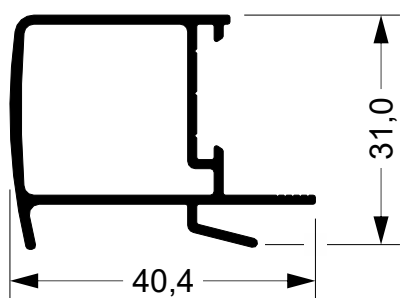
MG25-192

0,554 kg/m



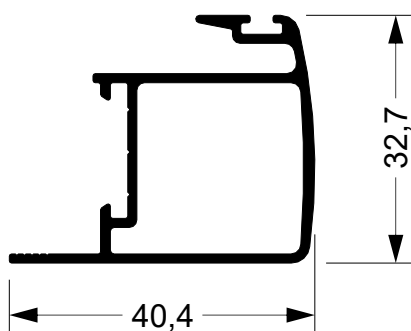
MG25-500

0,544 kg/m



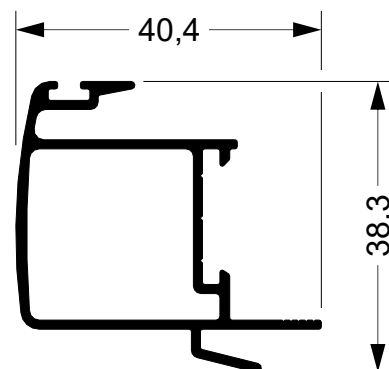
MG25-501

0,460 kg/m



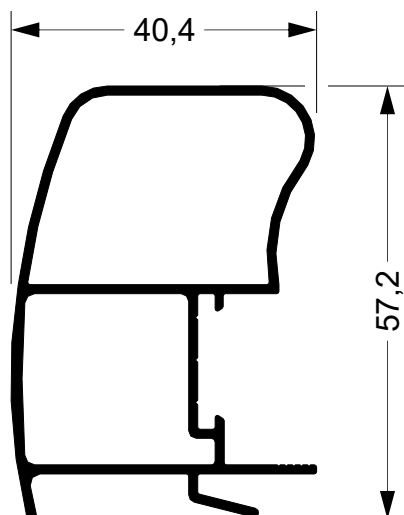
MG25-502

0,490 kg/m



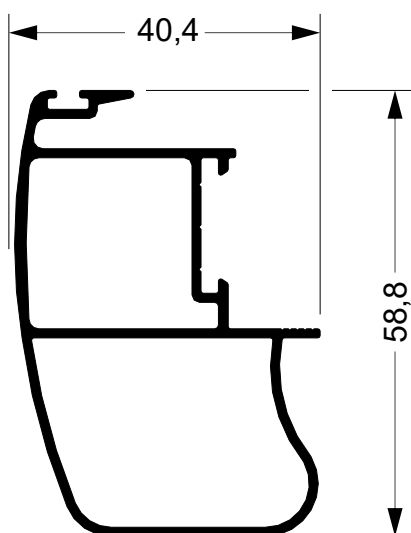
MG25-503

0,525 kg/m



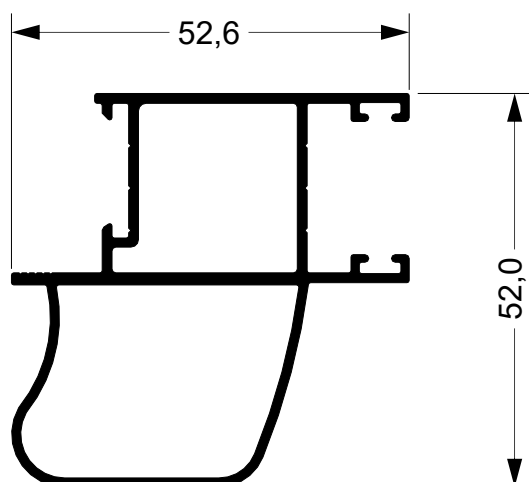
MG25-504

0,745 kg/m



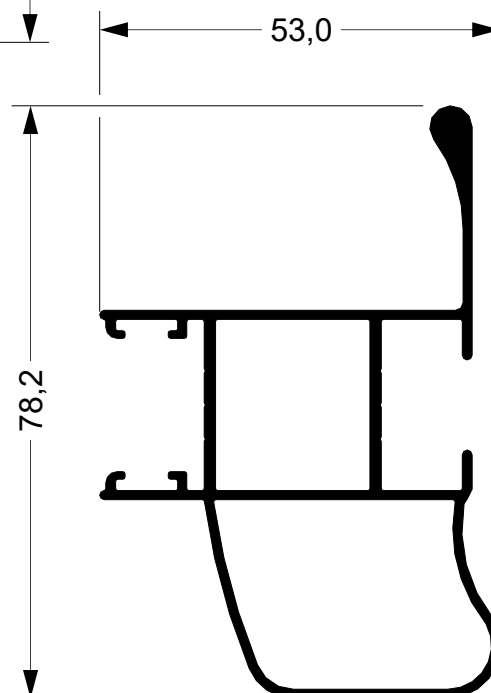
MG25-505

0,757 kg/m



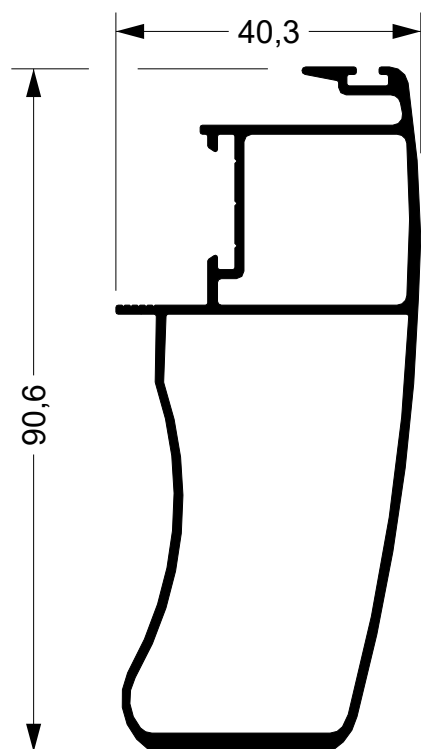
MG25-796

0,847 kg/m



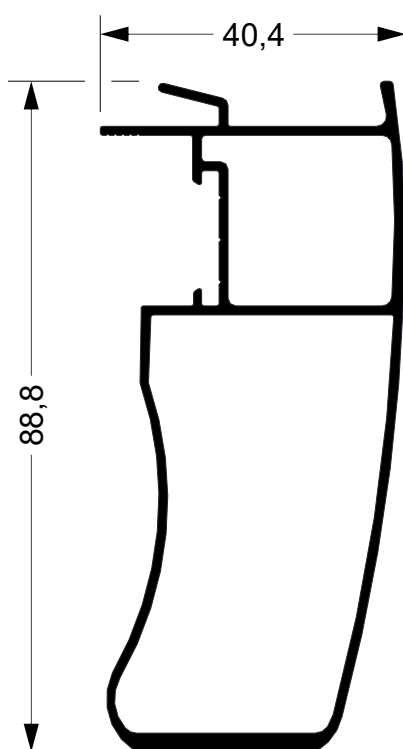
MG25-720

1,016 kg/m



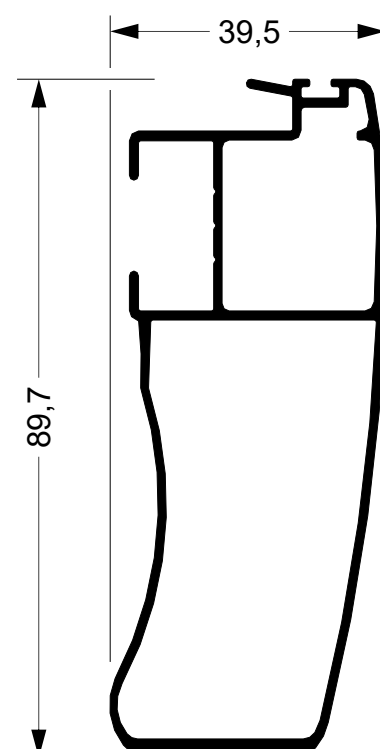
MG25-522

1,048 kg/m



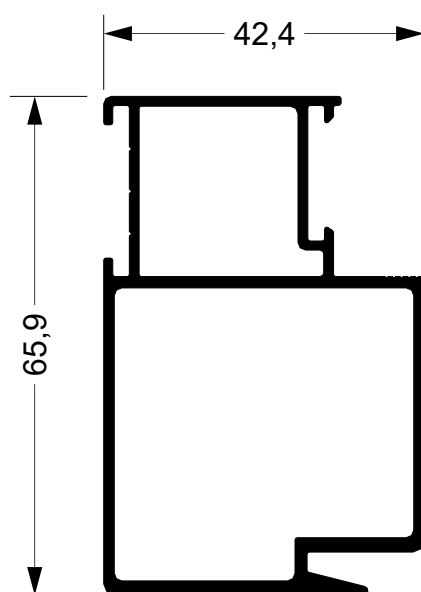
MG25-521

1,036 kg/m



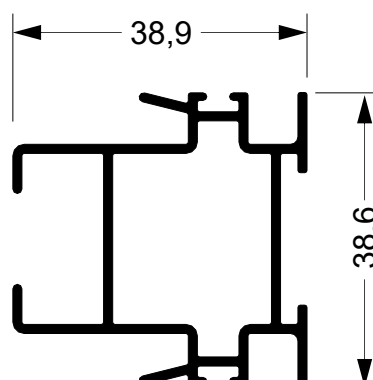
MG25-527

1,070 kg/m



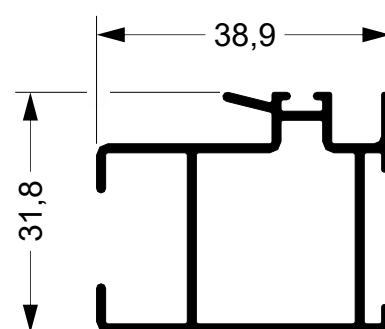
MG25-048

1,037 kg/m



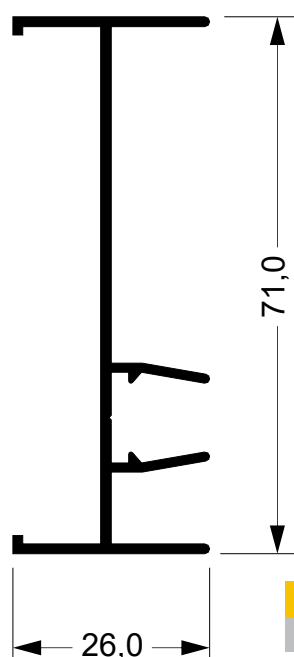
MG25-057

0,632 kg/m

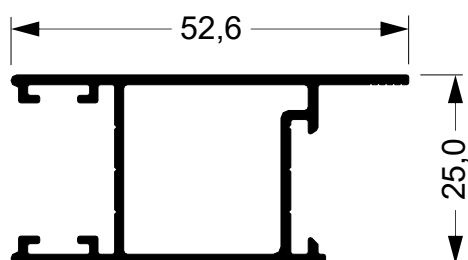


MG25-056

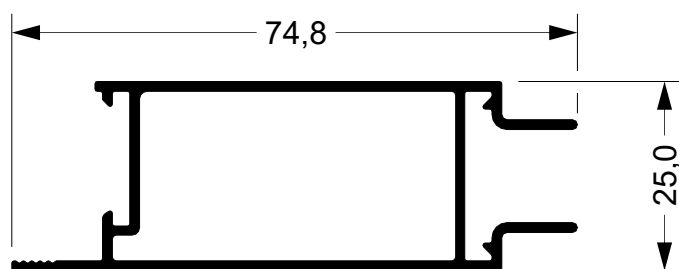
0,538 kg/m



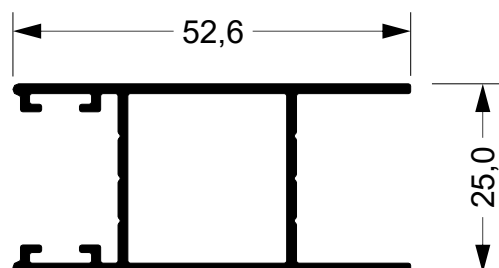
MG25-003
0,542 kg/m



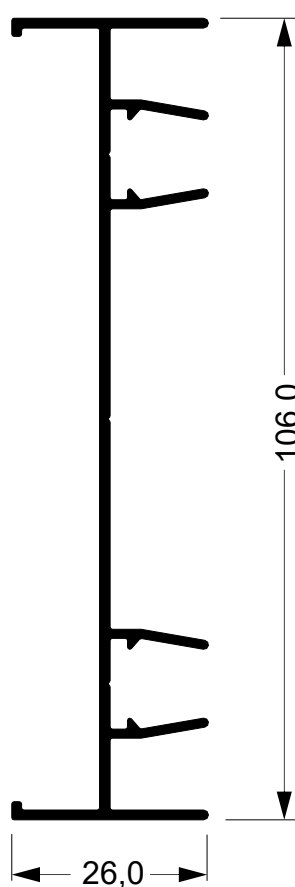
MG25-039
0,554 kg/m



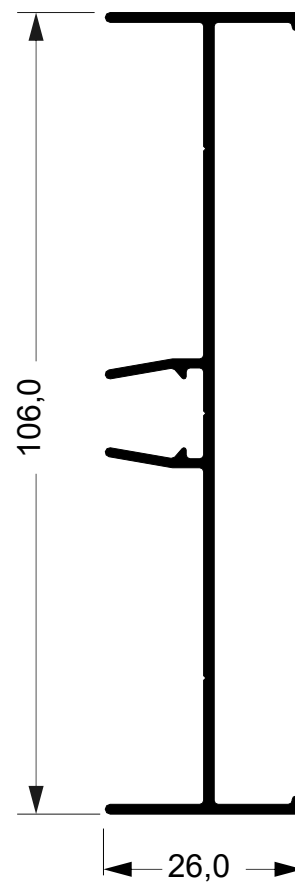
MG25-244
0,699 kg/m



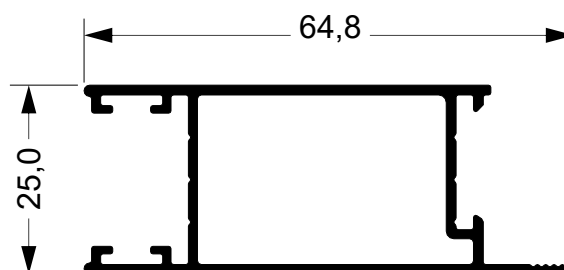
MG25-068
0,574 kg/m



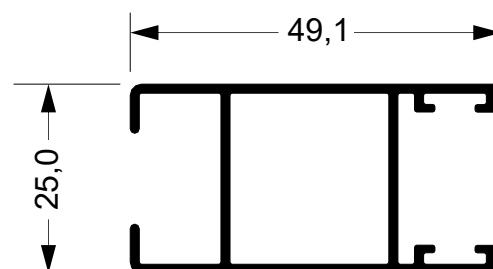
MG25-013
0,767 kg/m



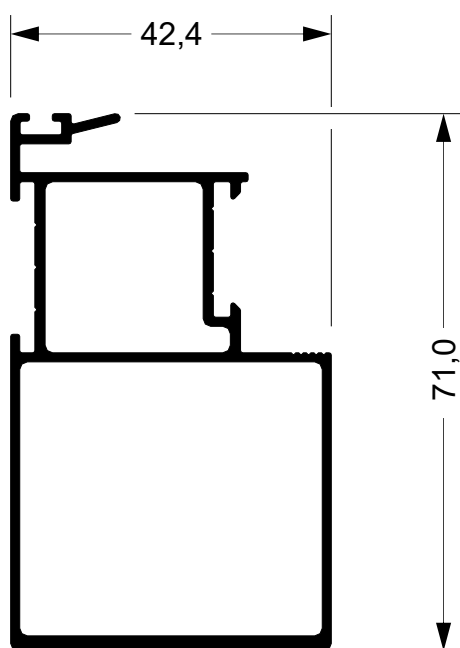
MG25-014
0,671 kg/m



MG25-245
0,636 kg/m

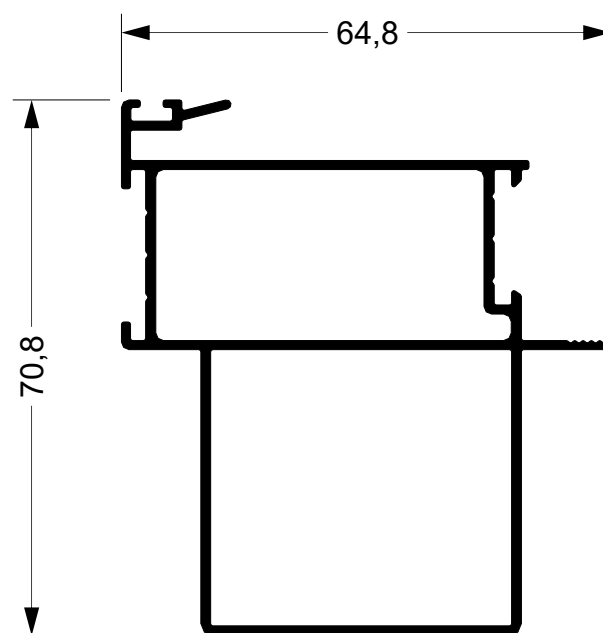


MG25-055
0,545 kg/m



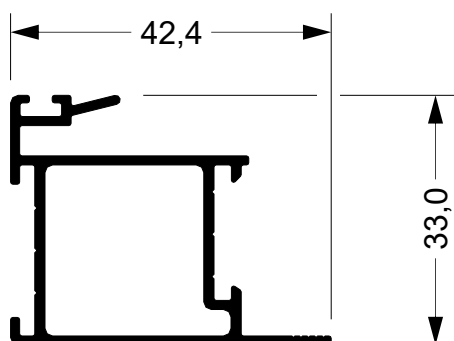
MG25-049

0,907 kg/m



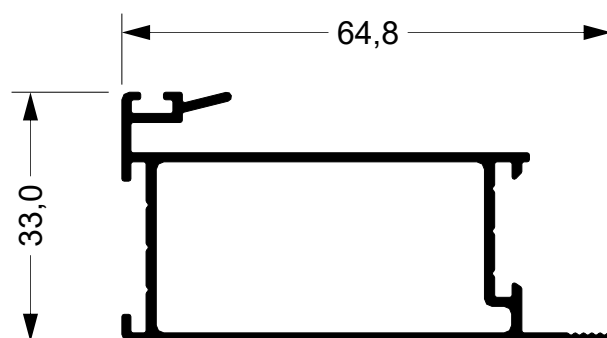
MG25-290

1,078 kg/m



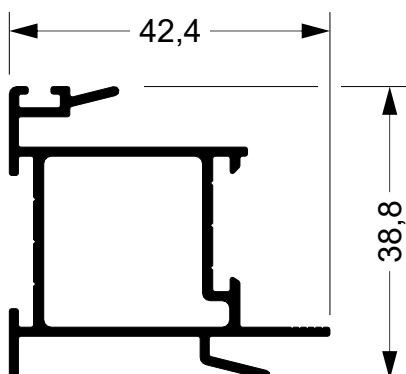
MG25-041

0,532 kg/m



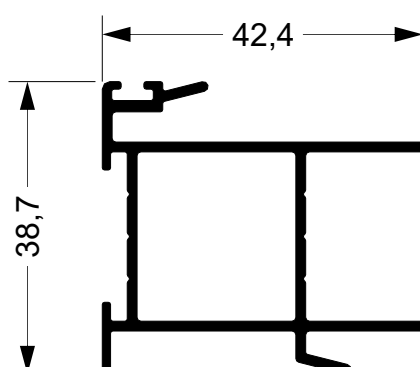
MG25-242

0,674 kg/m



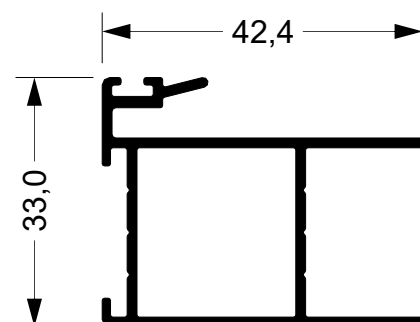
MG25-042

0,589 kg/m



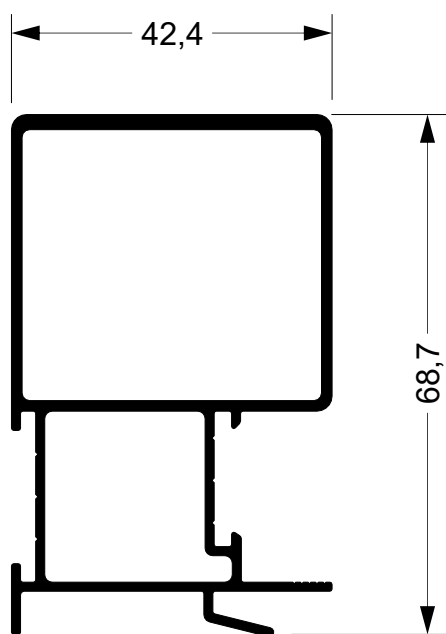
MG25-069

0,613 kg/m



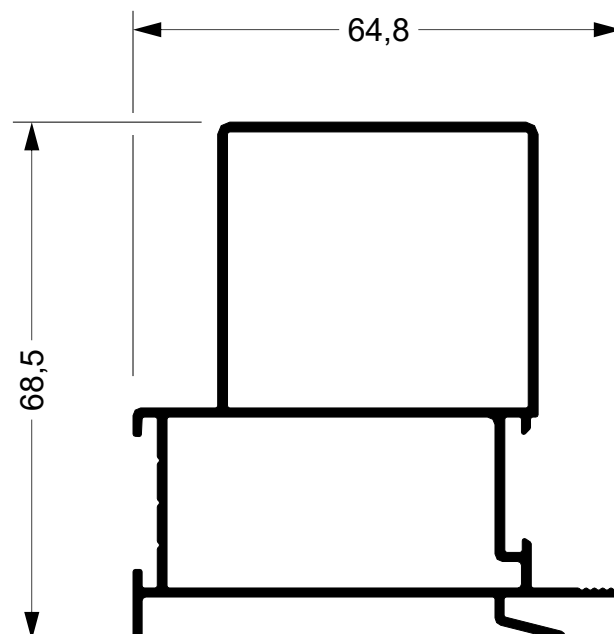
MG25-070

0,559 kg/m



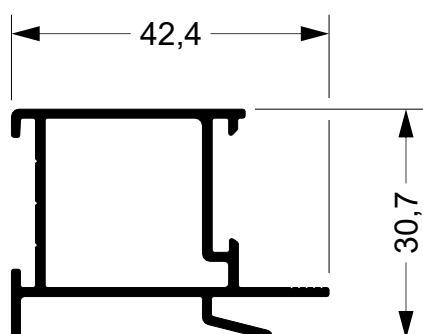
MG25-047

1,040 kg/m



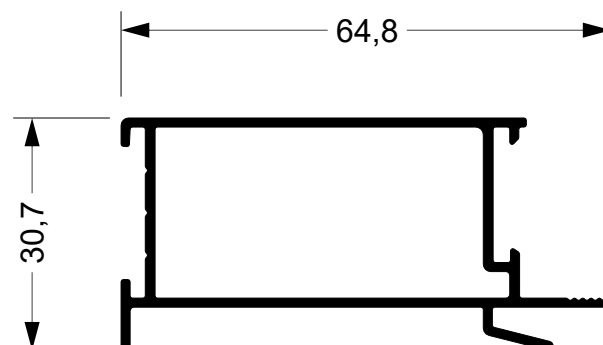
MG25-289

1,040 kg/m



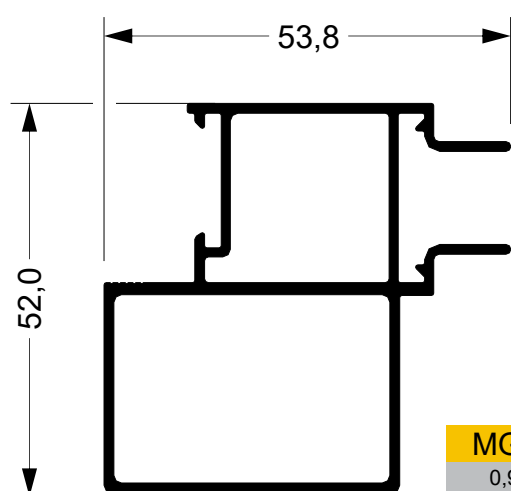
MG25-040

0,482 kg/m



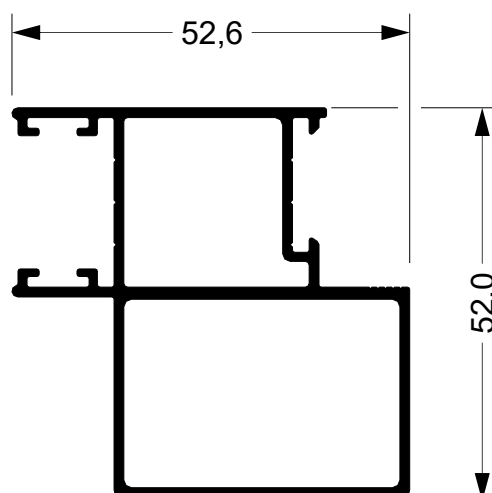
MG25-243

0,636 kg/m



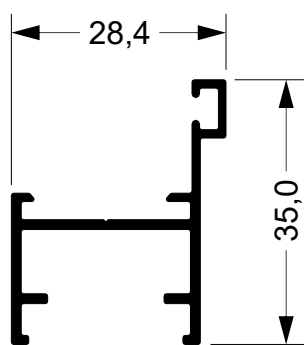
MG25-043

0,947 kg/m



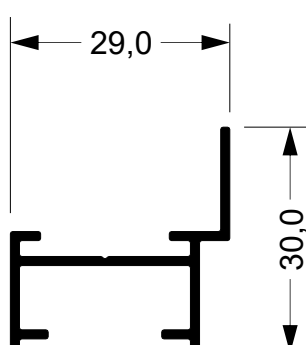
MG25-044

0,957 kg/m



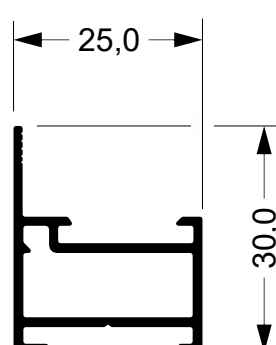
MG25-079

0,333 kg/m



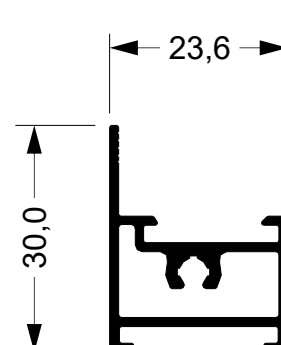
MG25-782

0,279 kg/m



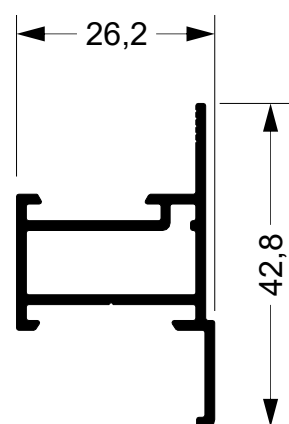
MG25-080

0,362 kg/m



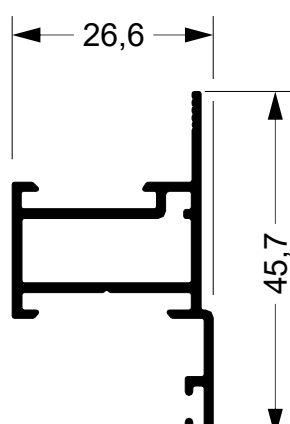
MG25-082

0,389 kg/m



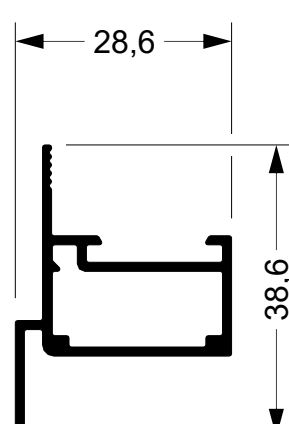
MG25-081

0,420 kg/m



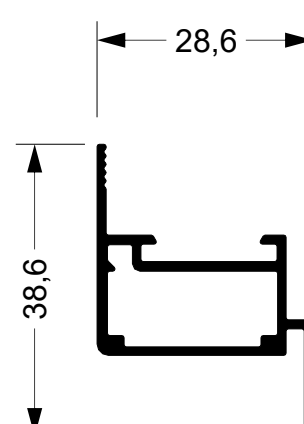
MG25-200

0,440 kg/m



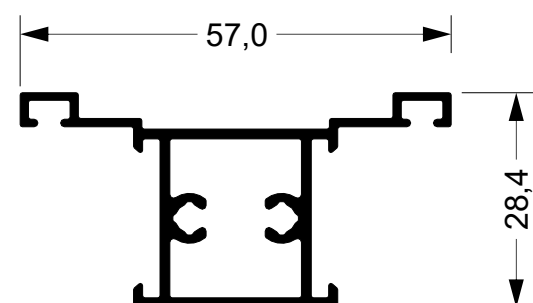
MG25-097

0,399 kg/m



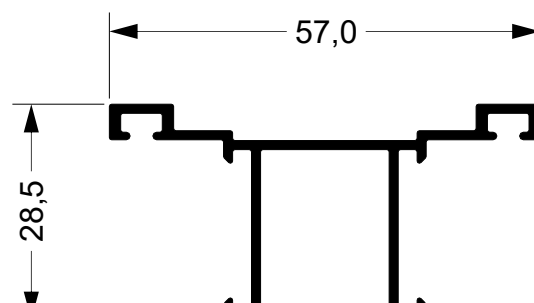
MG25-098

0,399 kg/m



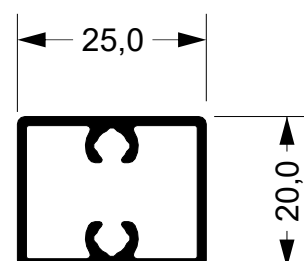
MG25-086

0,592 kg/m



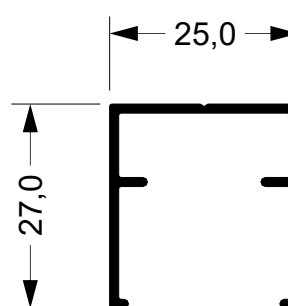
MG25-085

0,506 kg/m



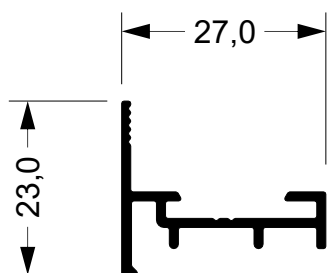
MG25-094

0,362 kg/m



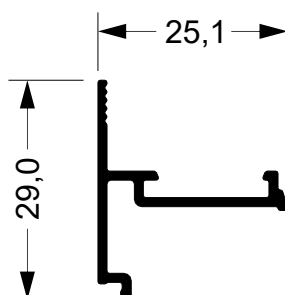
MG25-093

0,280 kg/m



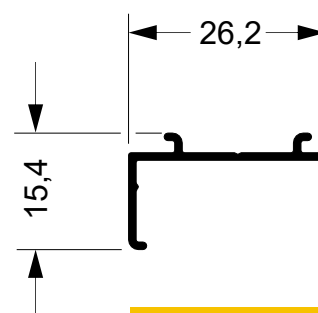
MG25-099

0,228 kg/m



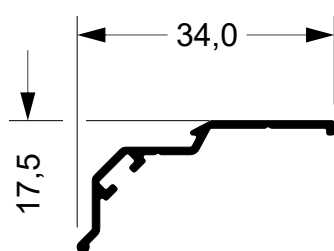
MG25-292

0,214 kg/m



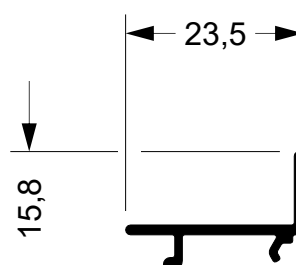
MG25-795

0,125 kg/m



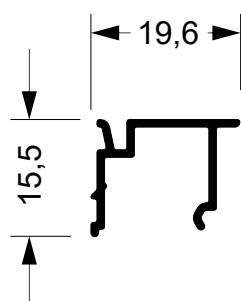
MG25-083

0,144 kg/m



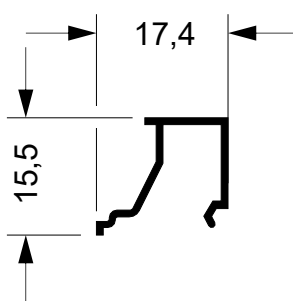
MG25-108

0,145 kg/m



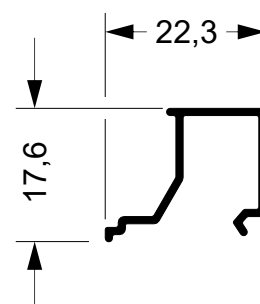
MG25-797

0,107 kg/m



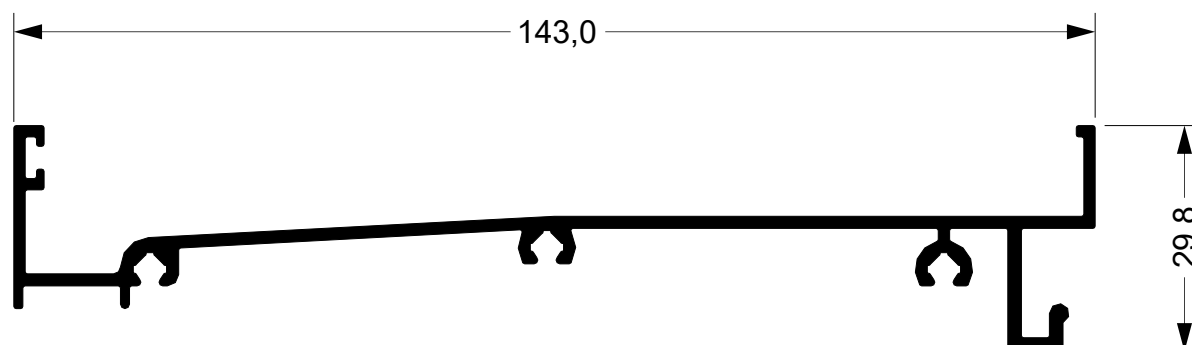
MG25-1230

0,110 kg/m



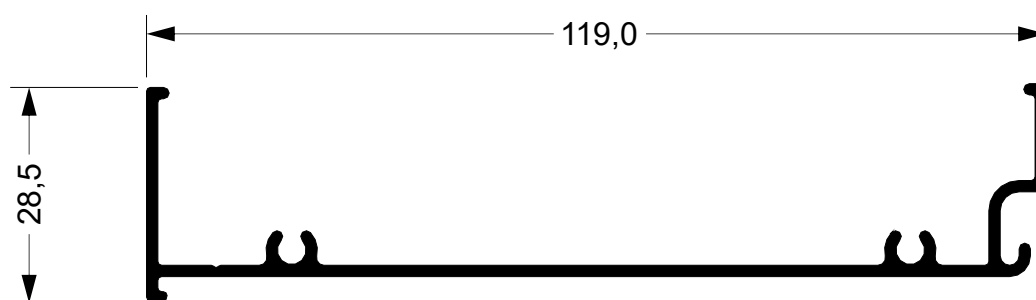
MG25-103

0,156 kg/m



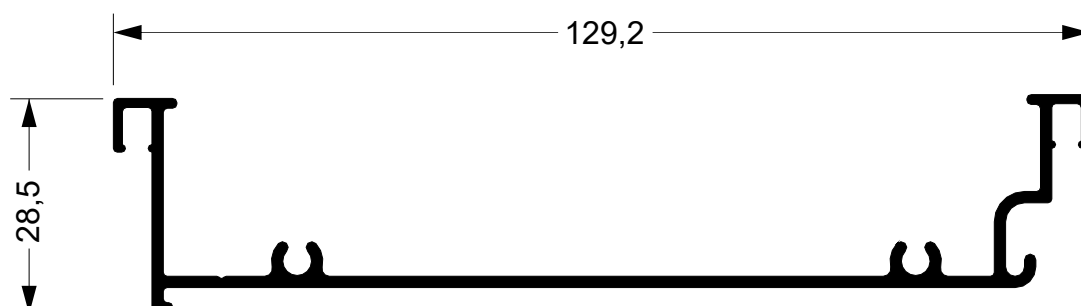
MG25-370

1,108 kg/m



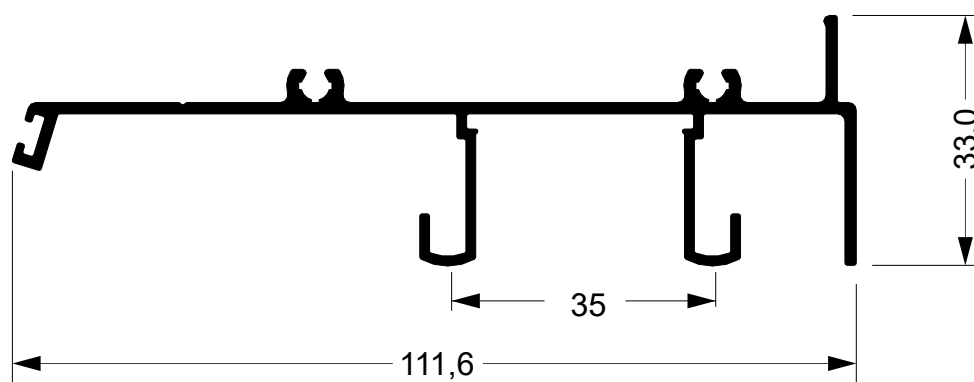
MG25-508

0,810 kg/m



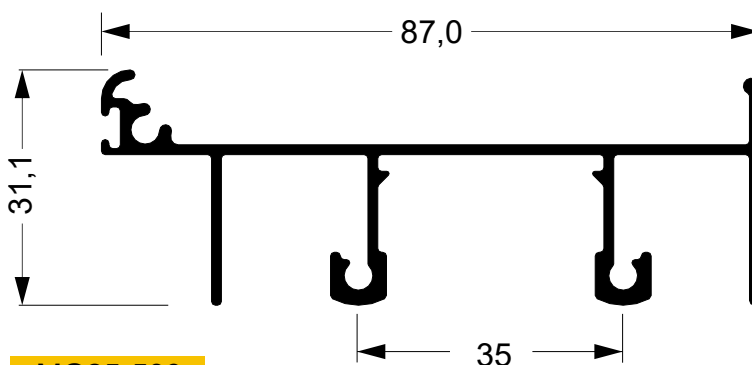
MG25-524

0,887 kg/m



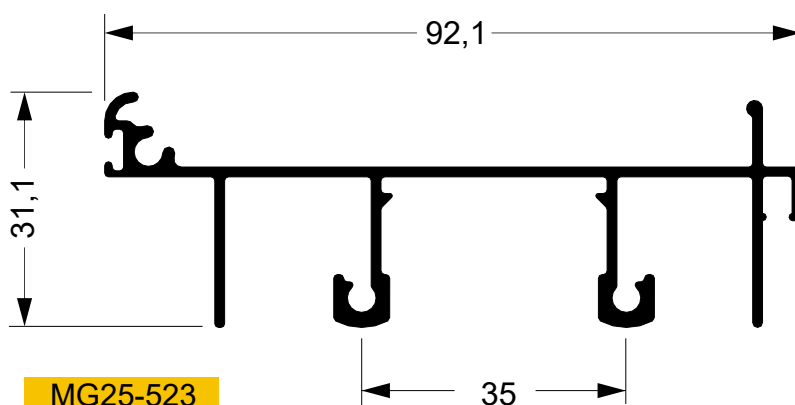
MG25-430

0,948 kg/m



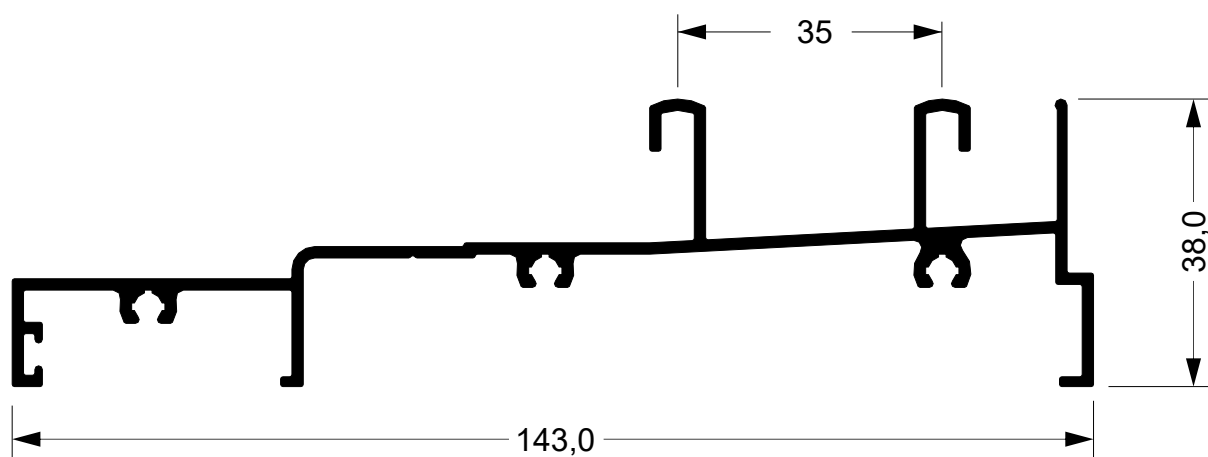
MG25-509

0,843 kg/m



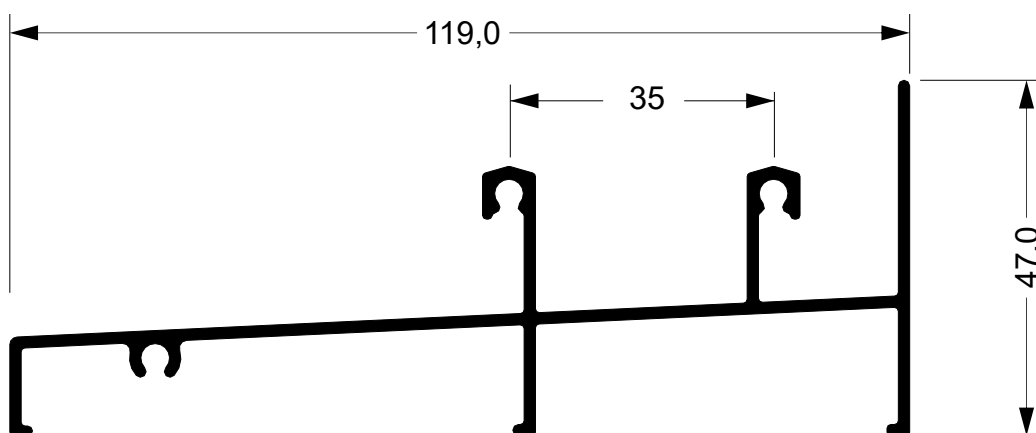
MG25-523

0,881 kg/m



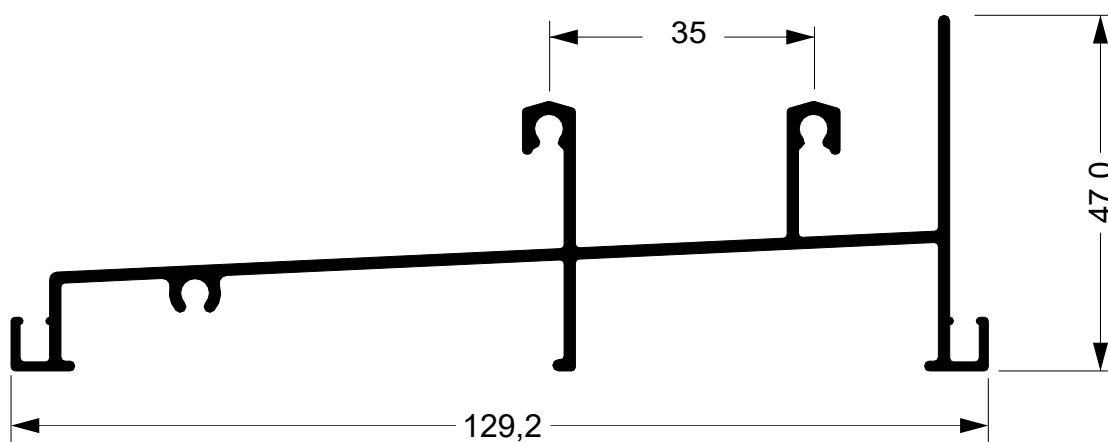
MG25-390

1,291 kg/m



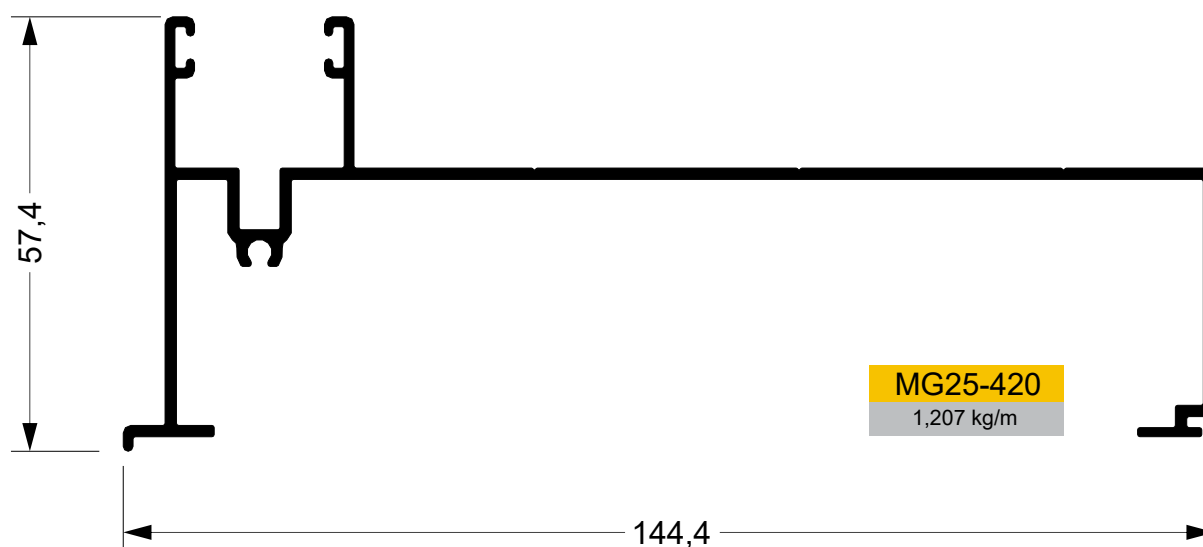
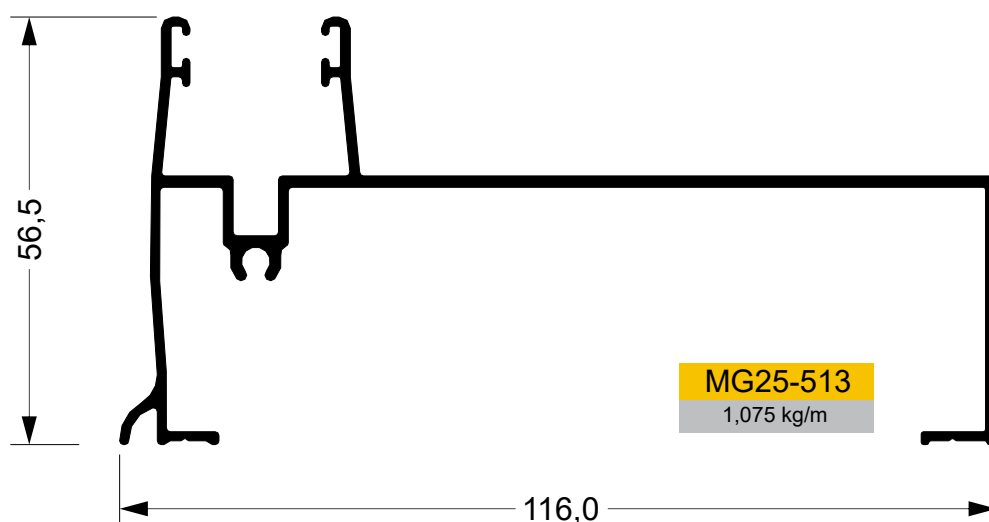
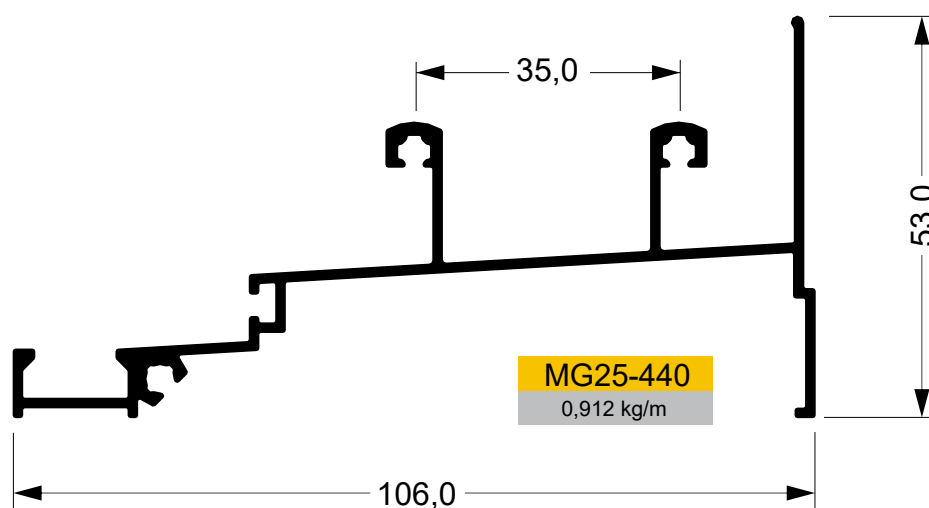
MG25-510

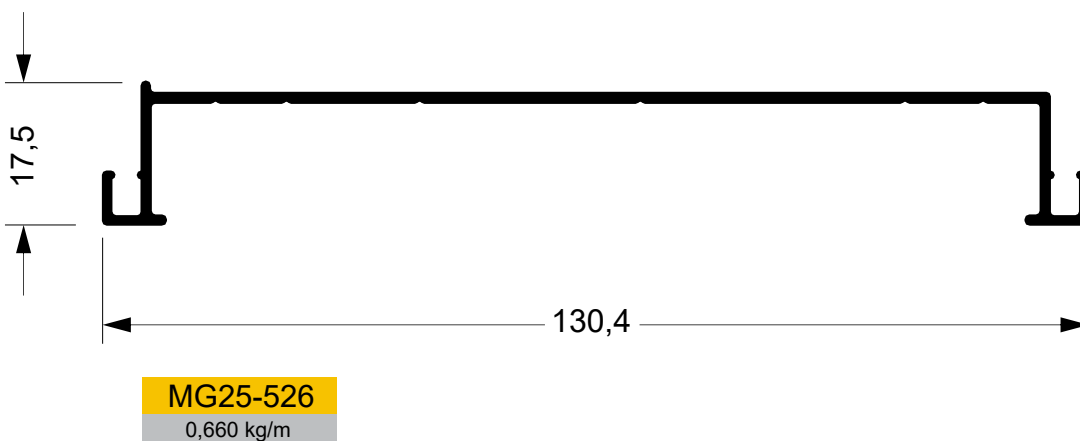
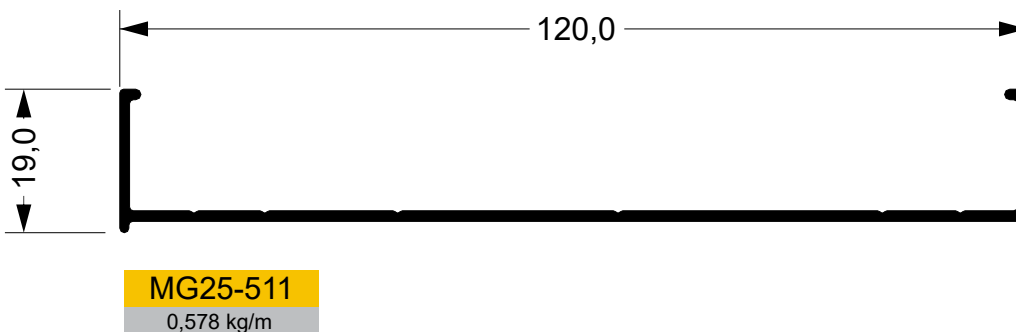
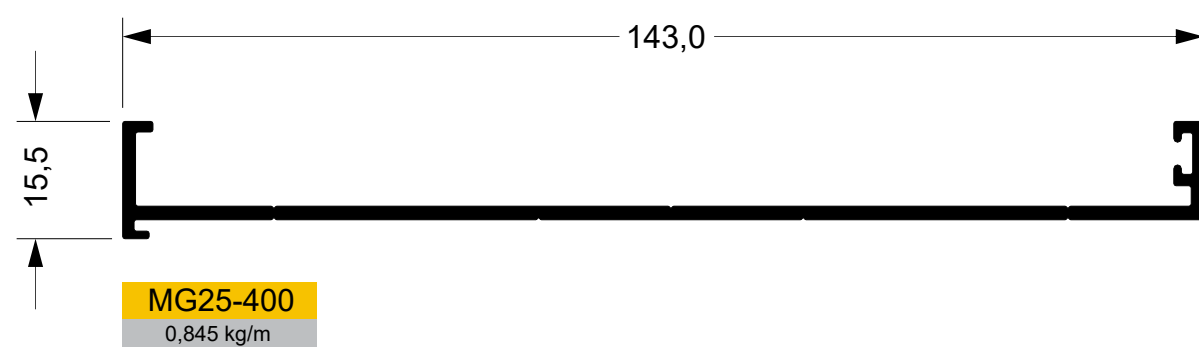
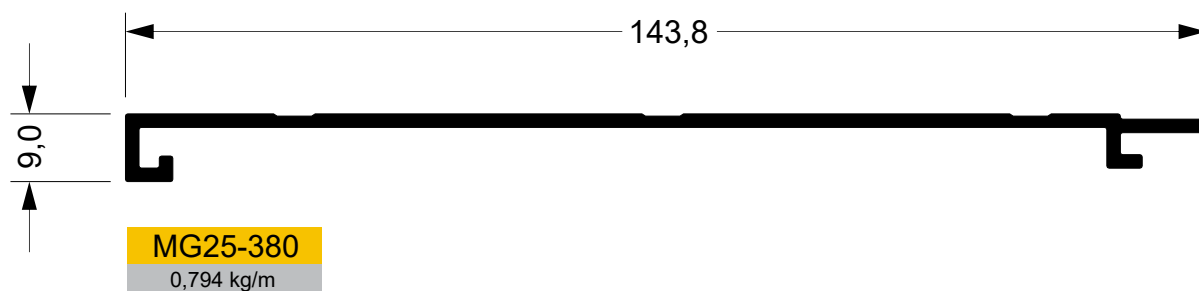
1,085 kg/m



MG25-525

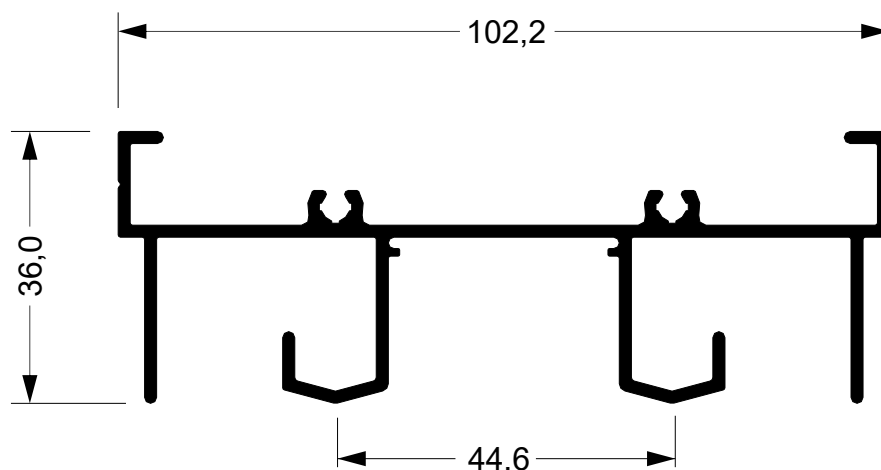
1,163 kg/m





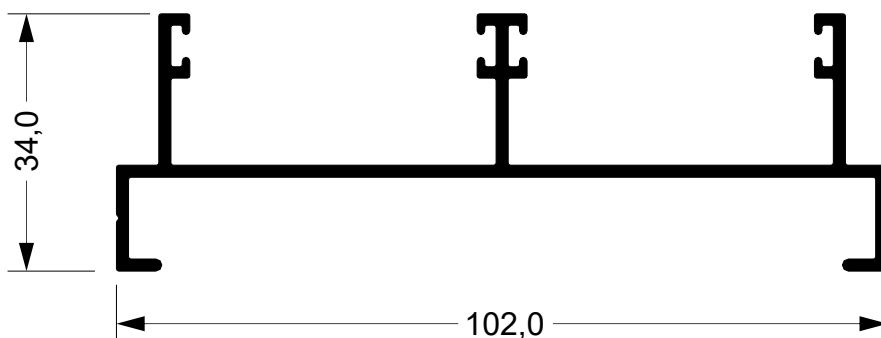
LINHA MEGA 32

This image shows a single page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.



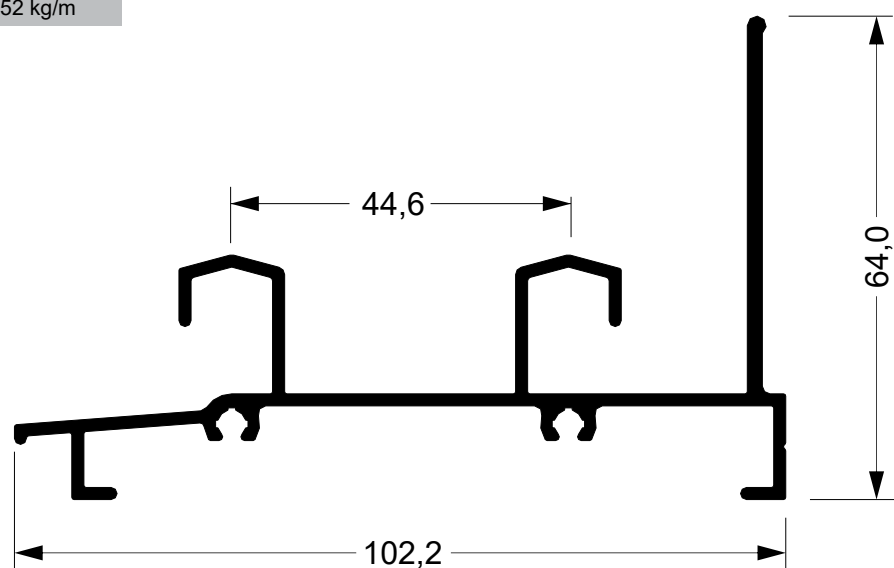
MG32-001

1,230 kg/m



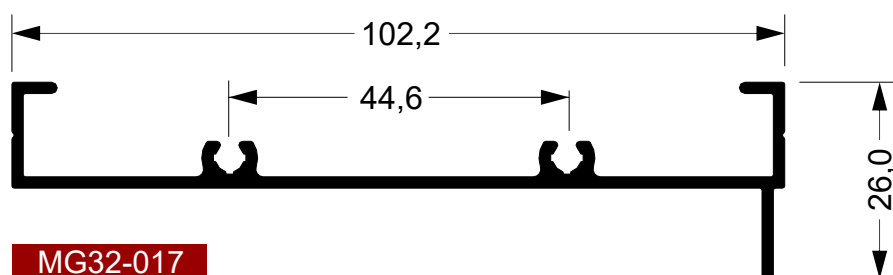
MG32-002

0,952 kg/m



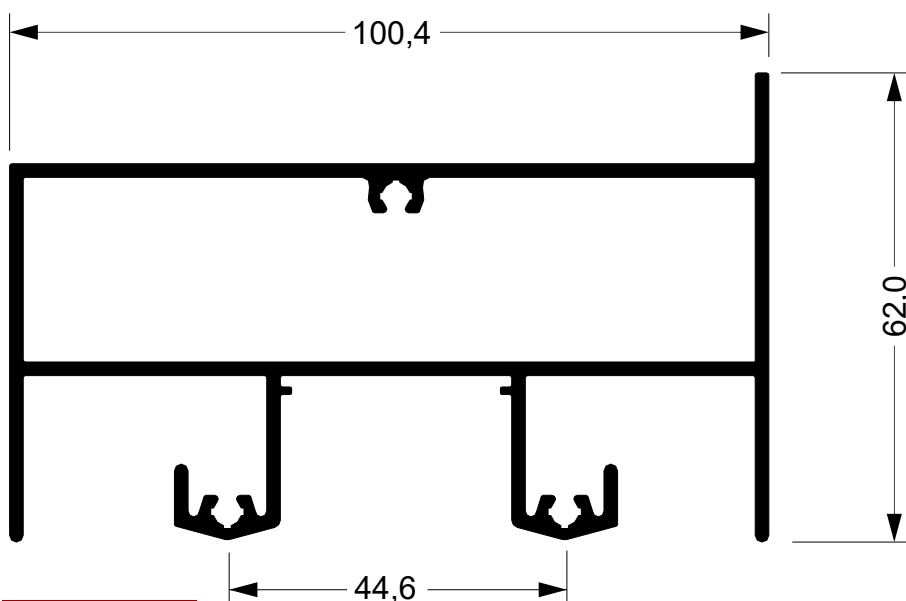
MG32-004

1,256 kg/m



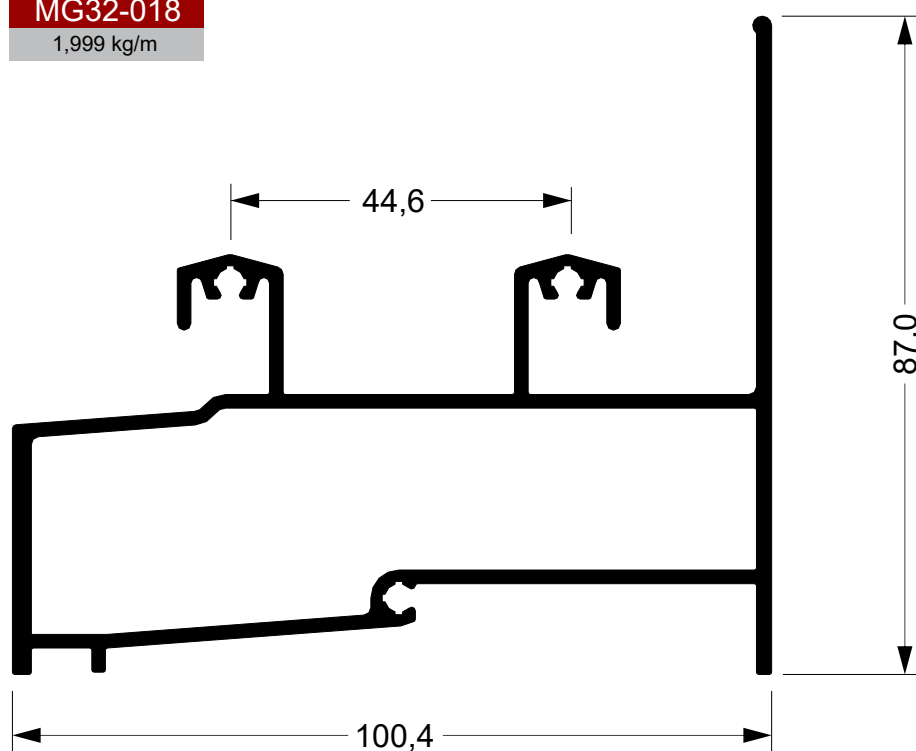
MG32-017

0,708 kg/m



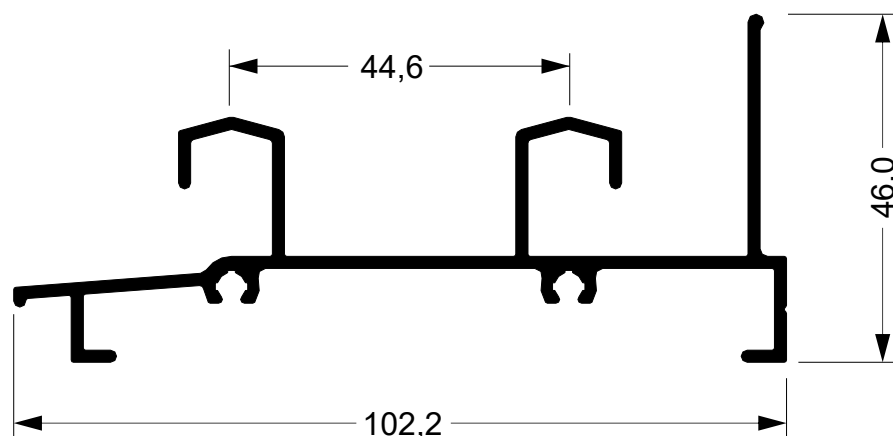
MG32-018

1,999 kg/m



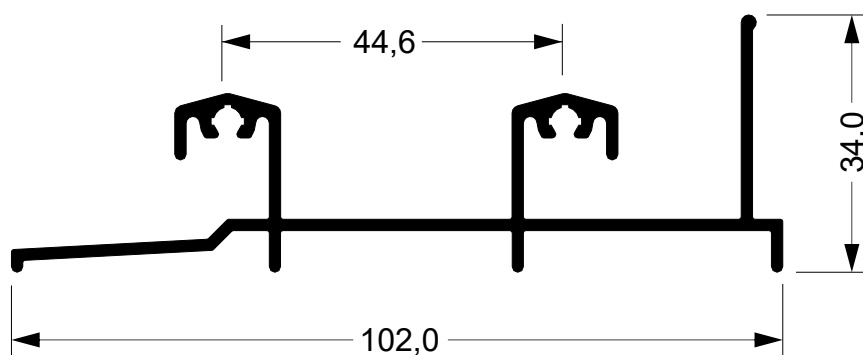
MG32-019

2,115 kg/m



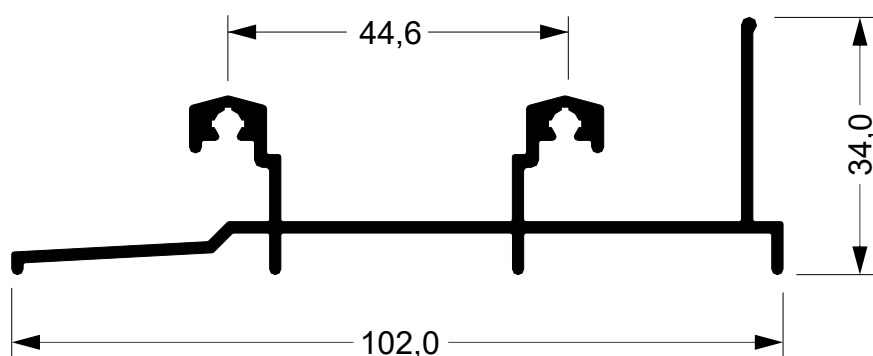
MG32-023

1,123 kg/m



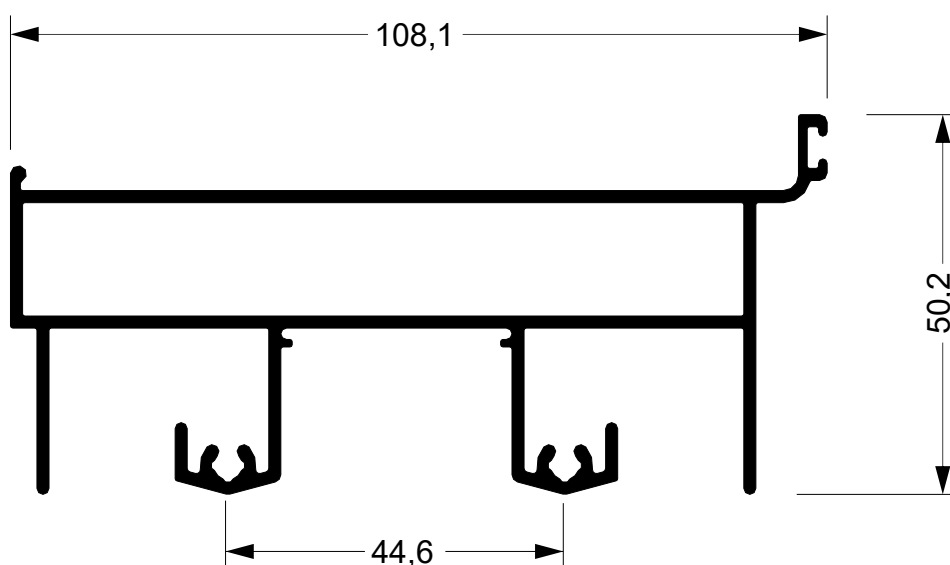
MG32-610

0,957 kg/m



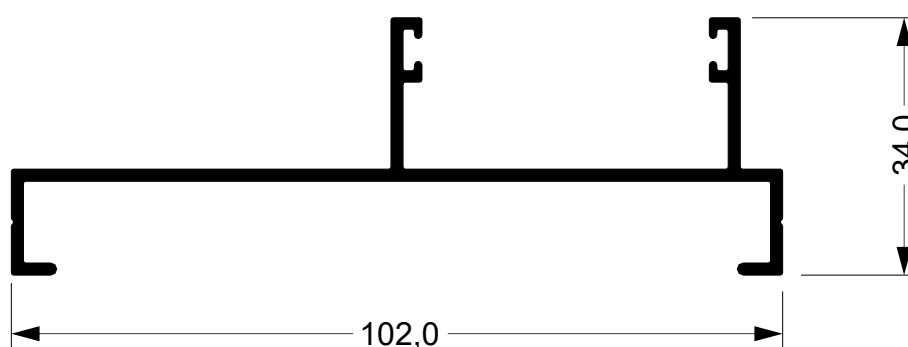
MG32-611

0,934 kg/m



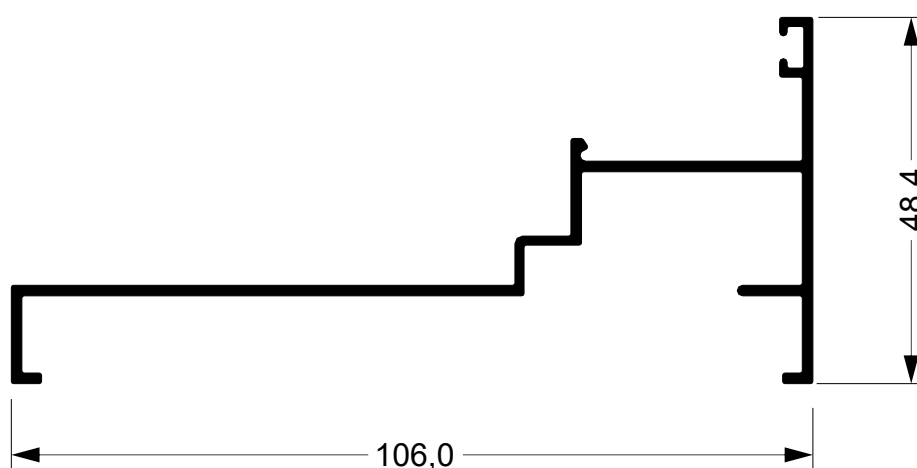
MG32-107

1,714 kg/m



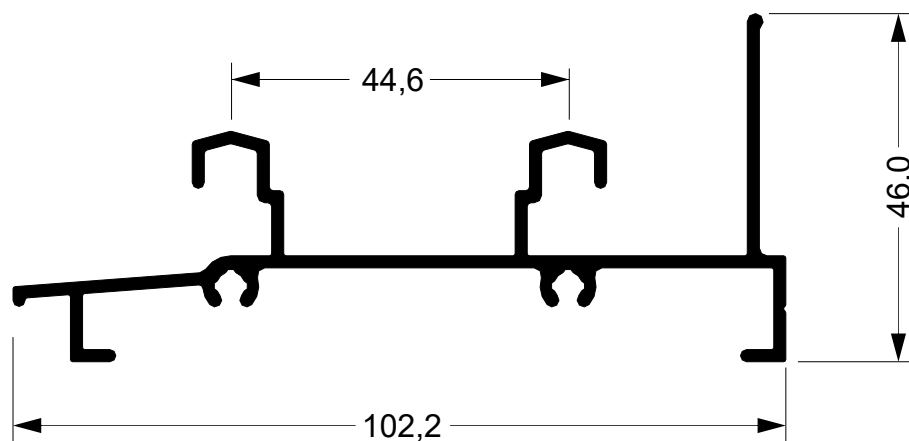
MG32-049

0,812 kg/m



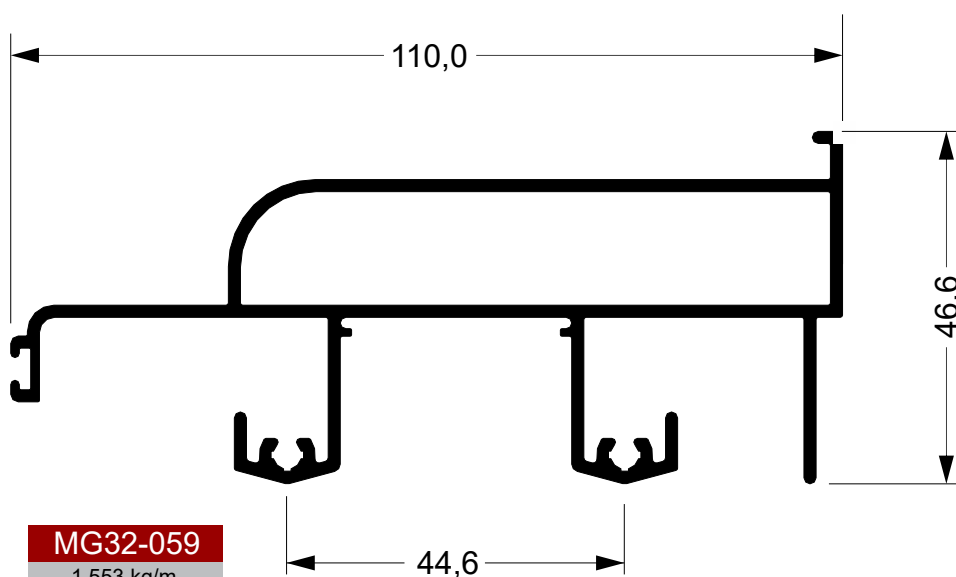
MG32-173

0,766 kg/m



MG32-083

1,088 kg/m



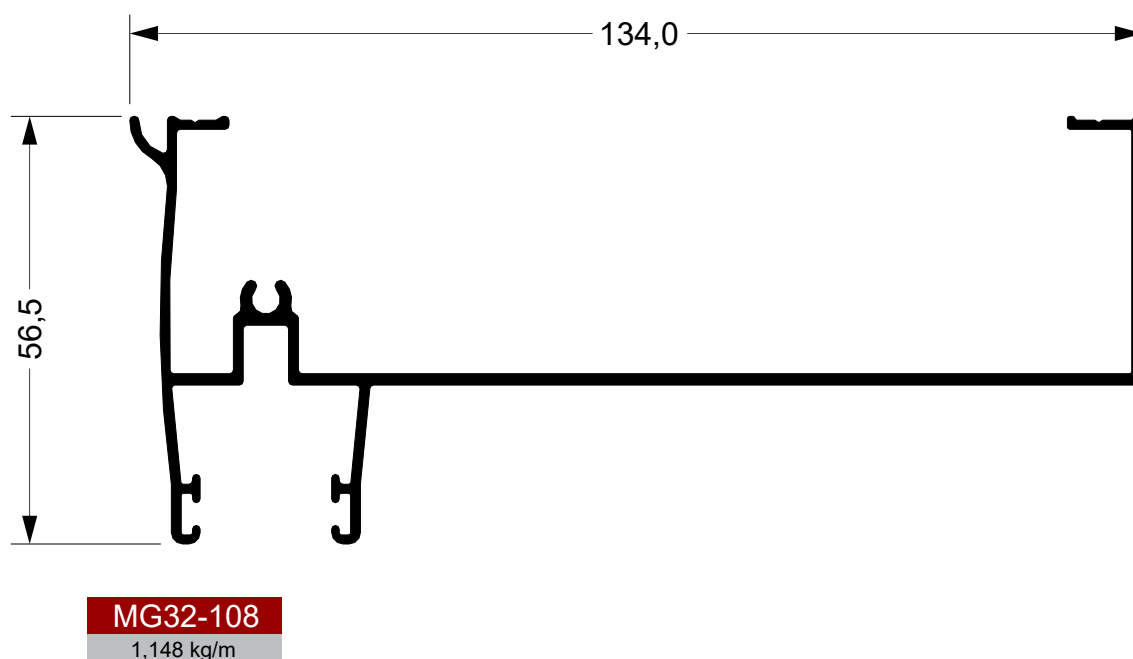
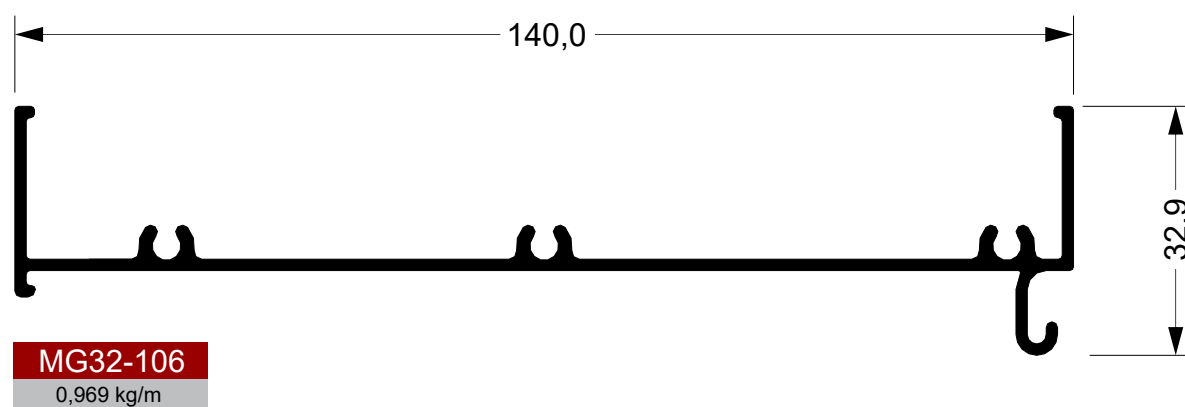
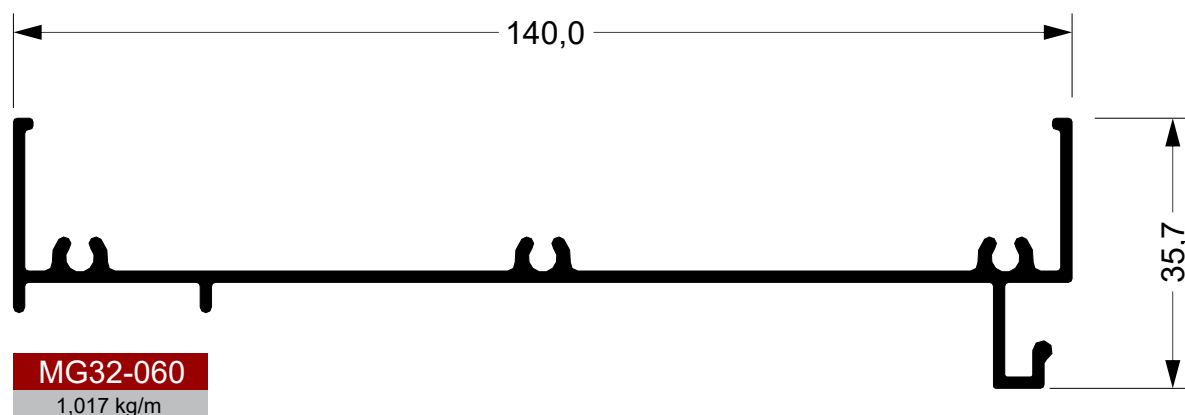
MG32-059

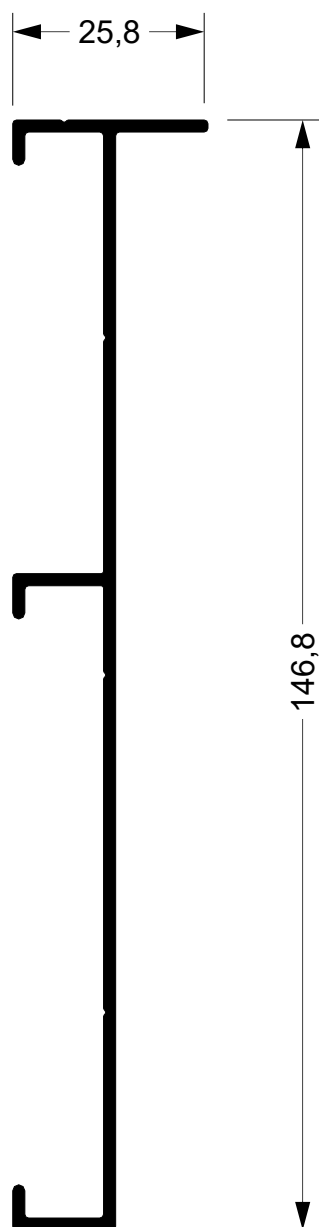
1,553 kg/m



MG32-016

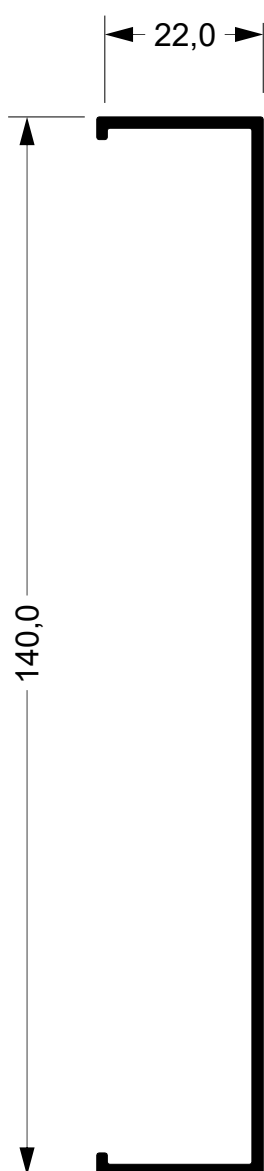
0,601 kg/m





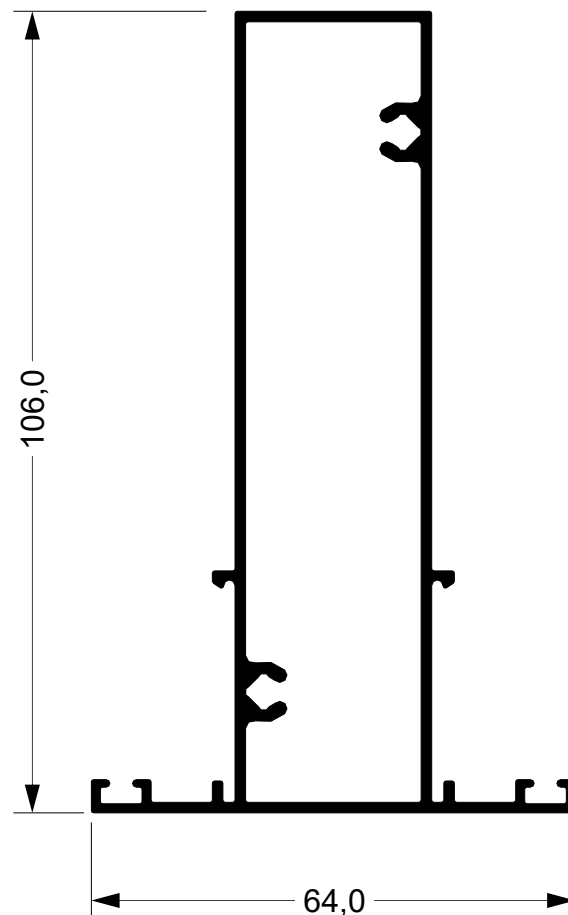
MG32-072

0,898 kg/m



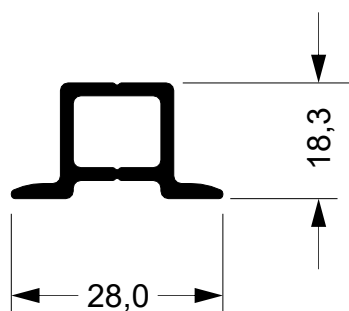
MG32-058

0,746 kg/m



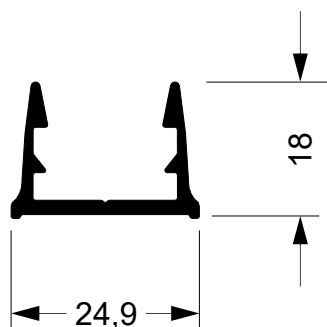
MG32-159

1,342 kg/m



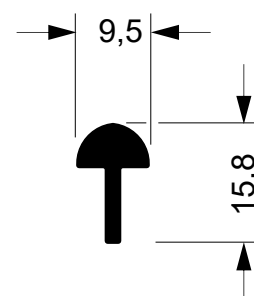
MG32-177

0,429 kg/m



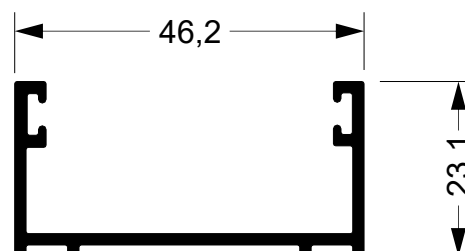
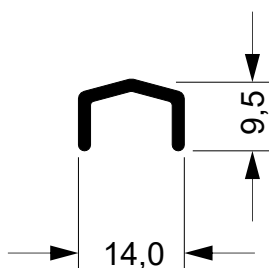
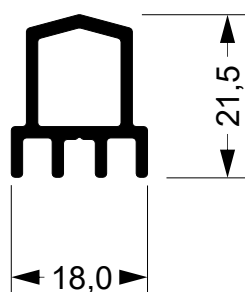
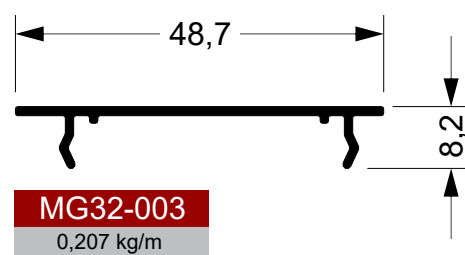
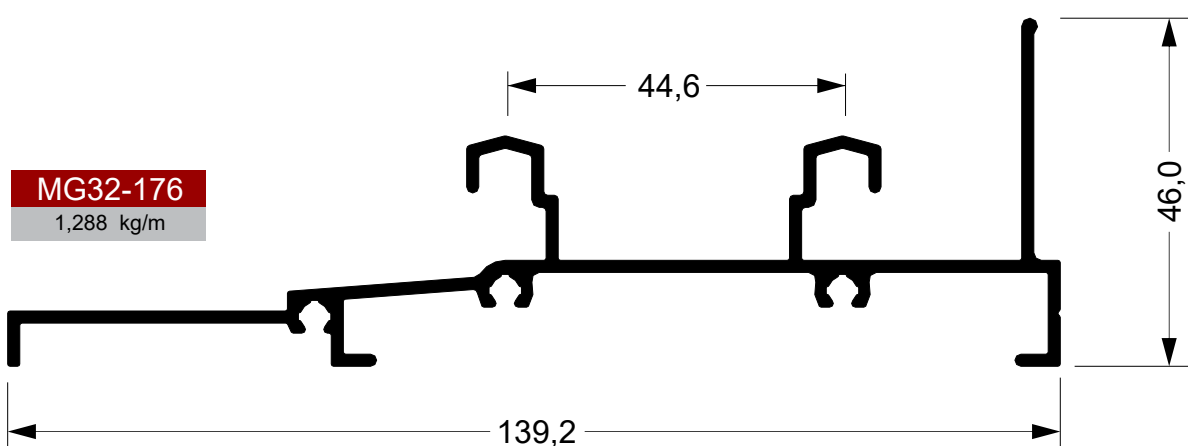
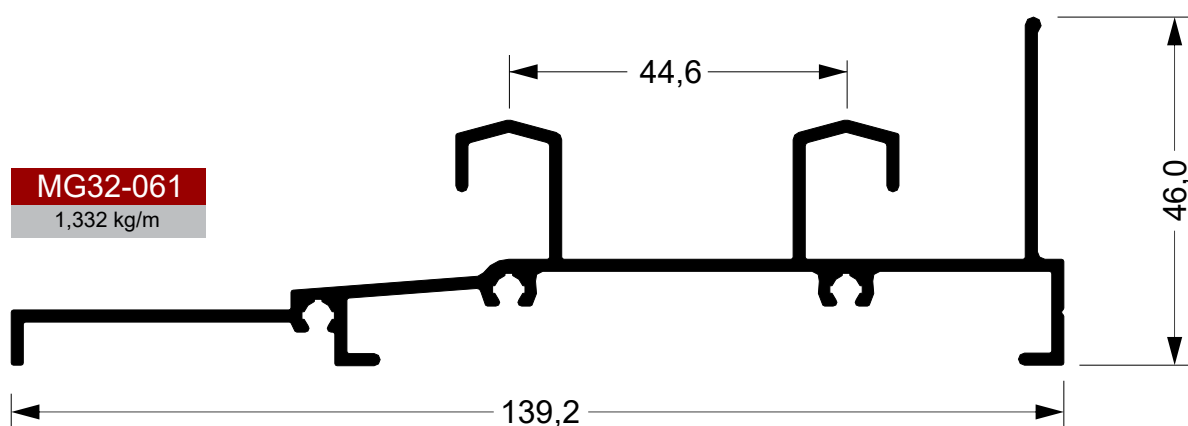
MG32-111

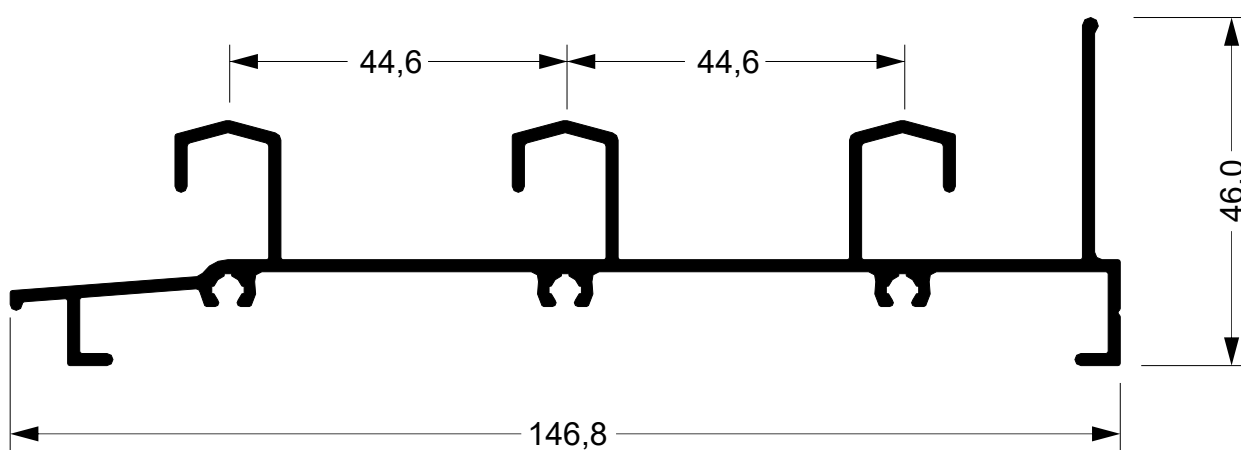
0,282 kg/m



MG32-119

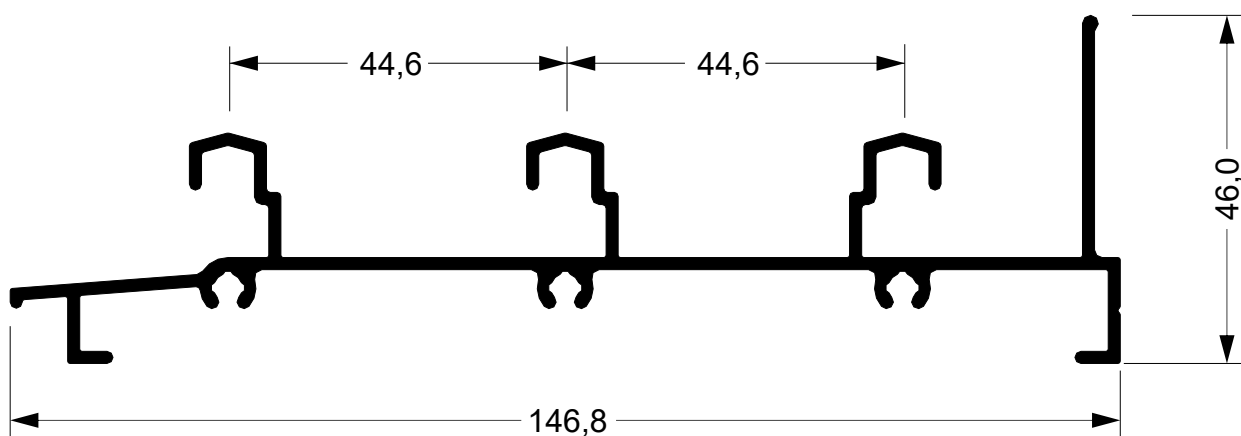
0,172 kg/m





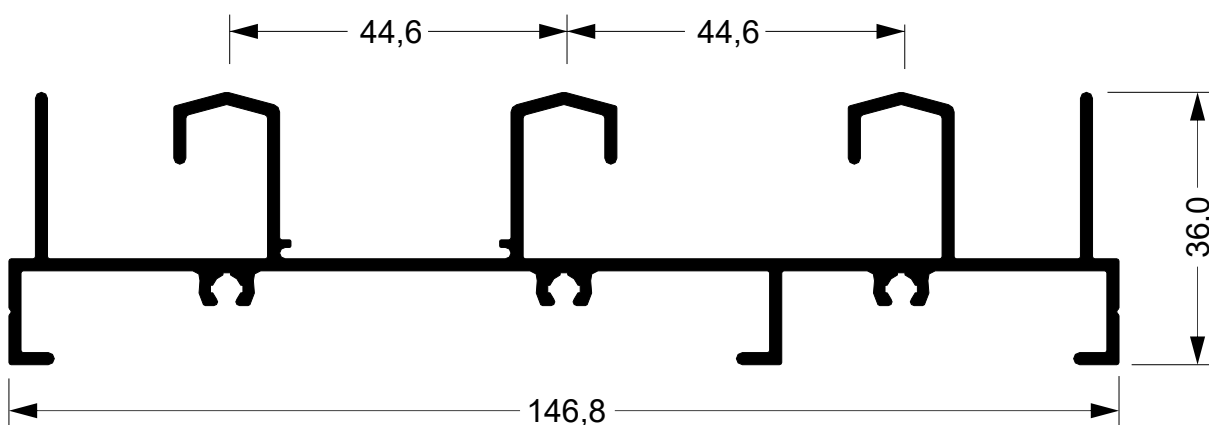
MG32-015

1,524 kg/m



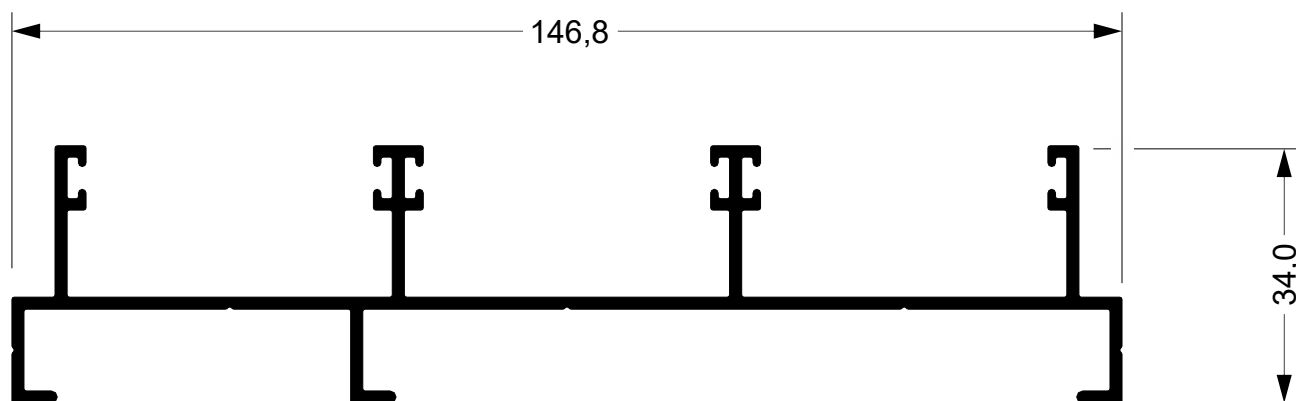
MG32-084

1,470 kg/m



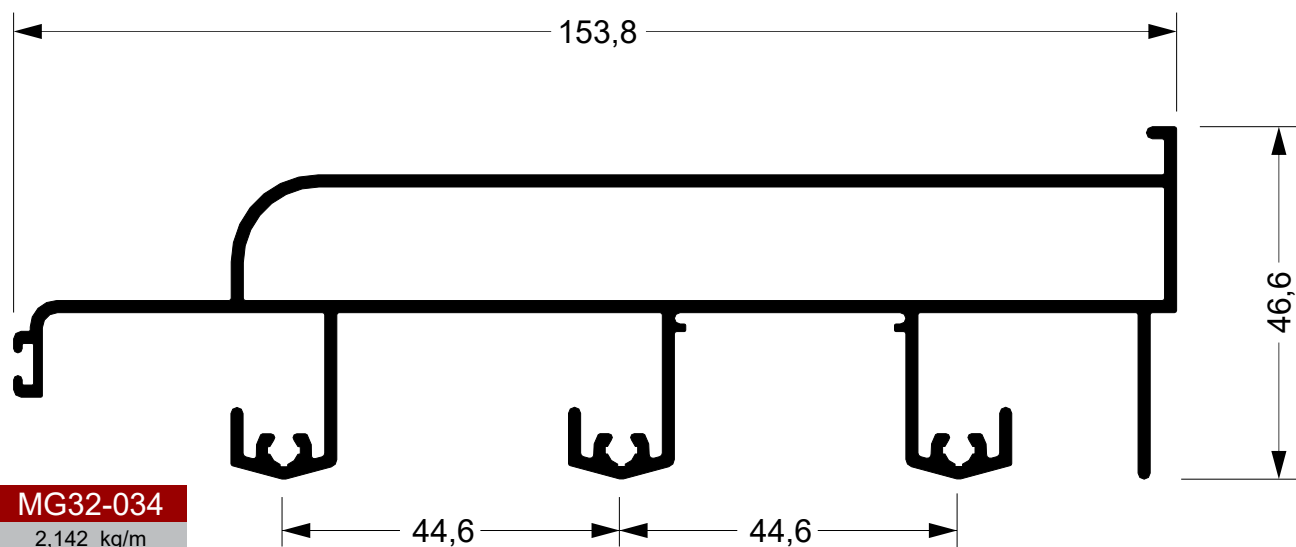
MG32-013

1,718 kg/m



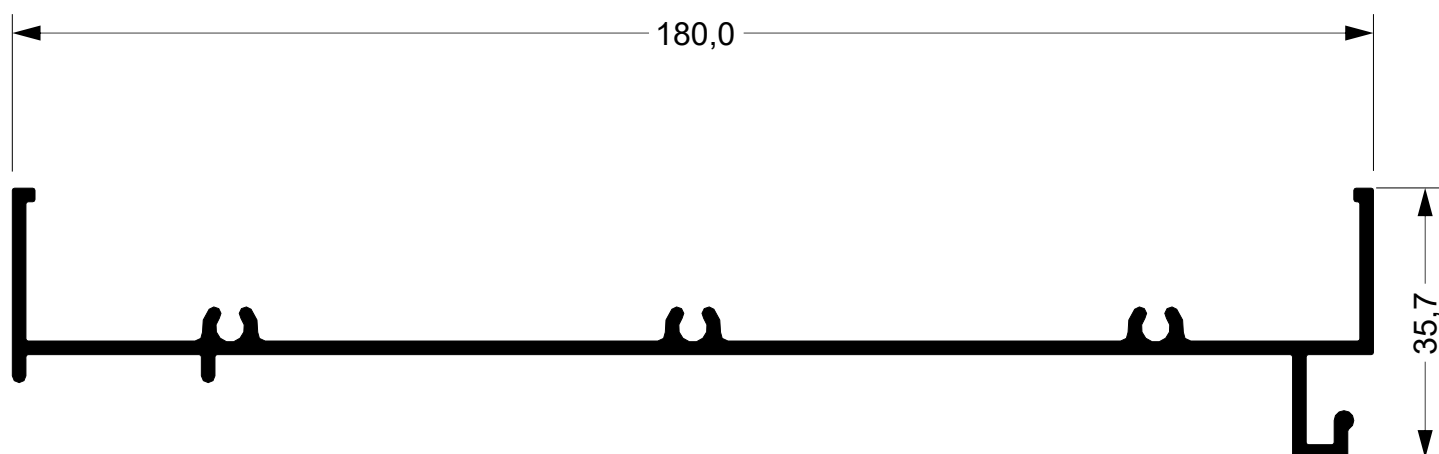
MG32-014

1,357 kg/m



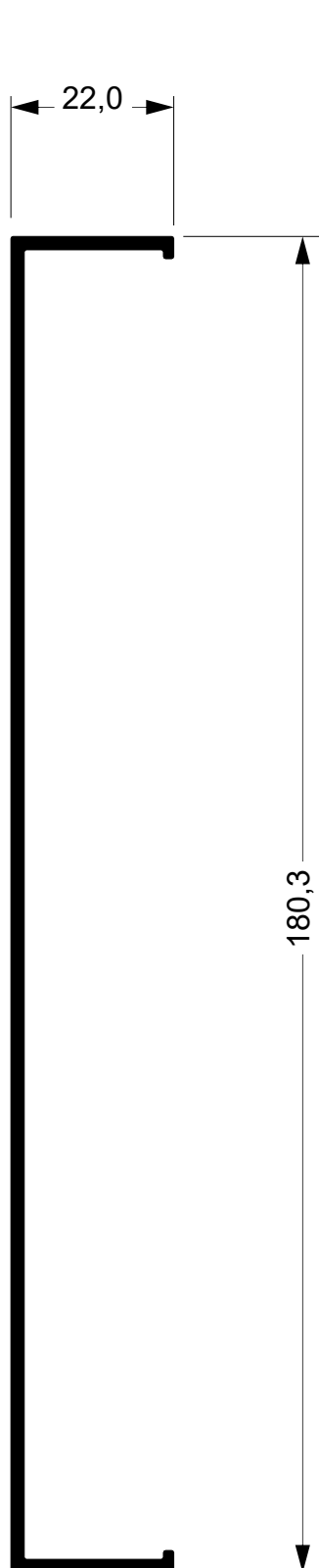
MG32-034

2,142 kg/m



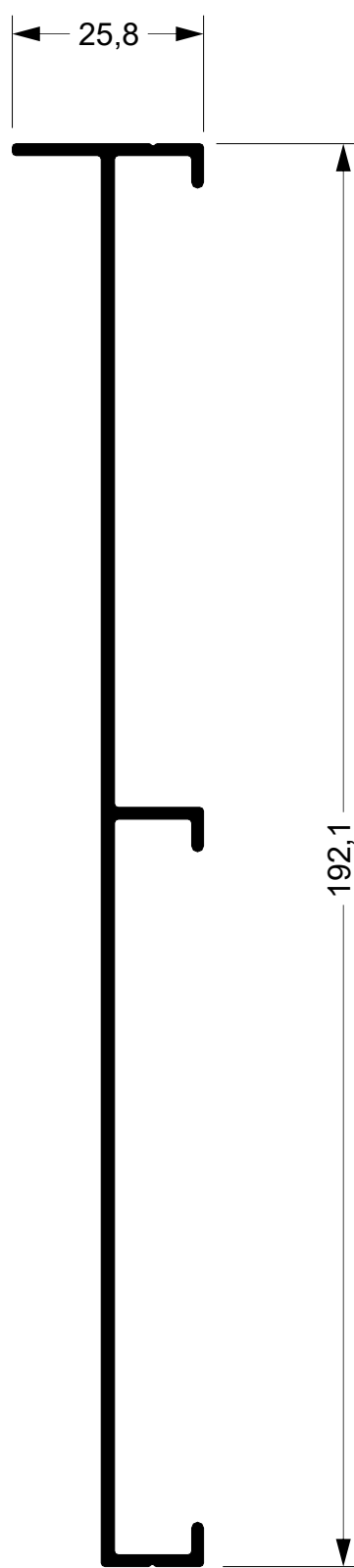
MG32-041

1,378 kg/m



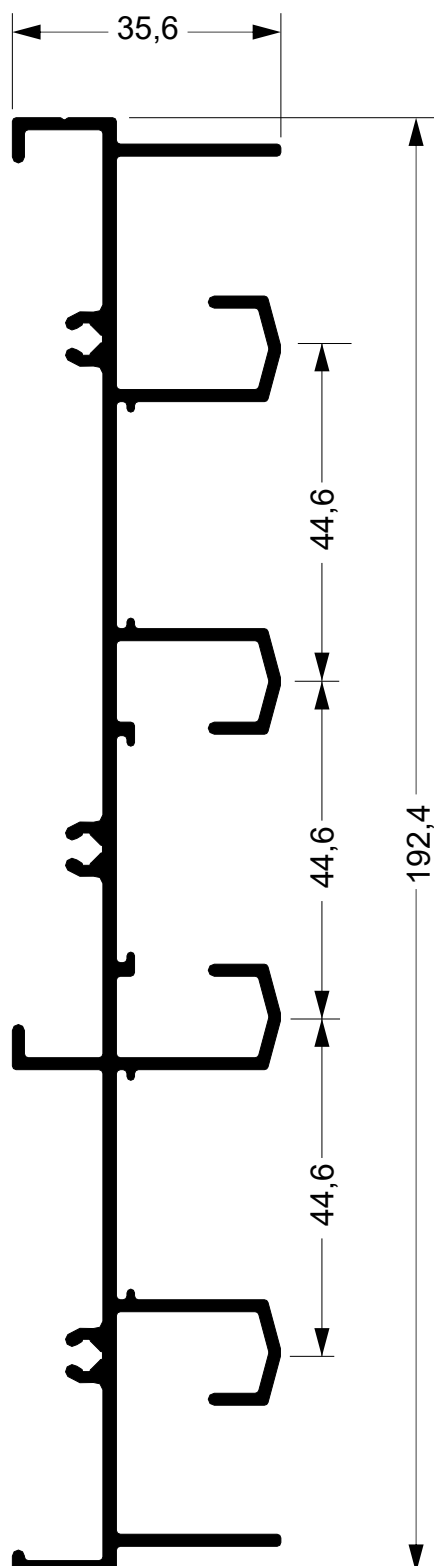
MG32-035

1,085 kg/m

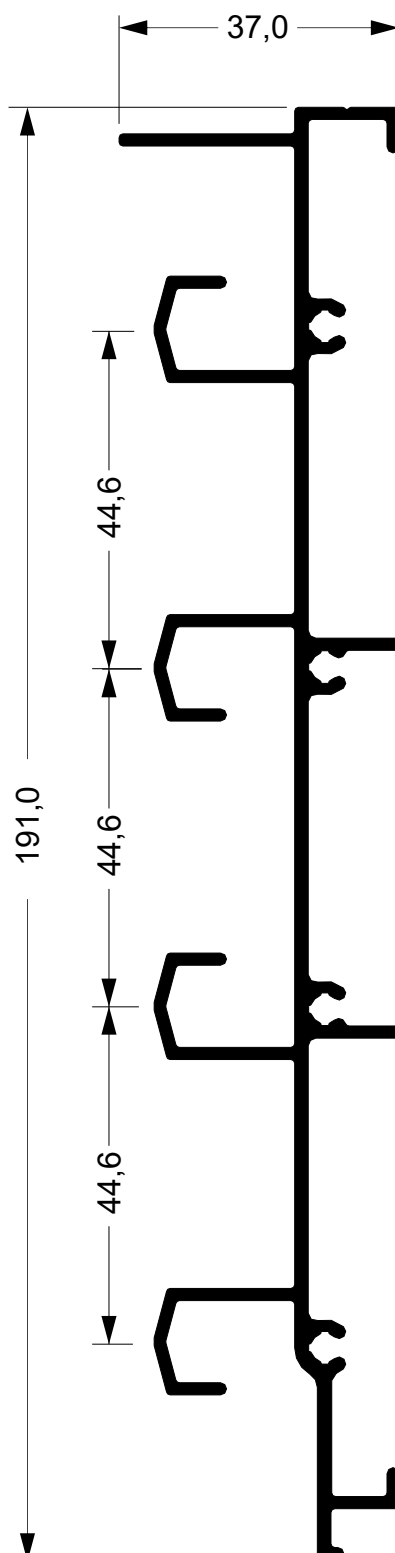


MG32-067

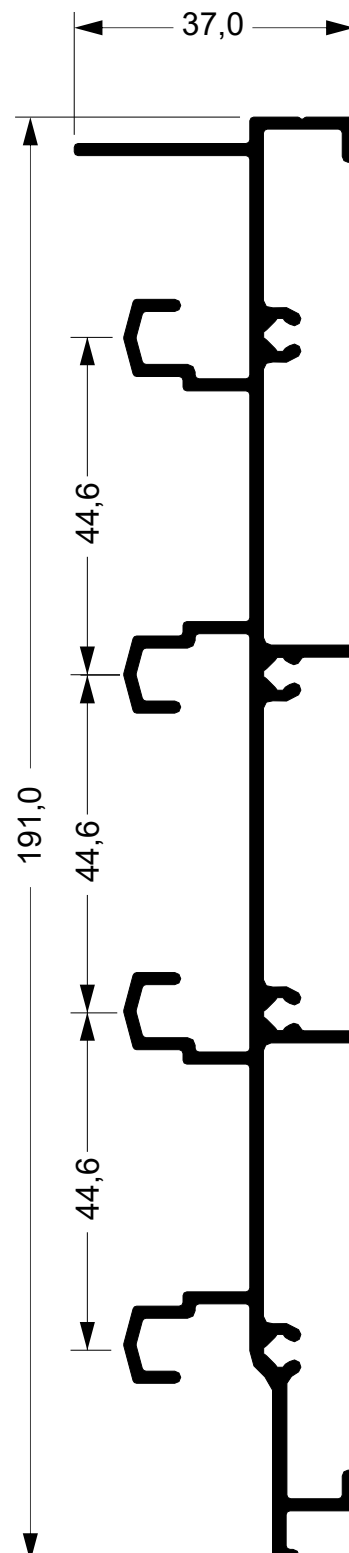
1,199 kg/m



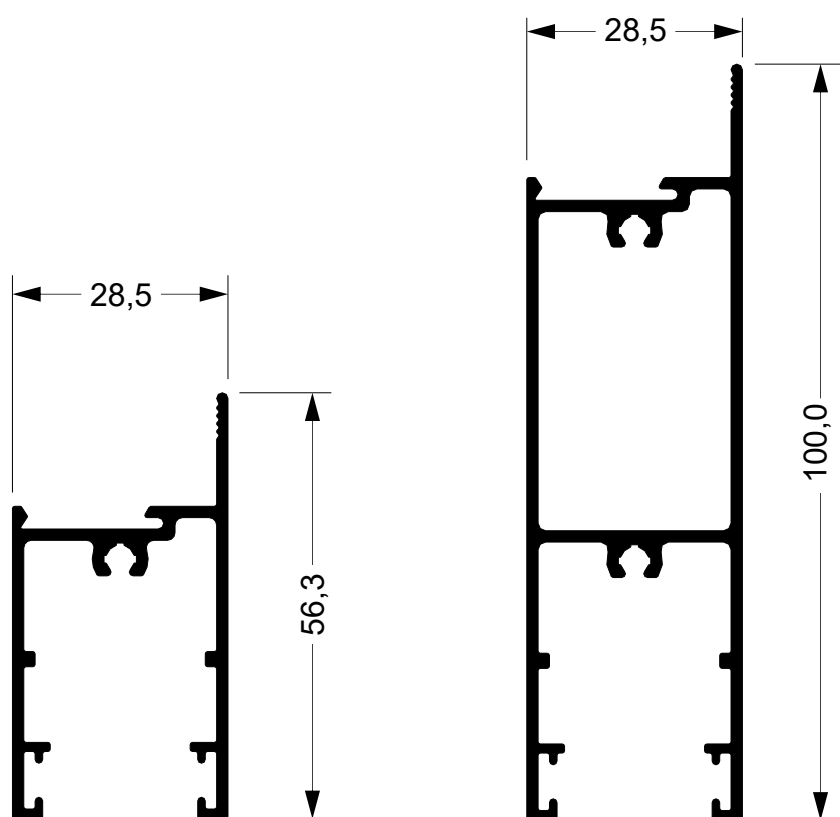
MG32-065
2,213 kg/m



MG32-066
2,070 kg/m



MG32-085
1,979 kg/m

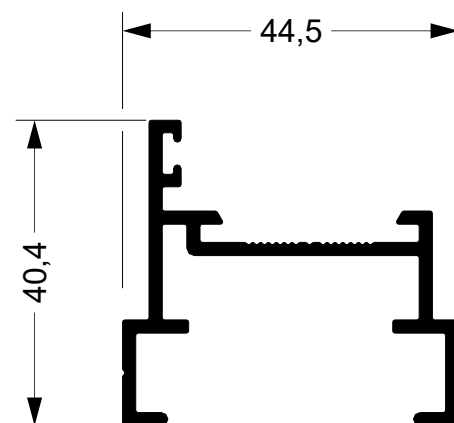


MG32-020

0,647 kg/m

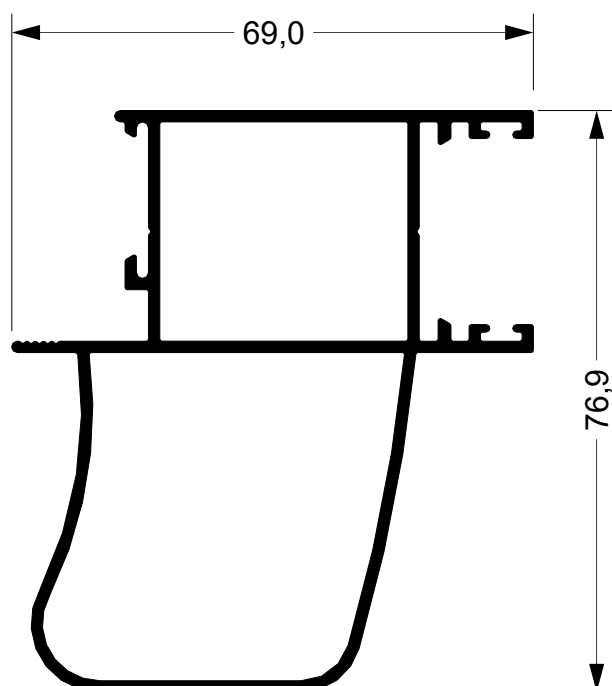
MG32-021

1,162 kg/m



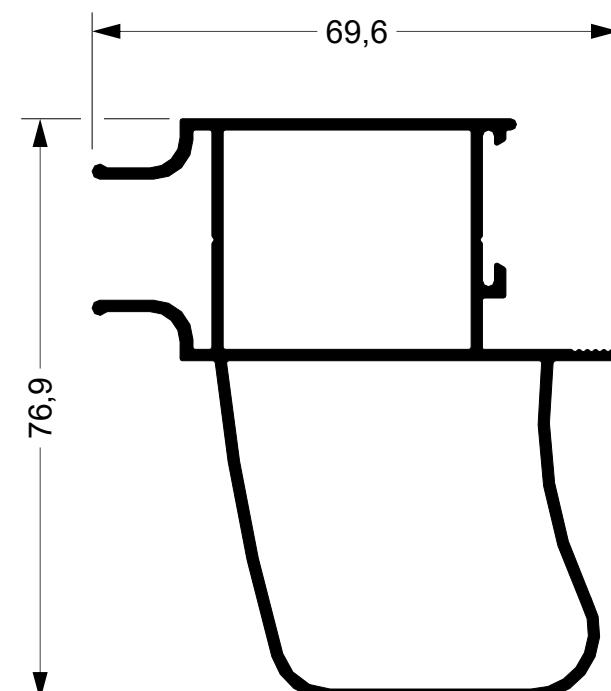
MG32-010

0,658 kg/m



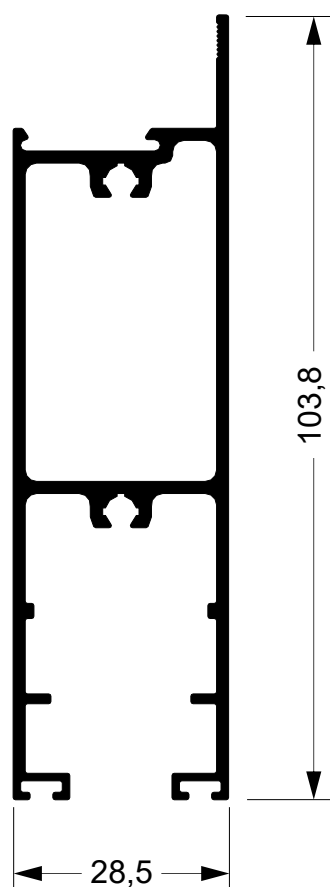
MG32-095

1,354 kg/m



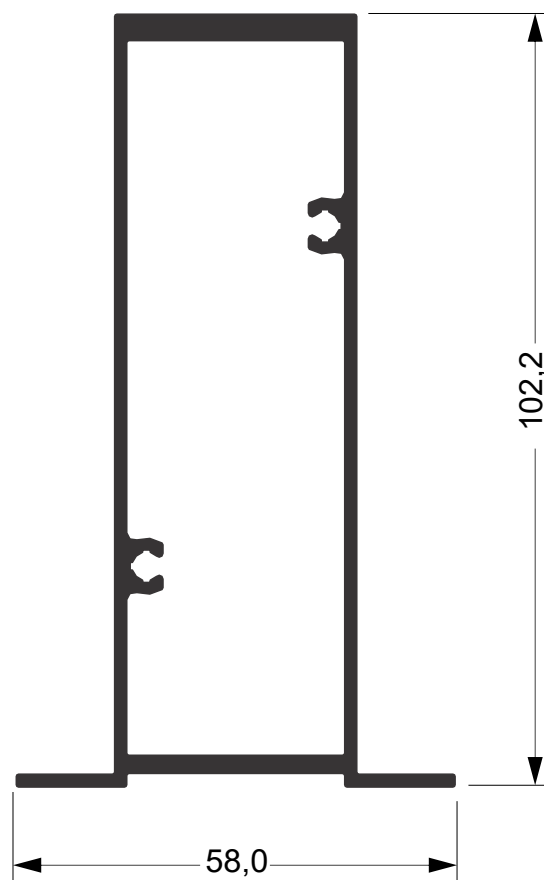
MG32-096

1,335 kg/m



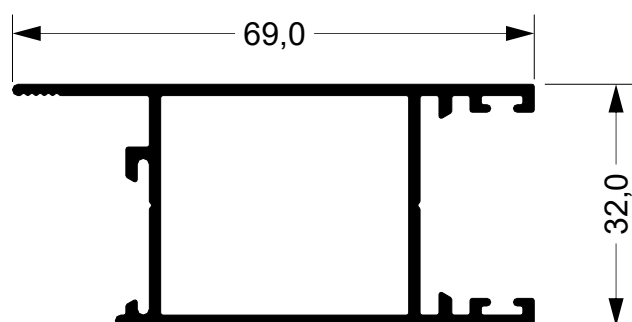
MG32-118

1,285 Kg/m



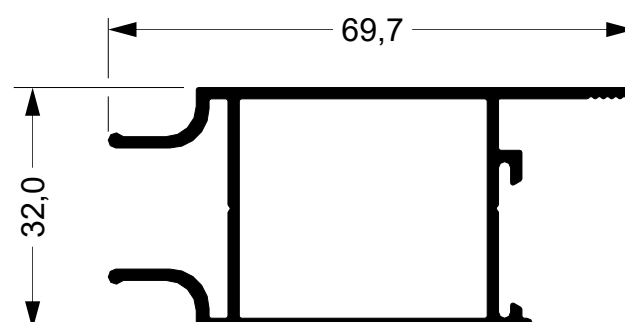
MG32-160

1,578 Kg/m



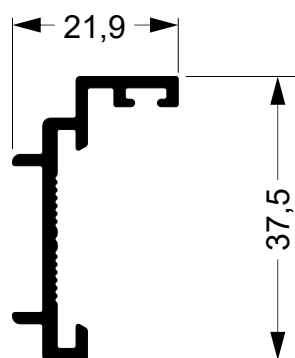
MG32-087

0,843 kg/m



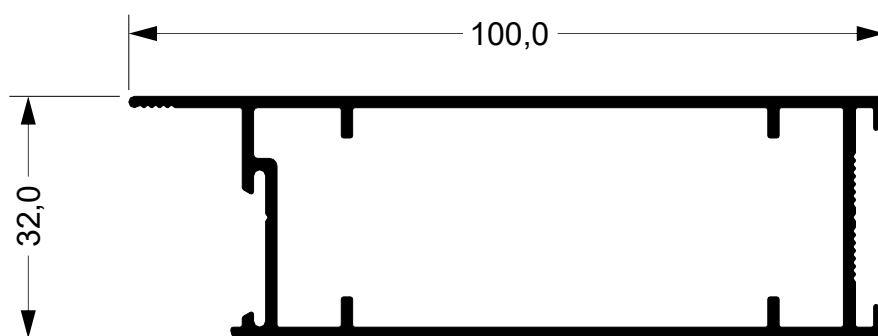
MG32-088

0,825 kg/m



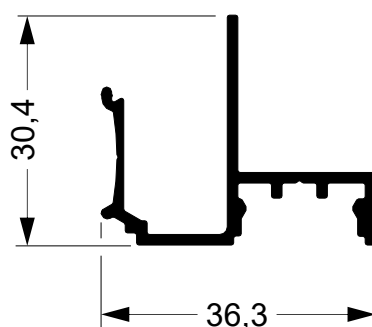
MG32-029

0,342 kg/m



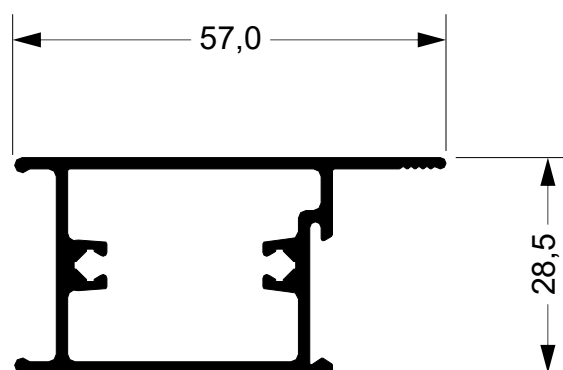
MG32-047

1,112 kg/m



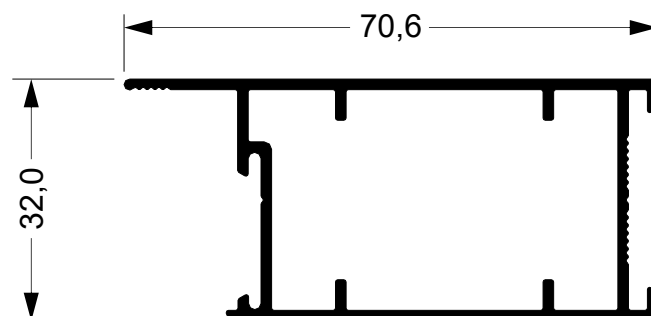
MG32-117

0,383 kg/m



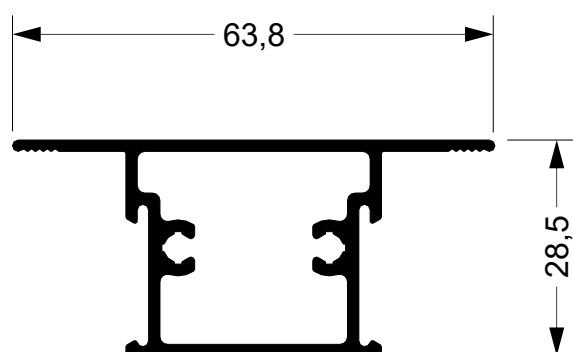
MG32-026

0,750 kg/m



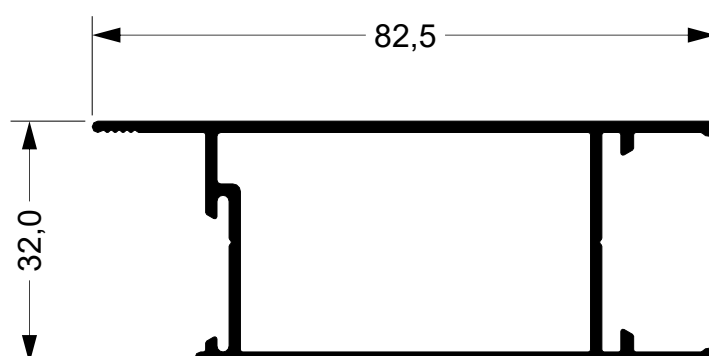
MG32-011 A

0,810 kg/m



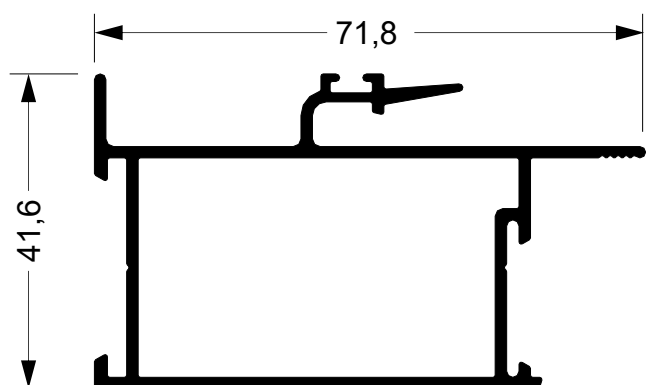
MG32-009

0,750 kg/m



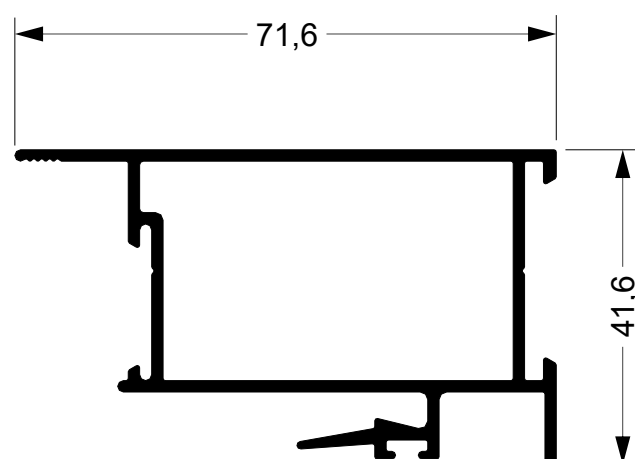
MG32-078

0,906 kg/m



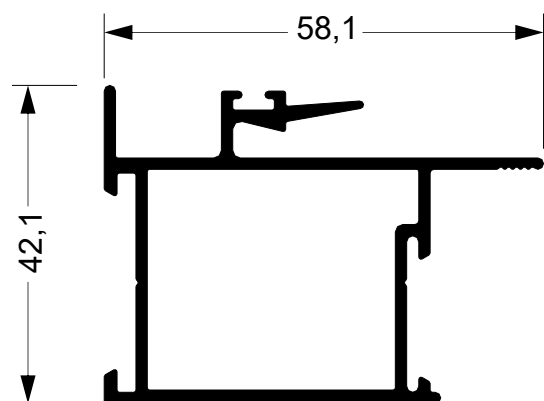
MG32-081

0,987 kg/m



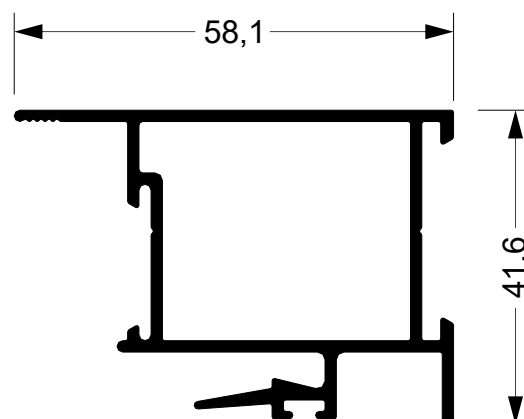
MG32-076

0,981 kg/m



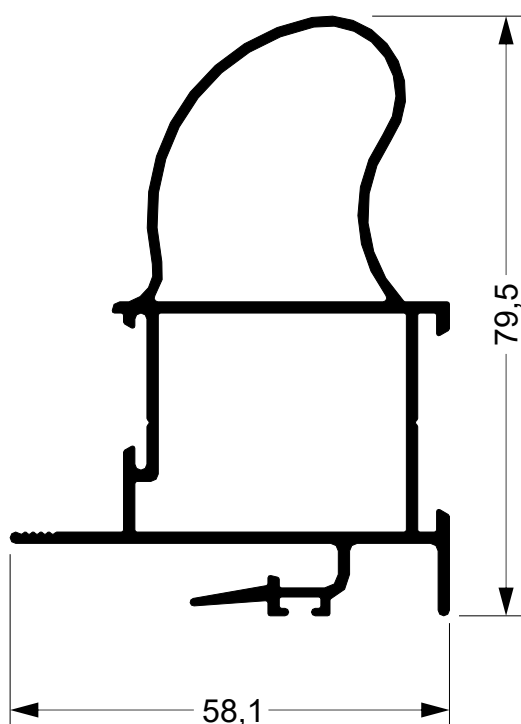
MG32-005

0,916 kg/m



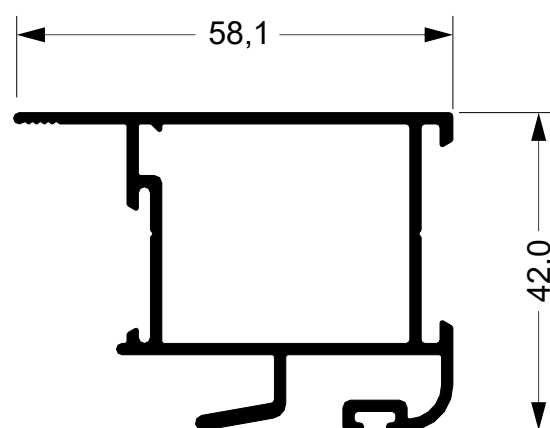
MG32-006

0,879 kg/m



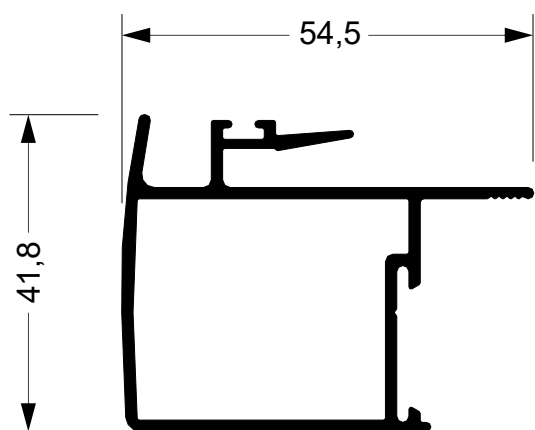
MG32-075

1,212 kg/m



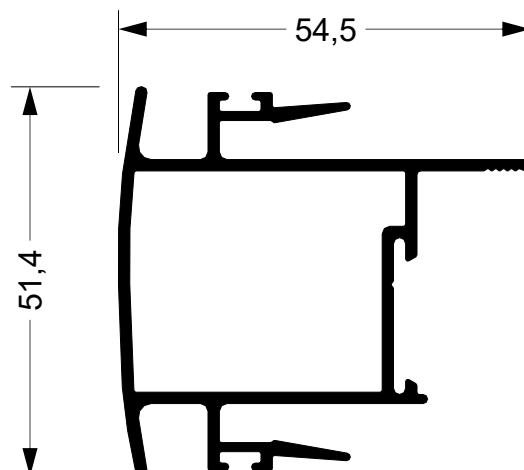
MG32-077

0,907 kg/m



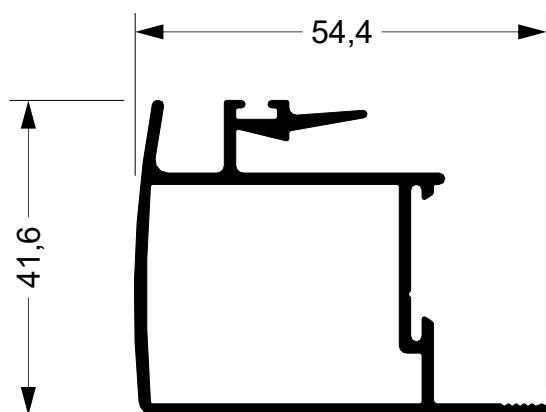
MG32-090

0,806 kg/m



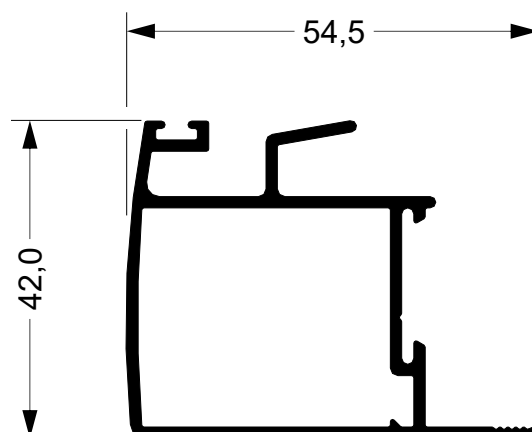
MG32-178

0,968 kg/m



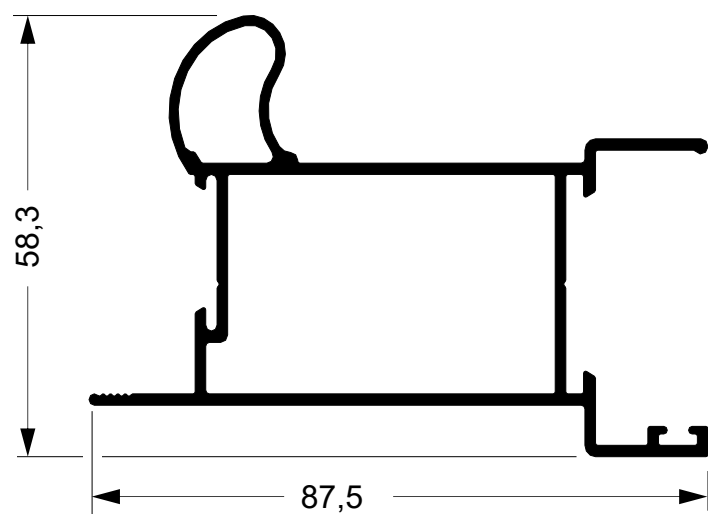
MG32-091

0,825 kg/m



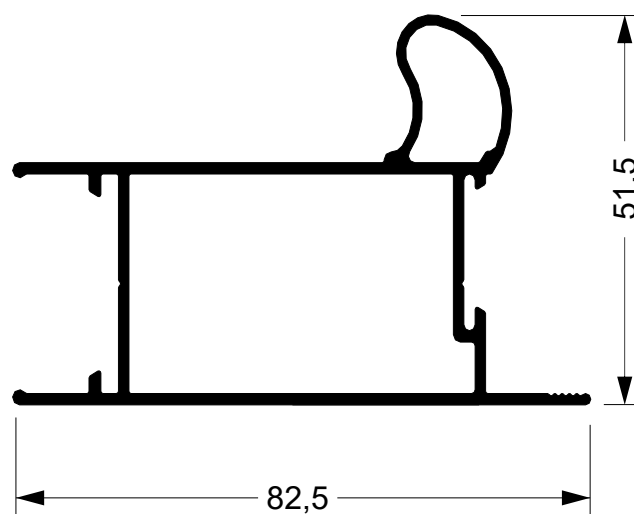
MG32-112

0,815 kg/m



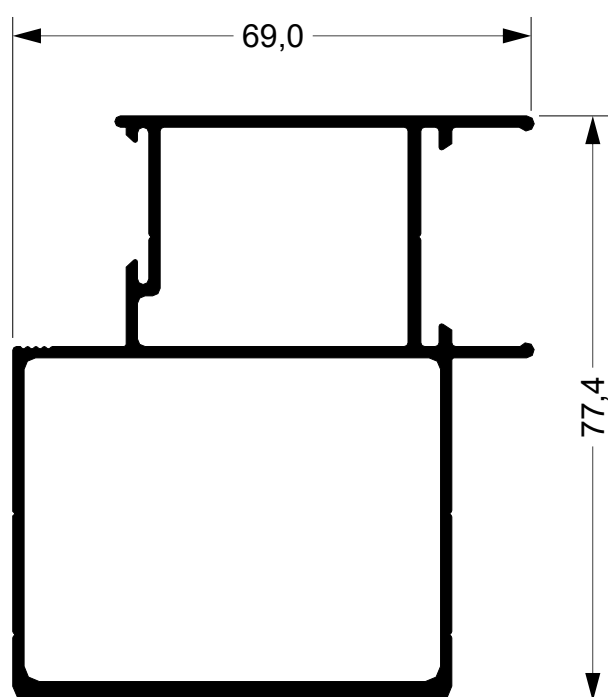
MG32-073

1,190 kg/m



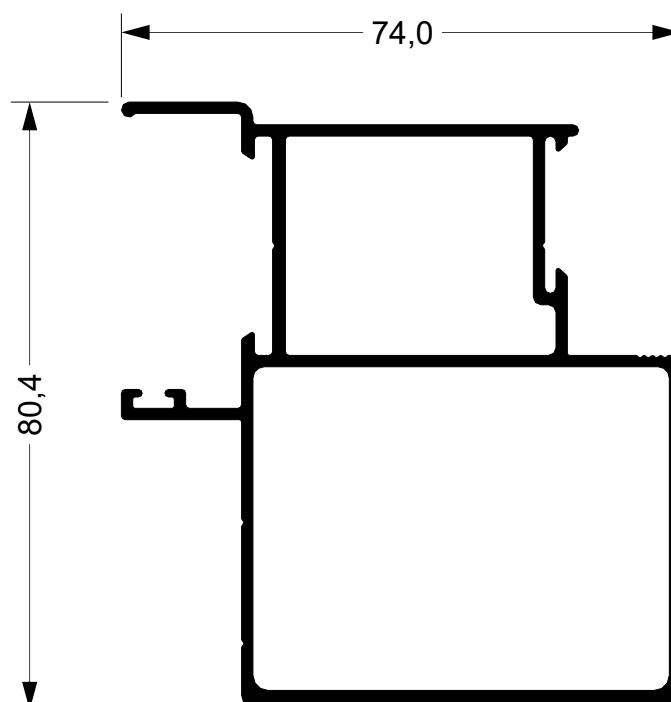
MG32-074

1,087 kg/m



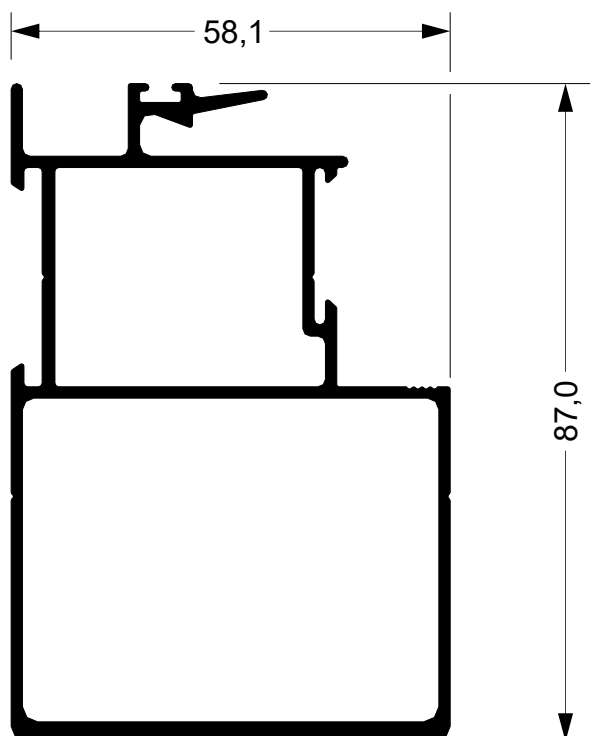
MG32-056

1,574 kg/m



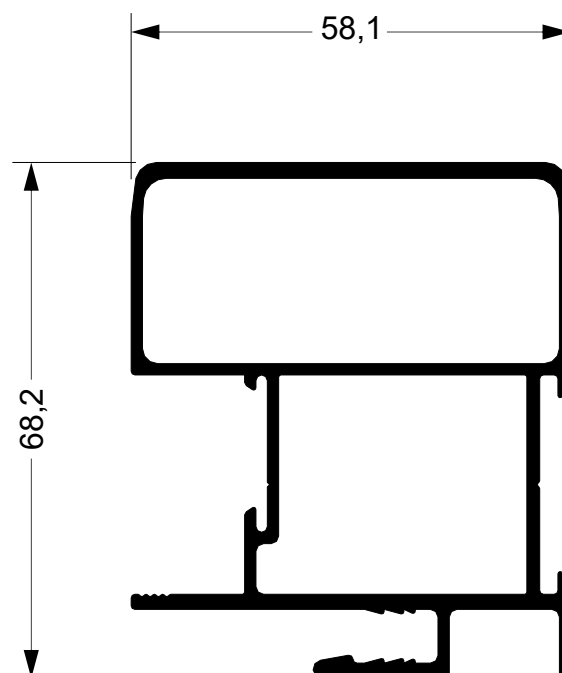
MG32-053

1,649 kg/m



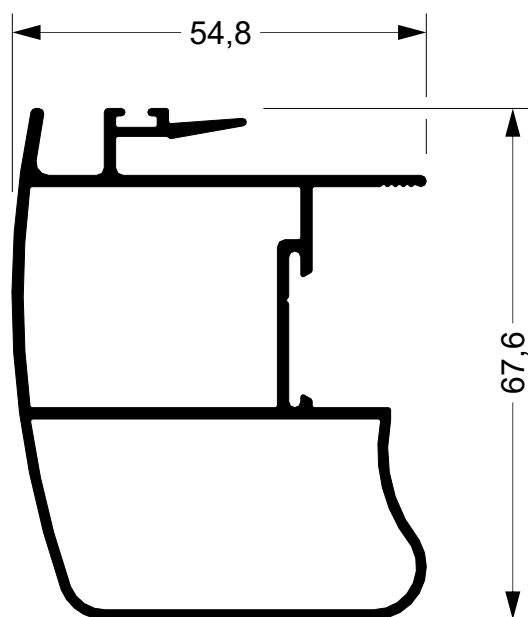
MG32-054

1,666 kg/m



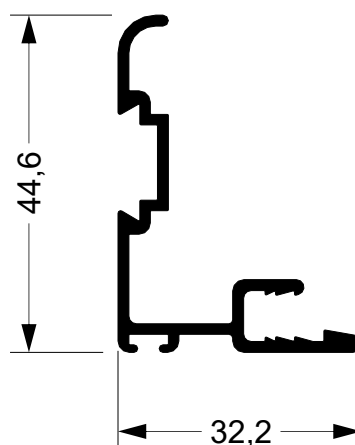
MG32-055

1,570 kg/m



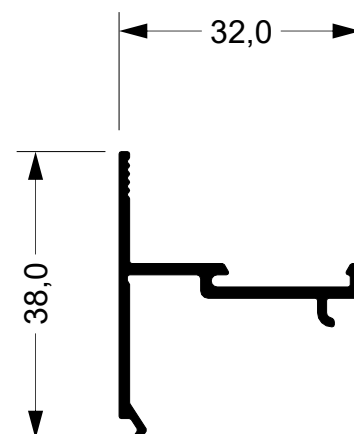
MG32-092

1,185 kg/m



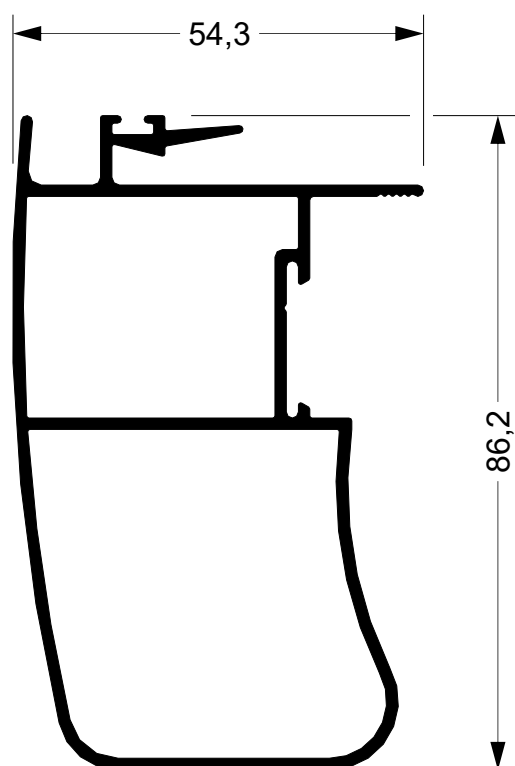
MG32-079

0,456 kg/m



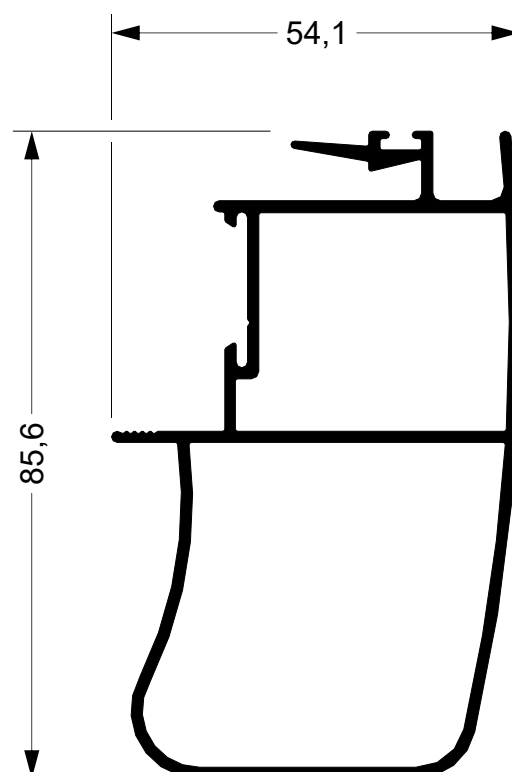
MG32-175

0,315 kg/m



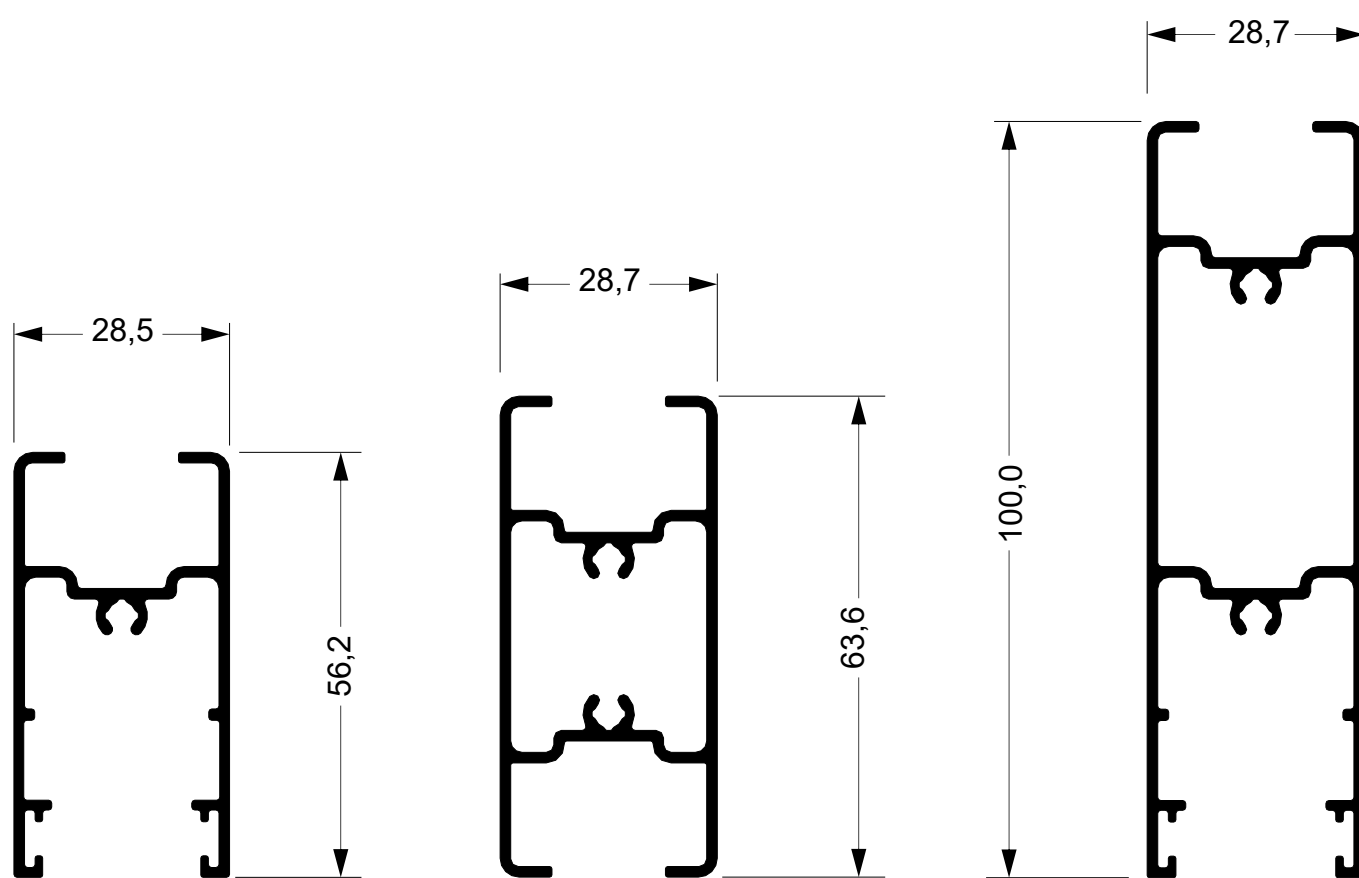
MG32-093

1,366 kg/m



MG32-094

1,348 kg/m



MG32-103

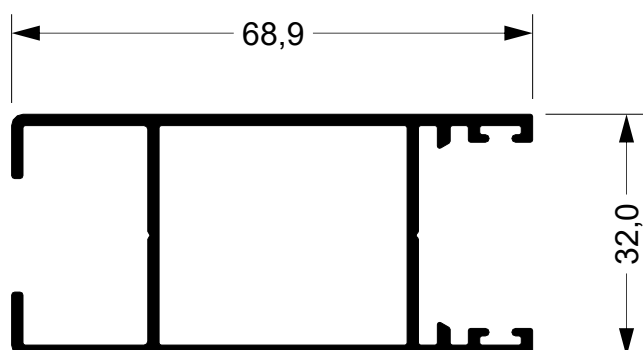
0,682 kg/m

MG32-104

0,868 kg/m

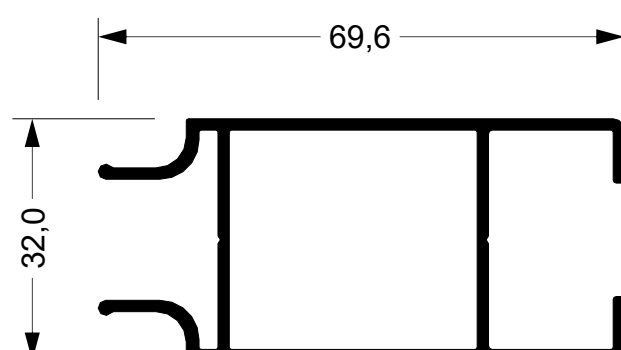
MG32-105

1,180 kg/m



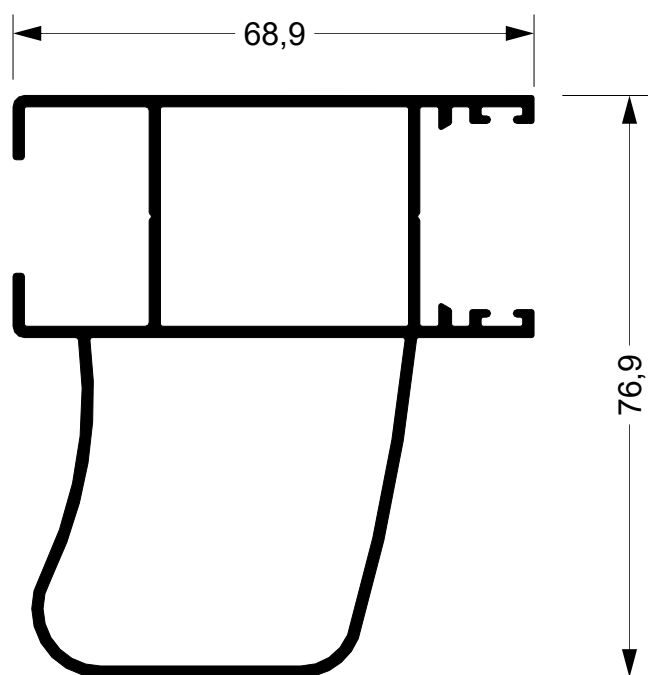
MG32-097

0,922 kg/m



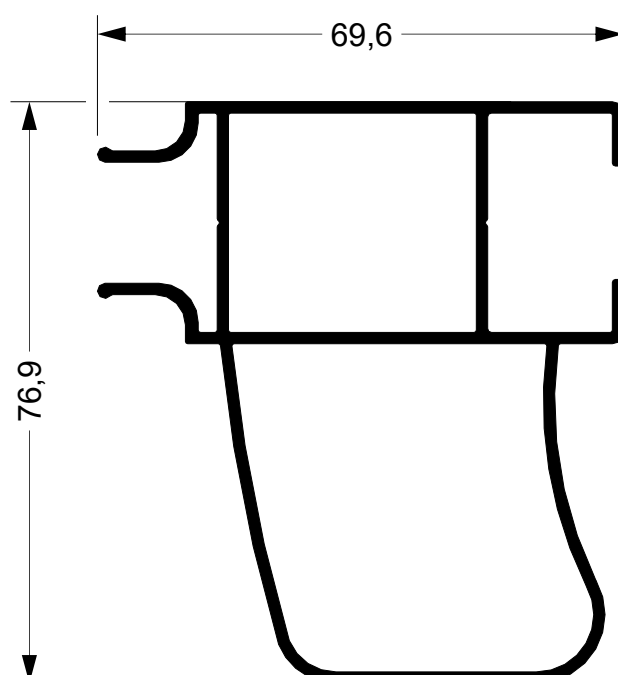
MG32-098

0,904 kg/m



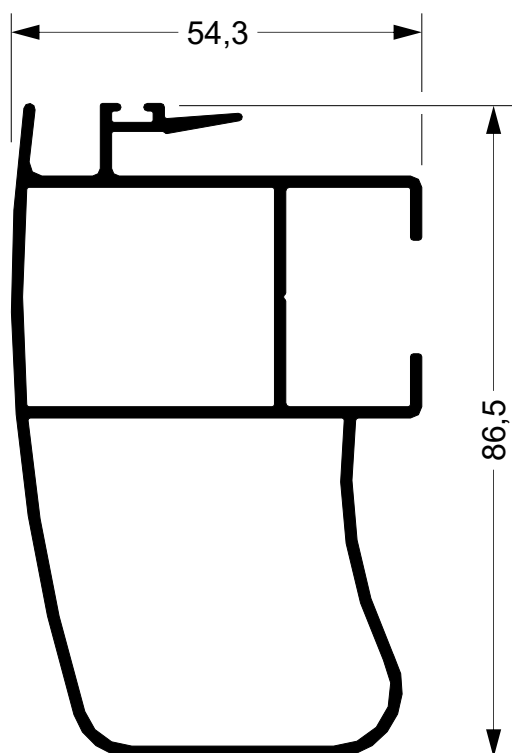
MG32-100

1,433 kg/m



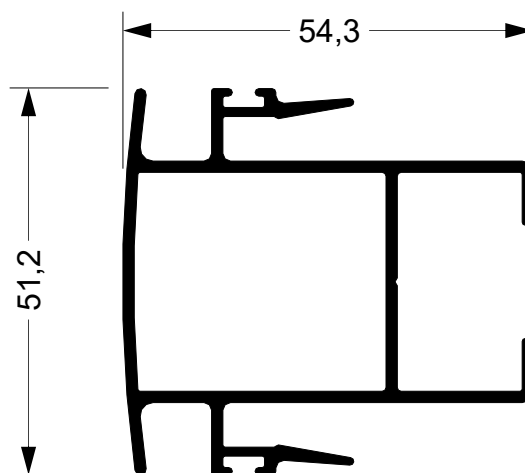
MG32-101

1,415 kg/m



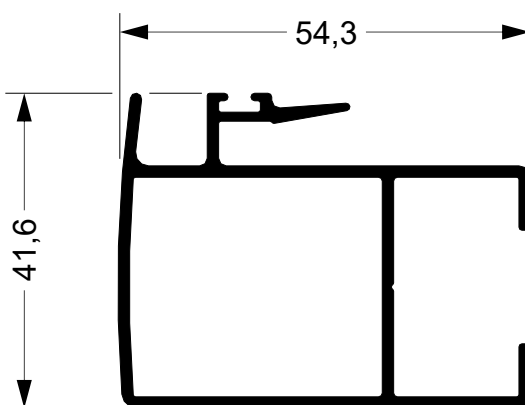
MG32-102

1,399 kg/m



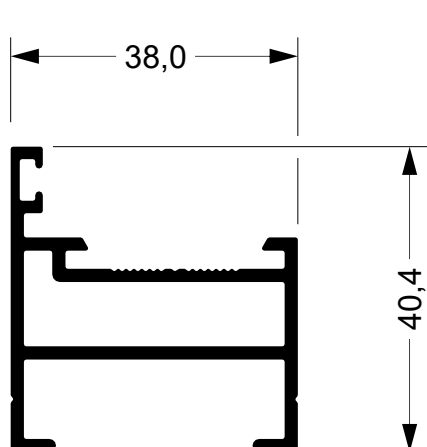
MG32-113

1,050 kg/m



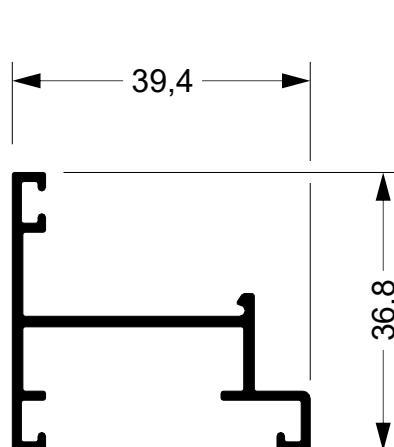
MG32-099

0,886 kg/m



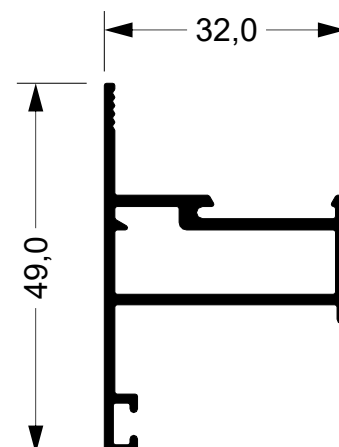
MG32-116

0,750 kg/m



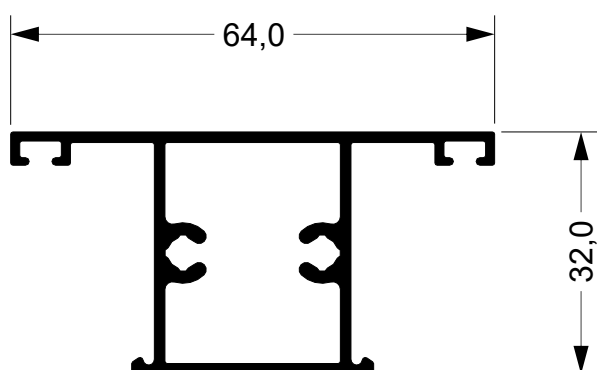
MG32-174

0,417 kg/m



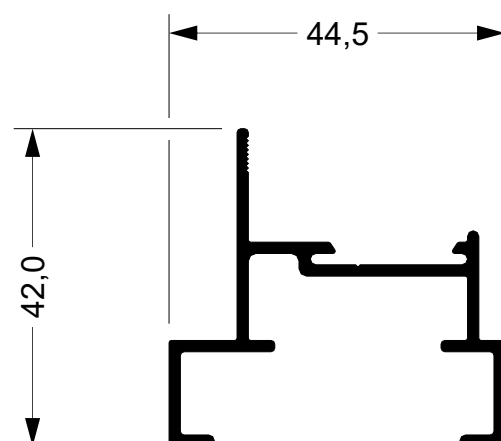
MG32-157

0,533 kg/m



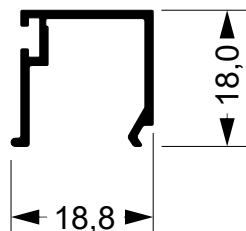
MG32-158

0,756 kg/m



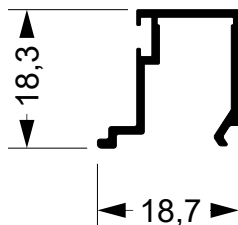
MG32-051

0,549 kg/m



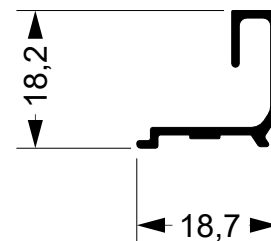
MG32-012

0,173 kg/m



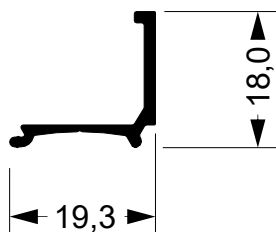
MG32-025

0,156 kg/m



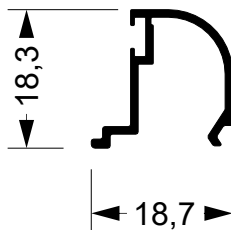
MG32-114

0,143 kg/m



MG32-115

0,135 kg/m



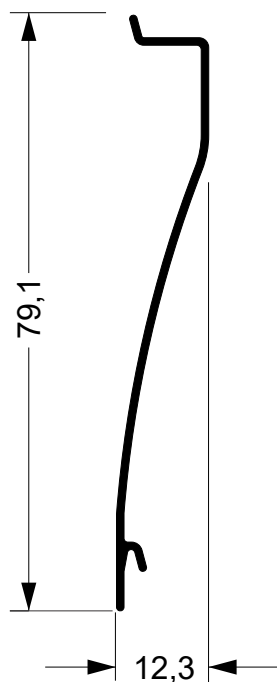
MG32-057

0,147 kg/m

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

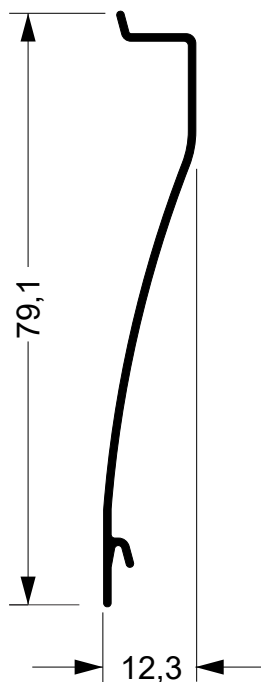
PALHETAS CAIXAS DE PERSIANA

[illegible]



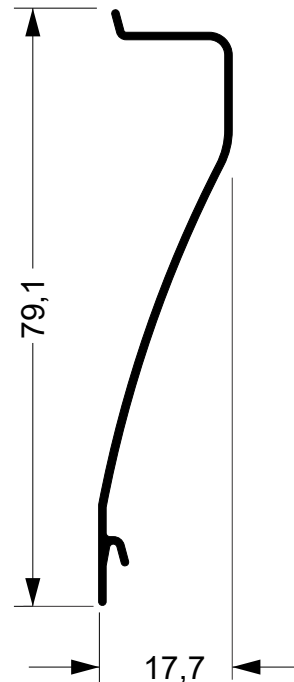
VA-012

0,255 kg/m



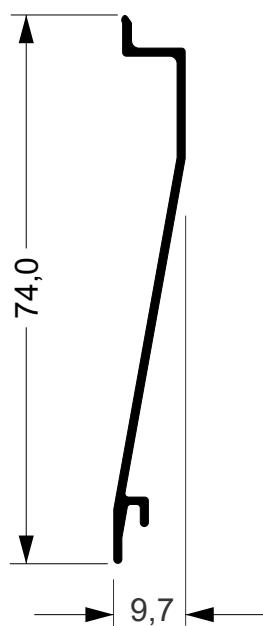
VA-012F

0,253 kg/m



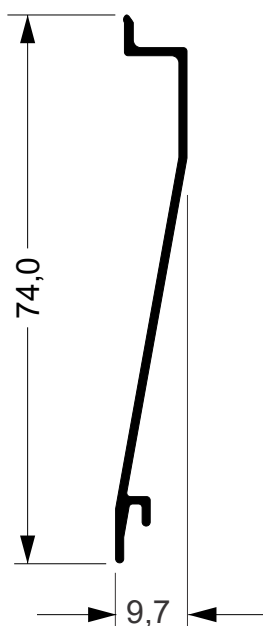
VA-017

0,274 kg/m



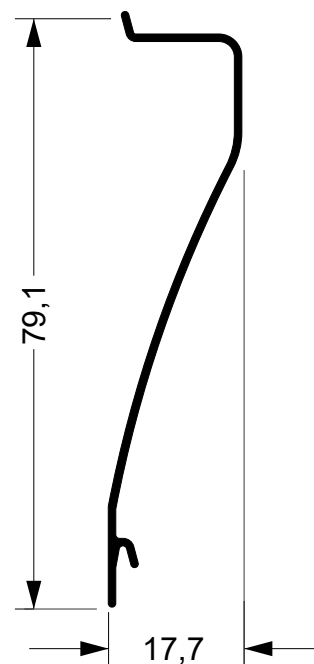
VA-024

0,271 kg/m



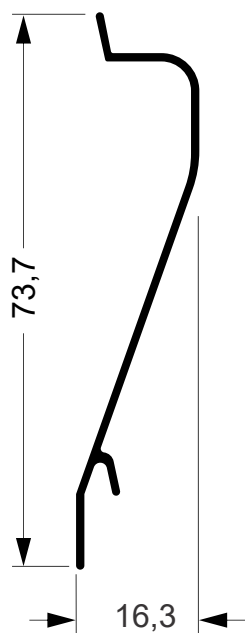
VA-024F

0,271 kg/m

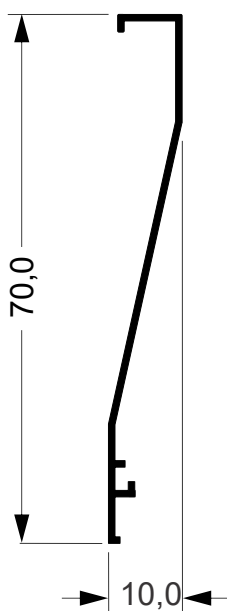


VA-017F

0,274 kg/m

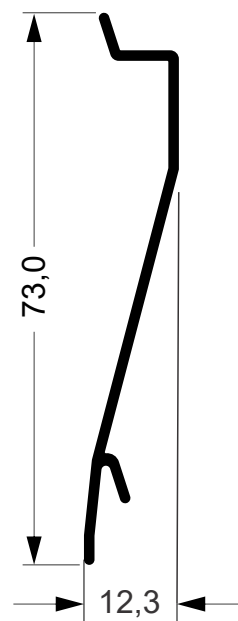
**39-463**

0,266 Kg/m

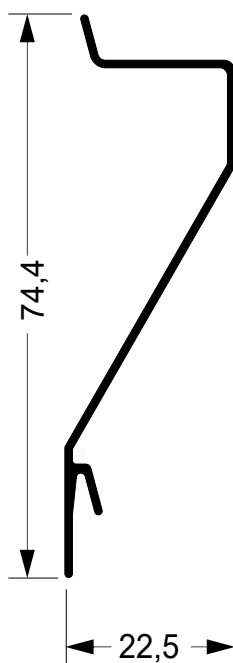
**Z-163**

0,255 Kg/m

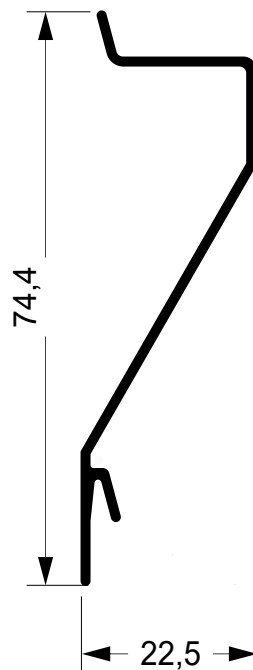
(VZ-004)

**Z-284**

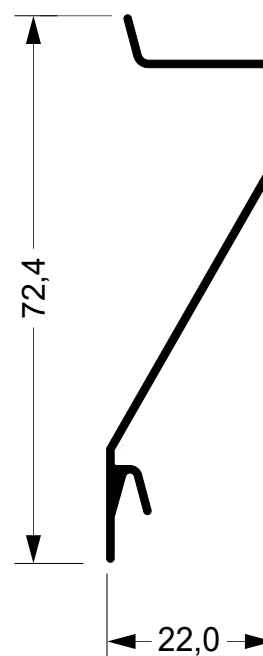
0,265 Kg/m

**19-920C**

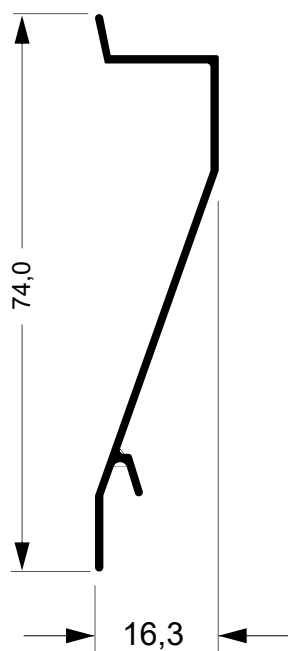
0,291 kg/m

**VA-203**

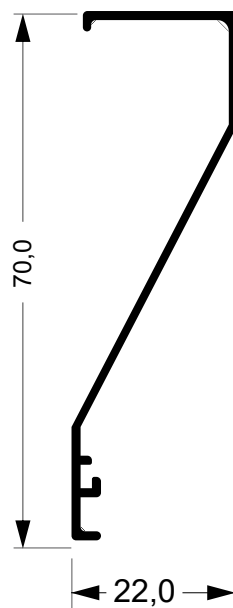
0,329 kg/m

**VA-203A**

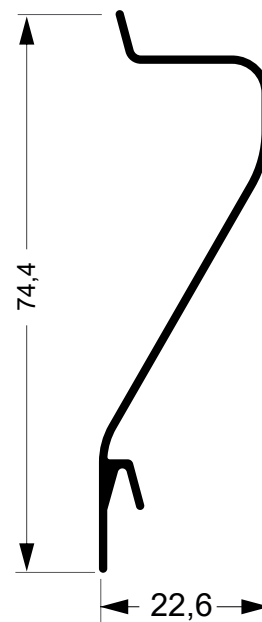
0,292 kg/m

**VZ-023**

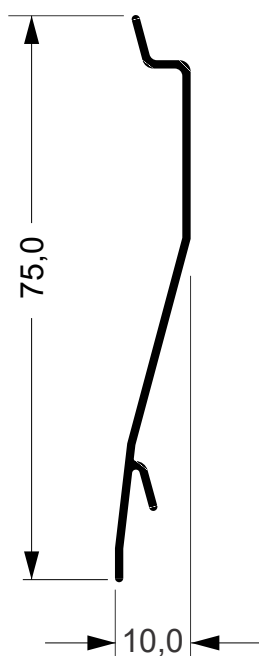
0,293 Kg/m

**Z-148**

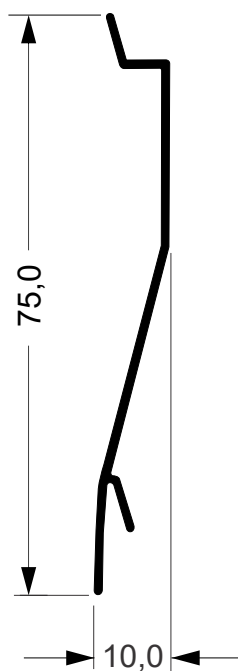
0,338 Kg/m

**39-528**

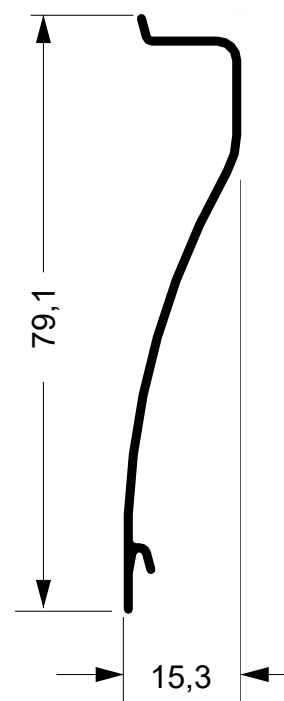
0,323 Kg/m

**VA-201**

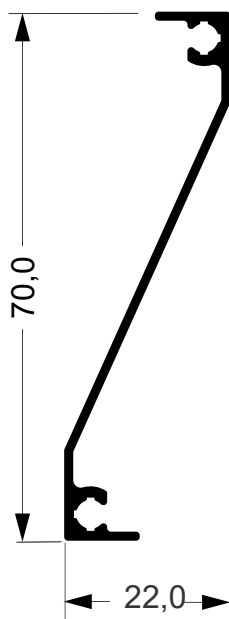
0,263 kg/m

**VA-201F**

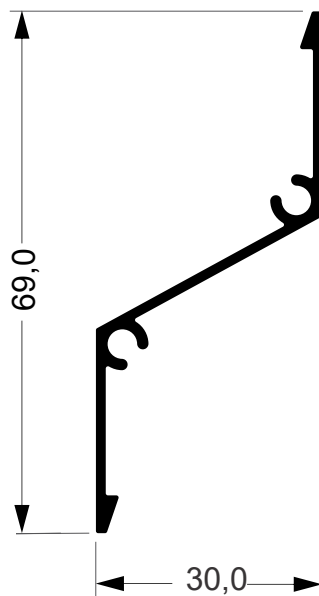
0,263 kg/m

**VA-015**

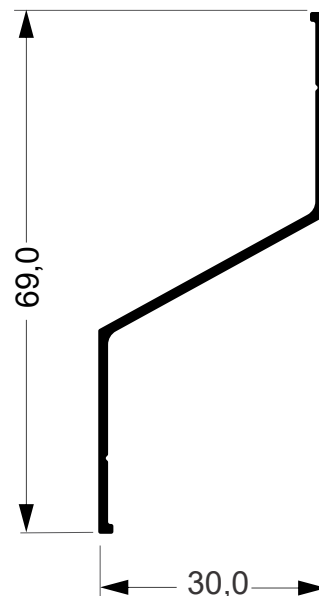
0,265 kg/m

**Z-194**

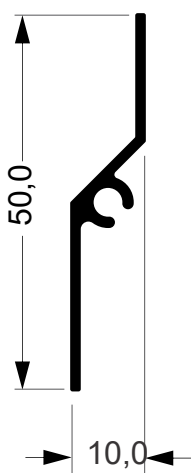
0,368 Kg/m

**VZ-060**

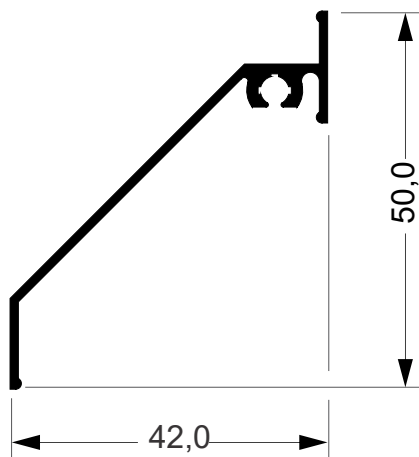
0,397 Kg/m

**29-202**

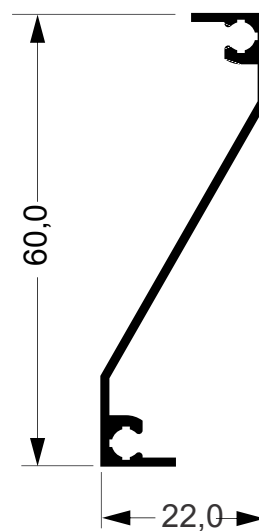
0,309 Kg/m

**19-552**

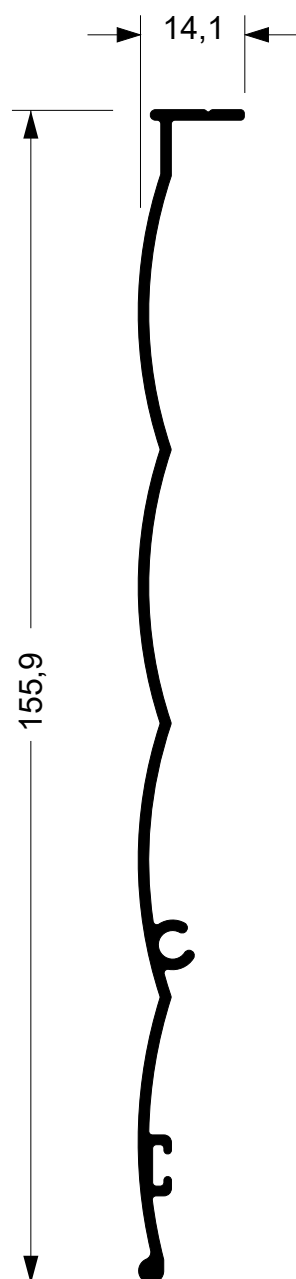
0,252 Kg/m

**Z-248**

0,295 Kg/m

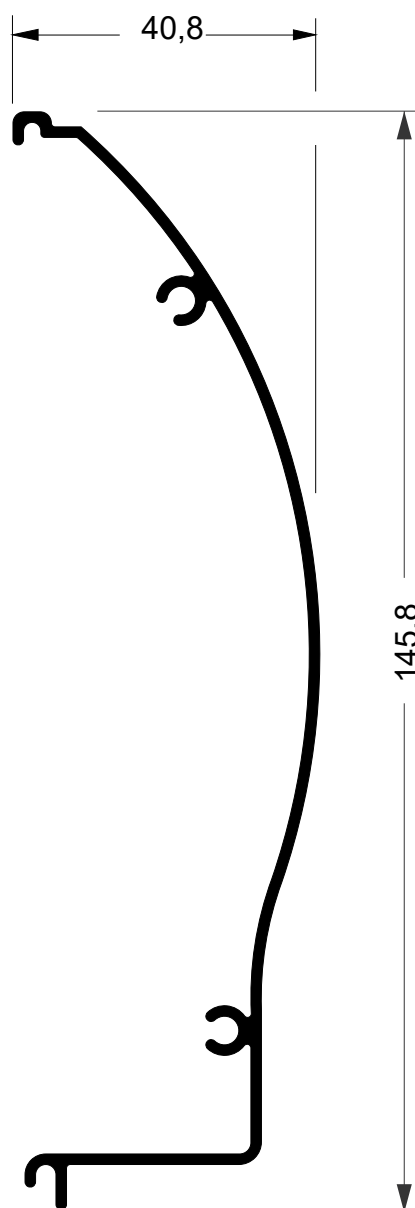
**Z-073**

0,326 Kg/m



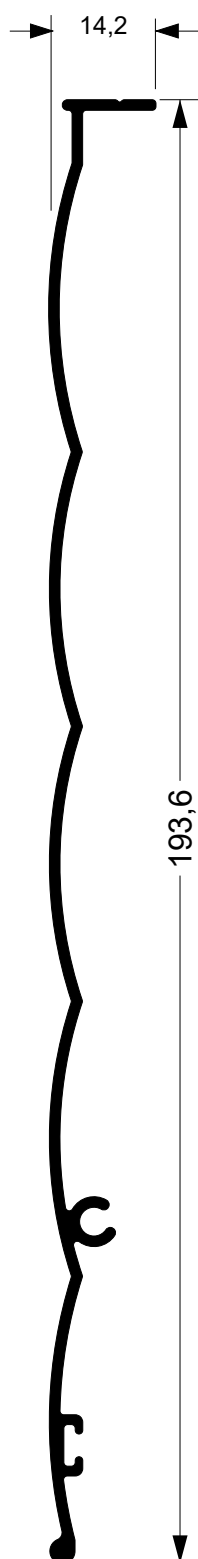
MG25-516

0,724 kg/m

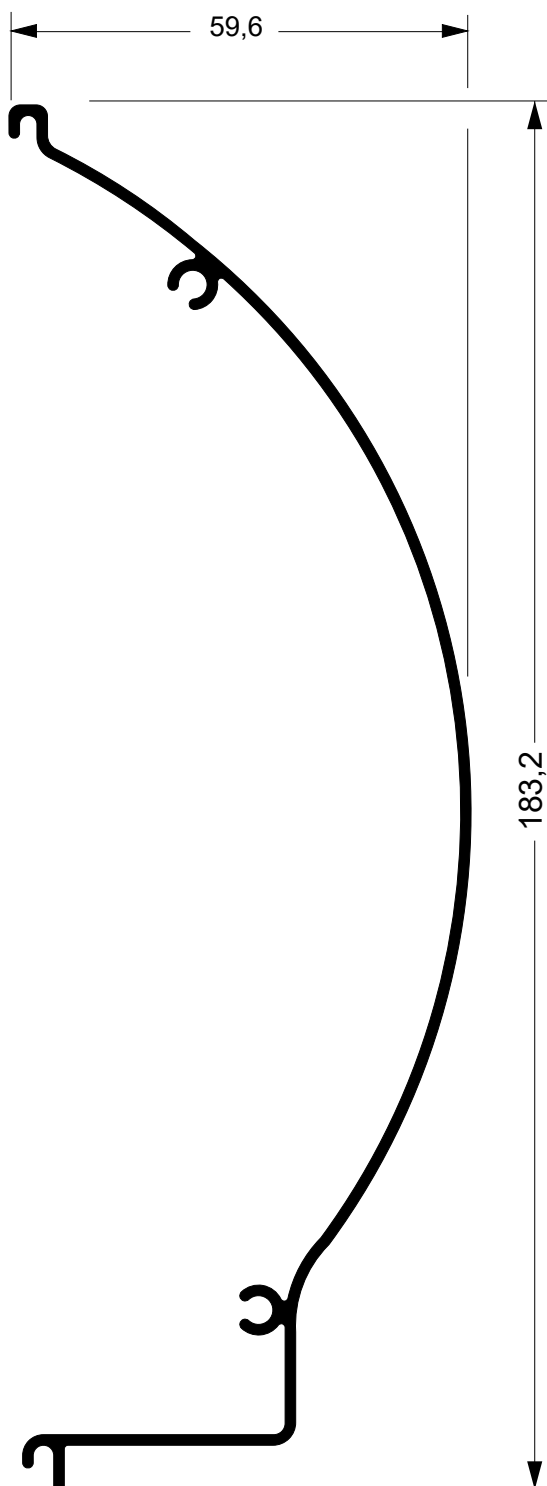


MG25-515

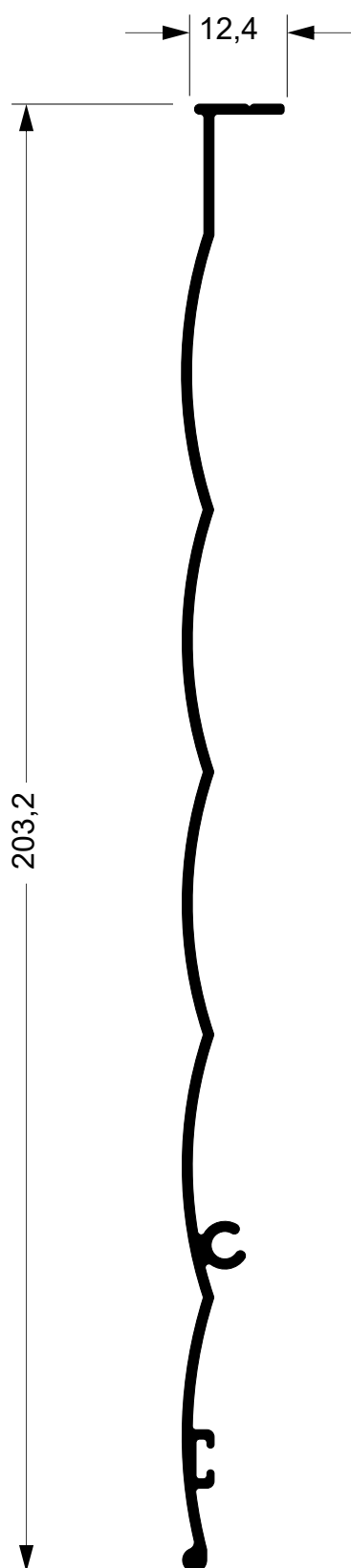
0,857kg/m

**MG25-518**

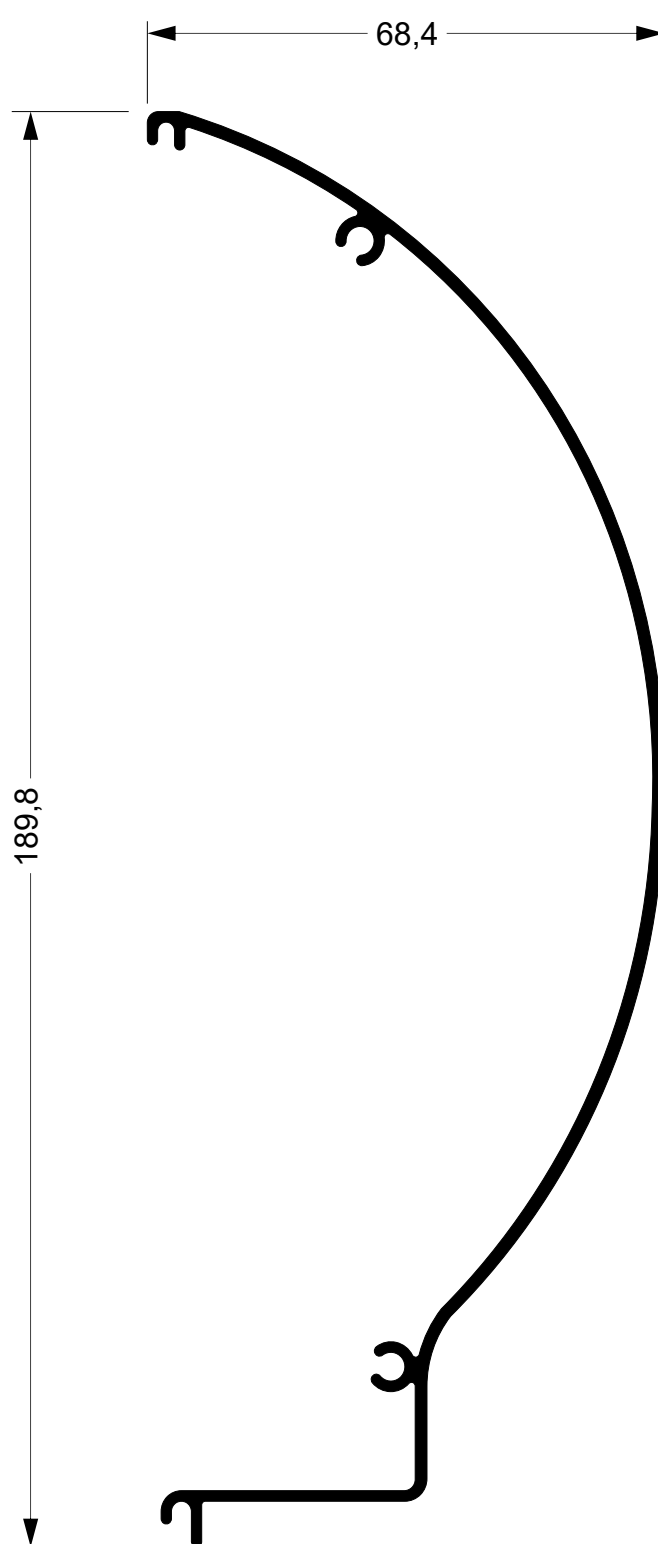
0,885 kg/m

**MG25-517**

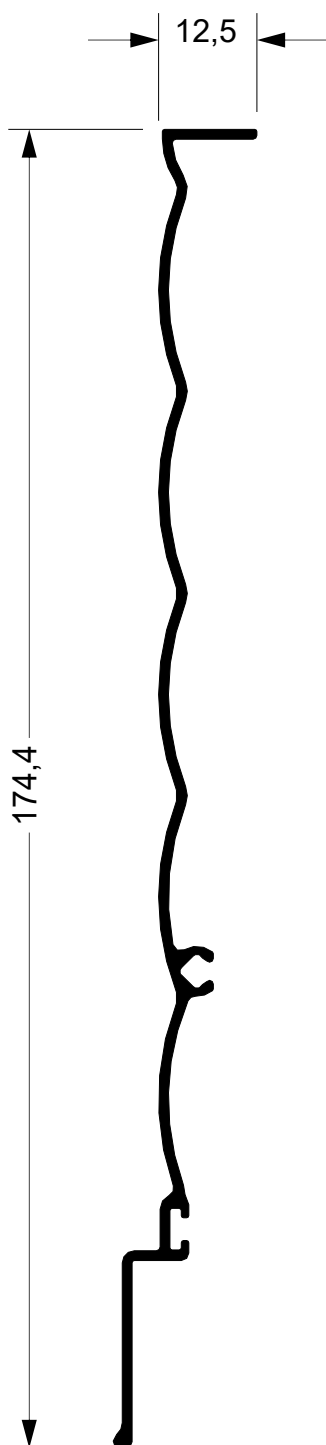
1,062 kg/m



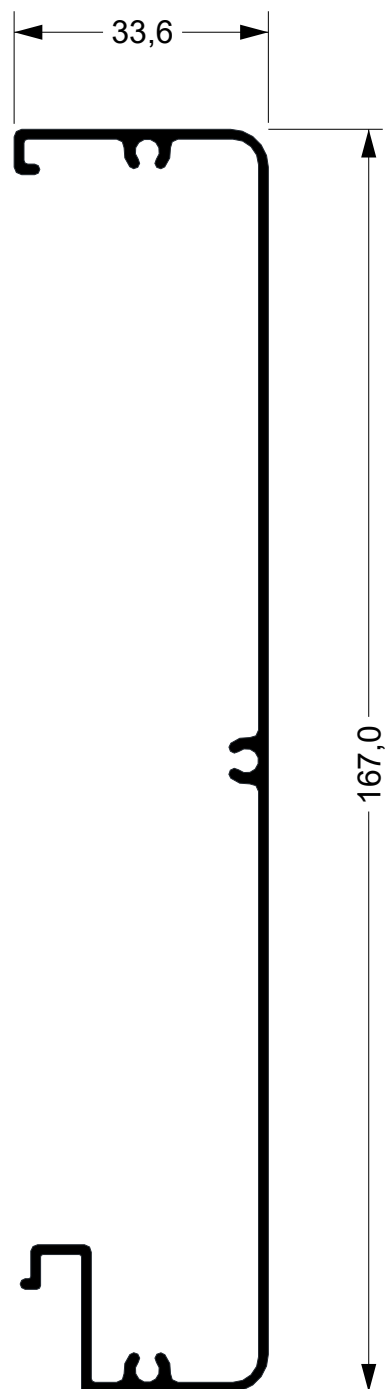
MG32-109
0,922 kg/m



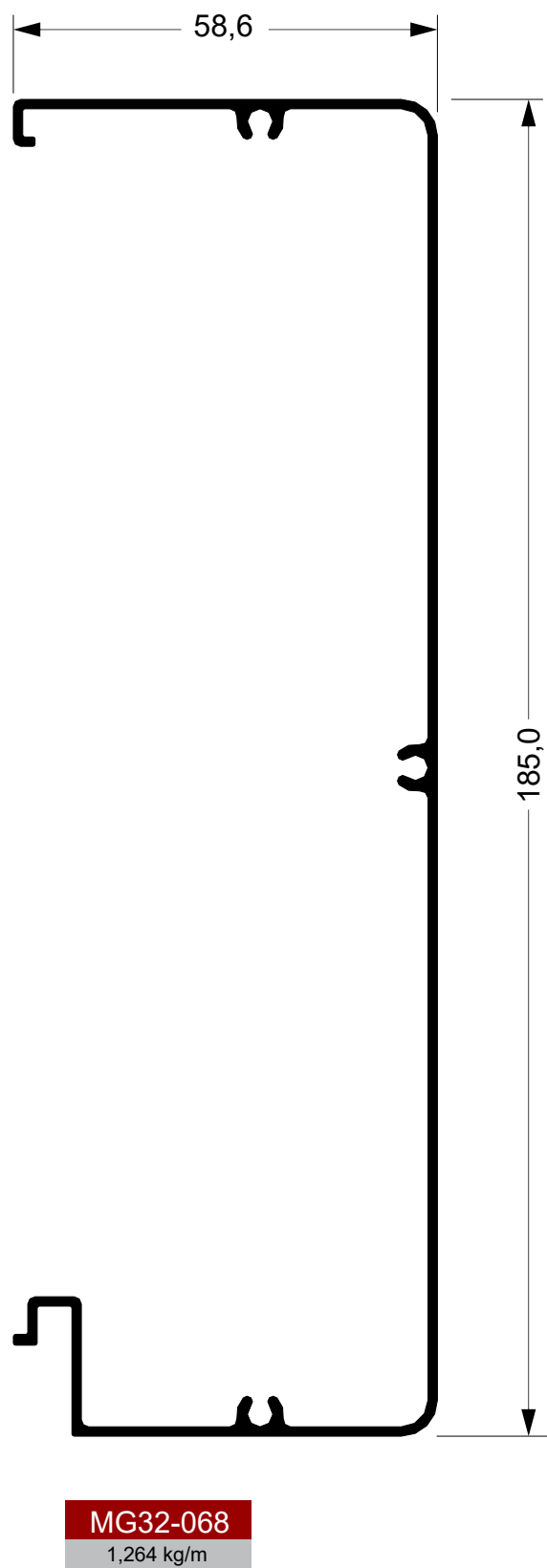
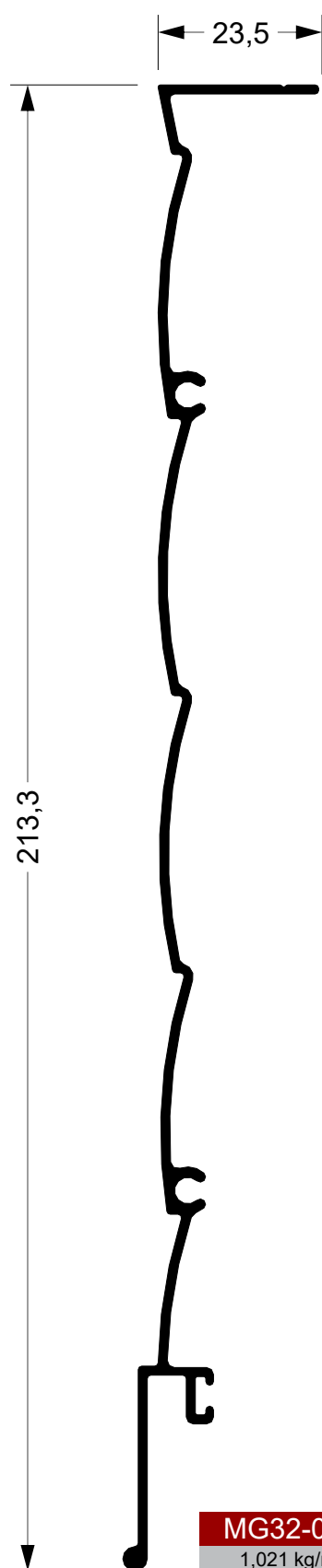
MG32-110
1,274 kg/m

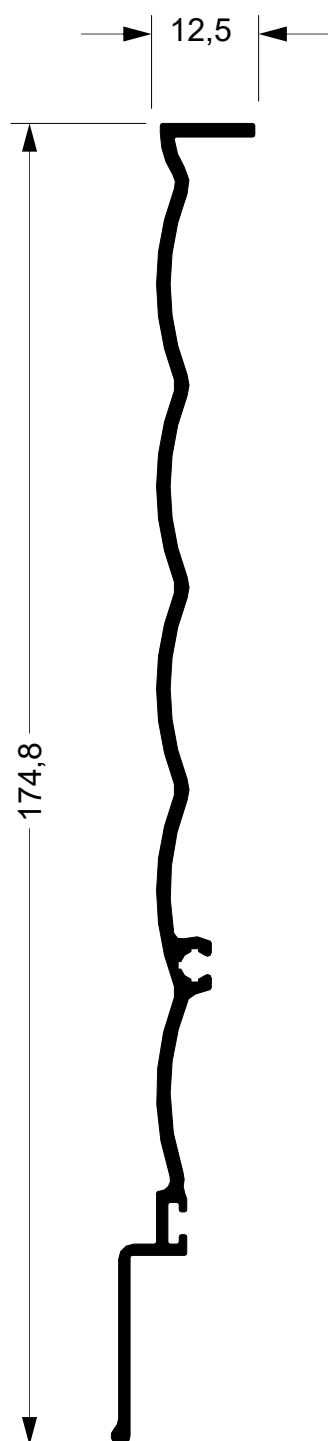


MG25-710
0,753 kg/m

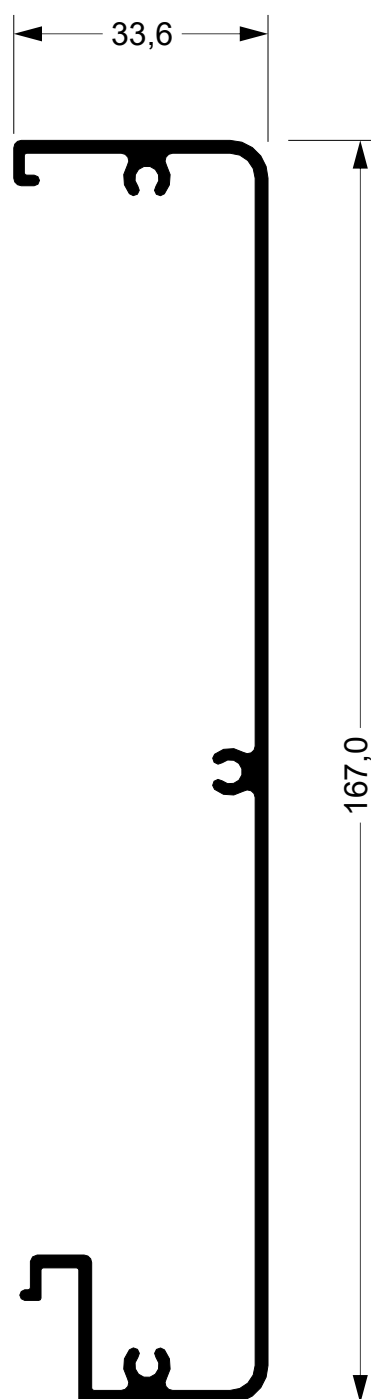


MG25-690
1,006 kg/m

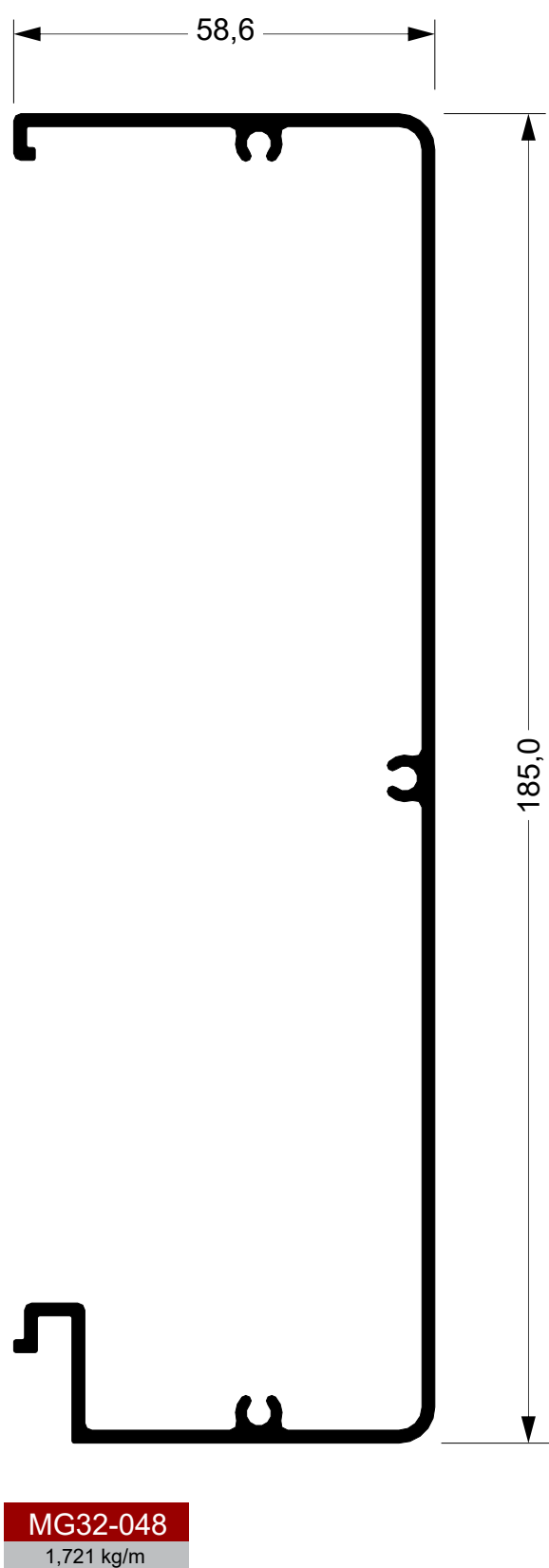
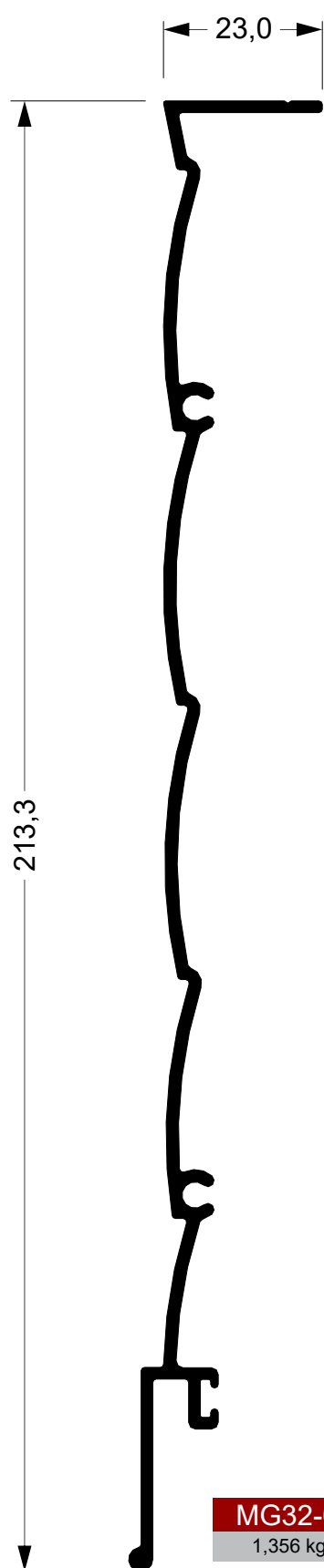


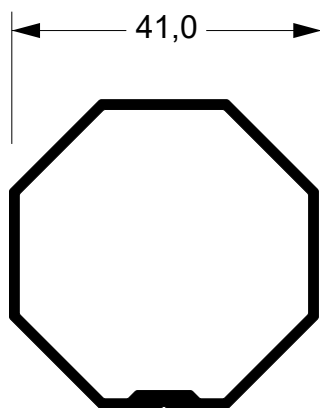


MG25-360
0,984 kg/m

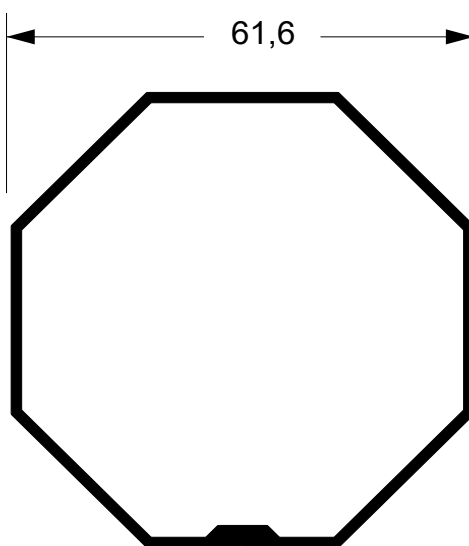


MG25-450
1,332 kg/m

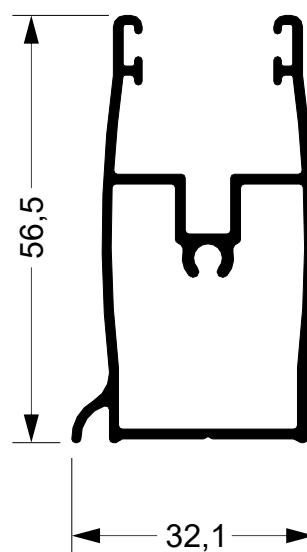


**MG32-063**

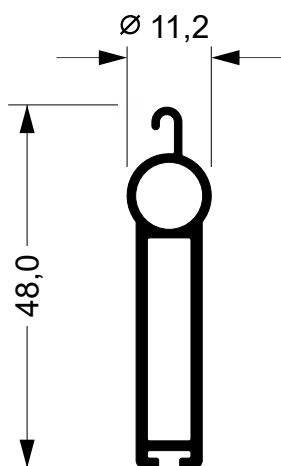
0,489 kg/m

**MG32-032**

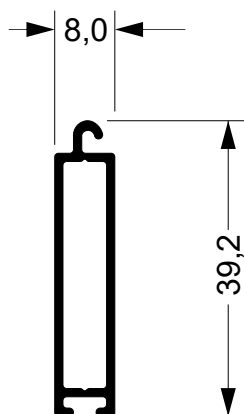
0,792 kg/m

**MG25-514**

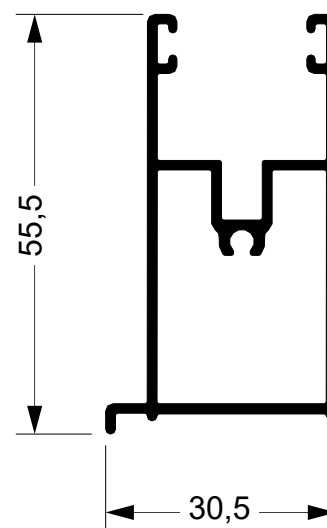
0,741 kg/m

**MG32-046**

0,430 kg/m

**MG32-062**

0,270 kg/m

**MG32-044**

0,719 kg/m

SISTEMAS CONVENCIONAIS

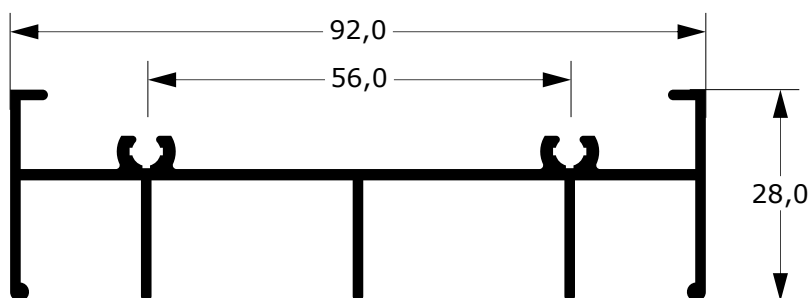
PRÁTICA (AP)

LINHA 25

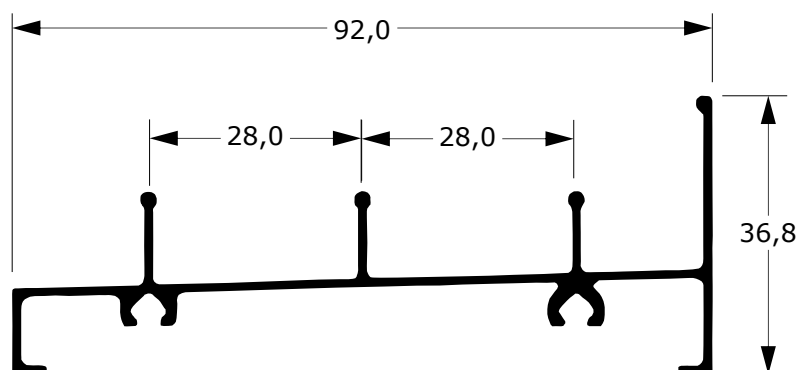
LINHA 30

LINHA 42

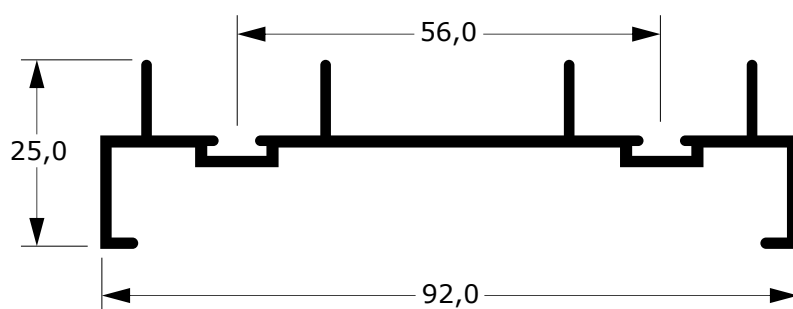
[illegible]

**AP-366**

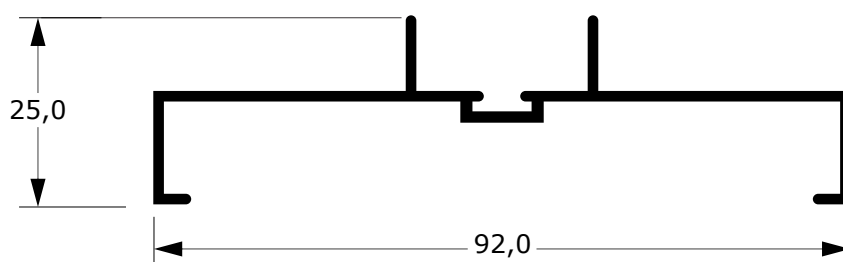
0,897 Kg/m

**AP-367**

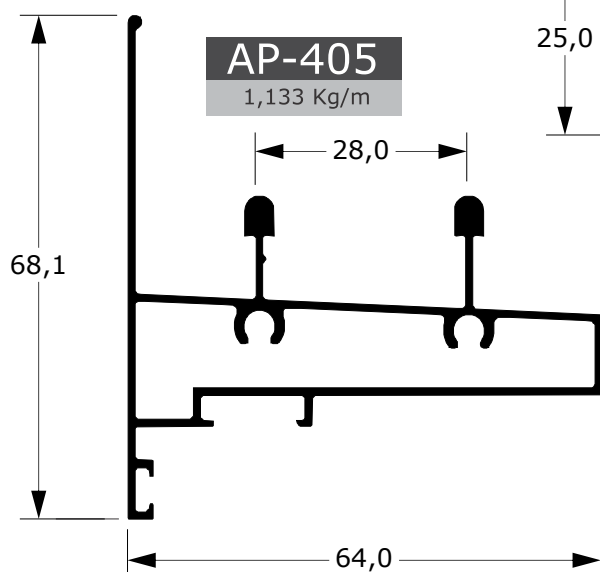
0,823 Kg/m

**AP-368**

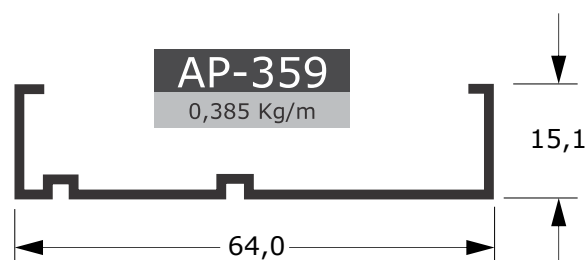
0,746 Kg/m

**AP-369**

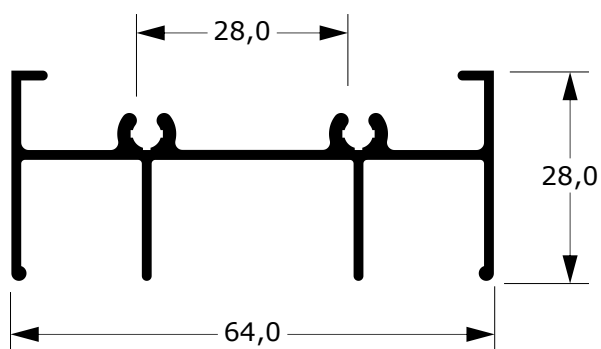
0,590 Kg/m

**AP-405**

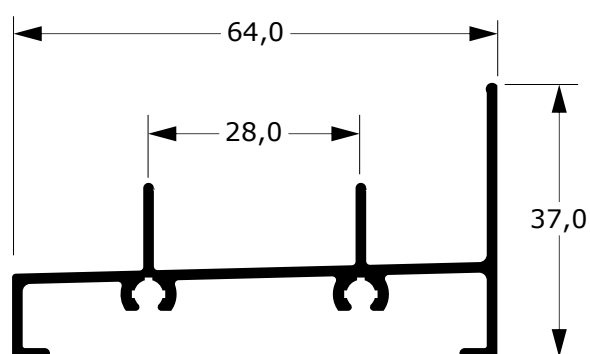
1,133 Kg/m

**AP-359**

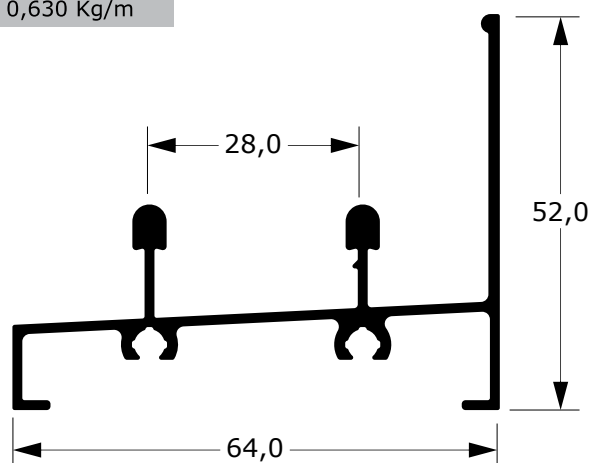
0,385 Kg/m

**AP-357**

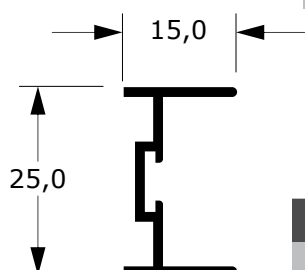
0,652 Kg/m

**AP-358**

0,630 Kg/m

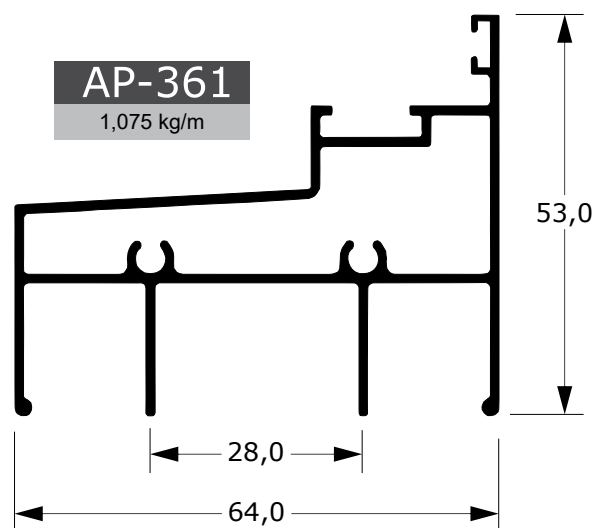
**AP-404**

0,795 Kg/m

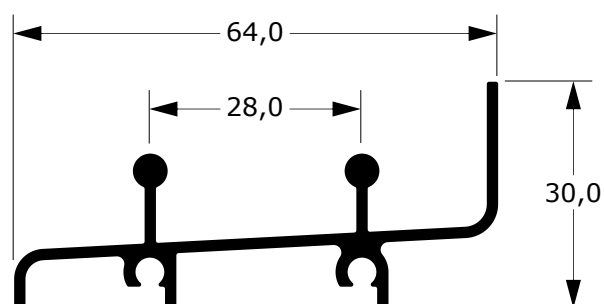
**AP-352**

0,208 Kg/m

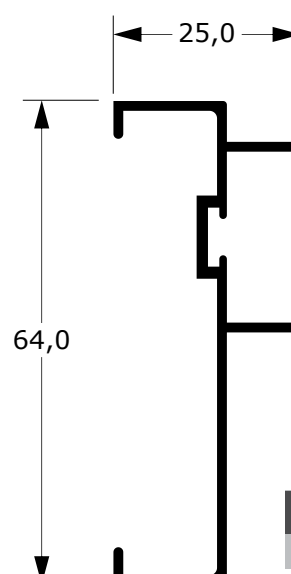
(39-123)

**AP-361**

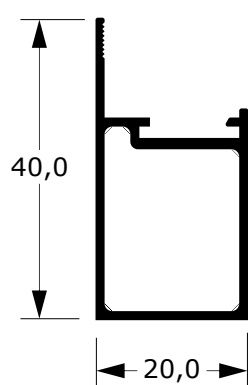
1,075 kg/m

**AP-370**

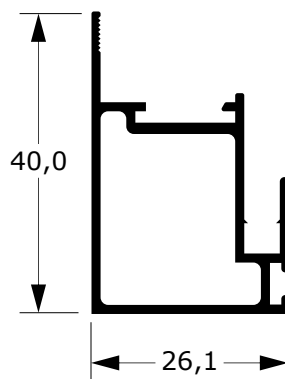
0,633 Kg/m

**AP-360**

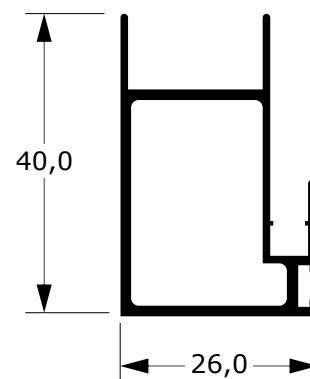
0,453 Kg/m

**AP-300**

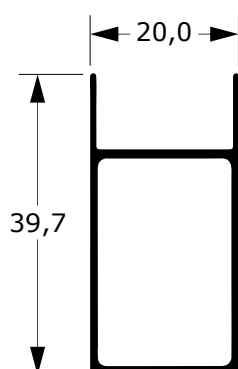
0,367 Kg/m

**AP-302**

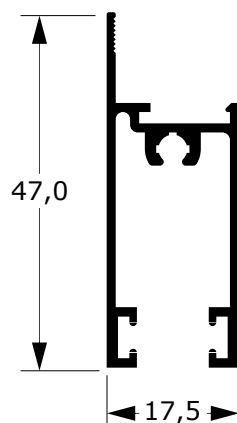
0,451 Kg/m

**AP-303**

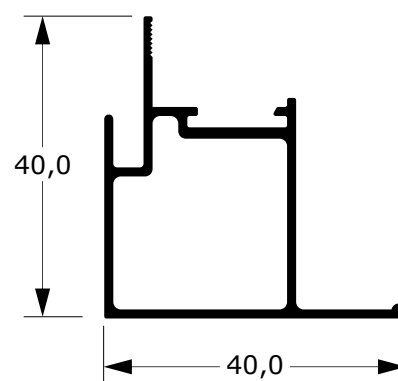
0,474 Kg/m

**AP-305**

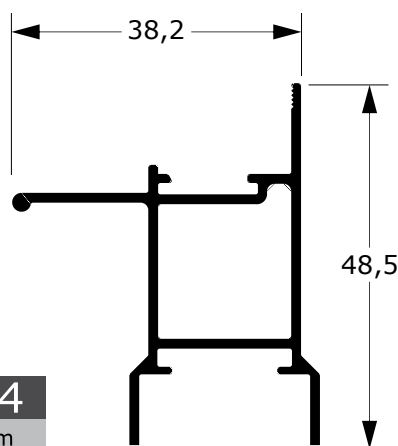
0,371 Kg

**AP-309**

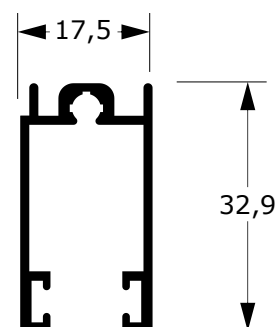
0,438 Kg/m

**AP-321**

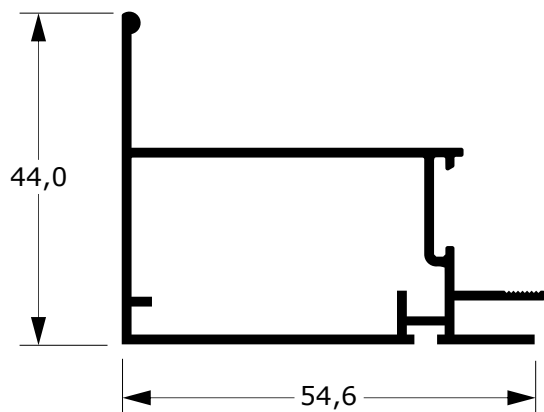
0,479 Kg/m

**AP-374**

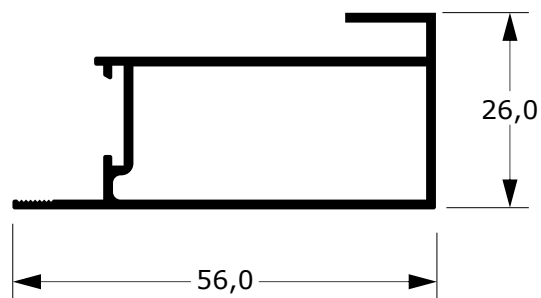
0,539 Kg/m

**AP-378**

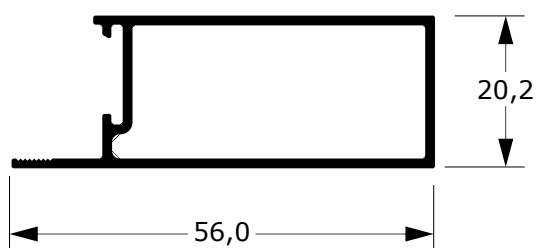
0,367 Kg/m

**AP-069**

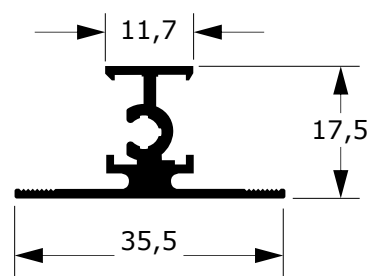
0,681 Kg/m

**AP-070**

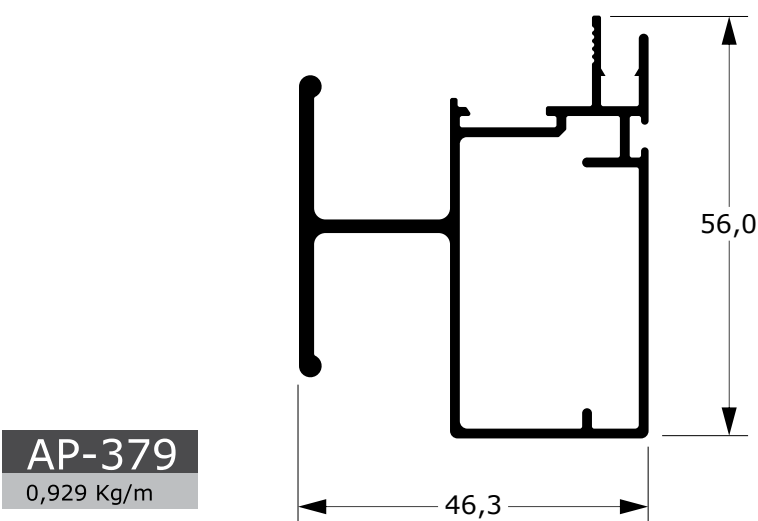
0,551 Kg/m

**AP-336**

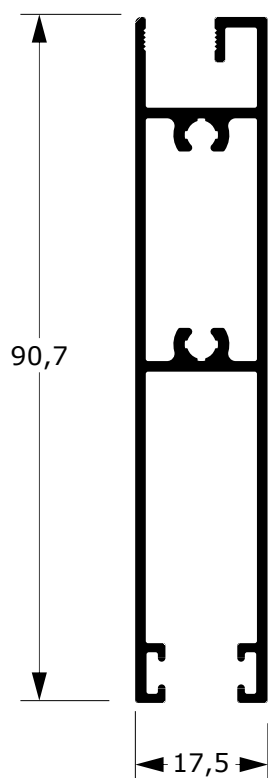
0,497 Kg/m

**T-153**

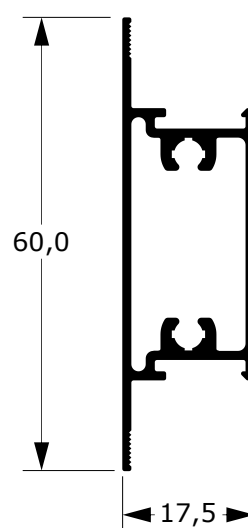
0,335 Kg/m

**AP-379**

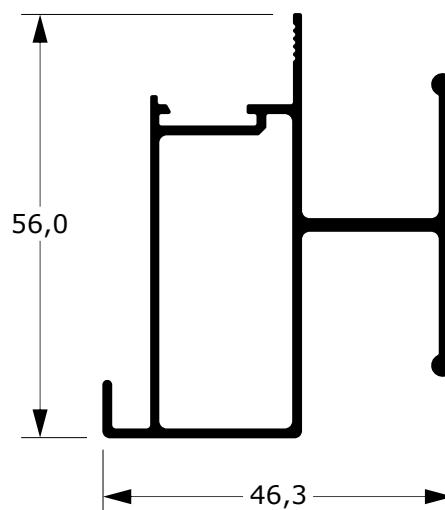
0,929 Kg/m

**AP-354**

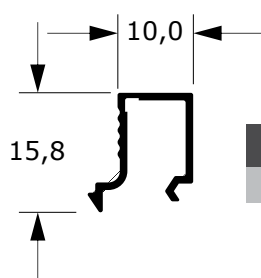
0,983 Kg/m

**AP-332**

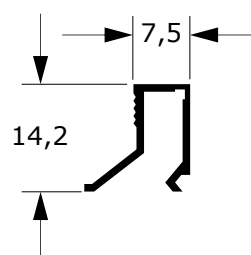
0,536 Kg/m

**AP-380**

0,840 Kg/m

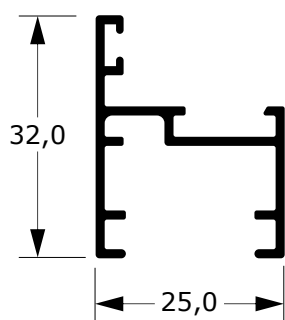
**BG-035**

0,119 Kg/m

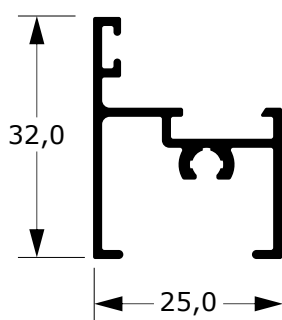
**BG-202**

0,107 Kg/m

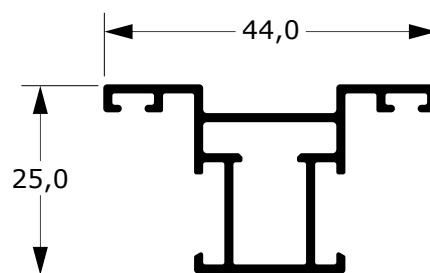
[illegible]

**25-311**

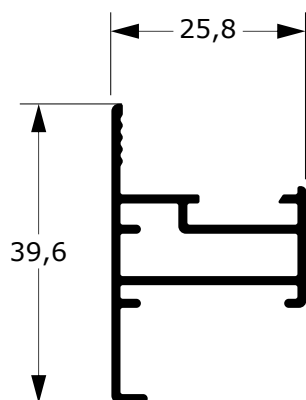
0,332 Kg/m

**AP-312**

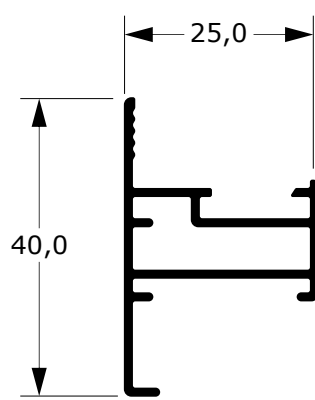
0,351 Kg/m

**25-308**

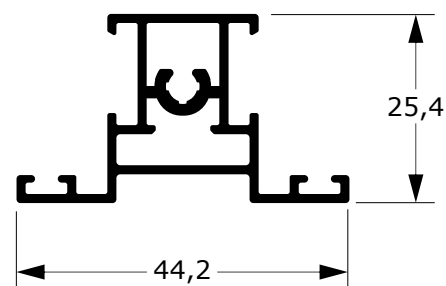
0,453 Kg/m

**MM-375**

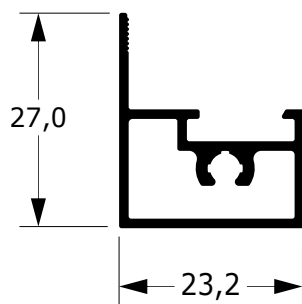
0,394 Kg/m

**25-313**

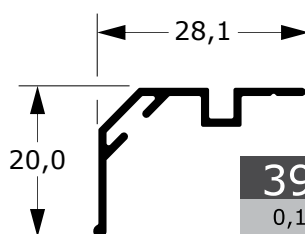
0,383 Kg/m

**MM-376**

0,590 Kg/m

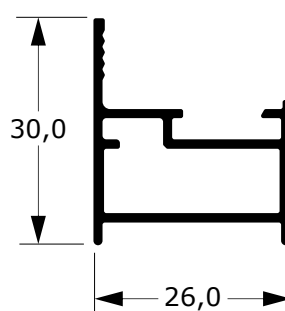
**25-301**

0,343 Kg/m

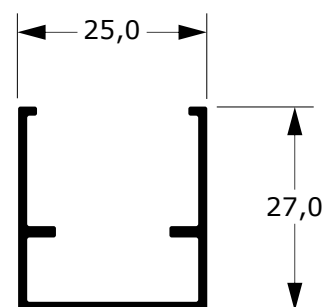
**39-933**

0,179 Kg/m

(ME-056)

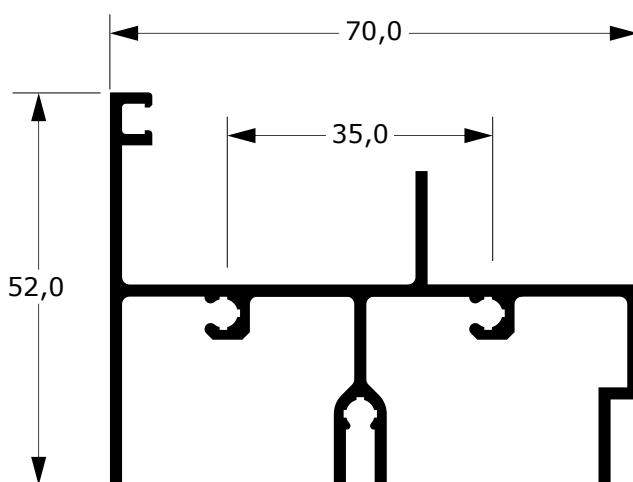
**25-314**

0,364 Kg/m

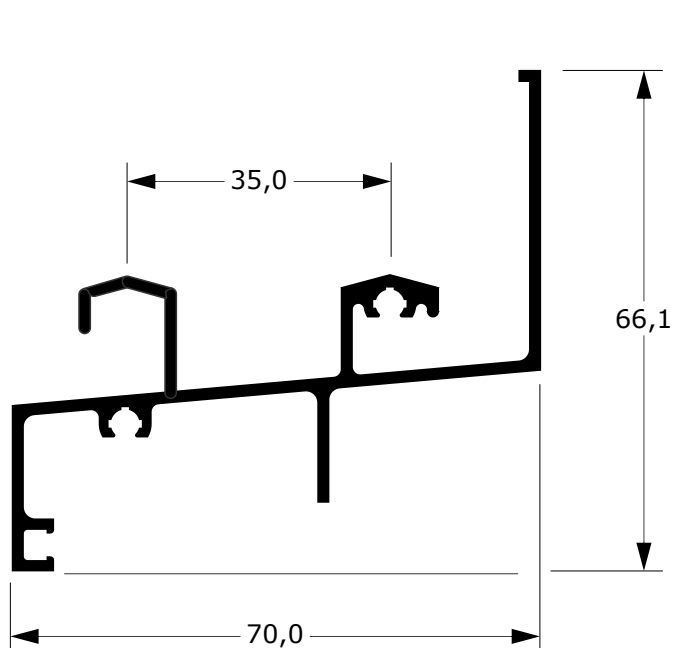
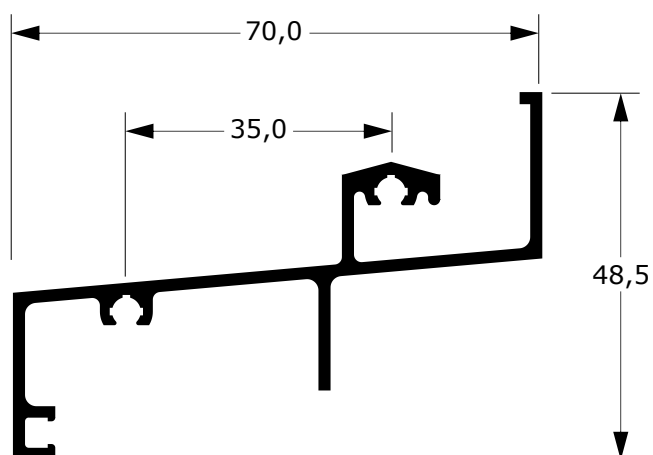
**U-1233**

0,288 Kg/m

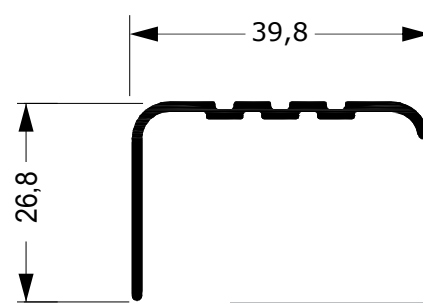
E-186
1,027 Kg/m
(25-010)



Z-170
0,756 Kg/m
(25-033)



Z-171
1,001 Kg/m
(25-034)

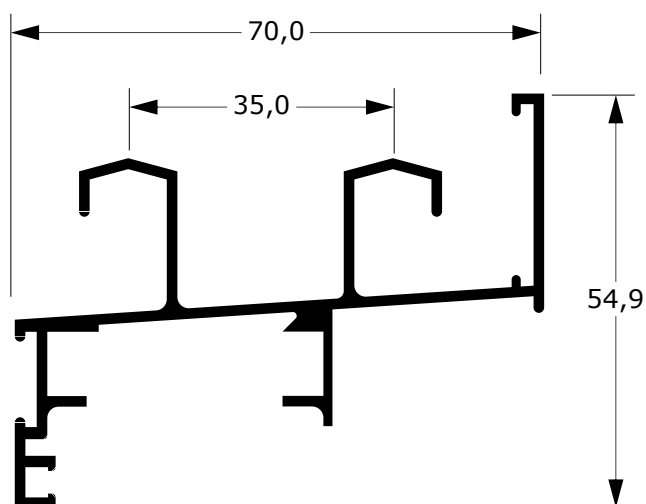


RA-013
0,268 Kg/m

Z-172

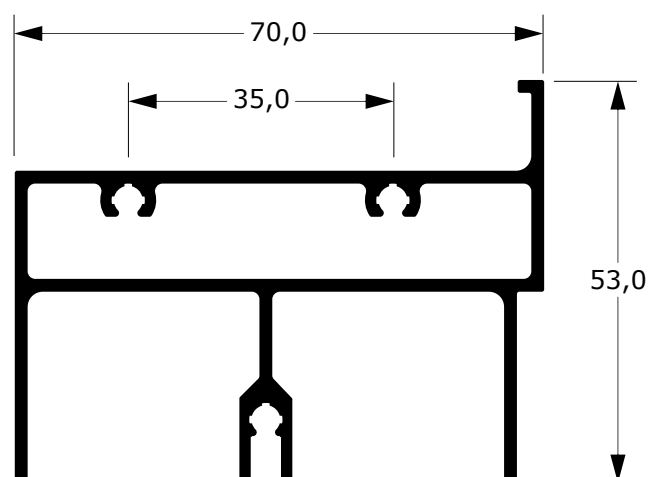
0,940 Kg/m

(25-513)

**P-157**

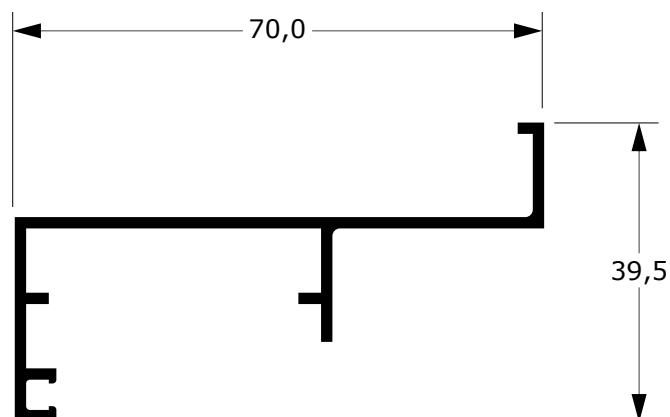
1,349 Kg/m

(25-024)

**Z-114**

0,568 Kg/m

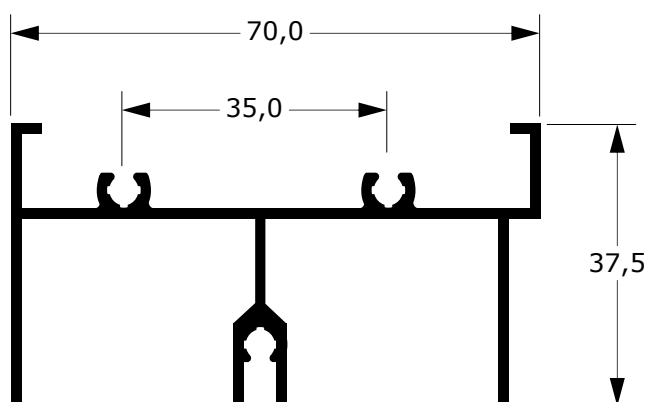
(25-560)



E-482

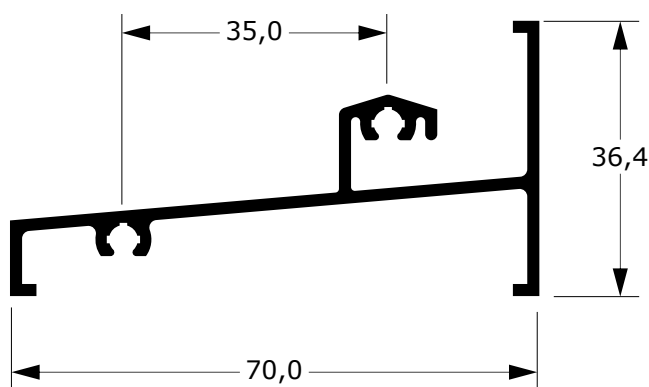
0,877 Kg/m

(E-290)

**Z-174**

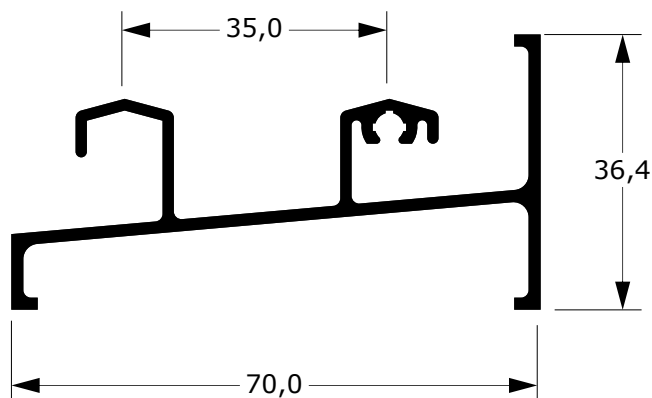
0,716 Kg/m

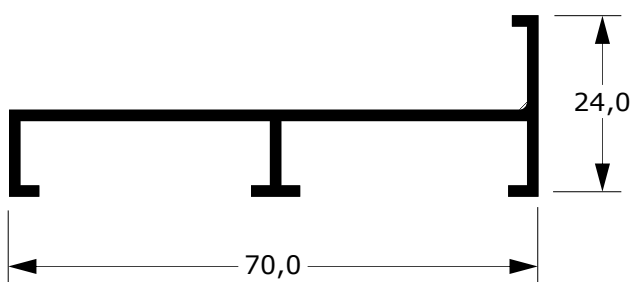
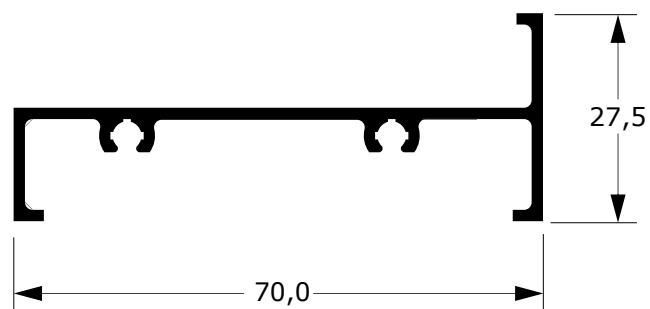
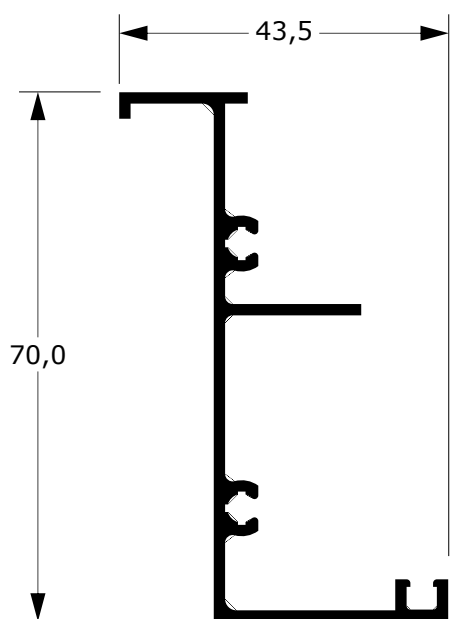
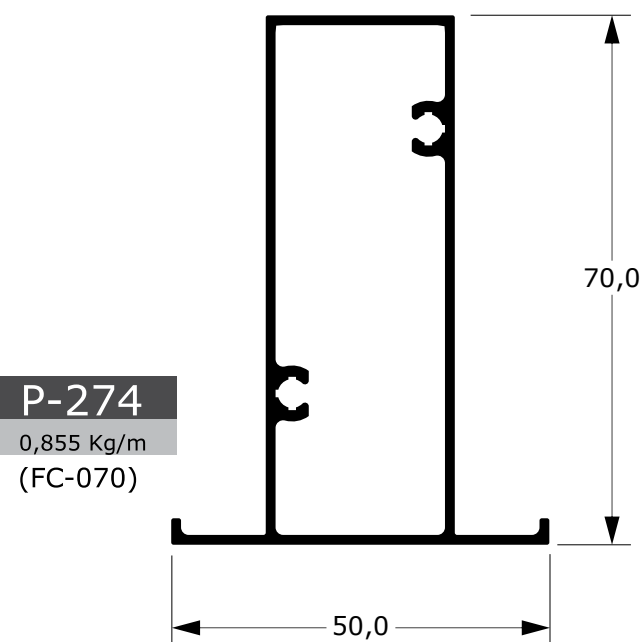
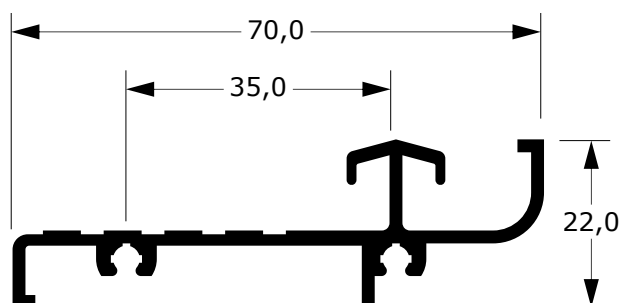
(25-515)

**Z-176**

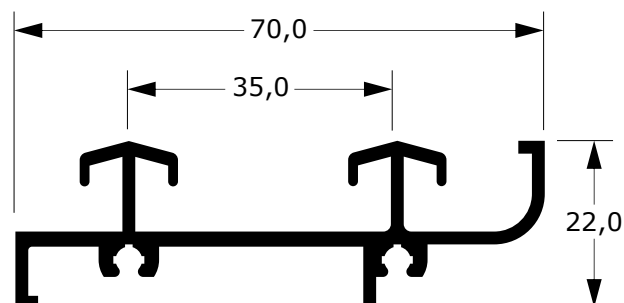
0,848 Kg/m

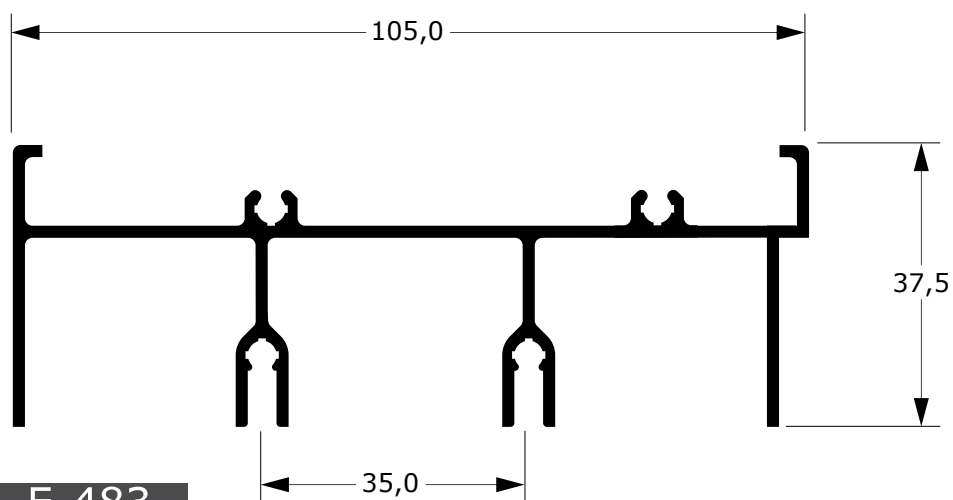
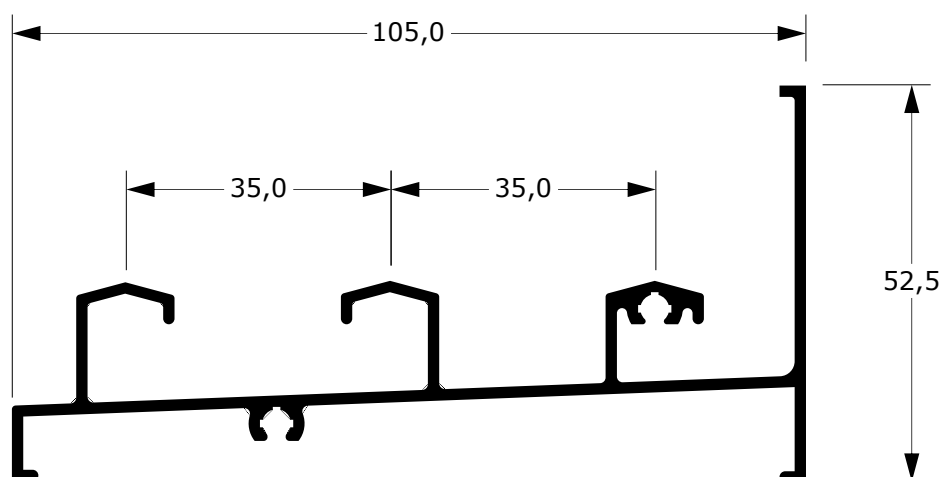
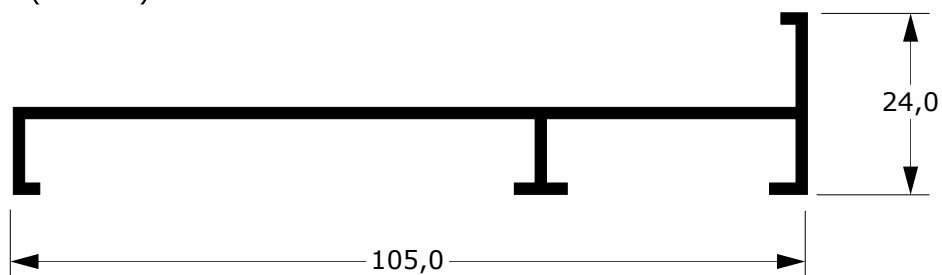
(25-516)



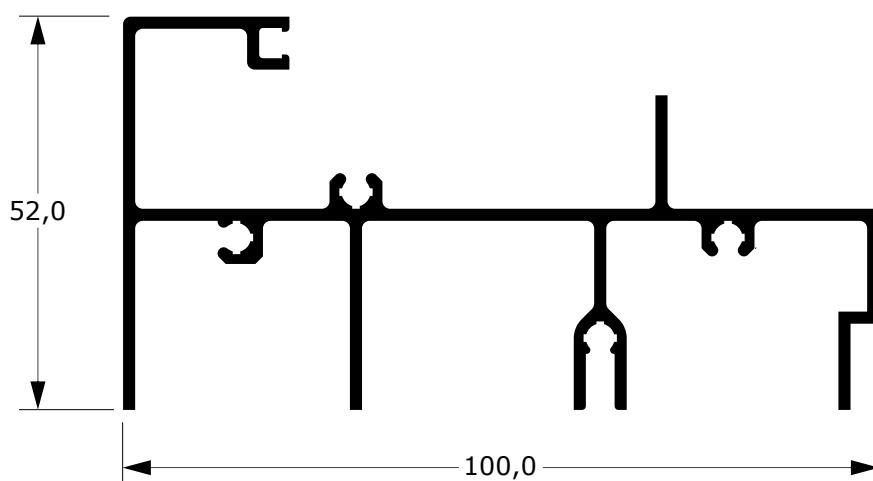
**E-277**0,504 Kg/m
(25-514)**Z-175**0,572 Kg/m
(25-517)**Z-115**0,690 Kg/m
(25-009)**P-274**0,855 Kg/m
(FC-070)**Z-259**

0,690 Kg/m

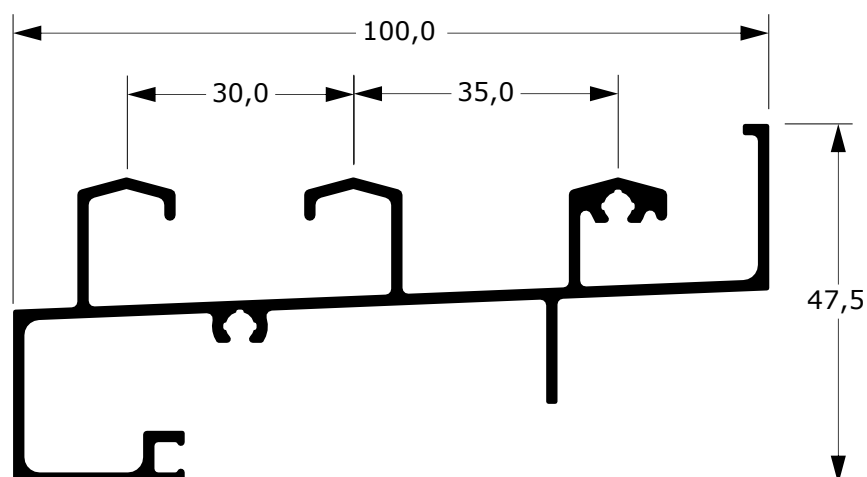
**Z-267**0,753 Kg/m
(25-670)

**E-483**1,183 Kg/m
(25-661)**Z-258**1,115 Kg/m
(25-671)**E-484**

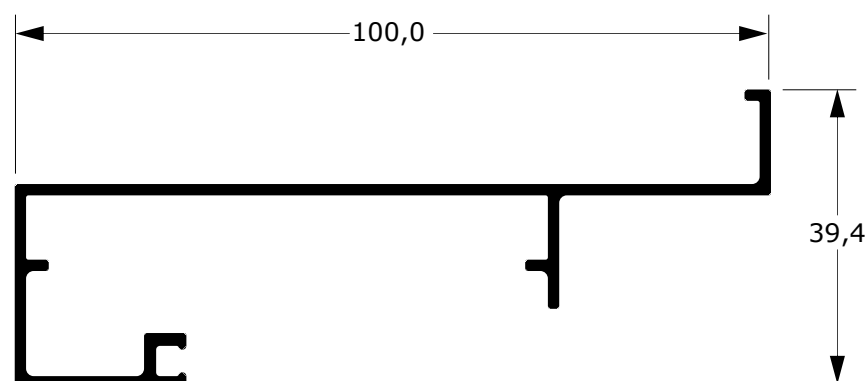
0,650 Kg/m

**E-293**

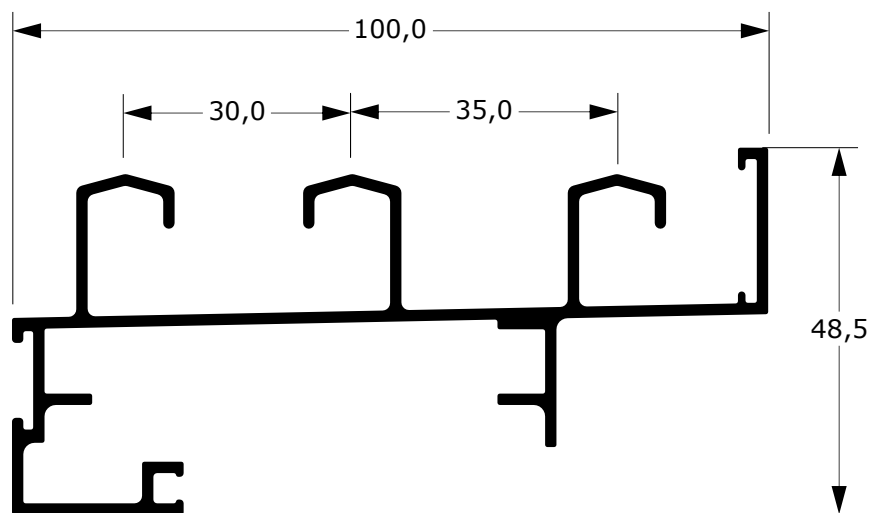
1,449 Kg/m (25-511)

**E-276**

1,225 Kg/m (25-035)

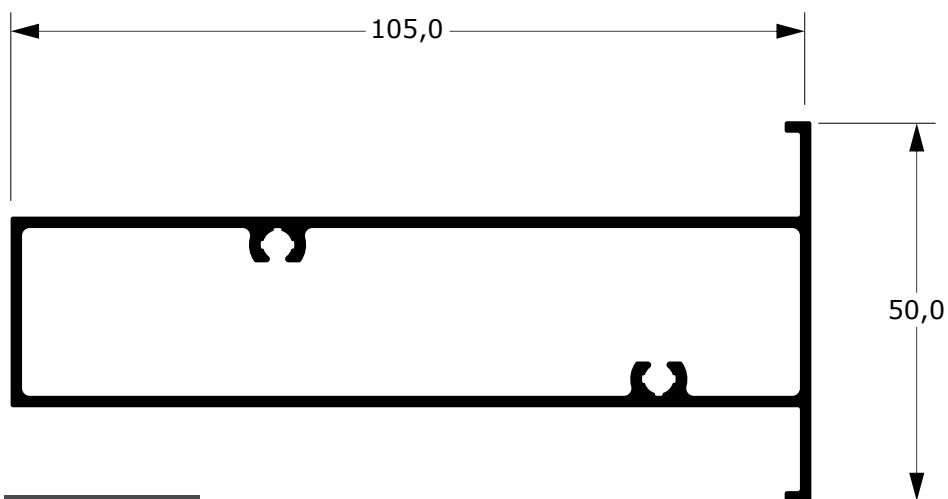
**Z-192**

0,789 Kg/m (25-508)

**Z-173**

1,311 Kg/m

(25-512)

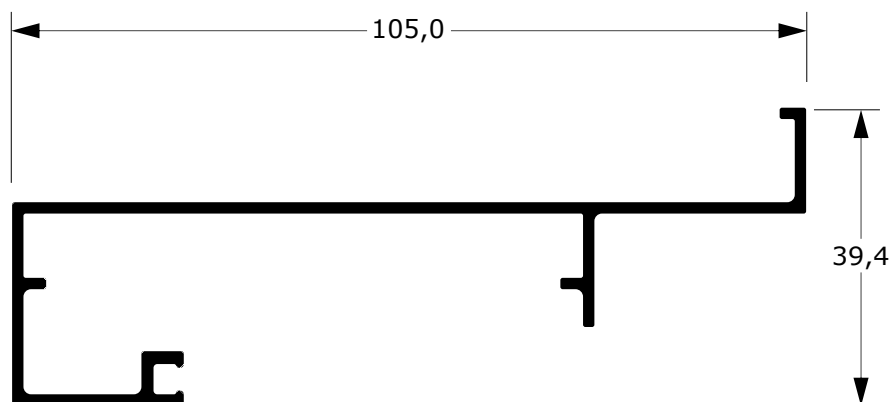
**78-745**

1,256 Kg/m

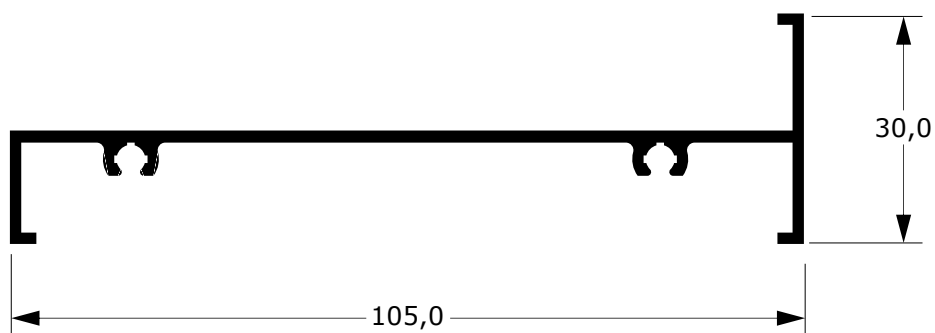
Z-254

0,822 Kg/m

(25-672)

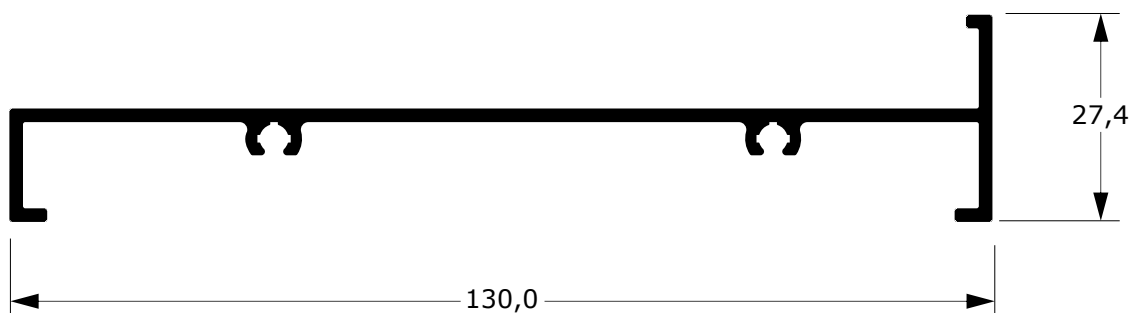
**Y-260**

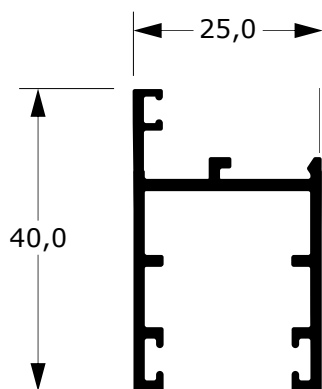
0,746 Kg/m

**Y-350**

0,965 Kg/m

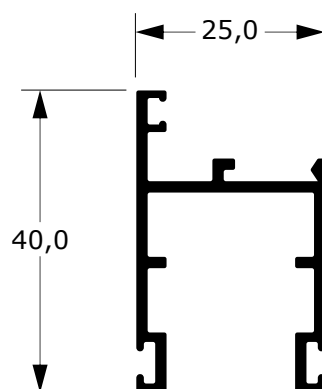
(CL-016)



**Y-195A**

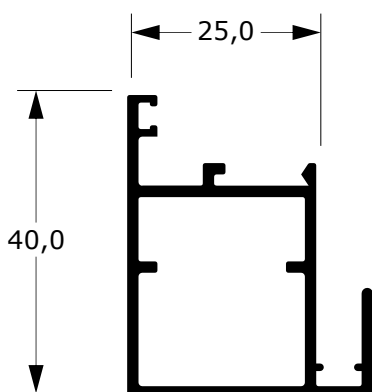
0,389 Kg/m

(25-565)

**Y-196**

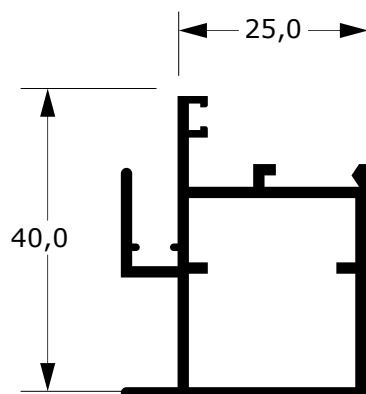
0,479 Kg/m

(25-500)

**P-151 A**

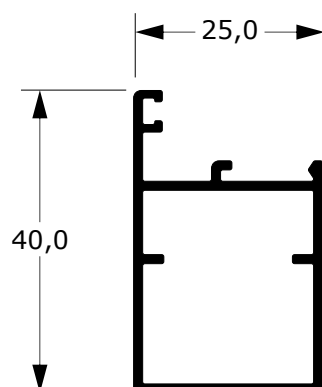
0,497 Kg/m

(25-568)

**P-152 A**

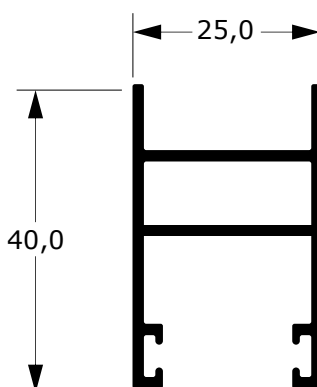
0,522 Kg/m

(25-569)

**P-140A**

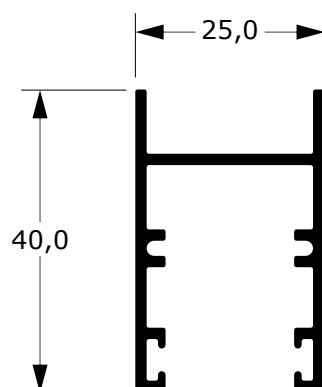
0,426 Kg/m

(25-570)

**A-097**

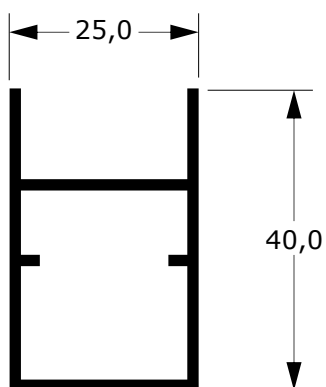
0,558 Kg/m

(25-031)

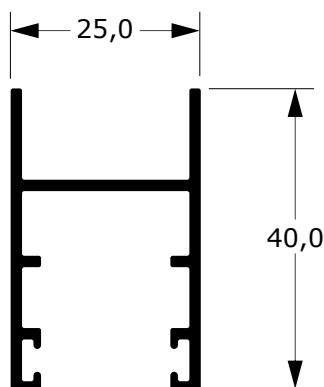
**I-122**

0,508 Kg/m

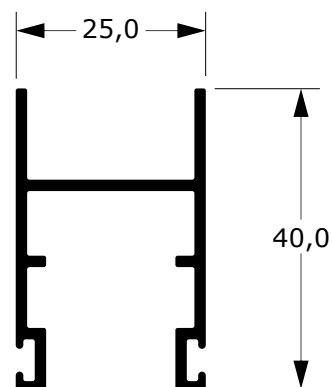
(25-019)

**A-201**

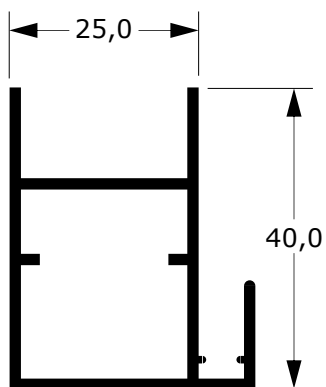
0,524 Kg/m

**I-307**

0,488 Kg/m

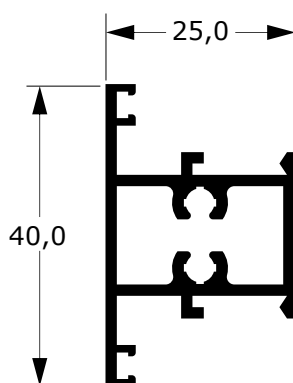
**I-308**

0,488 Kg/m

**A-202**

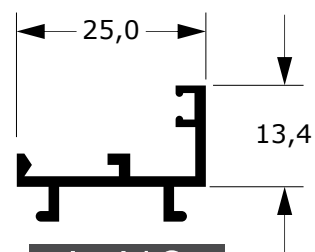
0,609 Kg/m

(25-680)

**P-153**

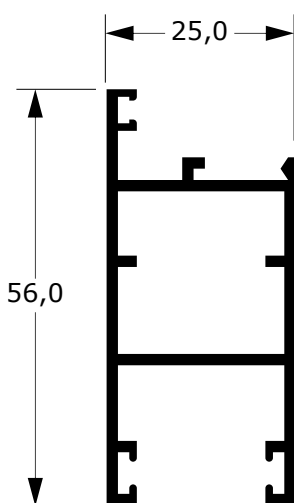
0,598 Kg/m

(25-026)

**L-418**

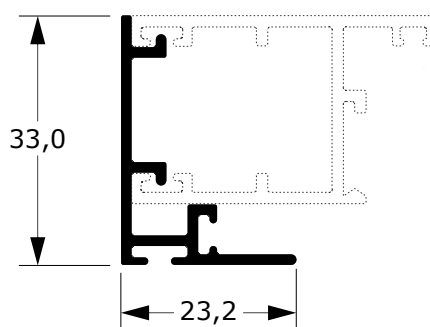
0,230 Kg/m

(25-528)

**A-048**

0,706 Kg/m

(25-502)

**L-498**

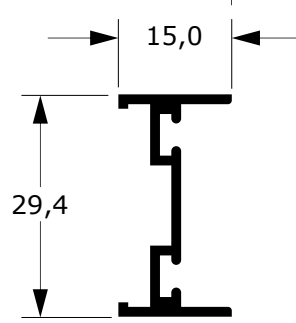
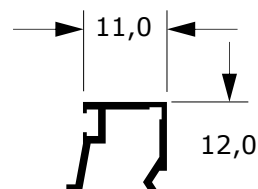
0,306 Kg/m

(25-043)

U-522

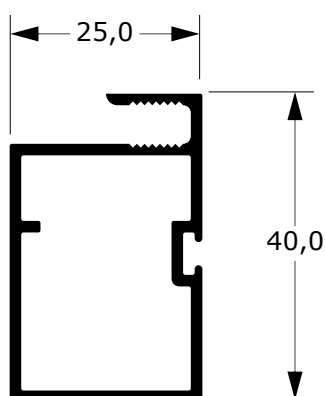
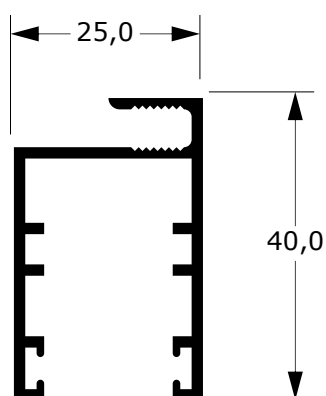
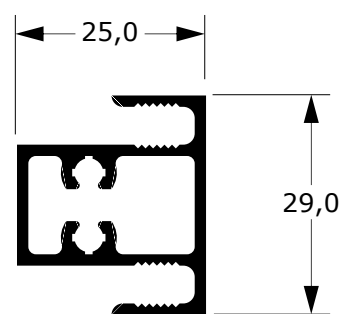
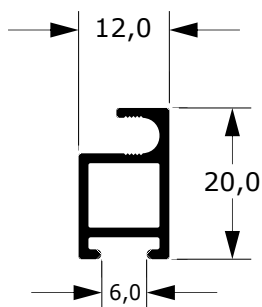
0,102 Kg/m

(BG-001)

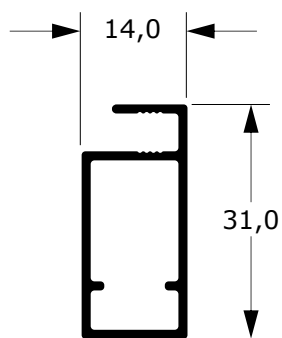
**I-105**

0,259 Kg/m

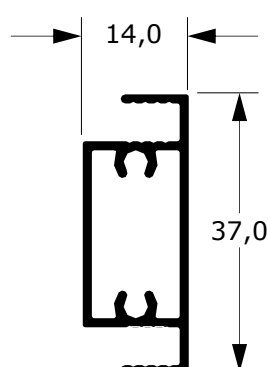
(25-021)

**P-227**0,549 Kg/m
(25-549)**Y-312**0,519 Kg/m
(25-551)**P-256**0,490 Kg/m
(25-550)**A-058**

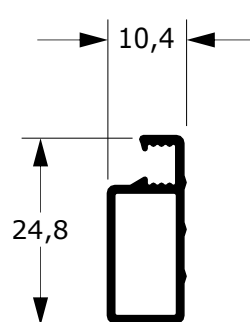
0,222 Kg/m

**78-1154 C**

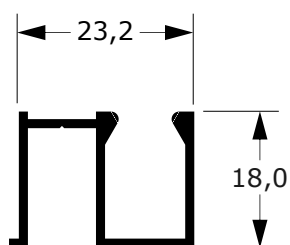
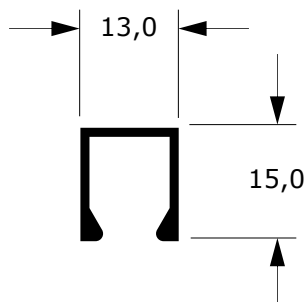
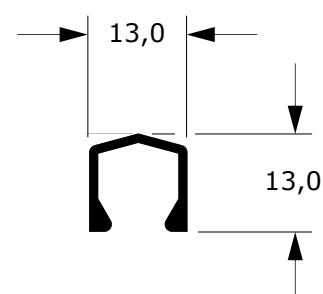
0,295 kg/m

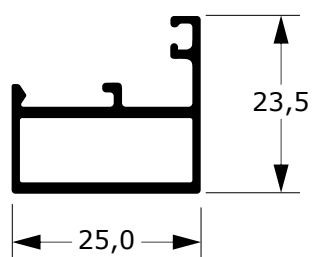
**78-1153 C**

0,377 kg/m

**78-2228 C**

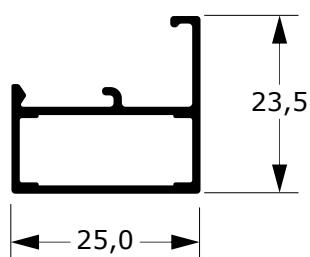
0,187 Kg/m

**Z-074**0,269 Kg/m
(25-552)**U-425**0,157 Kg/m
(25-510)**U-681**0,135 Kg/m
(25-032)

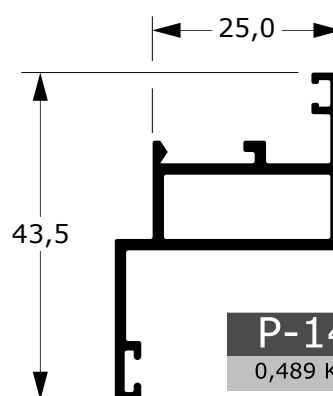
**P-147 A**

0,300 Kg/m

(25-555)

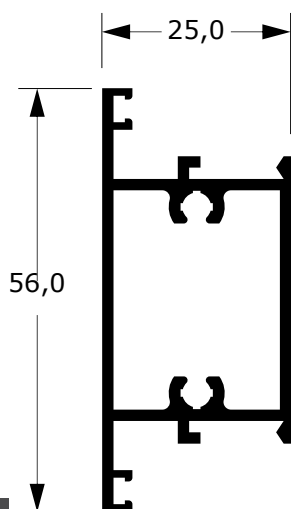
**P-525A**

0,283 Kg/m

**P-145**

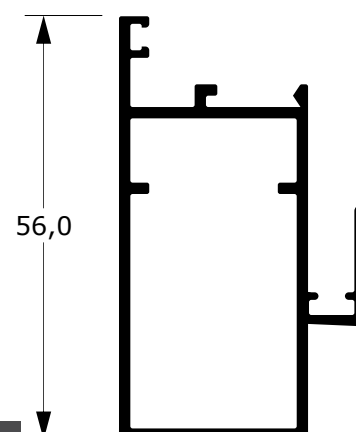
0,489 Kg/m

(25-572)

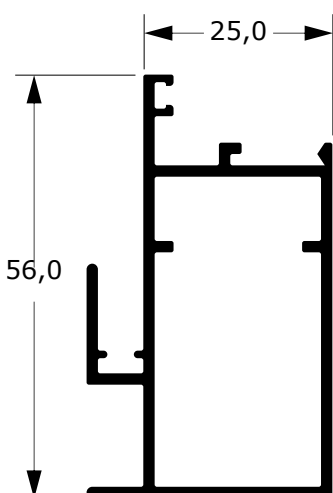
**P-319 A**

0,657 Kg/m

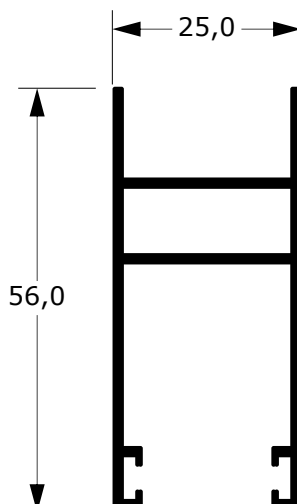
(25-508)

**P-370A**

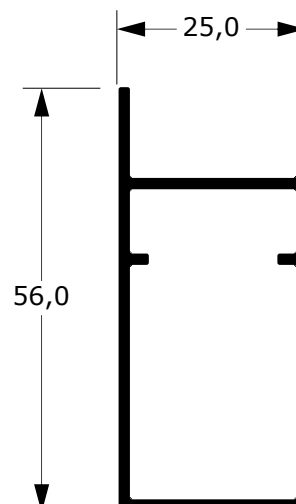
0,666 Kg/m

**P-371 A**

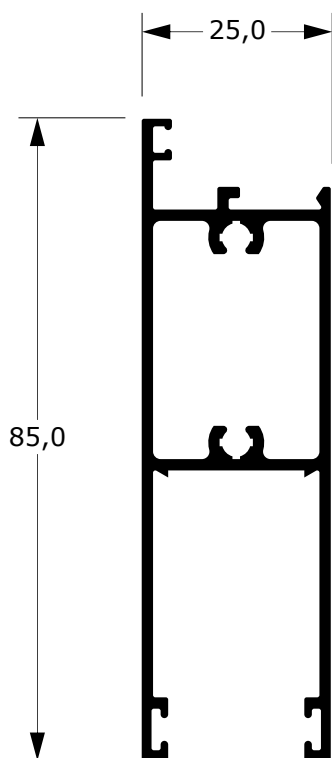
0,679 Kg/m

**A-195**

0,686 Kg/m

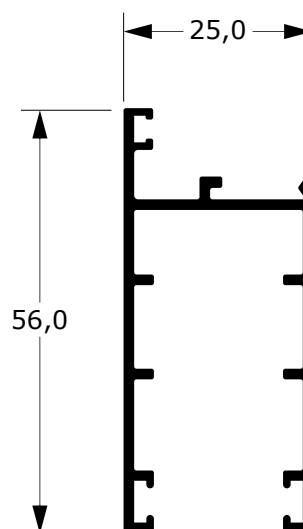
**A-194**

0,652 Kg/m

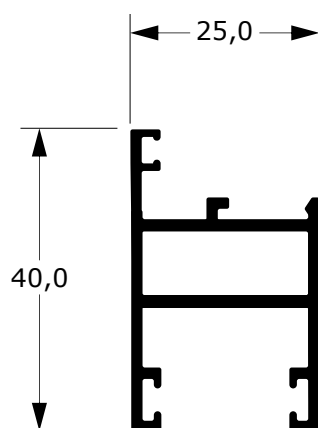
**A-139**

1,011 Kg/m

(25-538)

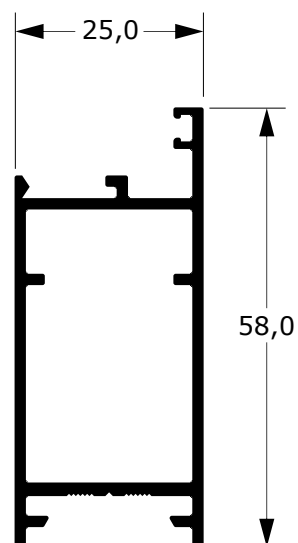
**25-503**

0,599 Kg/m

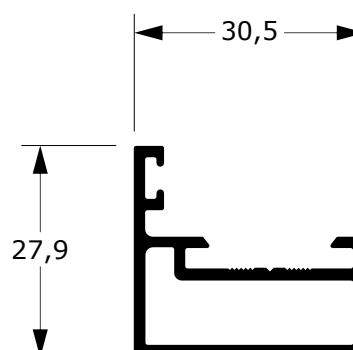
**A-047**

0,555 Kg/m

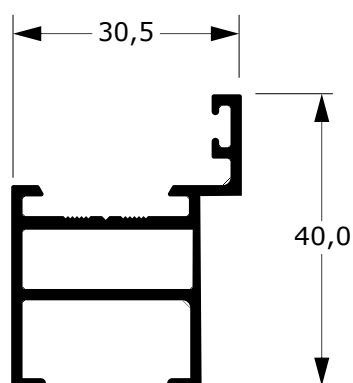
(25-567)



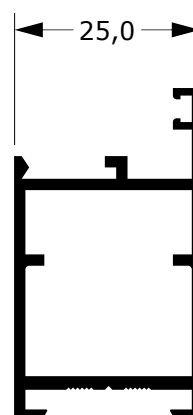
P-414A
0,578 Kg/m
(25-542)



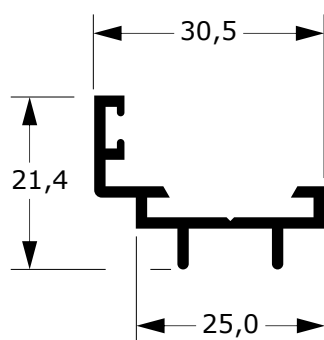
P-411
0,481 Kg/m



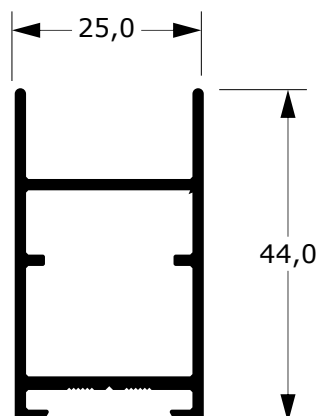
P-412A
0,453 Kg/m
(25-540)



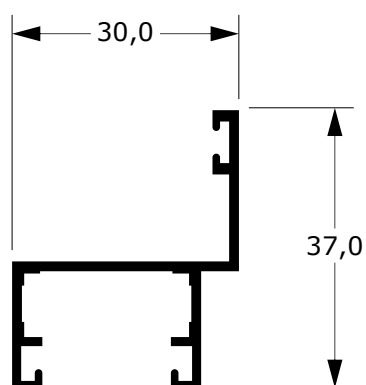
P-416
0,587 Kg/m
(25-546)



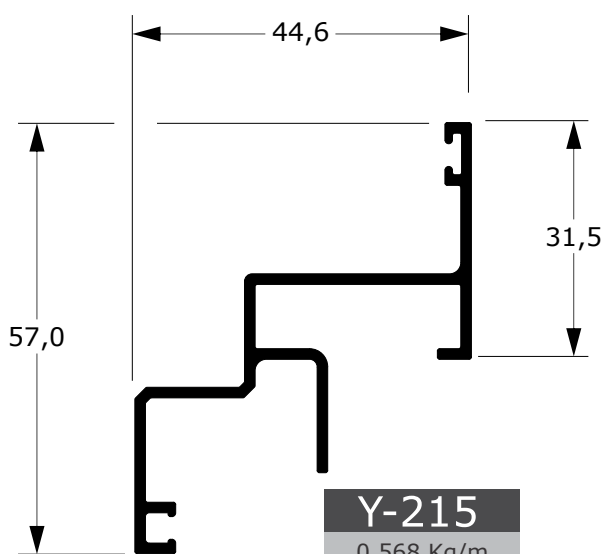
L-715
0,281 Kg/m
(25-548)



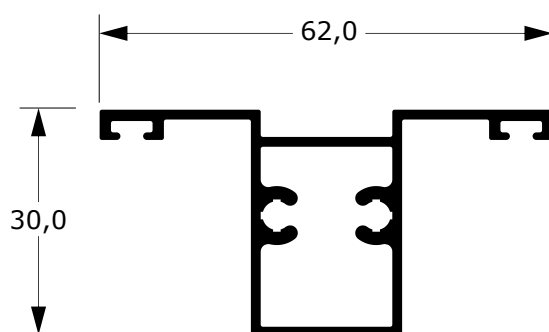
A-207
0,592 kg/m



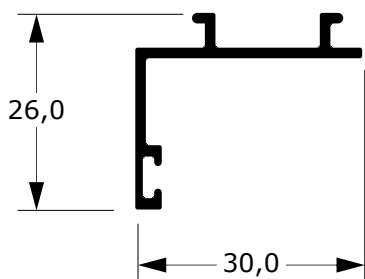
Y-630
0,360 Kg/m
(25-556)



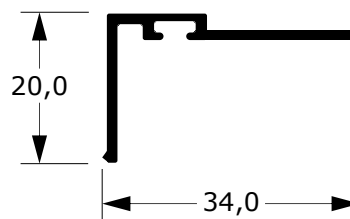
Y-215
0,568 Kg/m
(25-561)



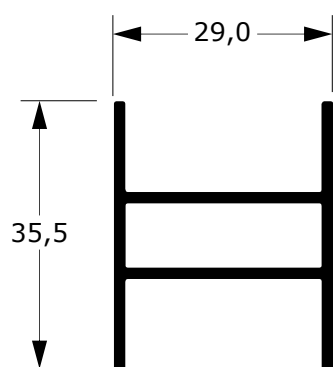
P-574
0,622 Kg/m
(25-669)



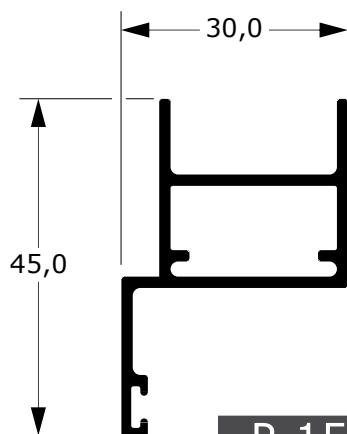
L-383
0,253 Kg/m
(25-020)



L-387
0,219 Kg/m
(CL-015)

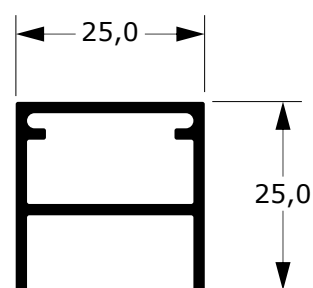
**A-034**

0,499 Kg/m

**P-155**

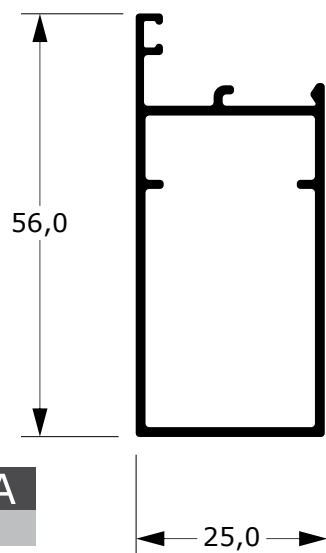
0,528 Kg/m

(25-522)

**A-056**

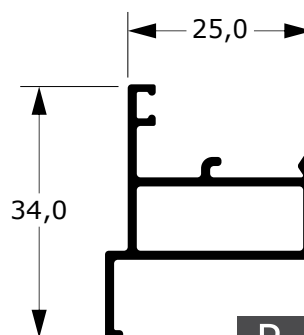
0,404 Kg/m

(25-017)

**P-318A**

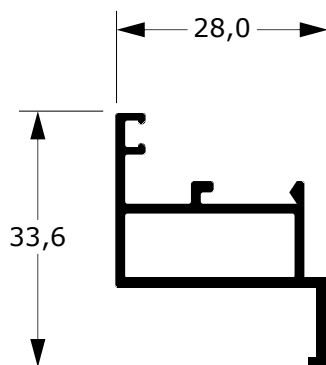
0,558 Kg/m

(25-504)

**P-167A**

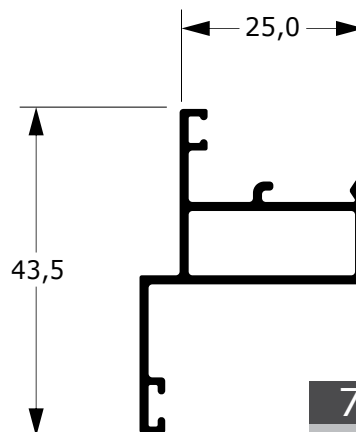
0,347 Kg/m

(25-523)

**P-166**

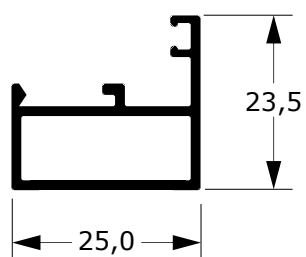
0,427 Kg/m

(25-524)

**78-635**

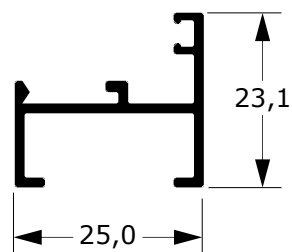
0,426 Kg/m

(P-146 A)

**78-634**

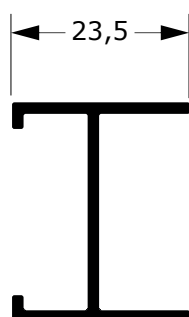
0,316 Kg/m

(25-001)

**Y-197**

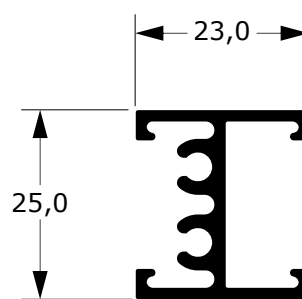
0,268 Kg/m

(25-027)

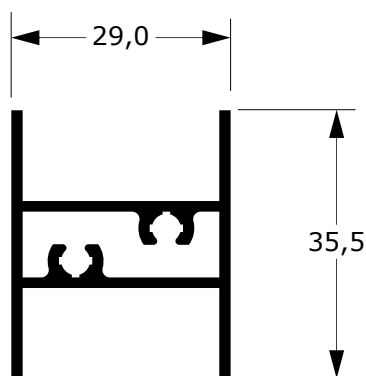
**I-090**

0,312 Kg/m

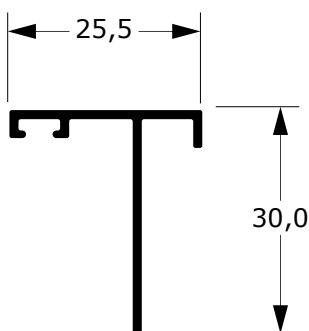
(25-520)

**I-117**

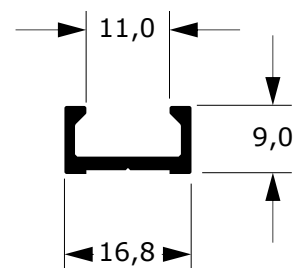
0,446 Kg/m

**A-084**

0,583 Kg/m

**T-214**

0,210 Kg/m

**U-683**

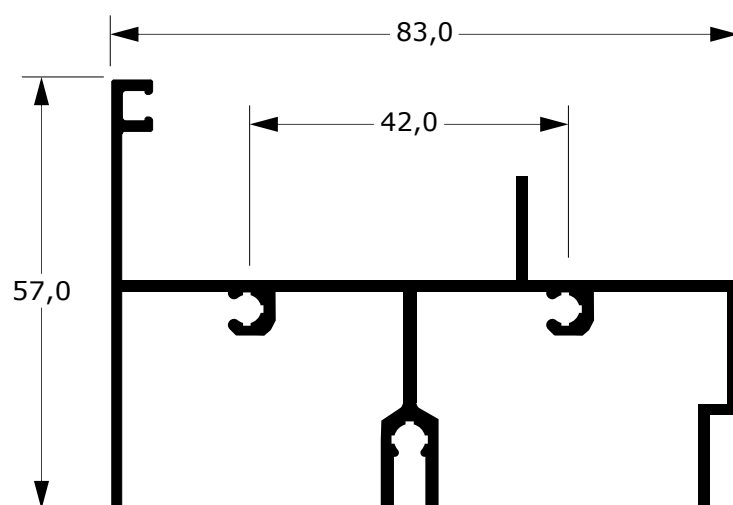
0,154 Kg/m

(CL-050)

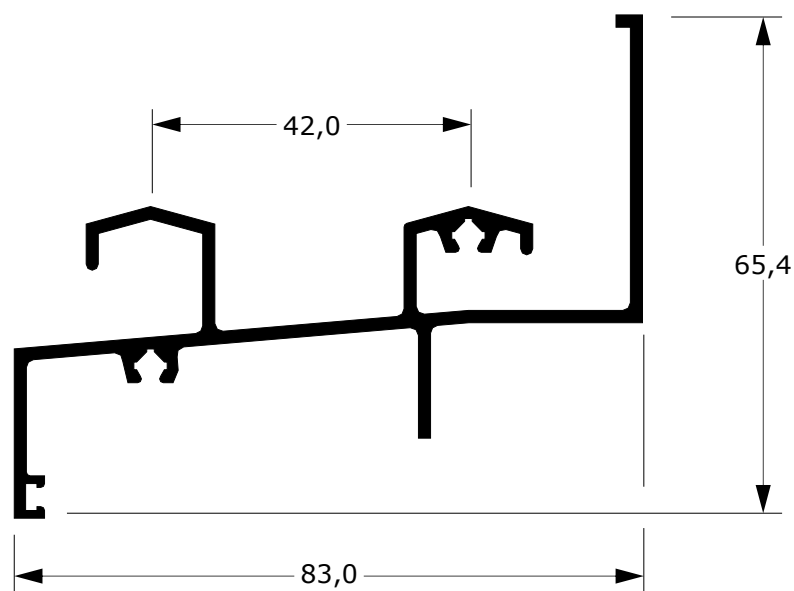
E-294

1,156 Kg/m

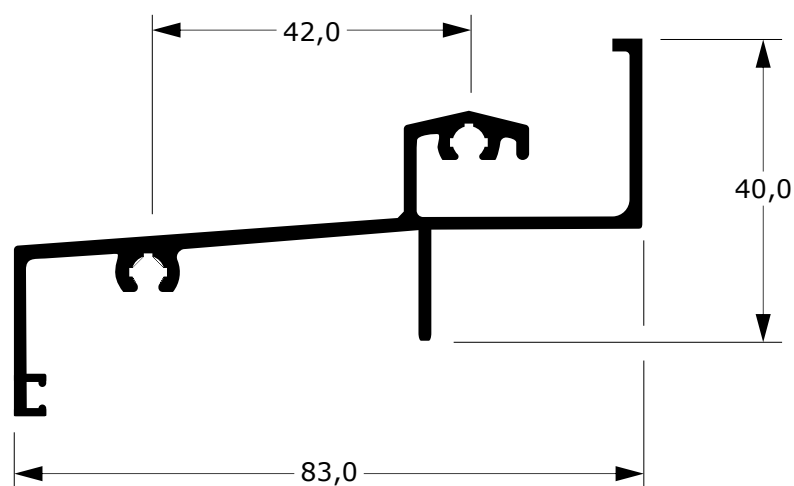
(30-042)

**Z-178**

1,070 Kg/m

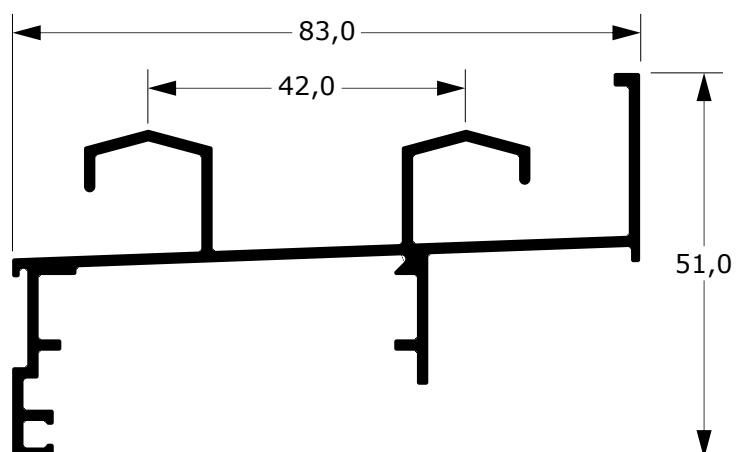
**Z-167**

0,836 kg/m



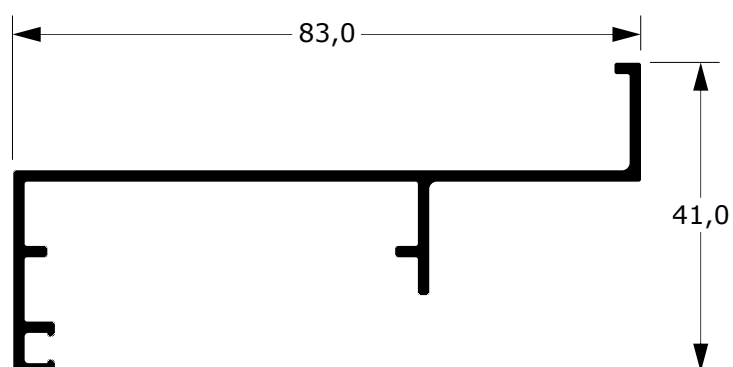
Z-231

0,984 Kg/m

**Z-118**

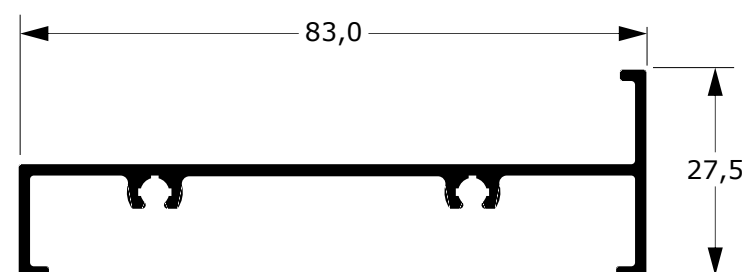
0,666 Kg/m

(30-039)

**Z-182**

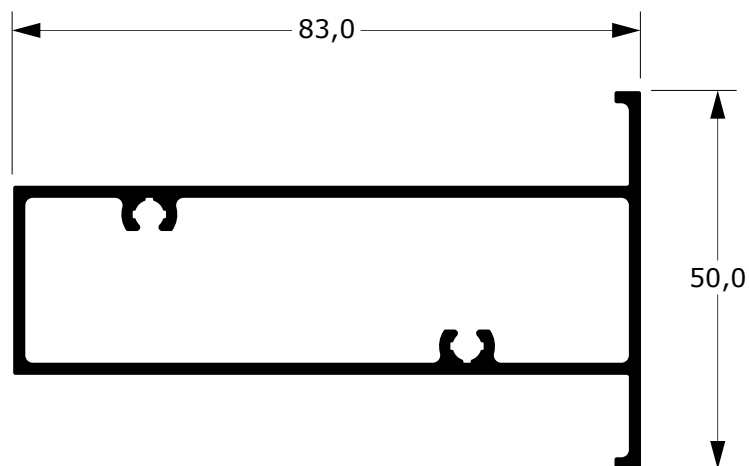
0,634 Kg/m

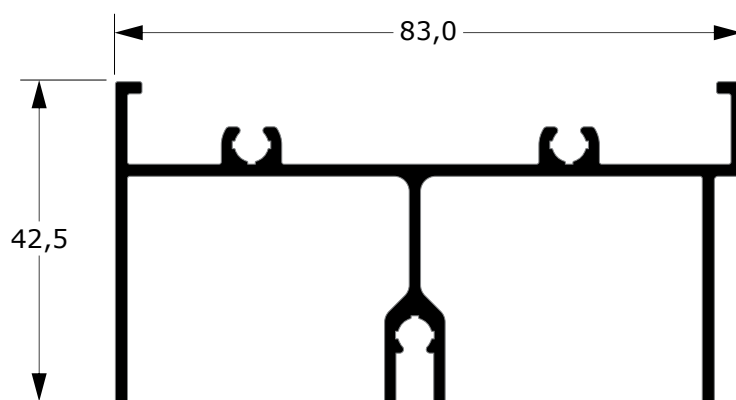
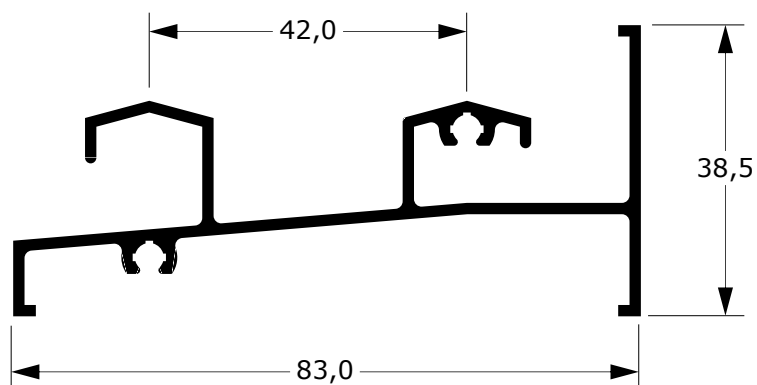
(30-068)

**P-258**

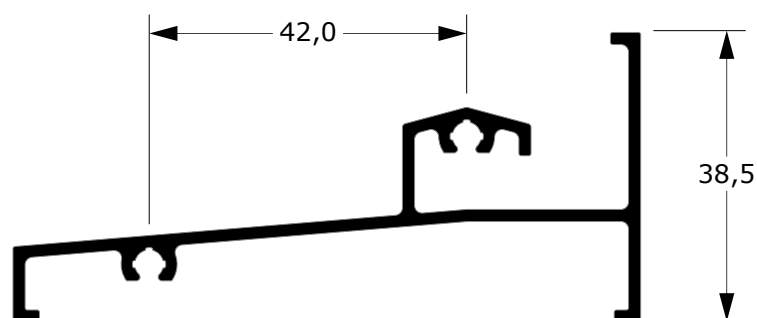
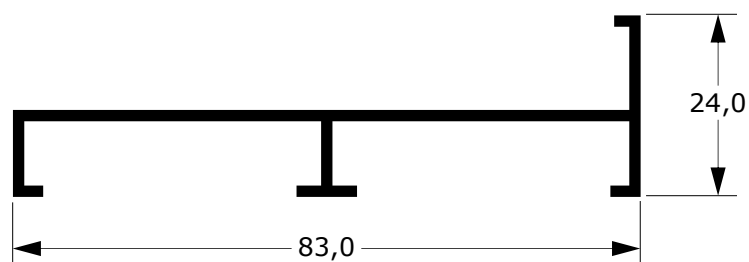
1,134 Kg/m

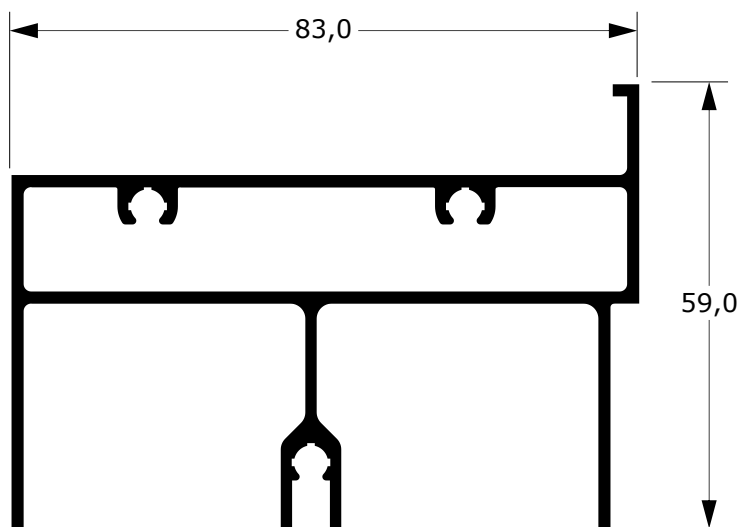
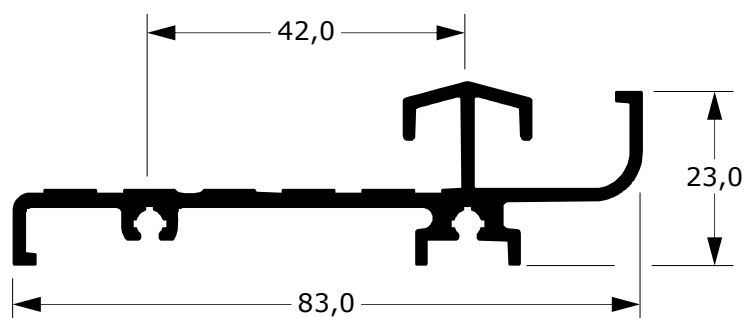
(30-067)



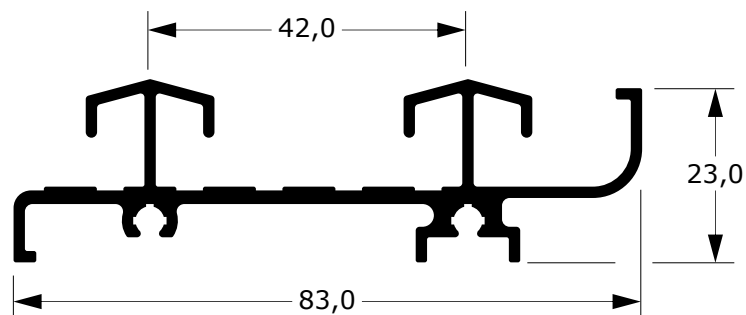
E-4911,061 Kg/m
(30-066)**Z-183**0,944 Kg/m
(30-069)**Z-180**

0,810 Kg/m

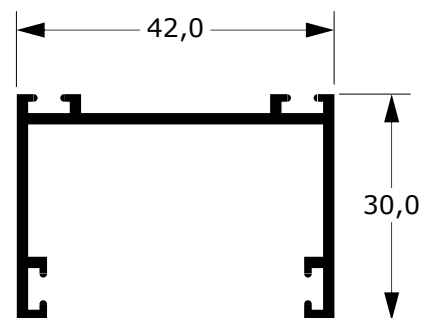
**Z-181**0,564 Kg/m
(30-089)

**P-287**1,498 Kg/m
(30-041)**Z-263**

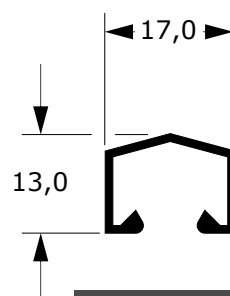
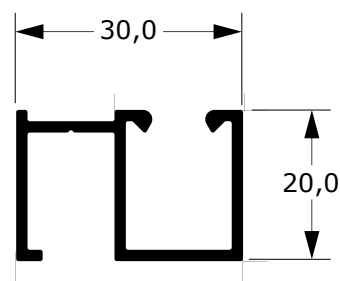
0,840 Kg/m

**Z-268**

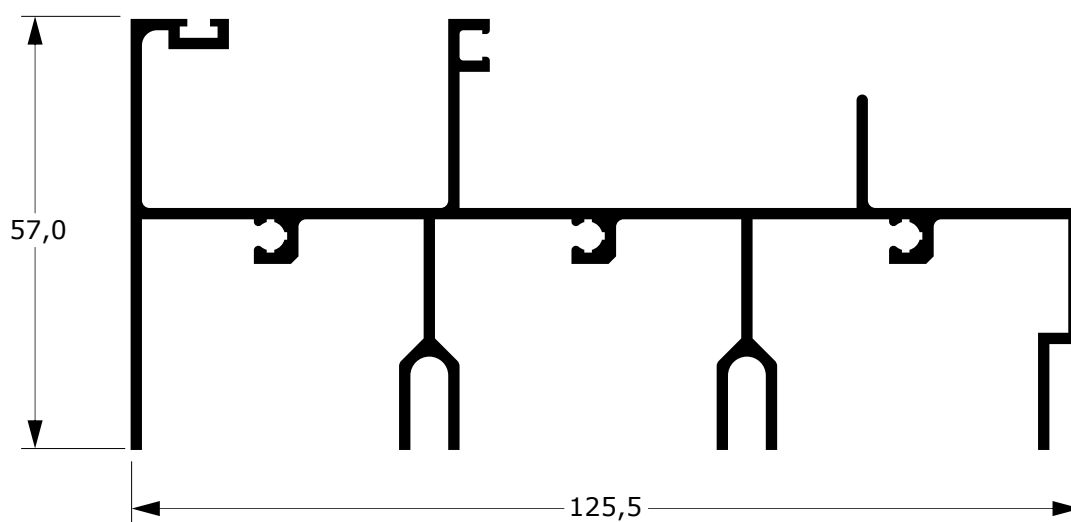
1,011 Kg/m

**U-659**

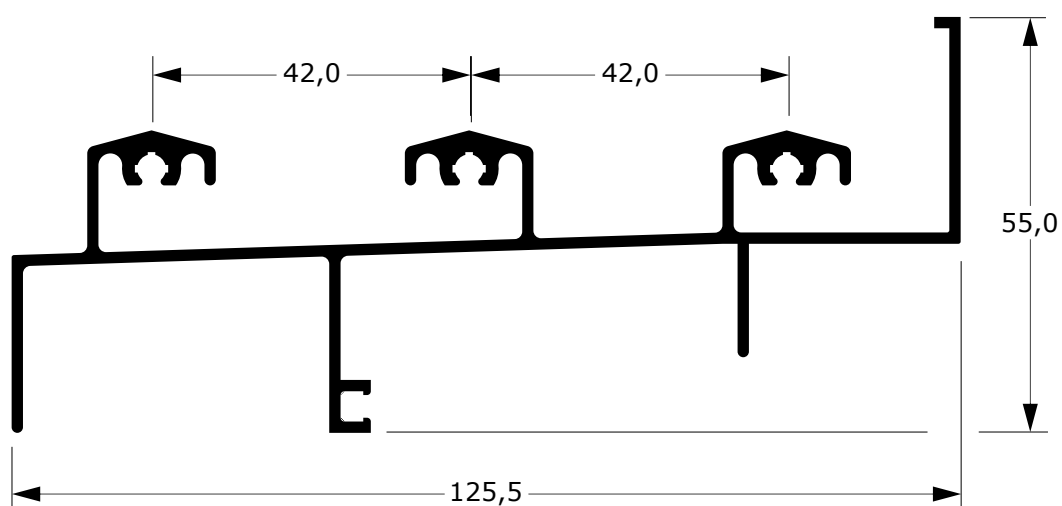
0,490 Kg/m

**U-685**0,141 Kg/m
(30-076)**Z-082**

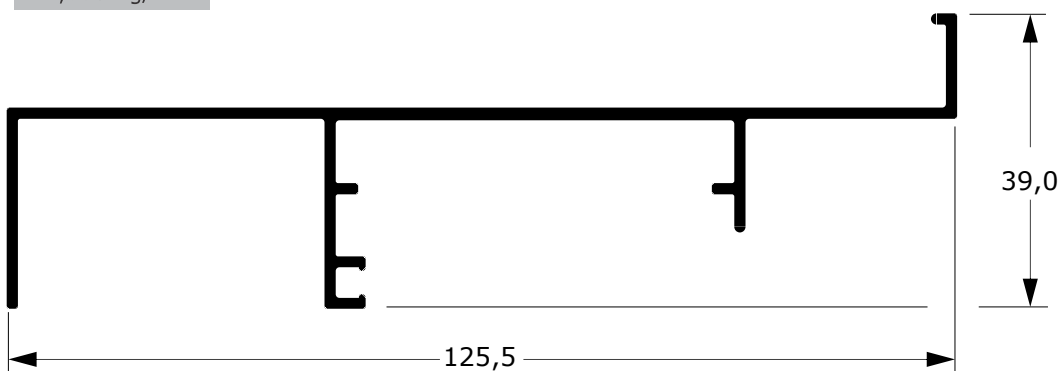
0,393 Kg/m

**E-485**

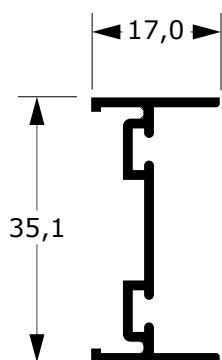
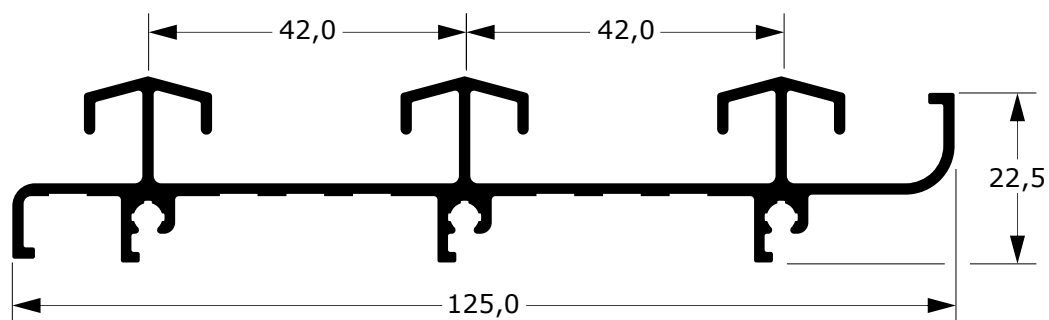
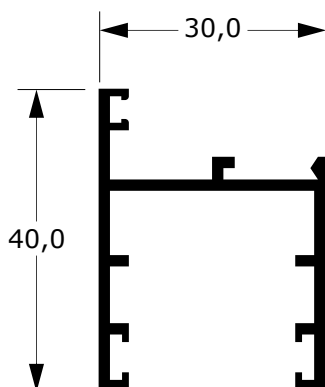
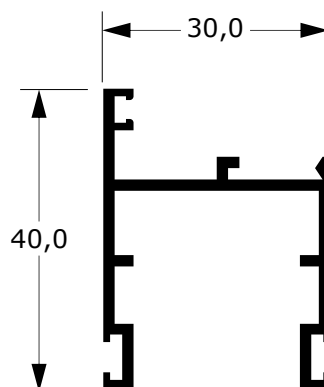
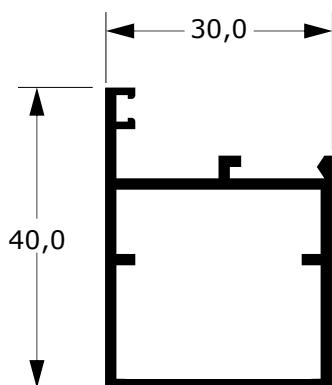
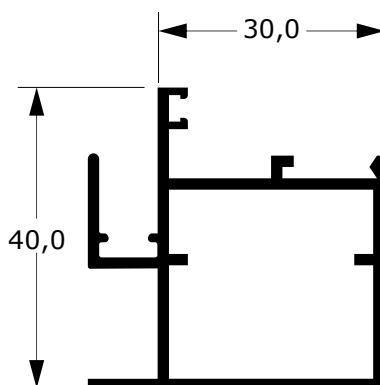
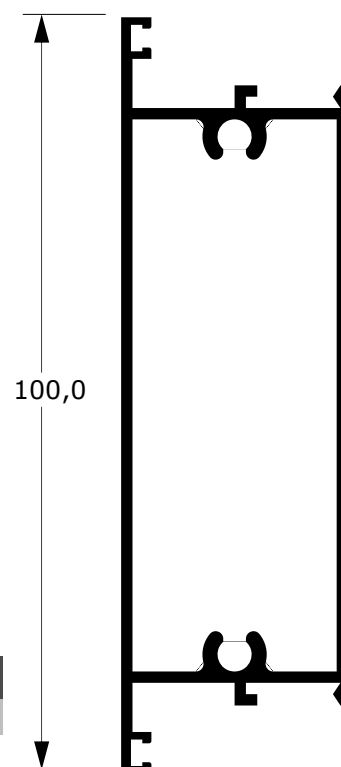
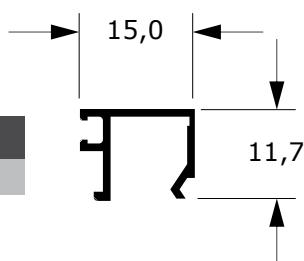
1,708 Kg/m (30-260)

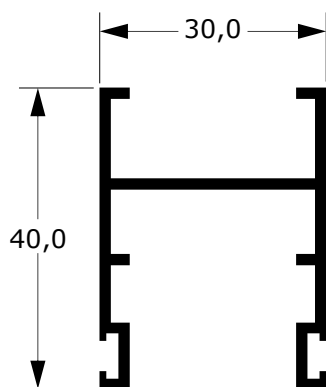
**E-486**

1,538 Kg/m

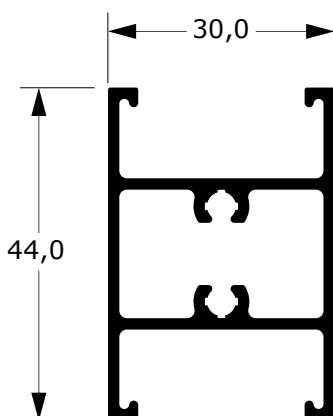
**Z-261**

0,892 Kg/m (30-262)

Z-2601,323 Kg/m
(30-254)**E-150**0,276 Kg/m
(30-019)**Y-131**0,492 Kg/m
(30-001)**Y-153**0,506 Kg/m
(30-002)**P-084 A**0,486 Kg/m
(30-003)**P-148**0,692 Kg/m
(30-005)**P-165**1,152 Kg/m
(30-030)**U-482**0,118 Kg/m
(BG-010)

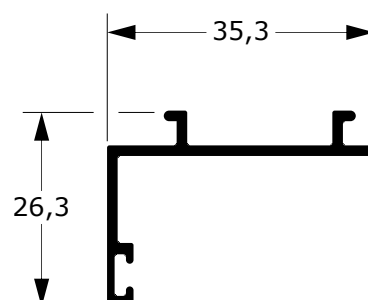
**Y-719**

0,522 Kg/m

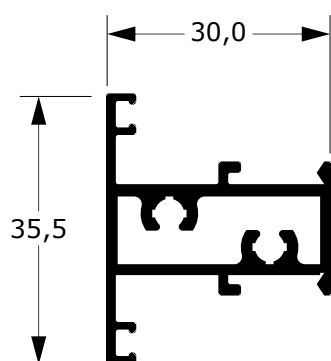
**P-417**

0,734 Kg/m

(30-079)

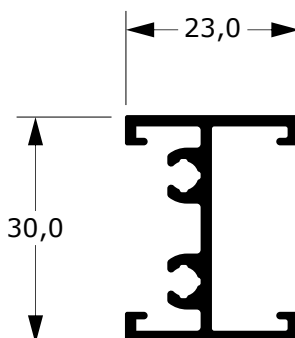
**L-366**

0,283 Kg/m

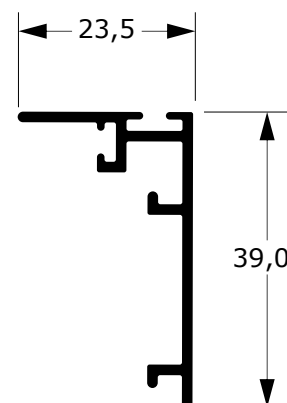
**P-075**

0,602 Kg/m

(30-086)

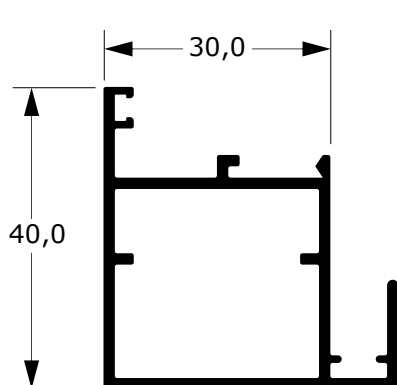
**I-102**

0,448 Kg/m

**L-518**

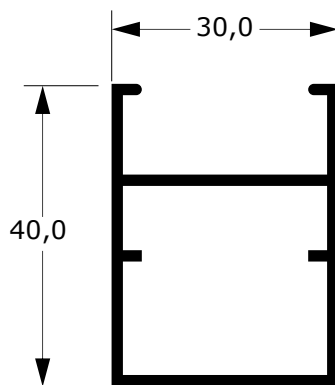
0,355 Kg/m

(30-295)

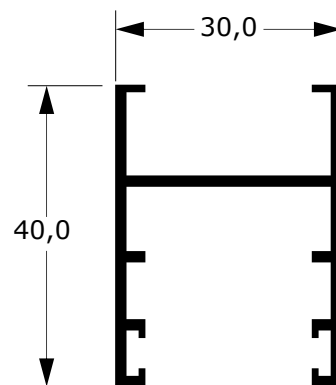
**P-149**

0,655 Kg/m

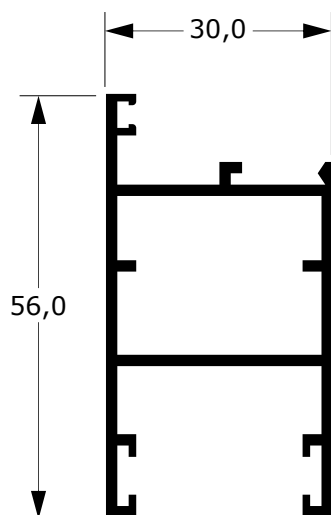
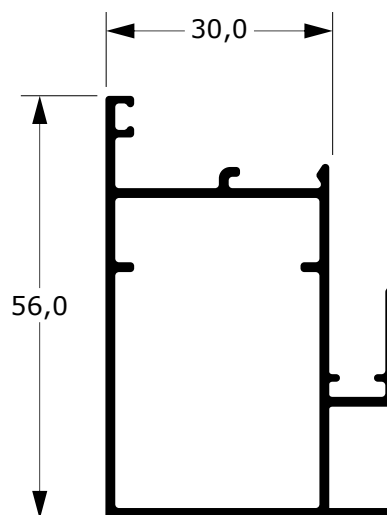
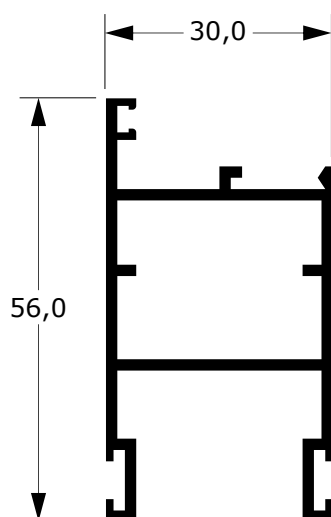
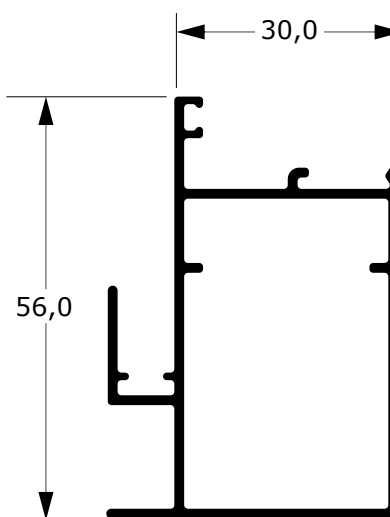
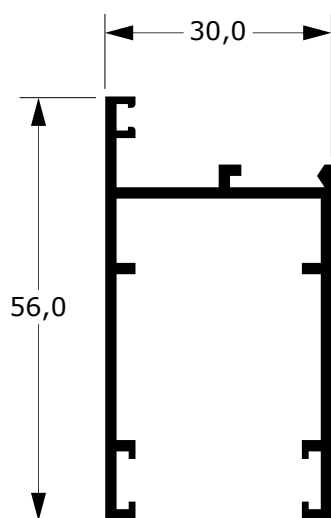
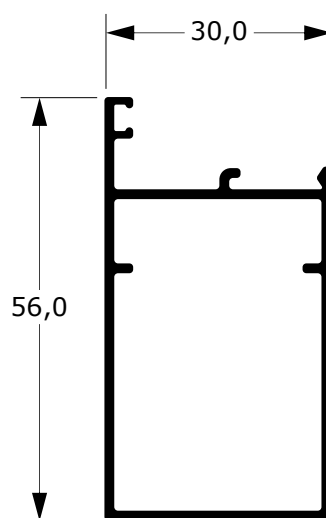
(30-006)

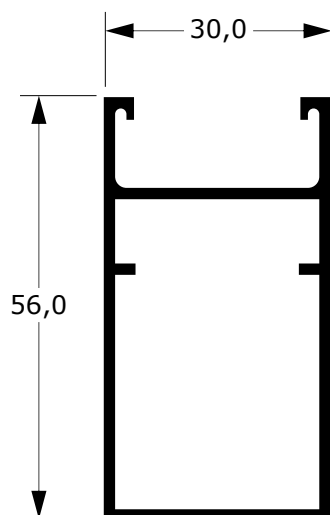
**A-210**

0,584 Kg/m

**Y-718**

0,522 Kg/m

**A-026**0,750 Kg/m
(30-009)**P-281A**0,726 Kg/m
(30-011)**A-054**0,746 Kg/m
(30-010)**P-282 A**0,726 Kg/m
(30-012)**Y-110**0,635 Kg/m
(30-007)**P-068A**0,604 Kg/m
(30-008)

**A-041A**

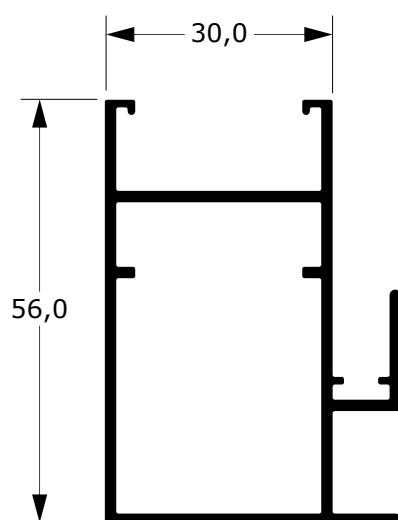
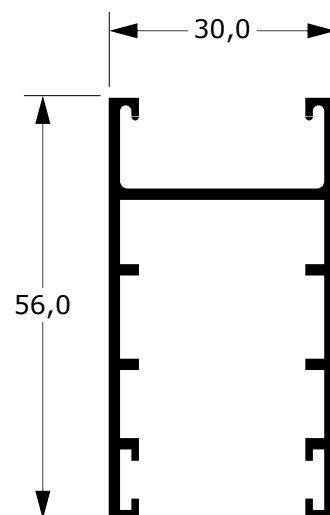
0,626 Kg/m

(30-014)

Y-168

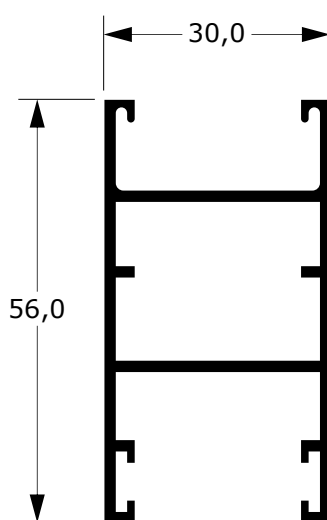
0,690 Kg/m

(30-013)

**A-211**

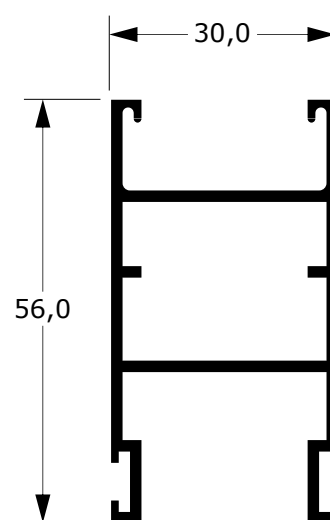
0,853 Kg/m

(30-259)

**A-090**

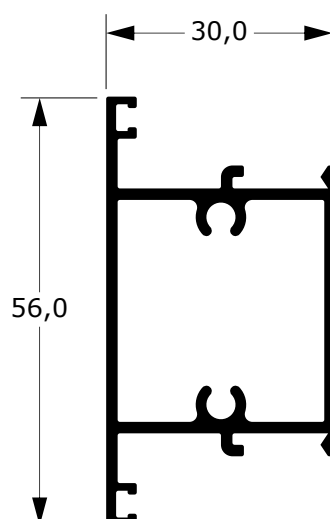
0,782 Kg/m

(30-015)

**A-212**

0,761 Kg/m

(30-272)

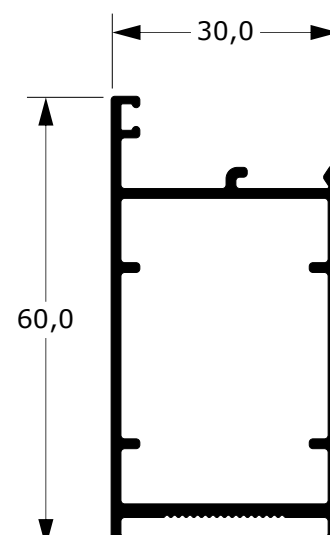
**P-078**

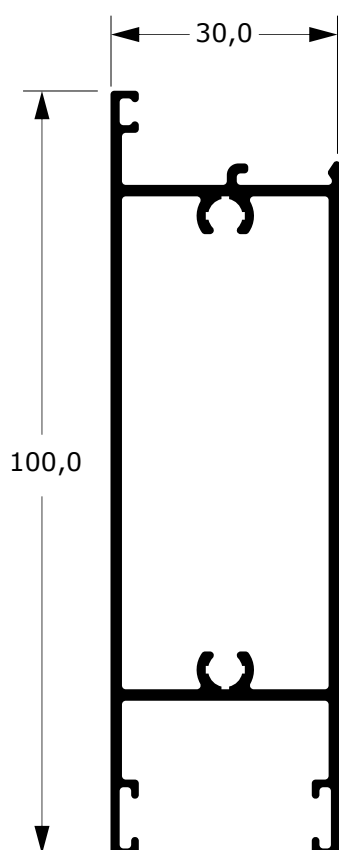
0,752 Kg/m

P-270A

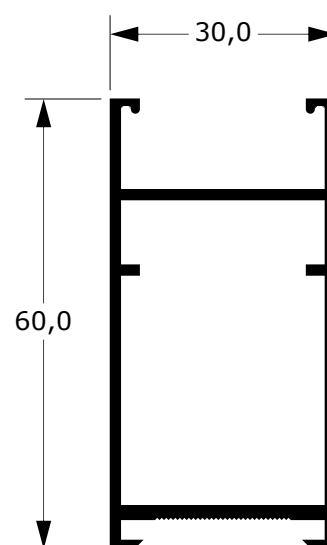
0,688 Kg/m

(30-026)

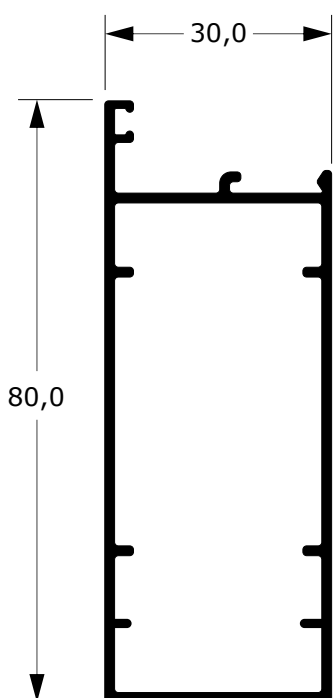




A-081A
1,135 Kg/m
(30-028)

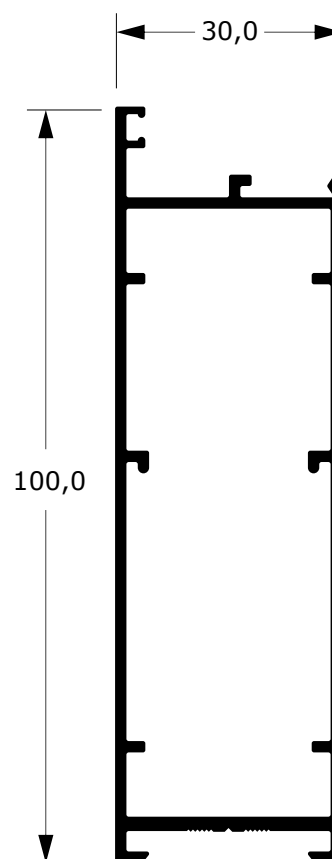


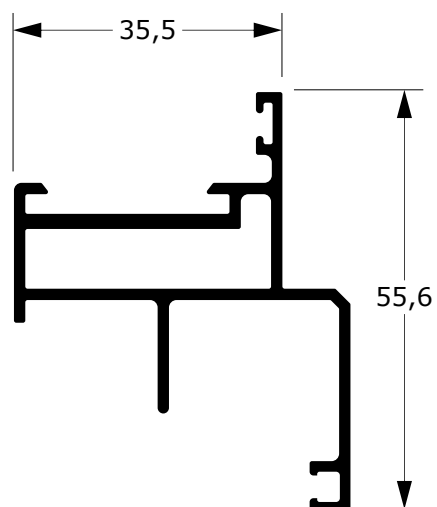
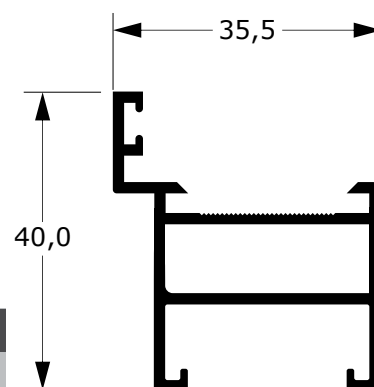
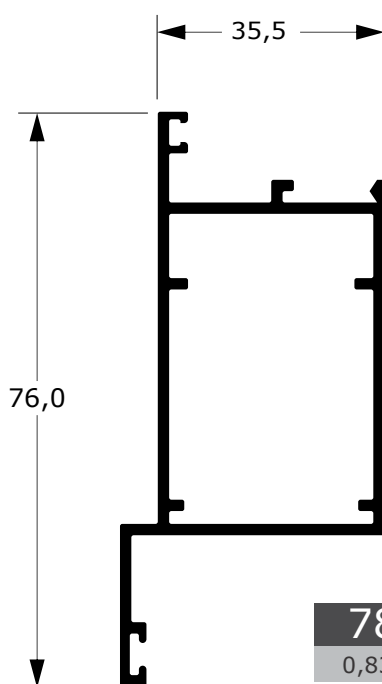
A-144A
0,697 Kg/m
(30-077)



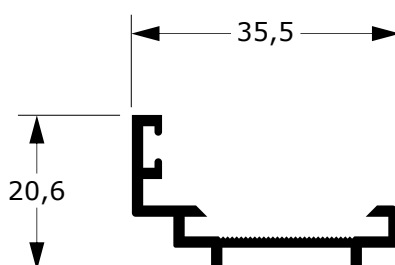
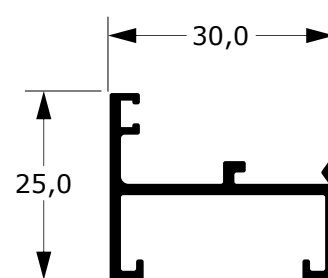
P-264
1,156 Kg/m
(30-082)

P-358 A
0,807 Kg/m

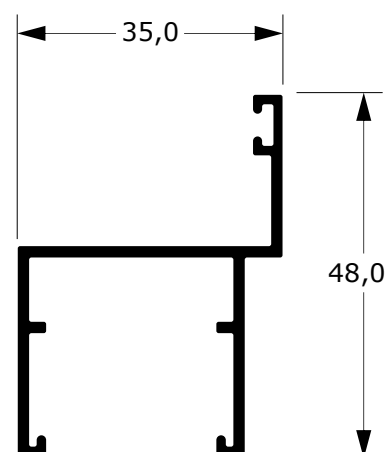


**P-272**0,780 Kg/m
(30-027)**P-273A**0,538 Kg/m
(30-023)**78-723**

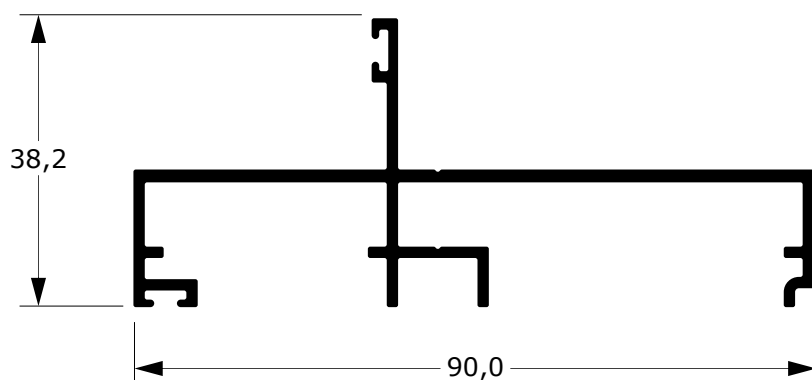
0,830 Kg/m

**L-519**0,291 Kg/m
(30-034)**Y-113**

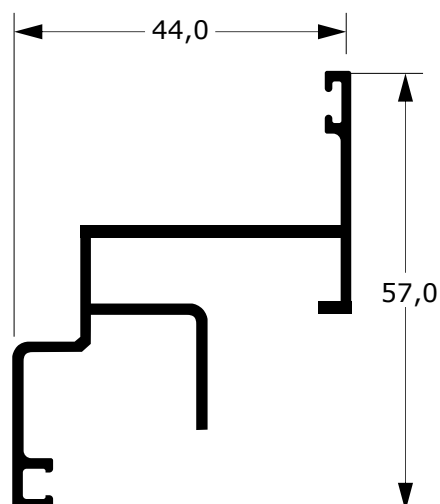
0,343 Kg/m

**Y-346**

0,504 Kg/m

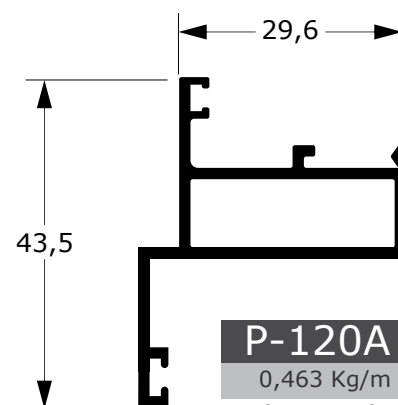
**39-837**

0,873 Kg/m

**Y-214**

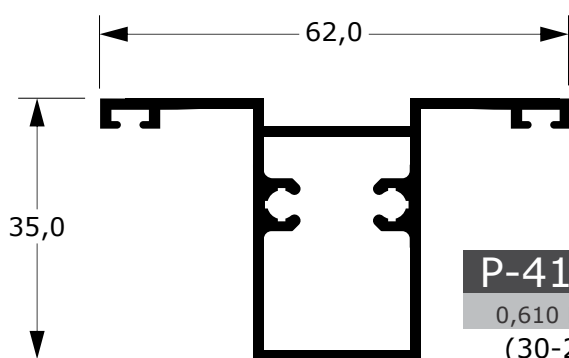
0,606 Kg/m

(30-048)

**P-120A**

0,463 Kg/m

(30-049)

**P-419 A**

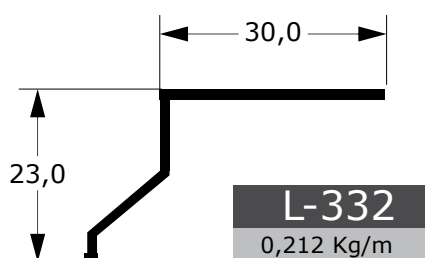
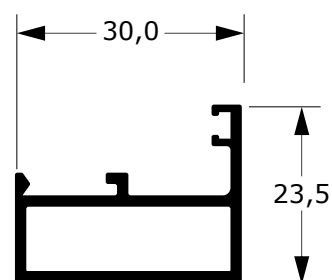
0,610 Kg/m

(30-235)

P-064 A

0,332 Kg/m

(30-051)

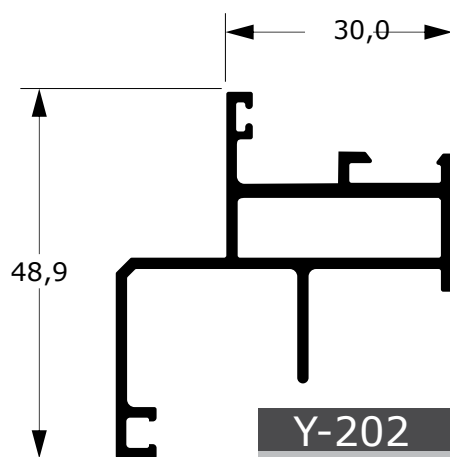
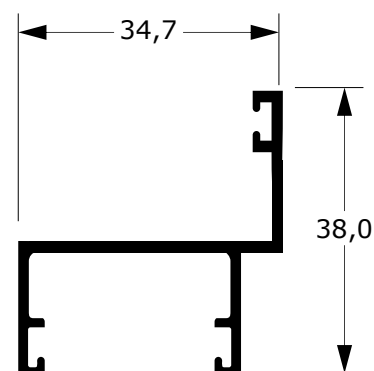
**L-332**

0,212 Kg/m

Y-140 A

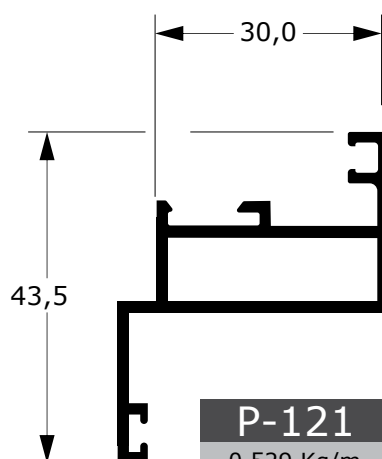
0,338 Kg/m

(30-054)

**Y-202**

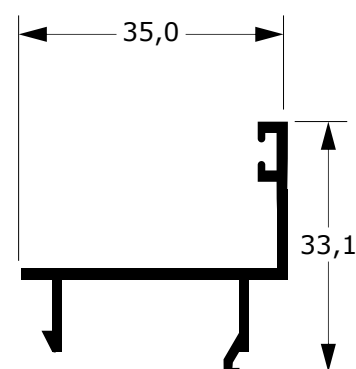
0,571 Kg/m

(30-047)

**P-121**

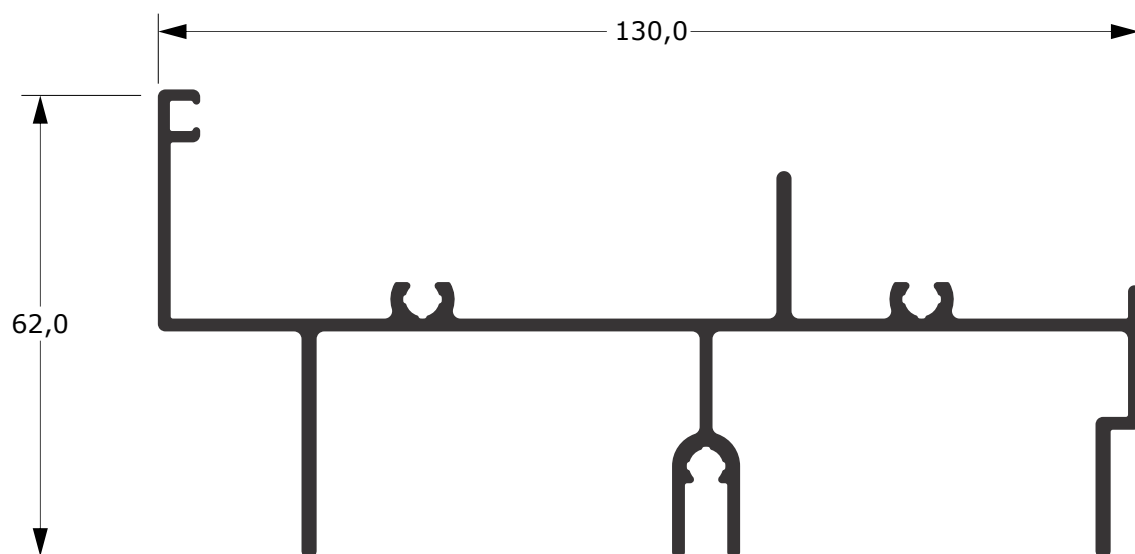
0,529 Kg/m

(30-050)

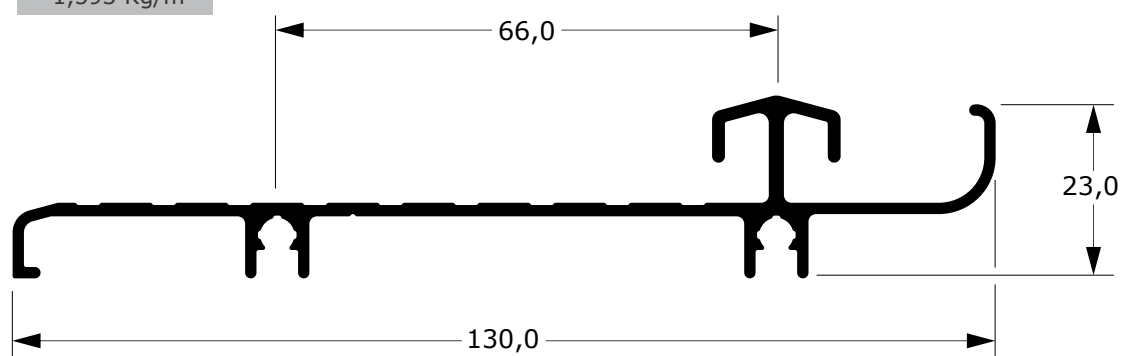
**Y-148**

0,336 Kg/m

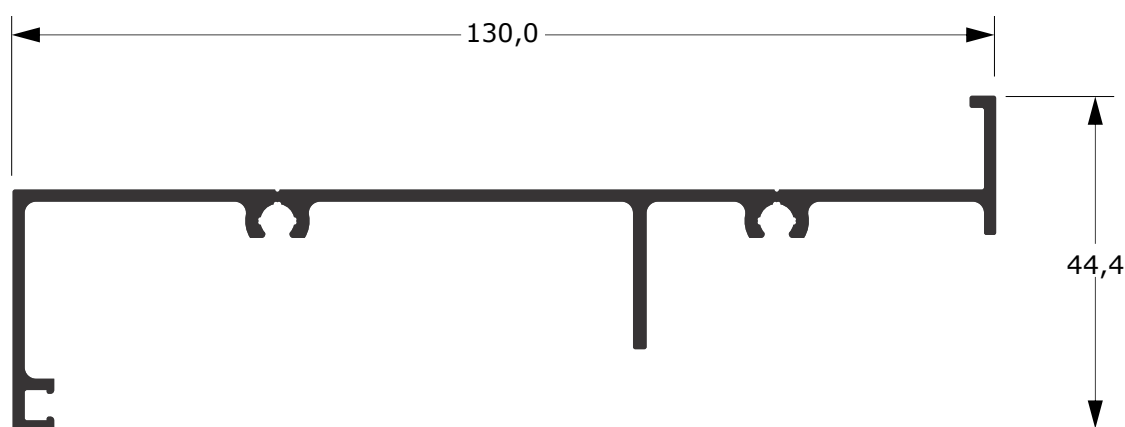
(30-056)

**42-040**

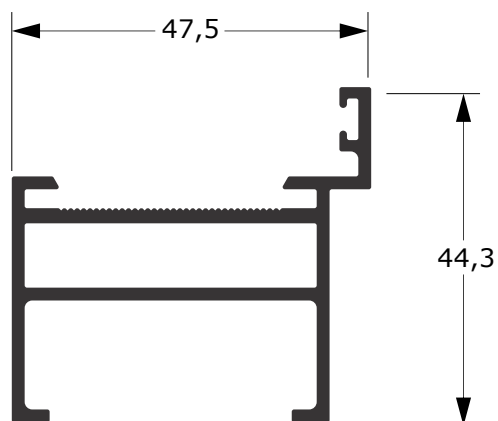
1,593 Kg/m

**42-002**

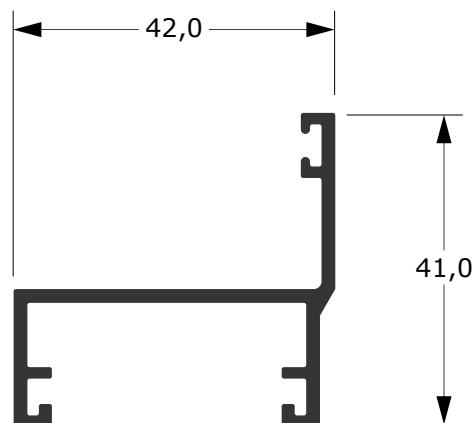
1,040 Kg/m

**Z-186**

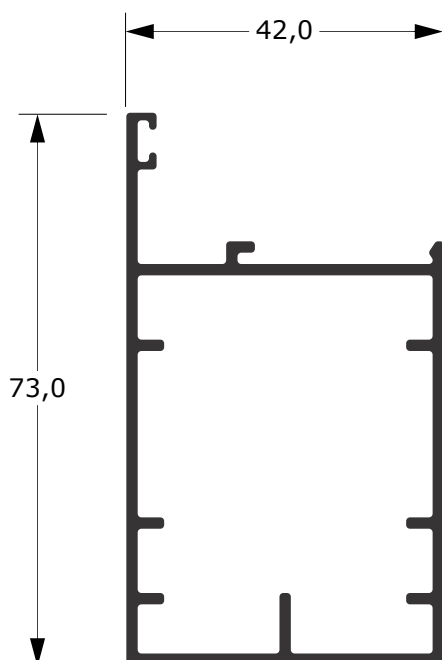
1,038 Kg/m

**P-280**

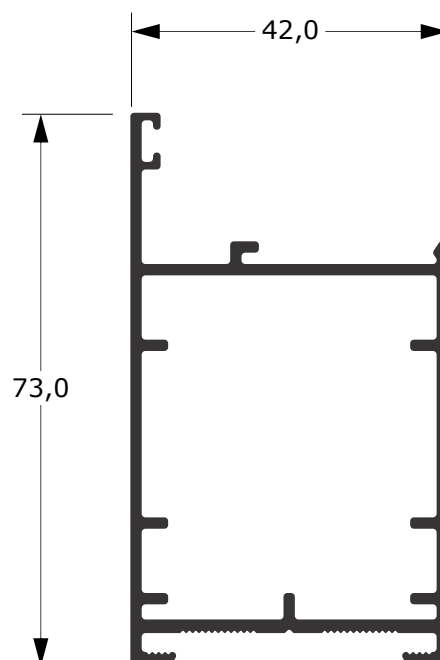
0,855 Kg/m

**Y-181**

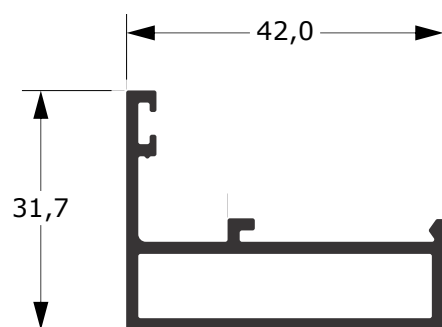
0,570 Kg/m

**78-1082 C**

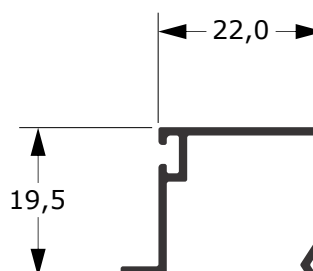
1,002 Kg/m

**78-1083 C**

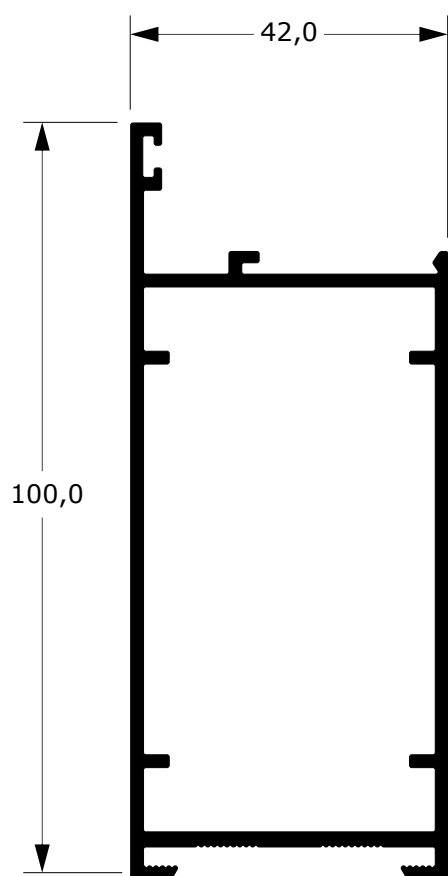
1,044 Kg/m

**P-253**

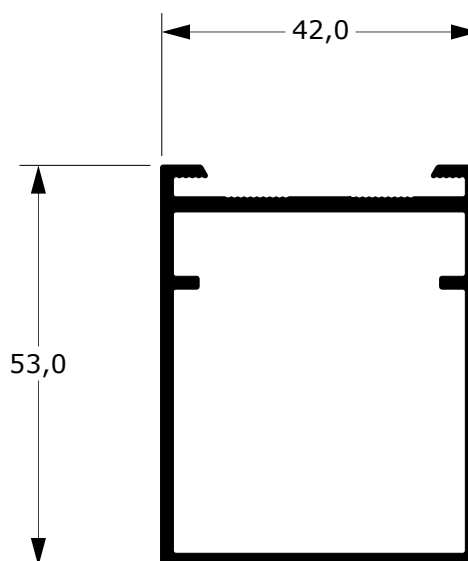
0,587 Kg/m

**U-1076**

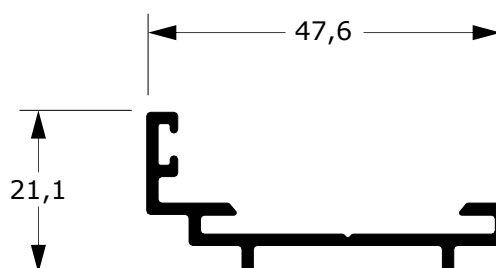
0,209 Kg/m

**P-268A**

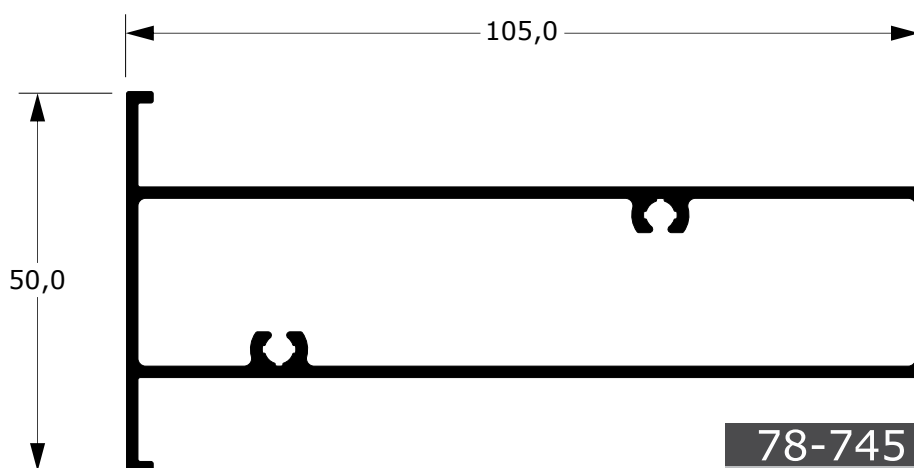
1,373 Kg/m

**42-999**

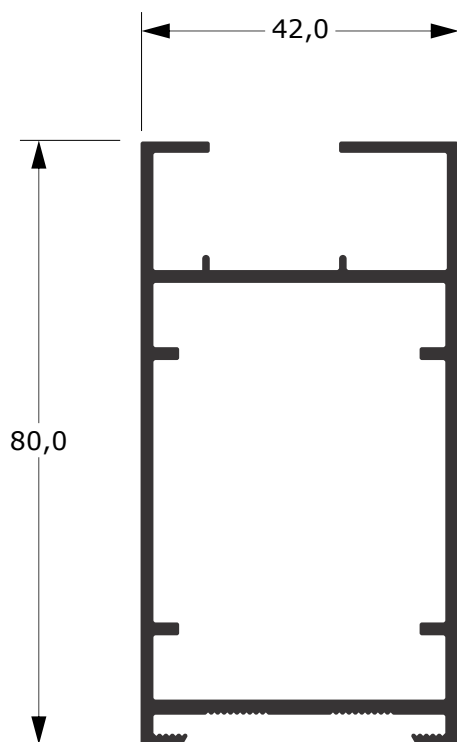
0,985 Kg/m

**42-014**

0,369 Kg/m

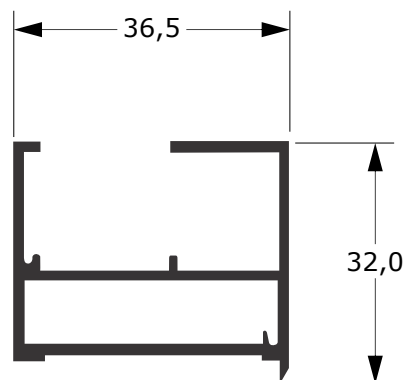
**78-745**

1,256 Kg/m



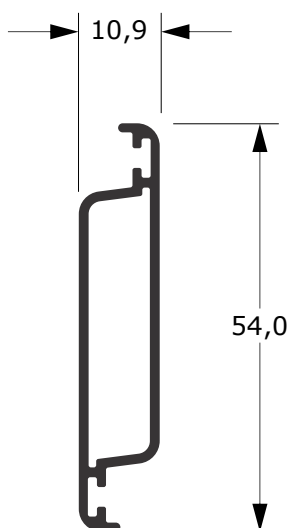
78-572

1,307 Kg/m



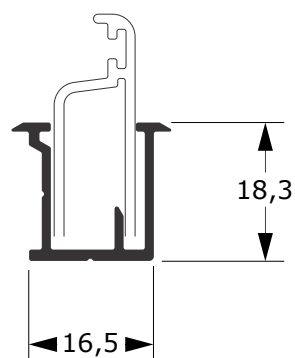
78-519

0,608 Kg/m



78-518

0,400 Kg/m



39-588

0,217 Kg/m

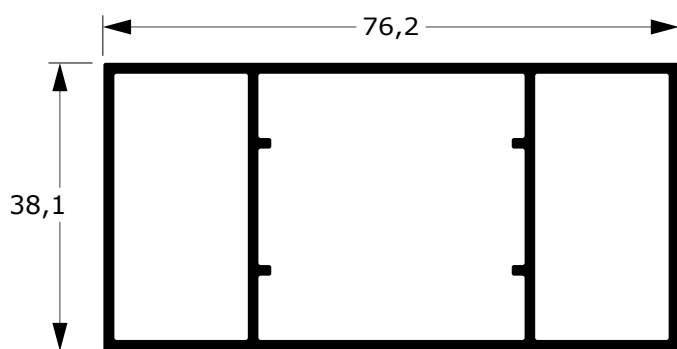
PORTÕES

LAMBRIS

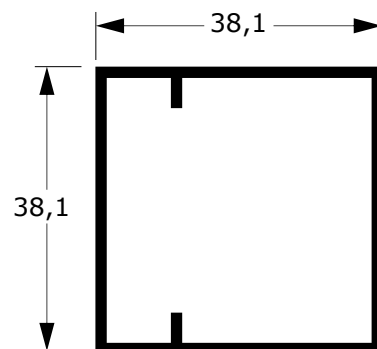
BRISES

GUARDA CORPOS

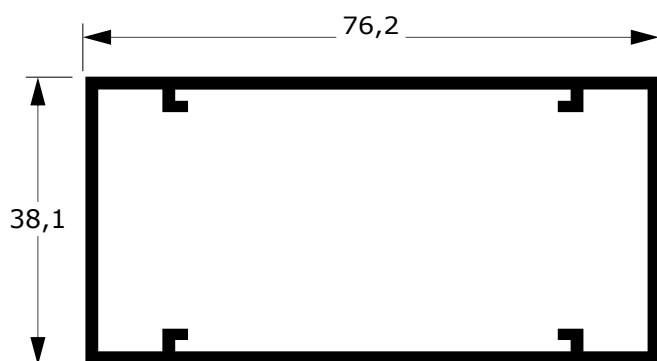
This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

**79-007C**

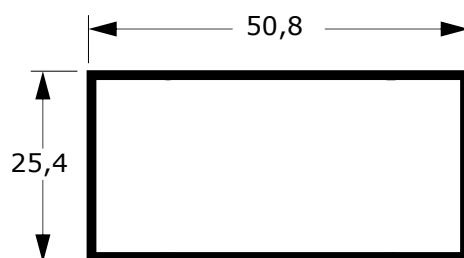
1,168 Kg/m

**D-102**

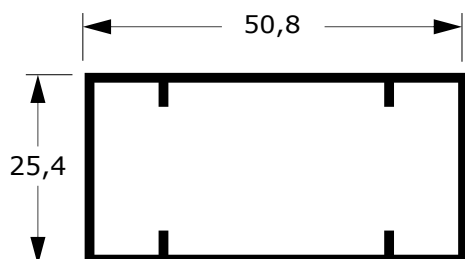
0,625 Kg/m

**D-069**

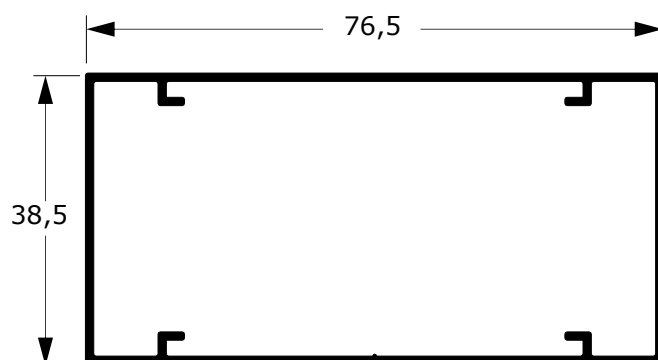
0,950 Kg/m (PC-003)

**74-001**

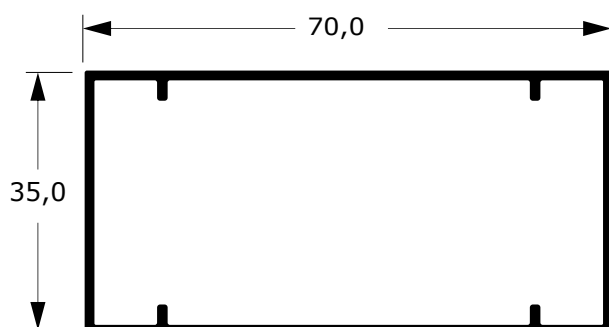
0,402 Kg/m

**D-079**

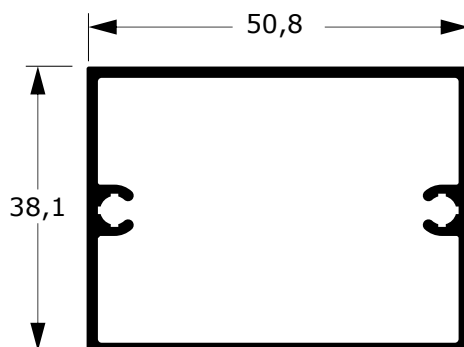
0,564 Kg/m (PC-002)

**78-2185 C**

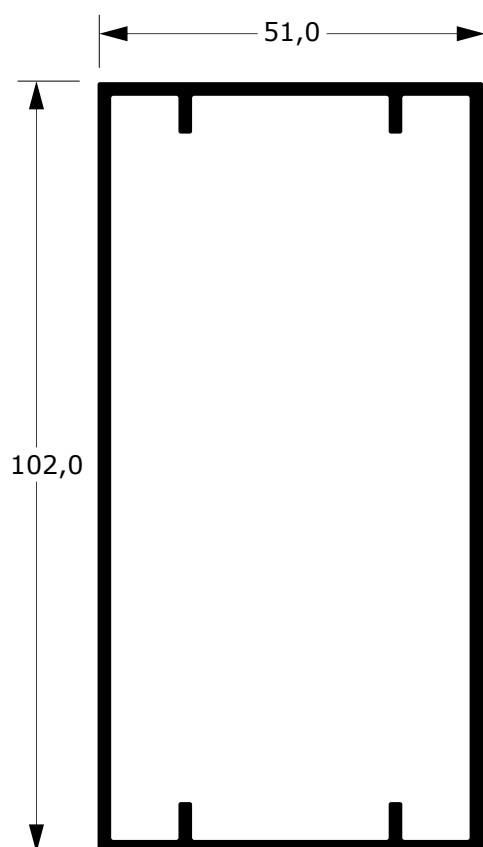
0,683 Kg/m

**74-029**

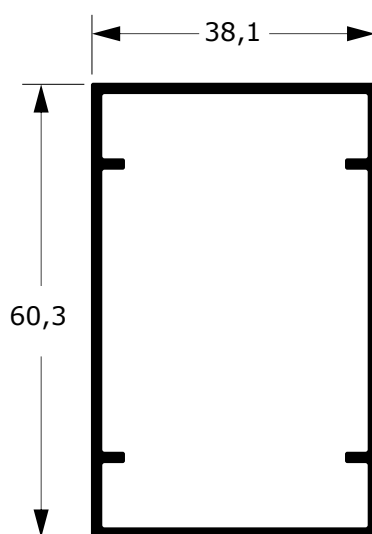
0,761 Kg/m

**D-103**

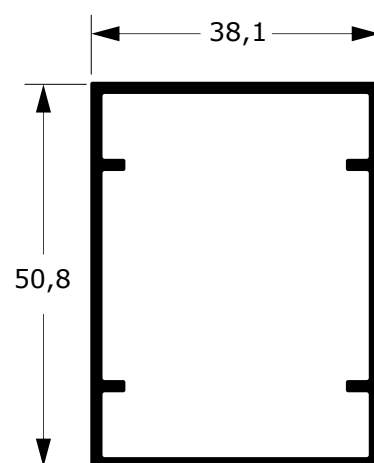
(CG-104) 0,786 Kg/m

**78-719**

1,555 Kg/m

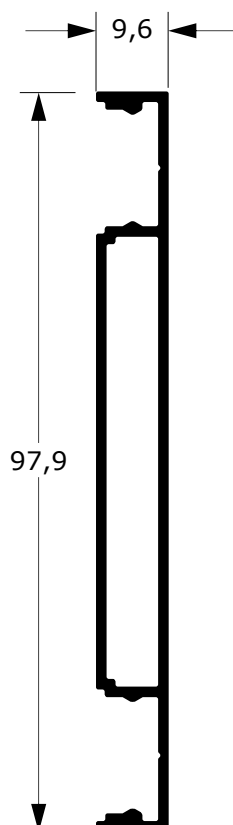
**78-001**

0,824 Kg/m

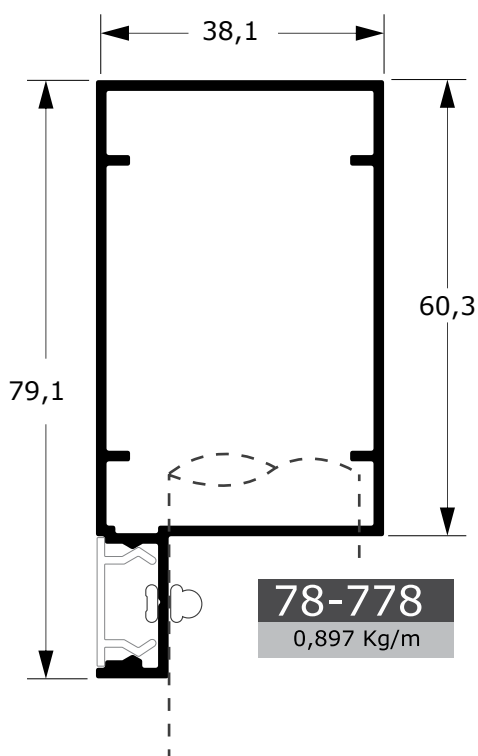
**D-078**

(PC-004)

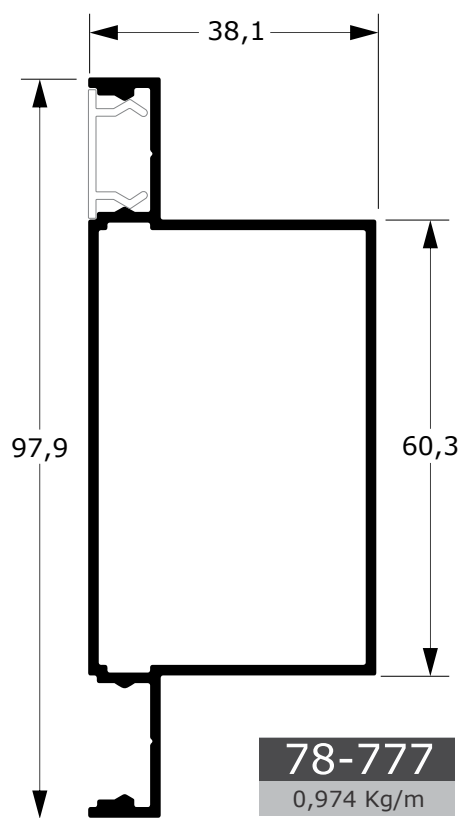
0,795 Kg/m

**78-1651C**

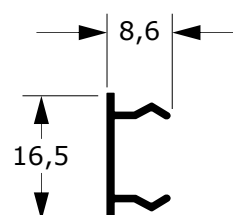
0,758 Kg/m

**78-778**

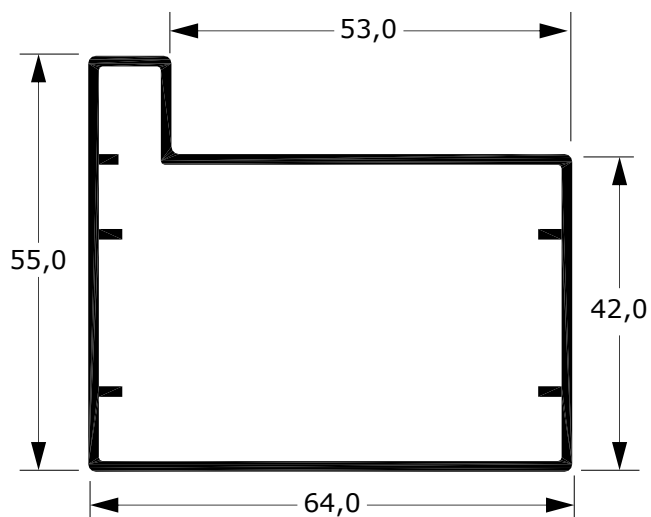
0,897 Kg/m

**78-777**

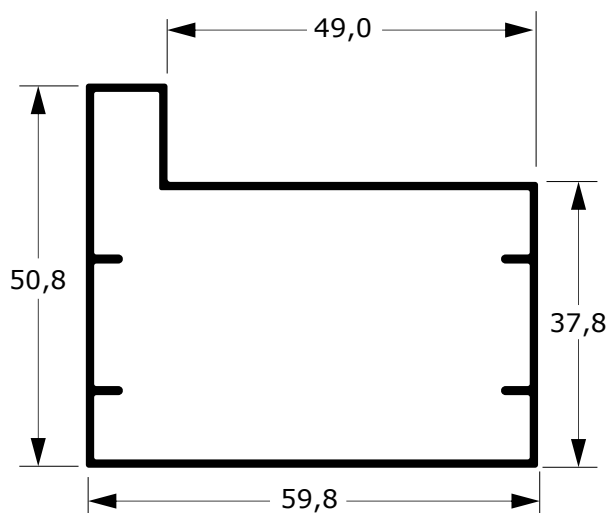
0,974 Kg/m

**39-1058**

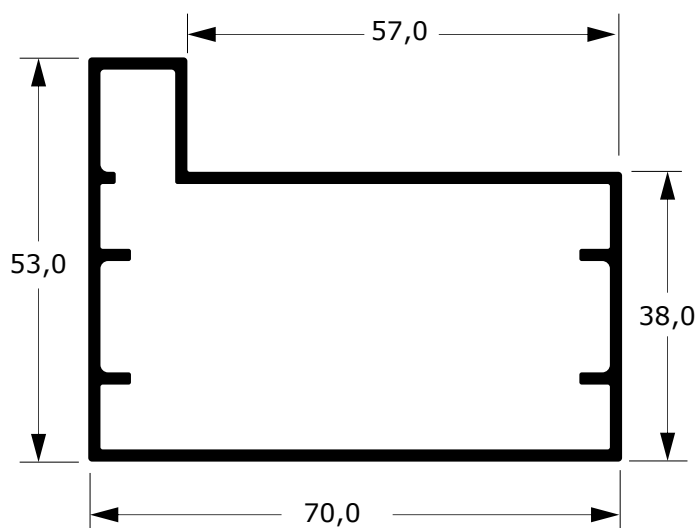
0,085 Kg/m

**78-137**

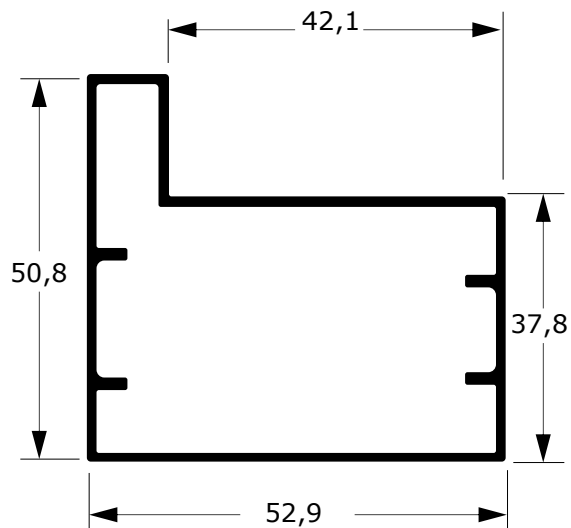
0,926 Kg/m

**78-947**

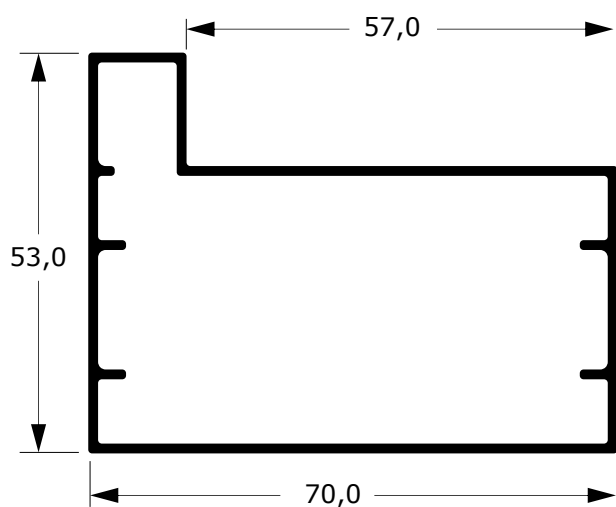
0,694 Kg/m

**78-484**

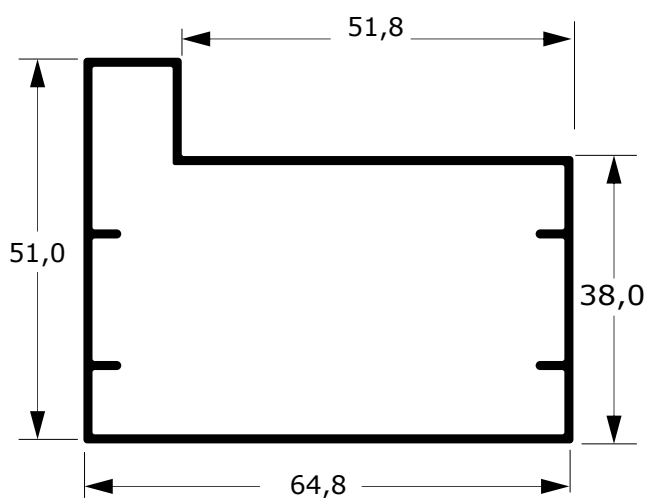
1,119 Kg/m (PC-010)

**78-1097 C**

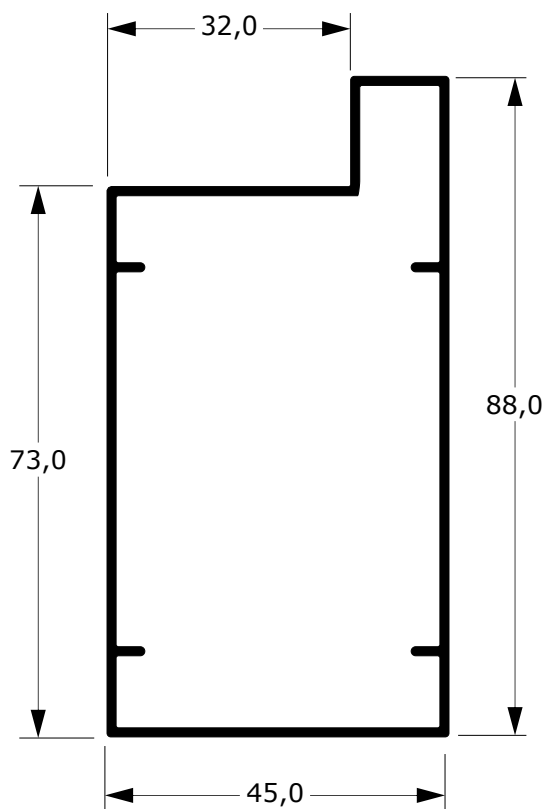
0,653 Kg/m

**78-1043D**

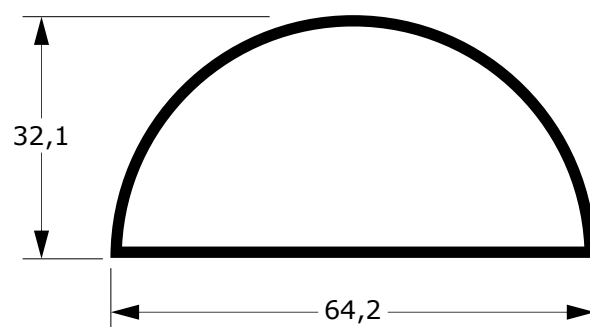
0,910 Kg/m

**78-889**

0,785 Kg/m

**78-140**

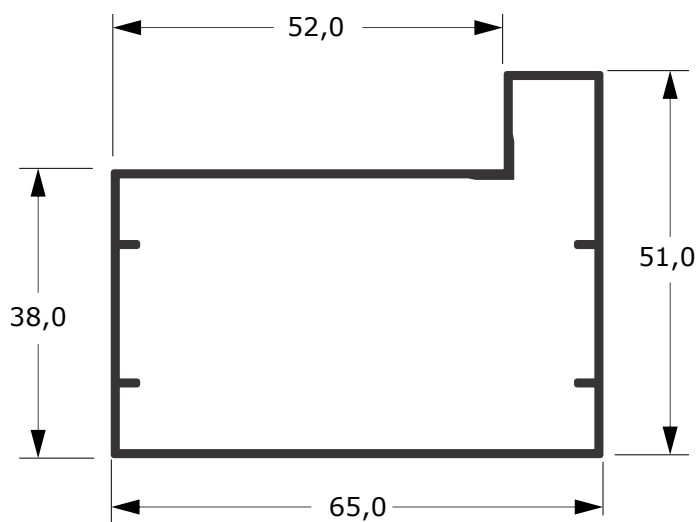
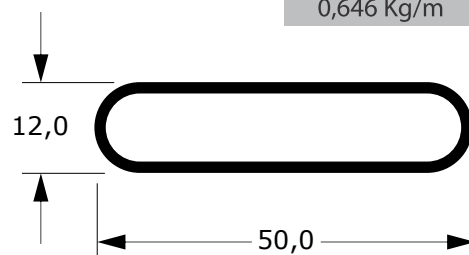
1,030 Kg/m

**78-081**

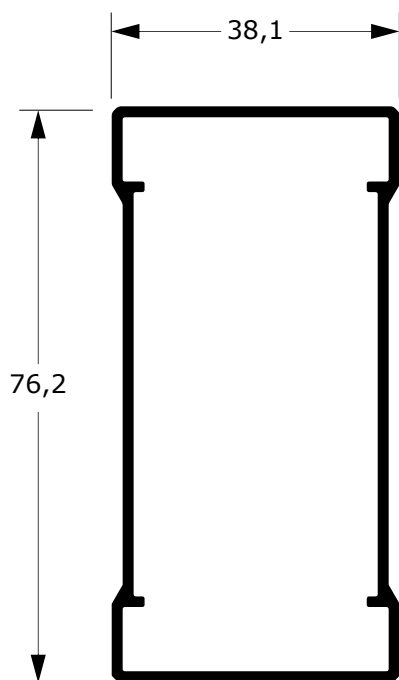
0,646 Kg/m

75-008

0,443 kg/m

**78-2186 C**

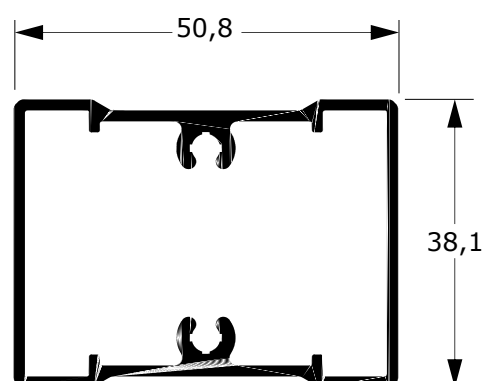
0,652 Kg/m

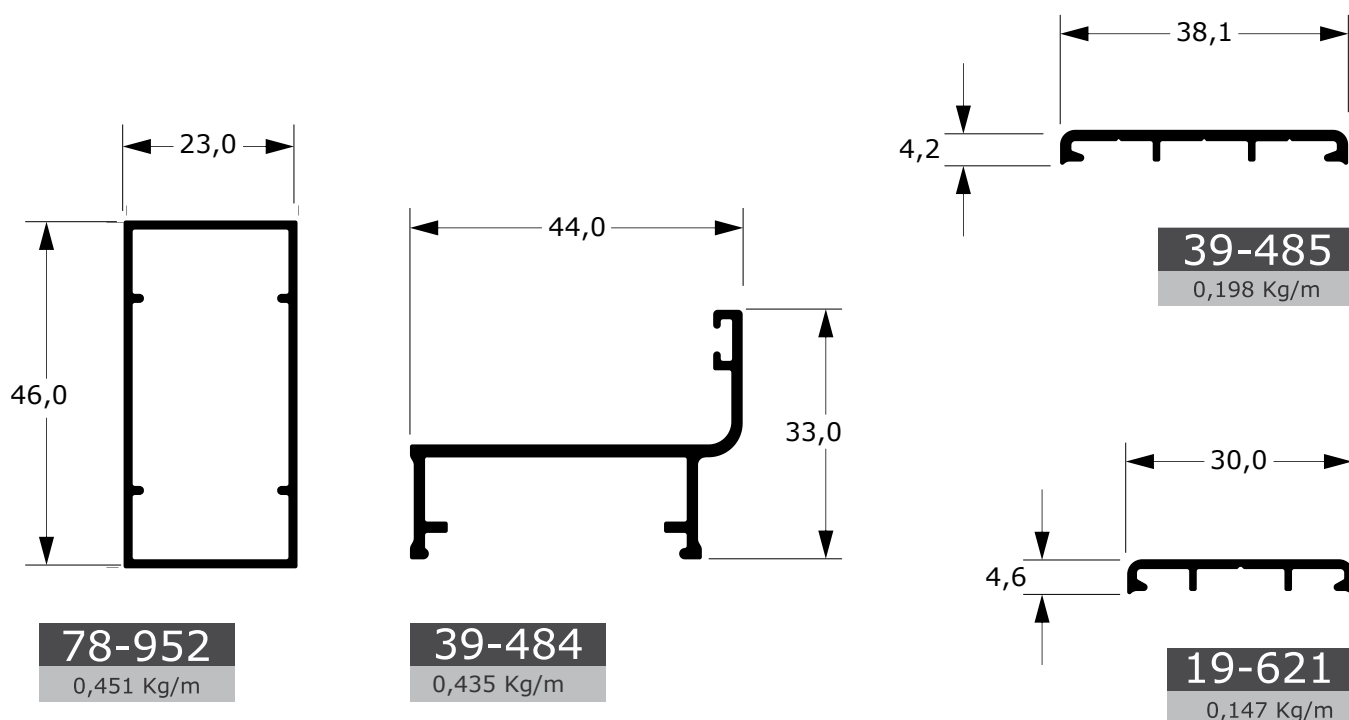
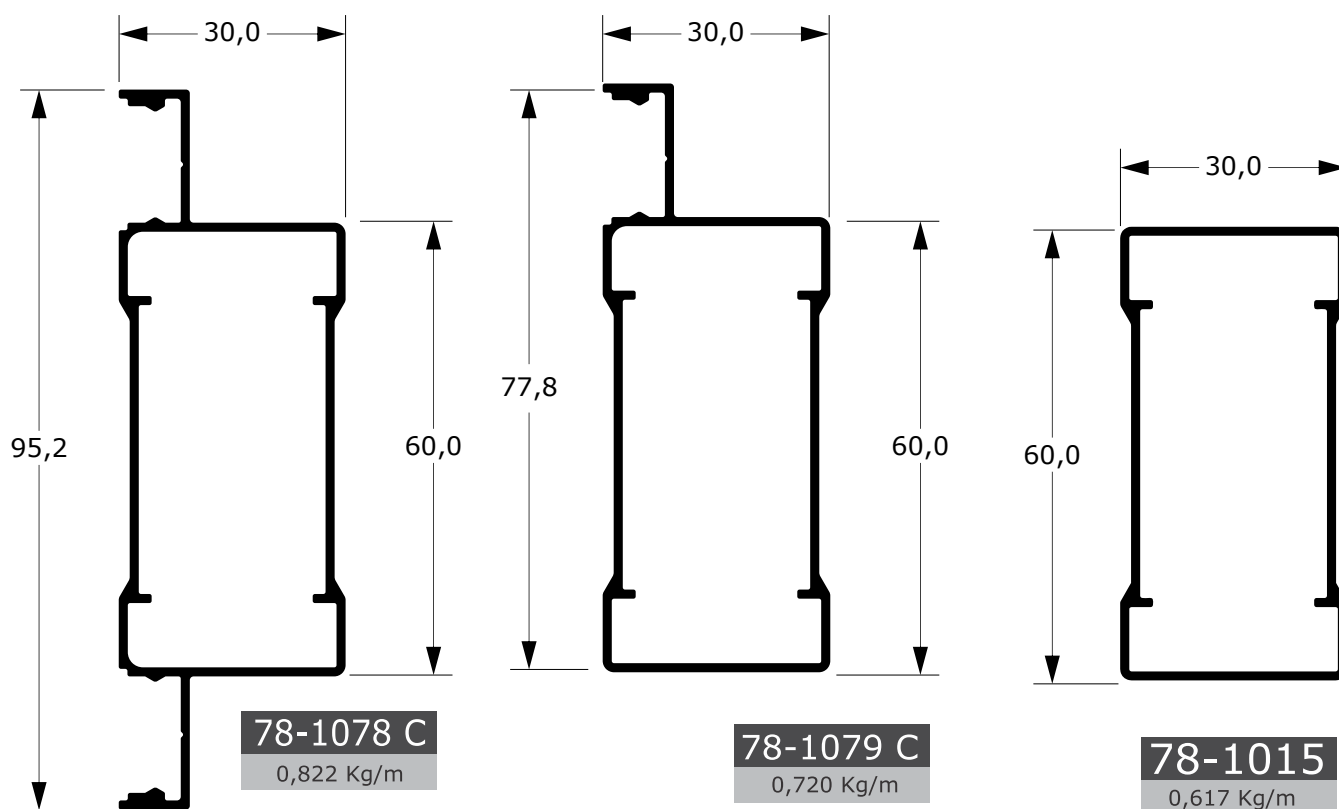
**78-383**

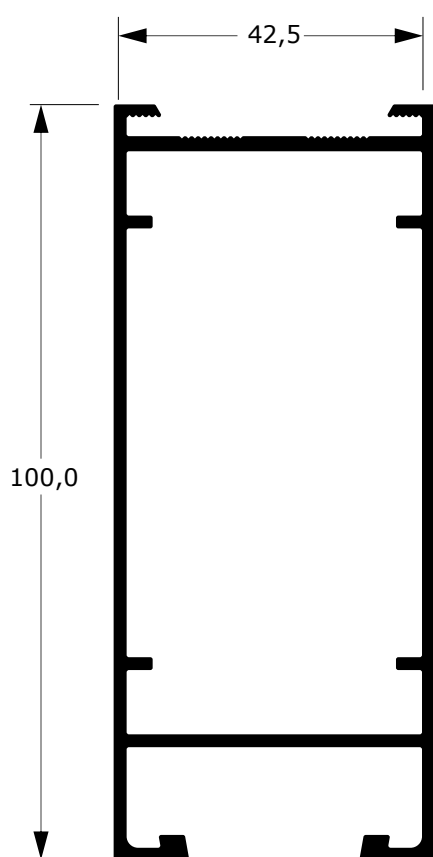
0,920 Kg/m

78-384

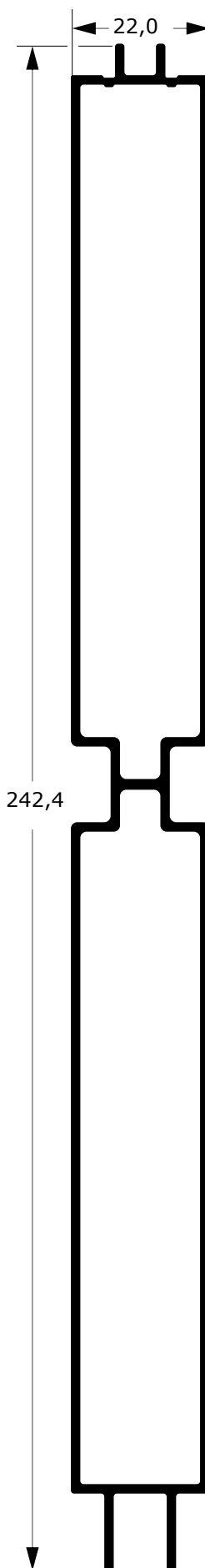
0,882 Kg/m



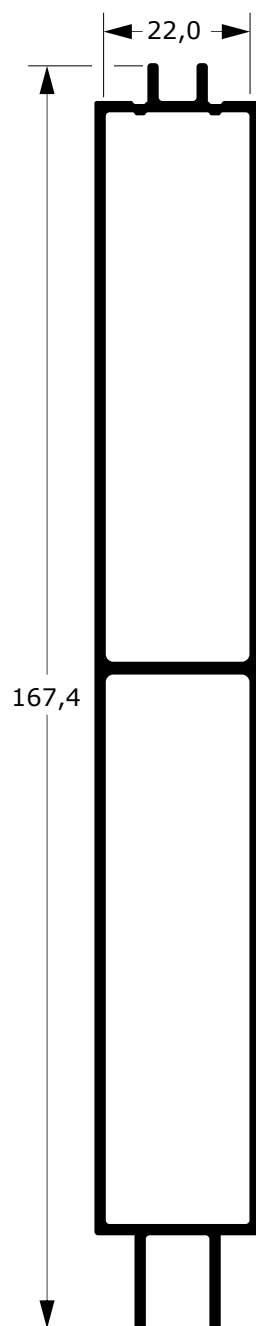




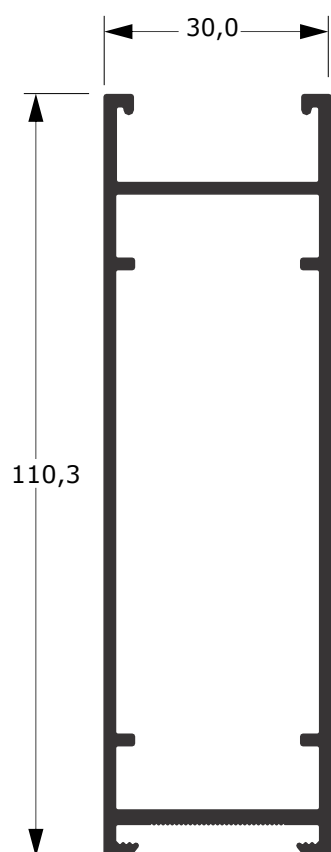
78-1730C
1,510 Kg/m



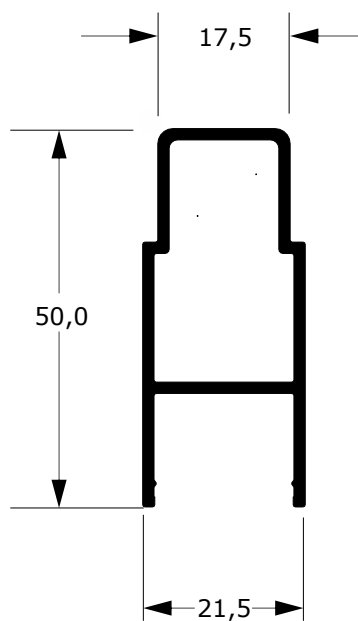
78-1841C
2,258 Kg/m



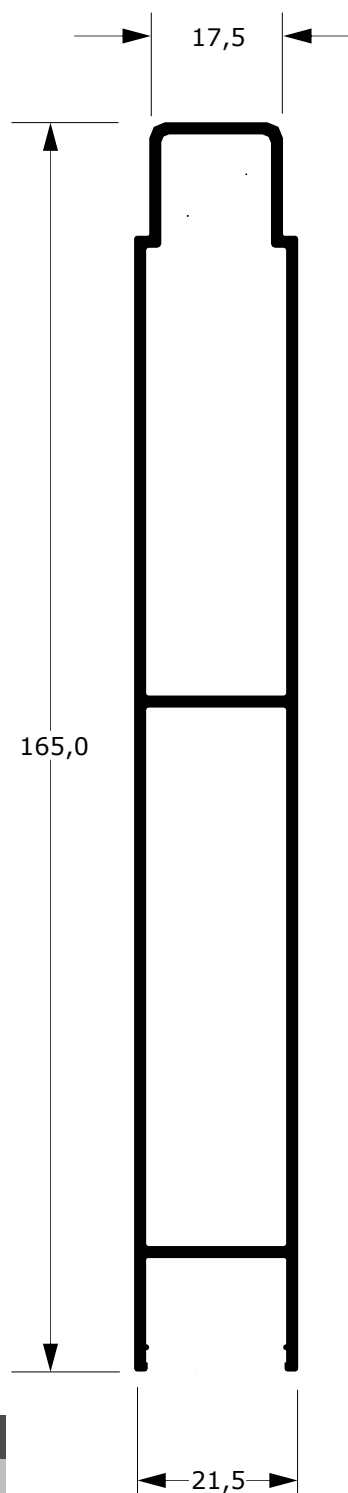
78-1740 D
1,604 Kg/m



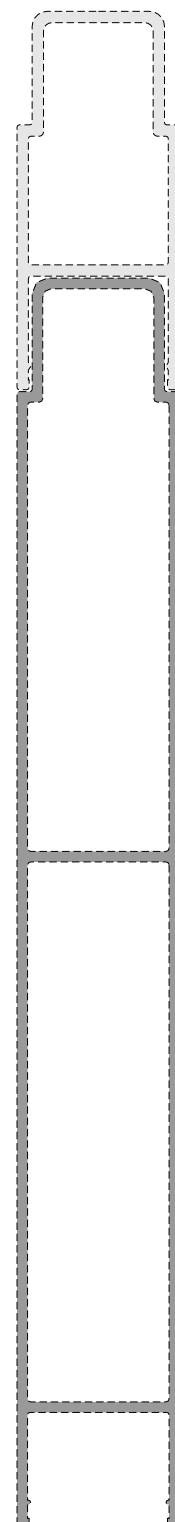
A-140
1,153 Kg/m

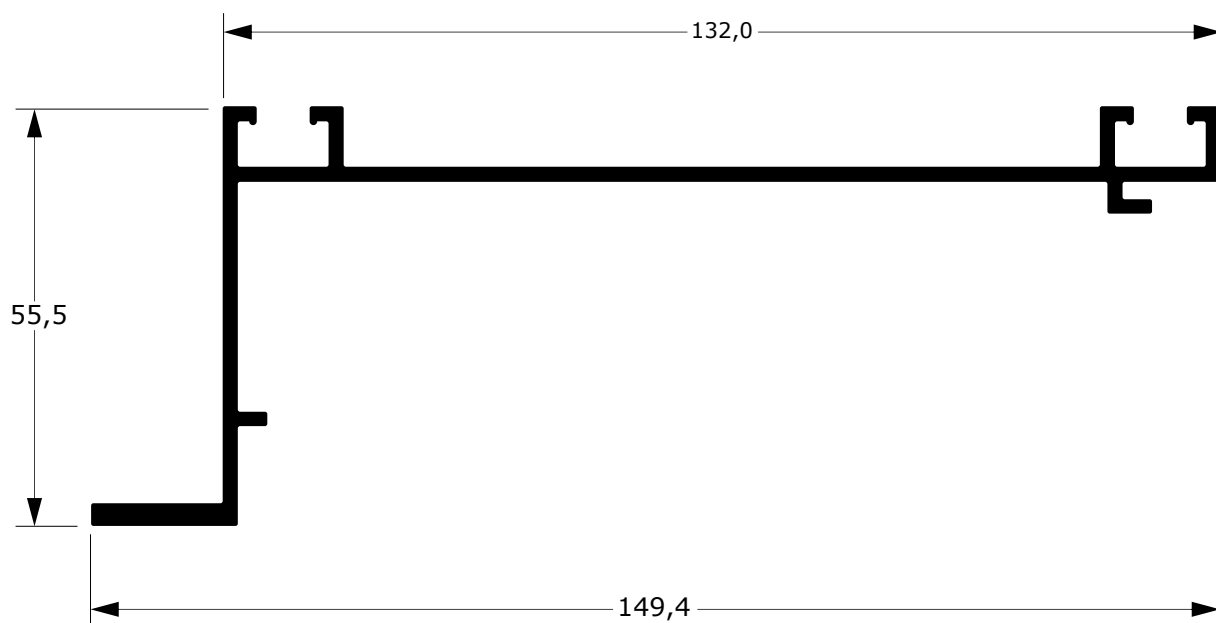


78-2226 C
0,555 Kg/m

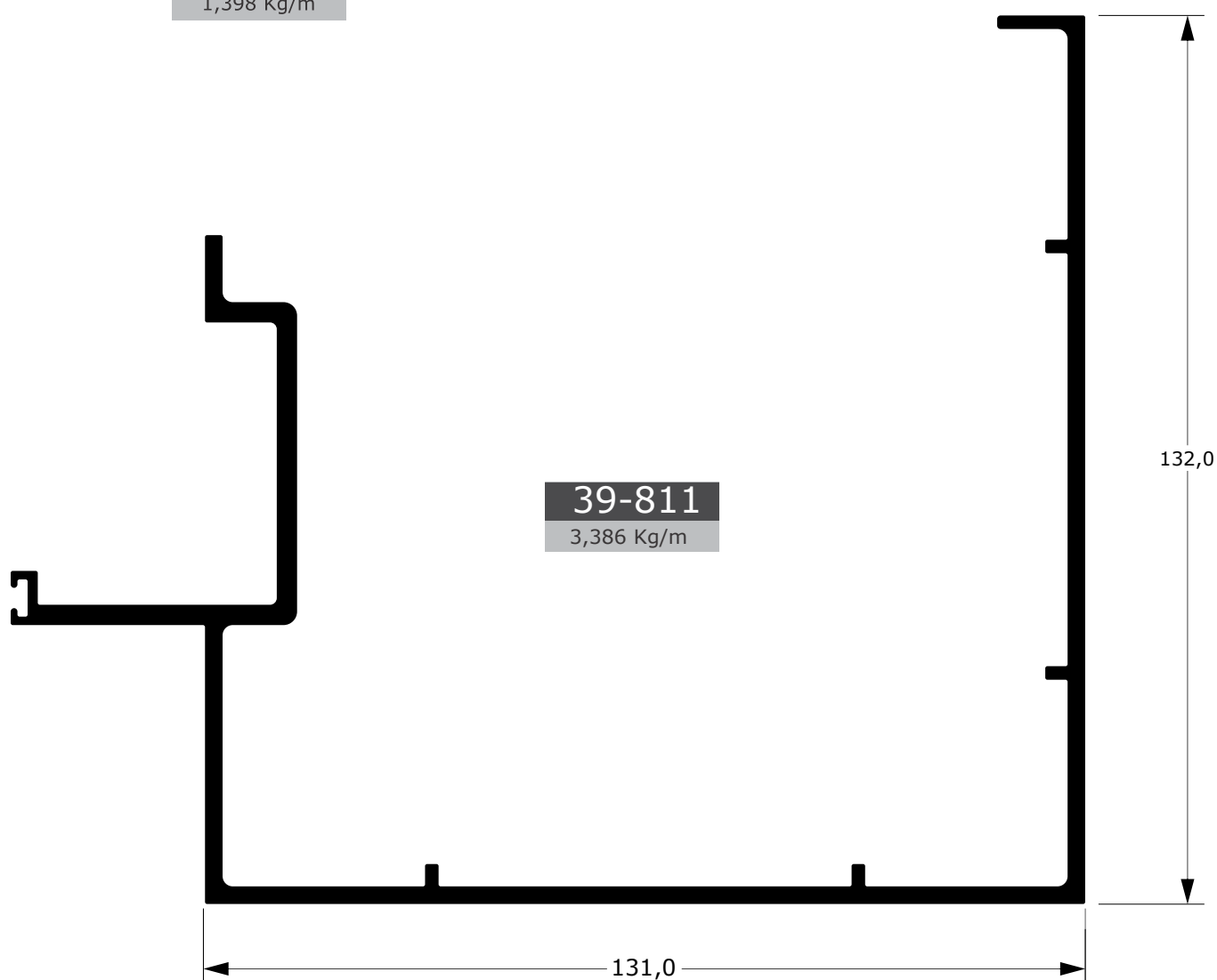


79-060 D
1,464 Kg/m

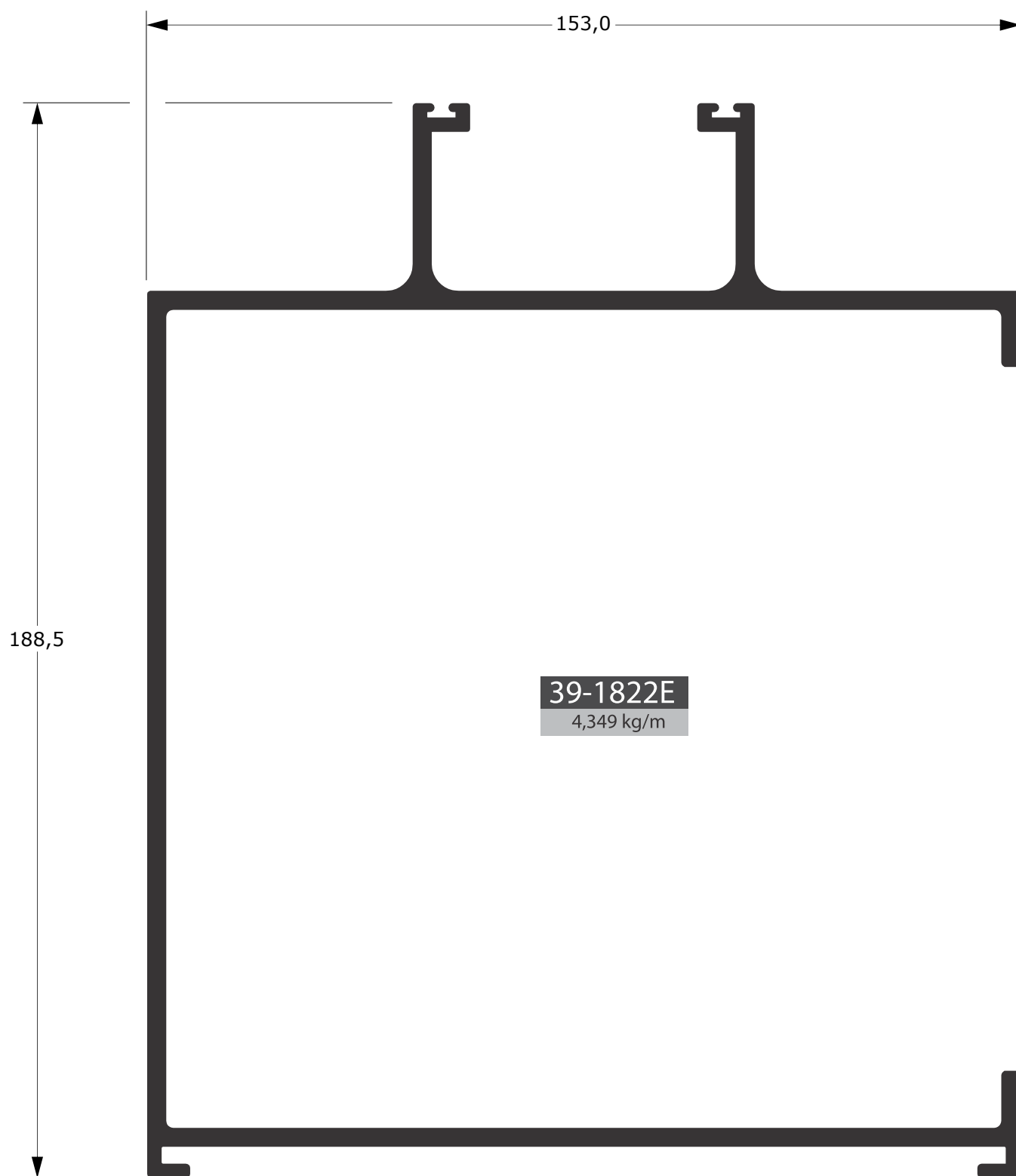


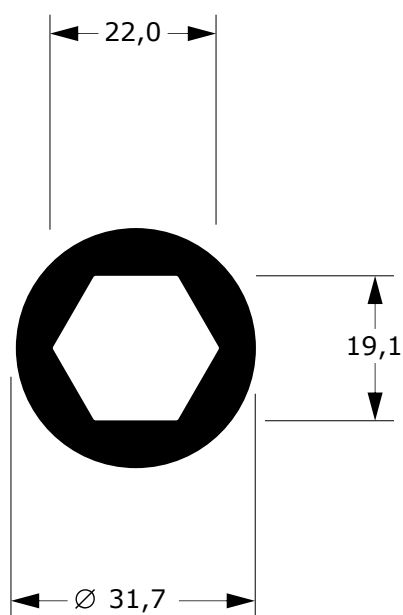
**29-160**

1,398 Kg/m

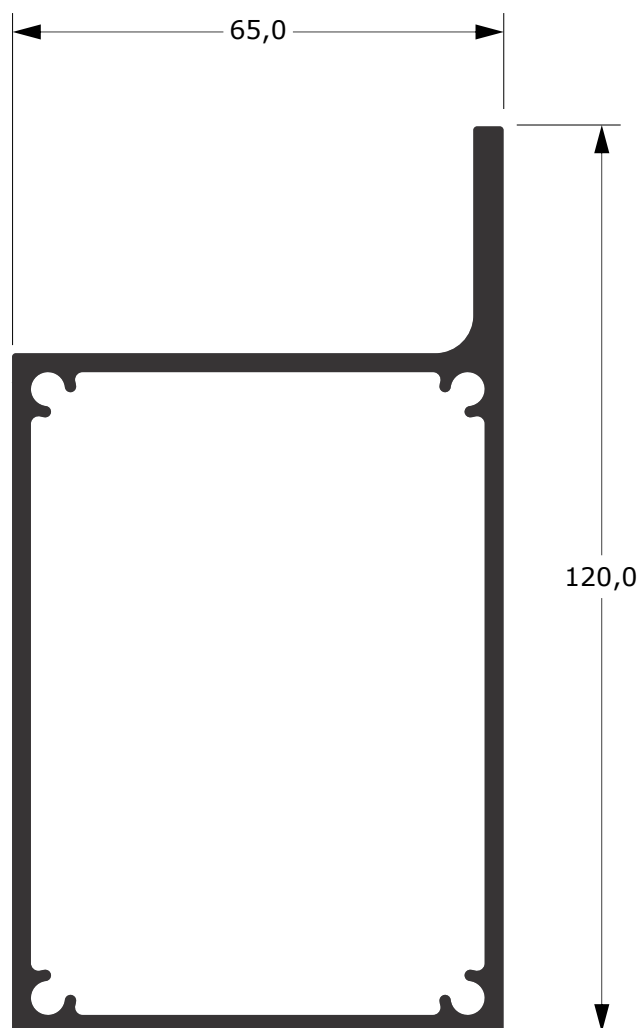
**39-811**

3,386 Kg/m

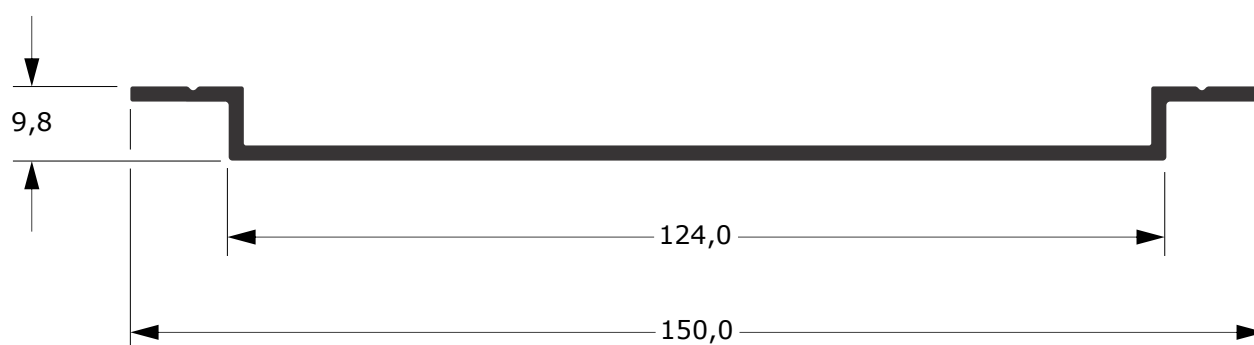




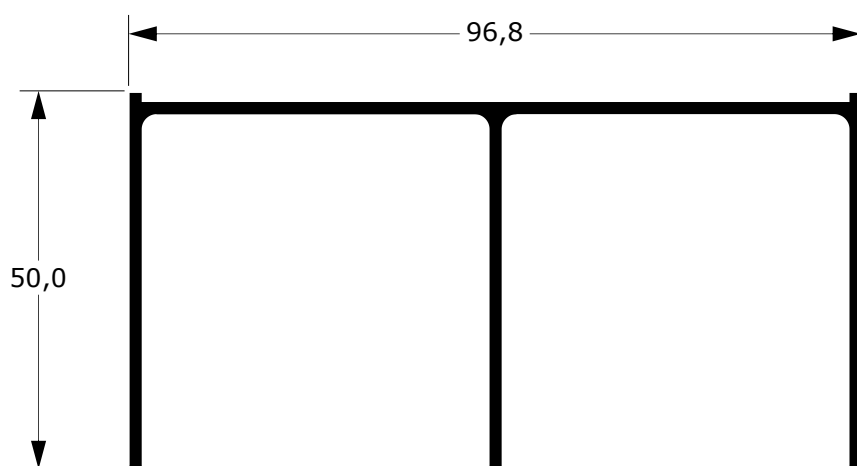
78-1962C
1,287 Kg/m



78-1653D
2,487 Kg/m



31-085C
0,894 Kg/m

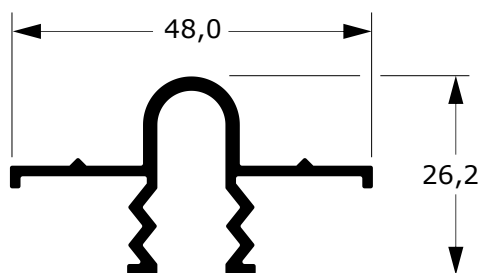
**E-363**

1,051 Kg/m

(PC-001)

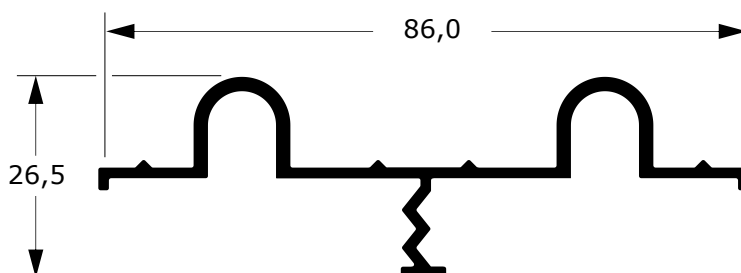
78-871

0,249 kg/m

**E-364**

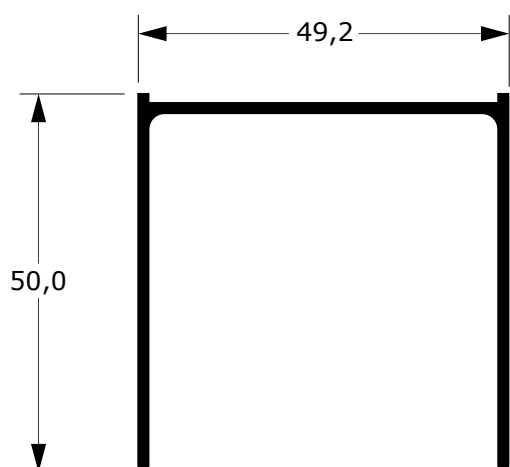
0,458 Kg/m

(PC-006)

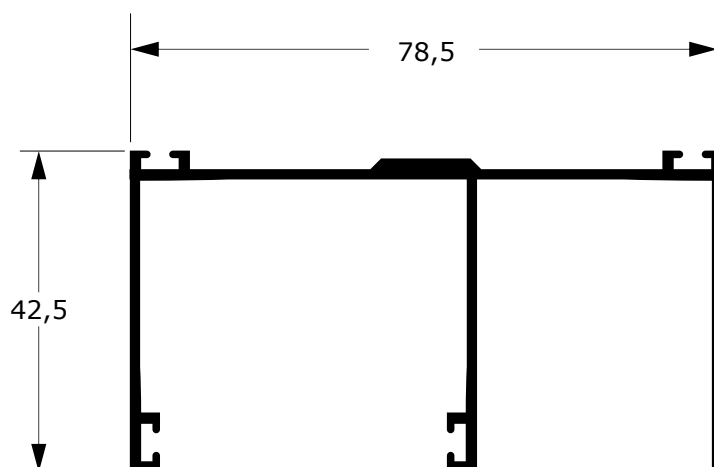
**E-365**

0,656 Kg/m

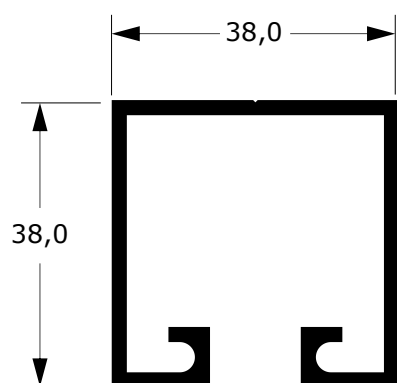
(PC-005)

**39-498**

0,636 Kg/m

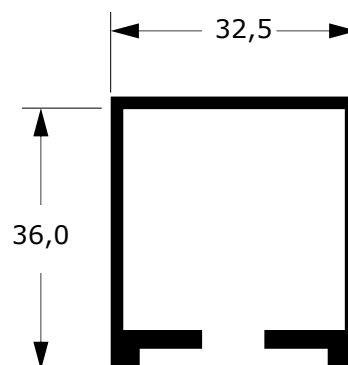
**39-318**

0,933 Kg/m

**U-990 A**

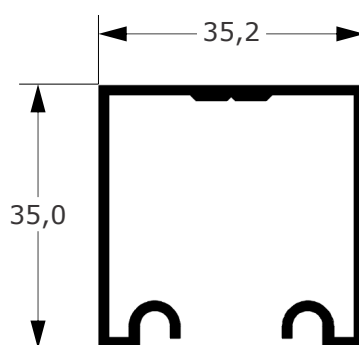
0,635 Kg/m

(DS-152)

**U-164**

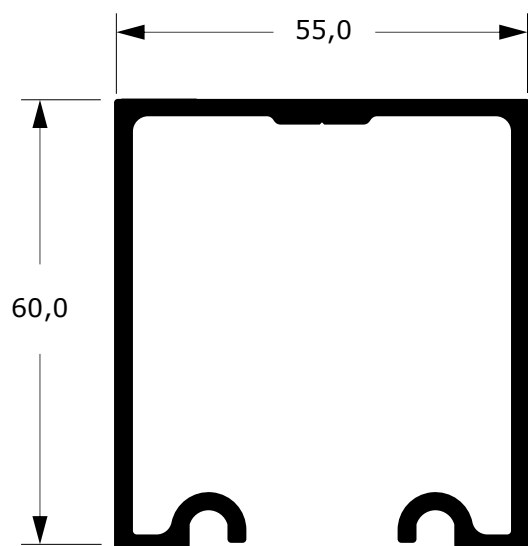
0,708 Kg/m

(DS-009)

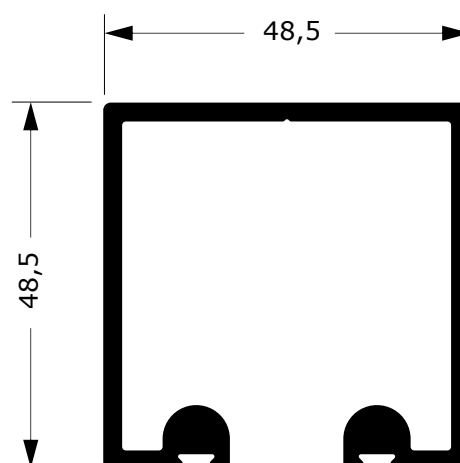
**U-1098**

0,494 Kg/m

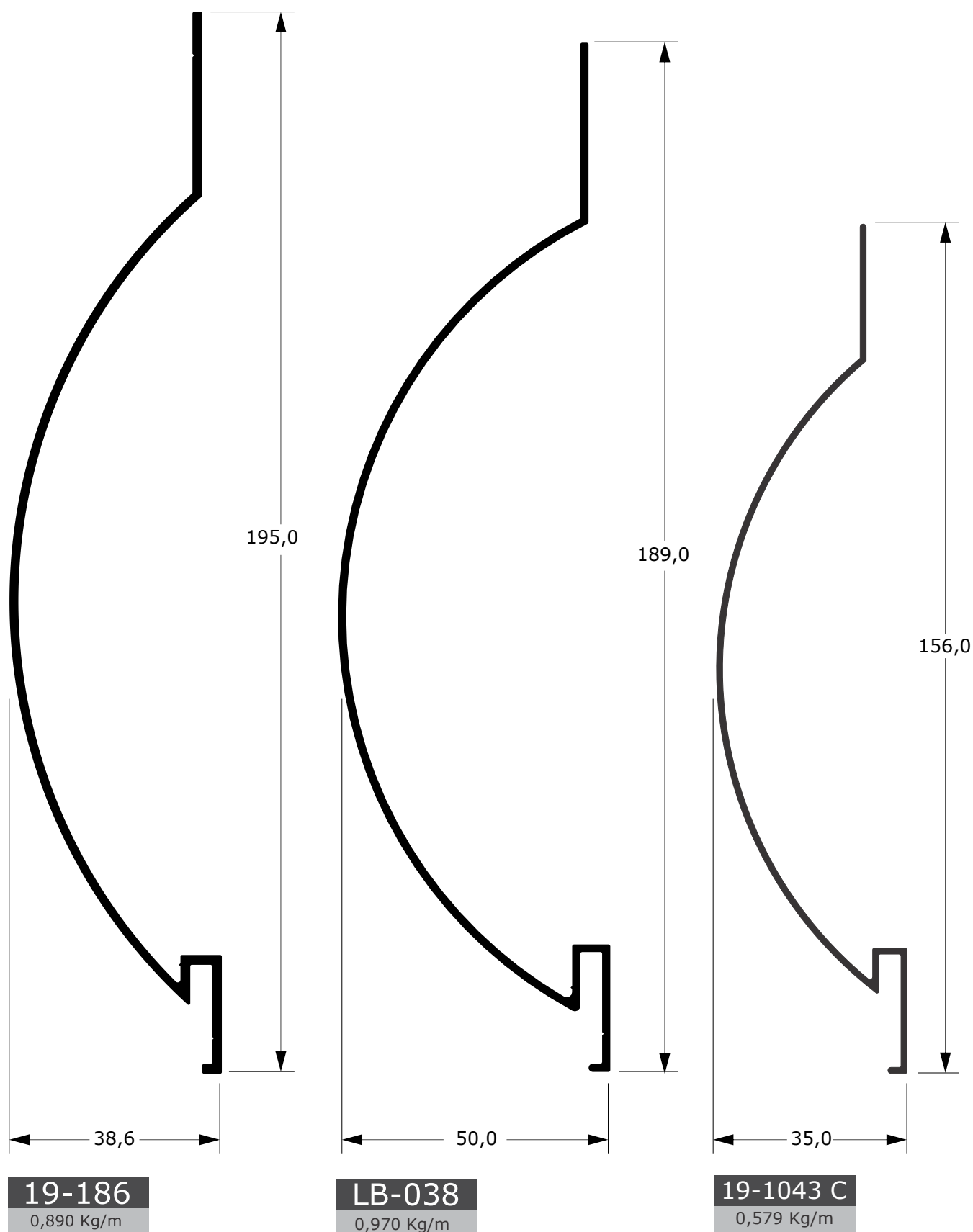
(DS-266)

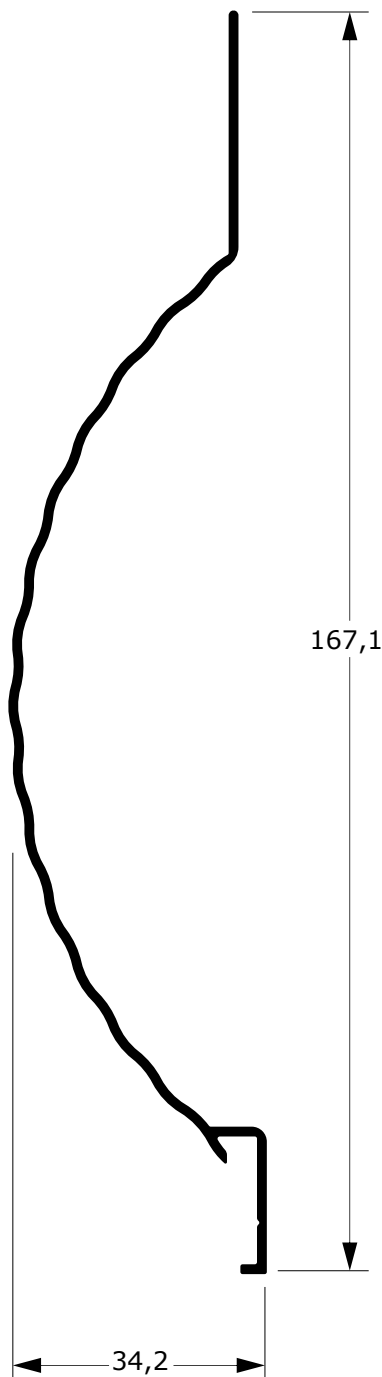
**U-1048**

1,463 Kg/m

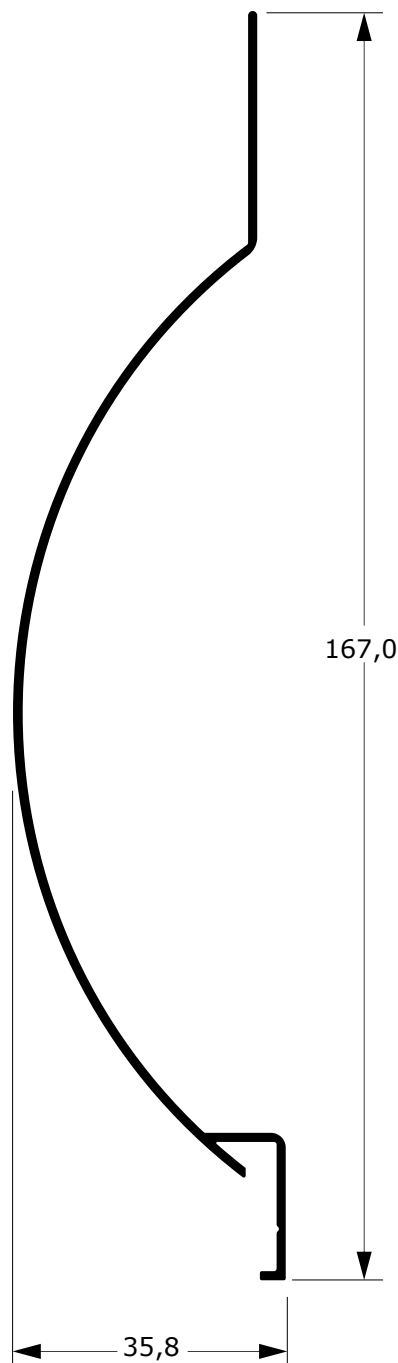
**65-241D**

1,316 Kg/m

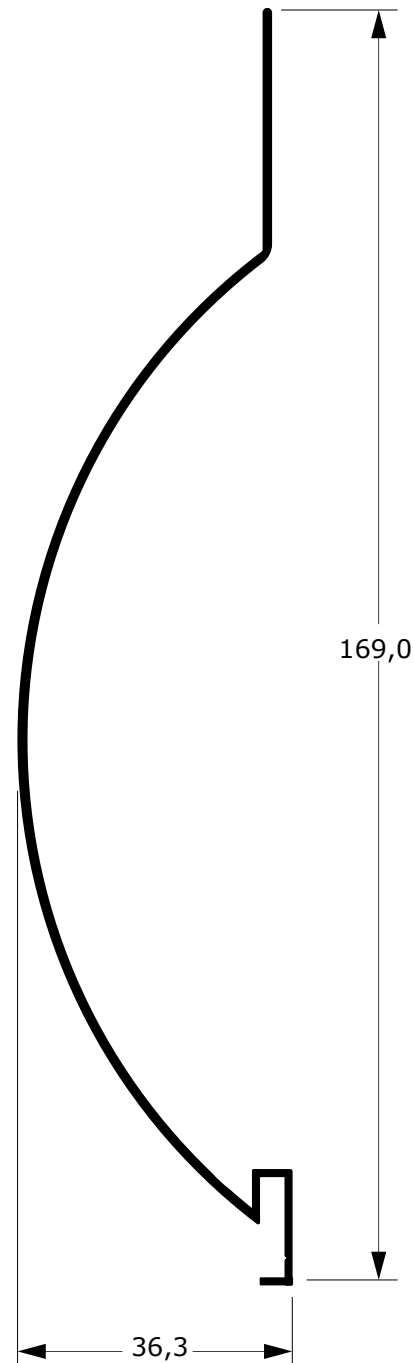




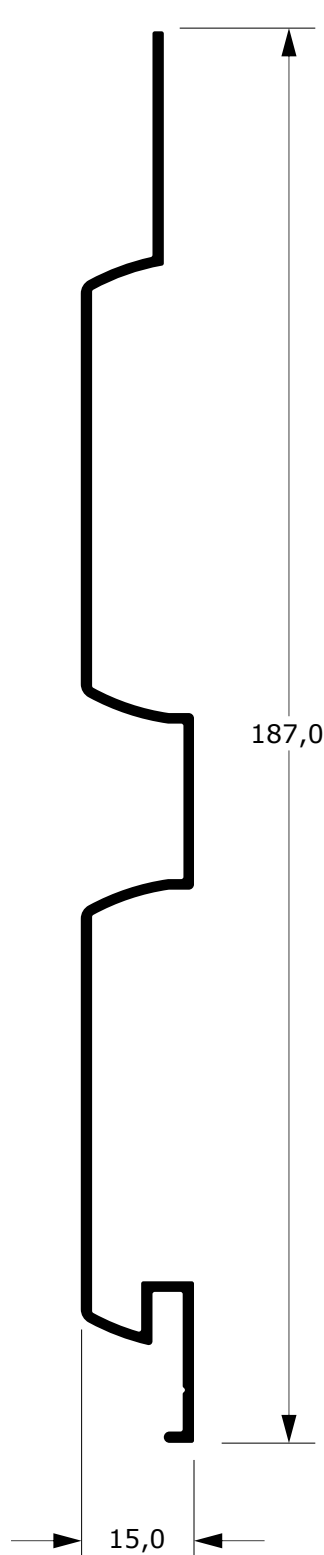
19-650 C
0,692 kg/m



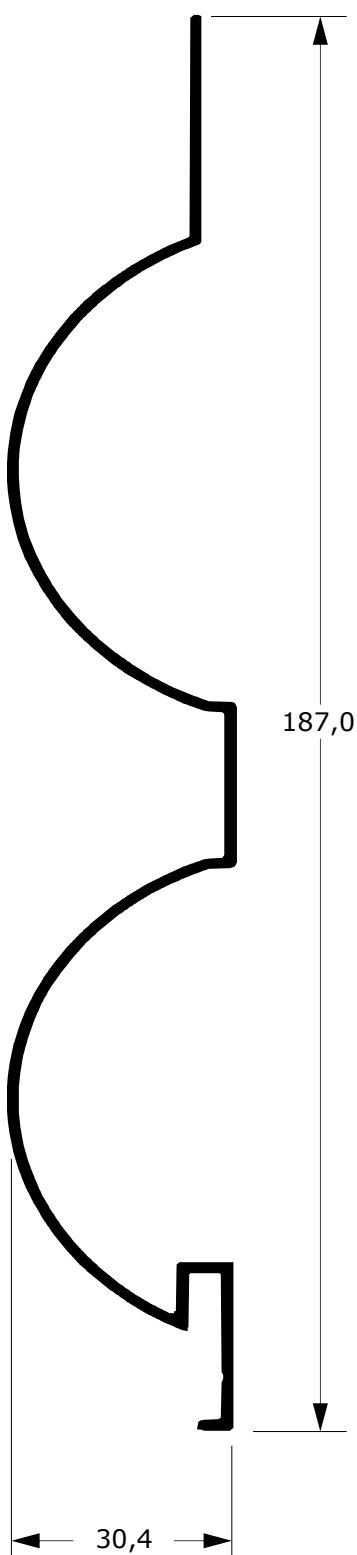
19-652 C
0,655 kg/m



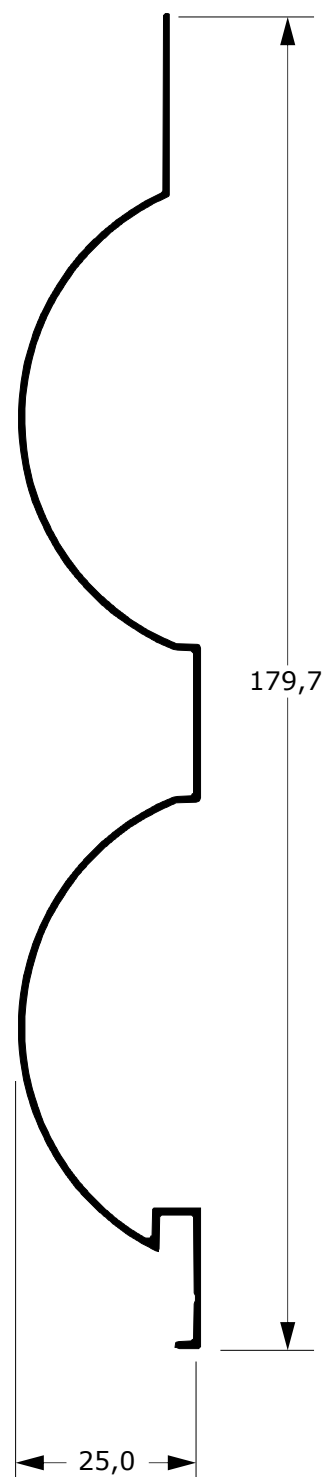
19-505
0,723 Kg/m

**19-375**

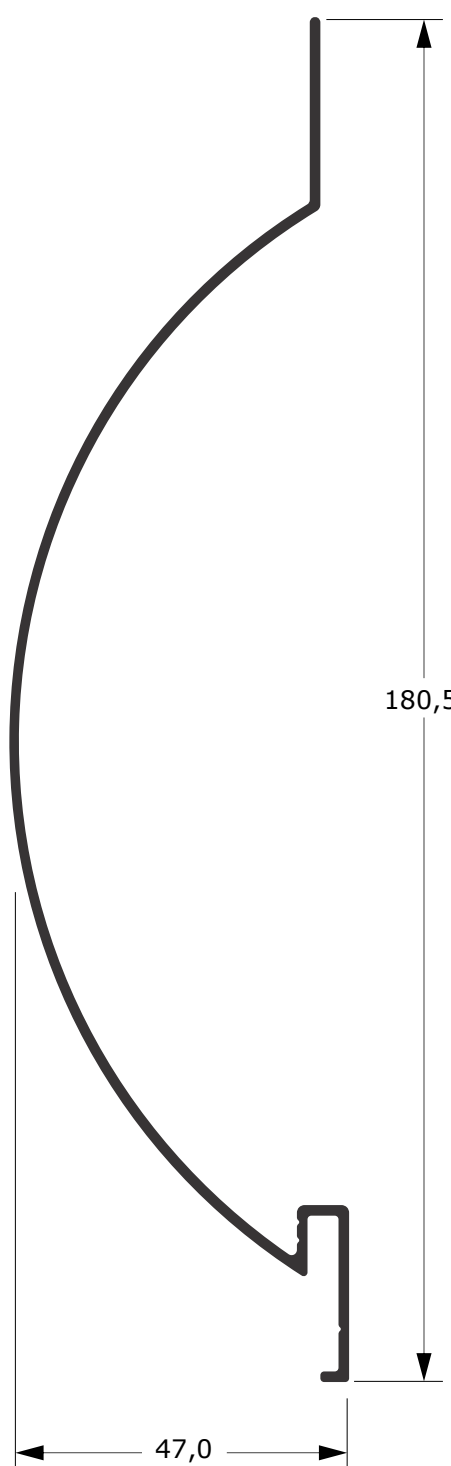
0,959 Kg/m

**19-248**

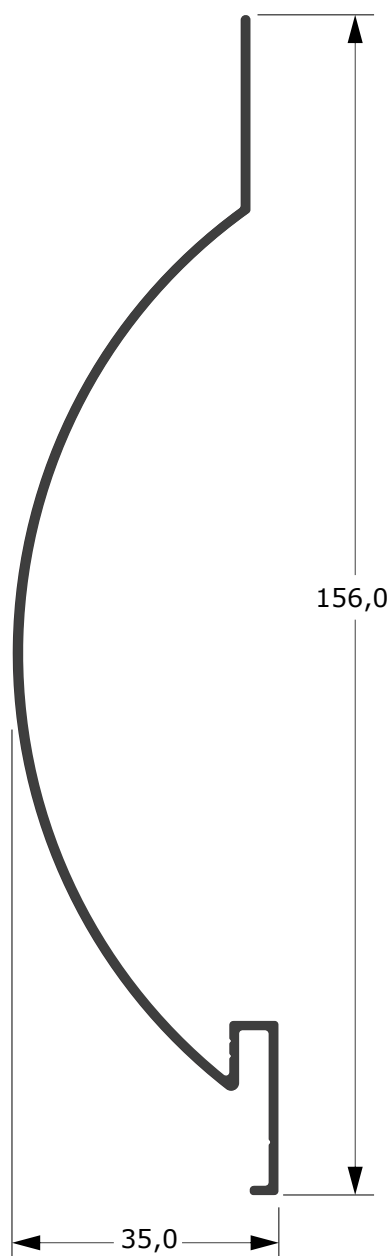
1,020 Kg/m

**19-575**

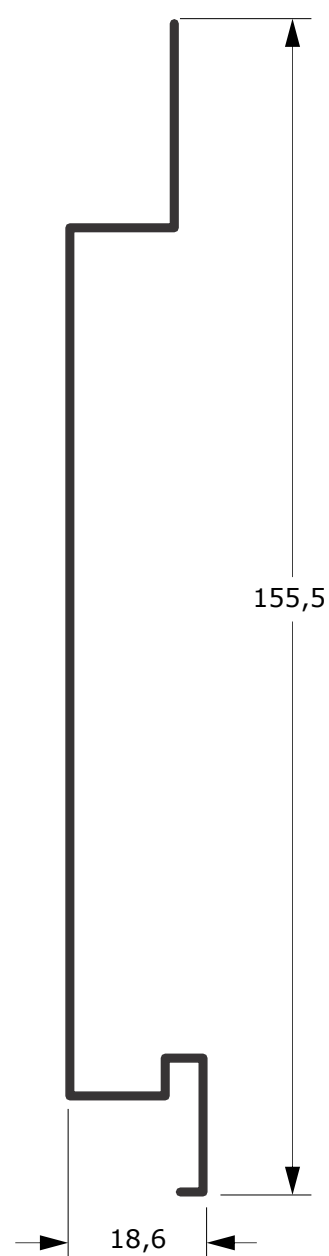
0,892 Kg/m



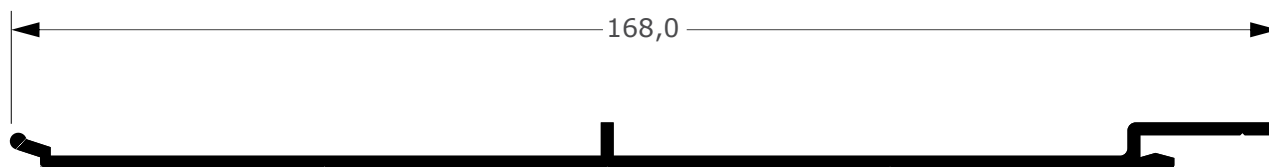
19-702C
0,874 Kg/m



19-703C
0,645 Kg/m

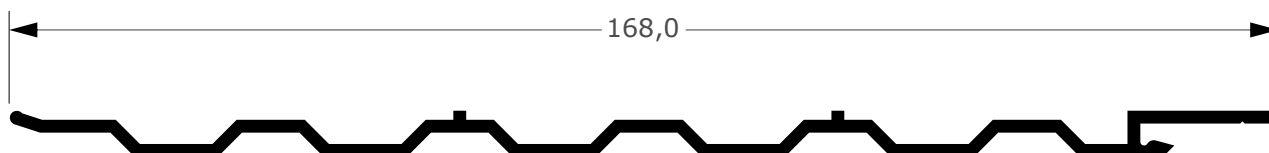


19-1041 D
0,540 Kg/m

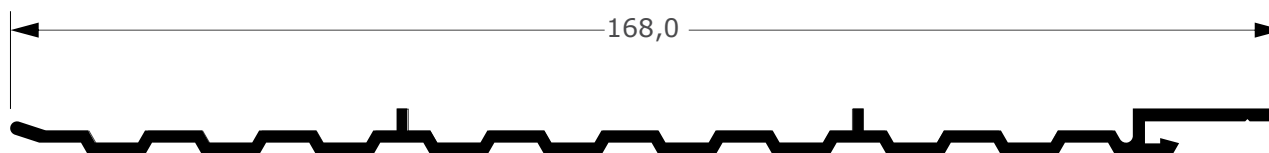
**Y-335**

0,723 Kg/m

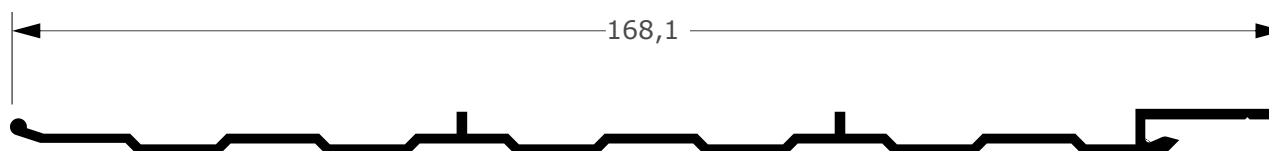
(LB-036)

**Y-354**

0,866 Kg/m

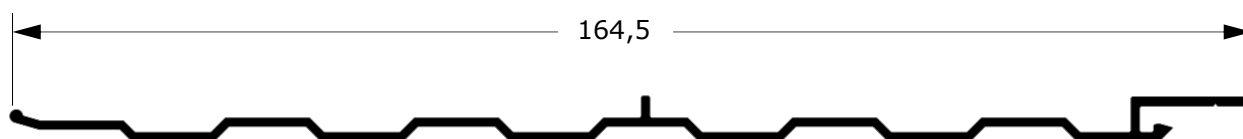
**Y-355**

0,872 Kg/m

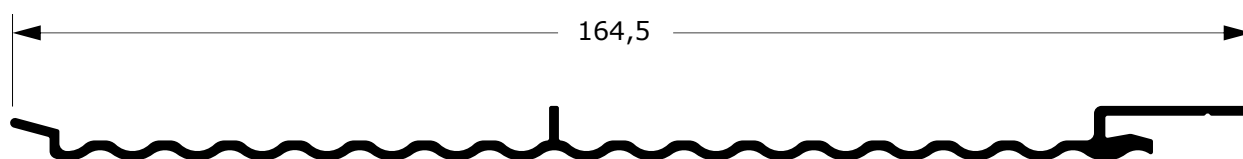
**Y-429**

0,684 Kg/m

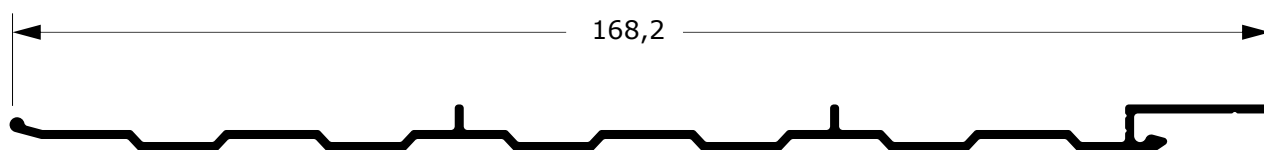
(LB-050)

**Y-429 A**

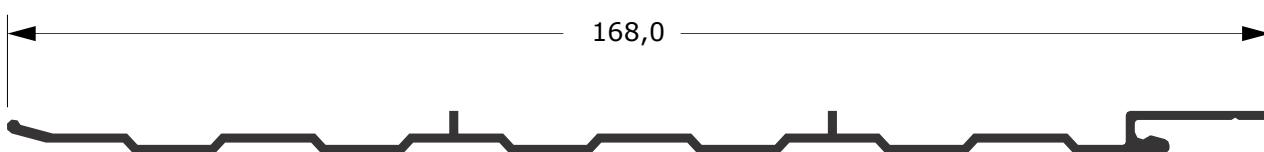
0,609 Kg/m

**19-541**

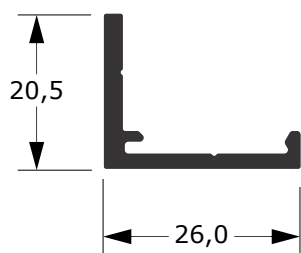
0,720 Kg/m

**19-704C**

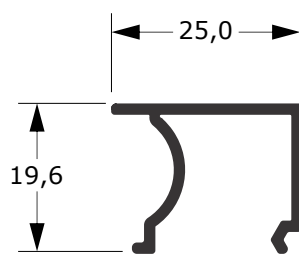
0,631 Kg/m

**19-1044 C**

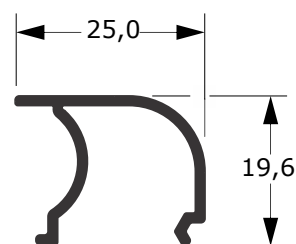
0,531 Kg/m

**29-317C**

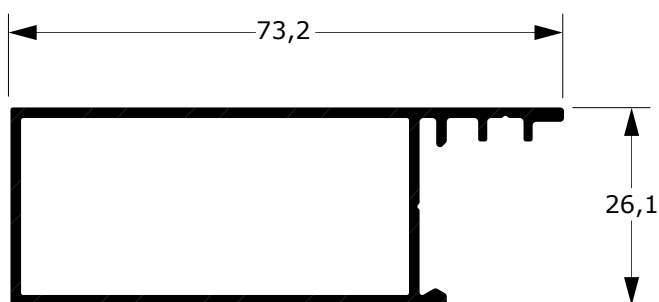
0,290 Kg/m

**39-2073C**

0,219 Kg/m

**39-2074C**

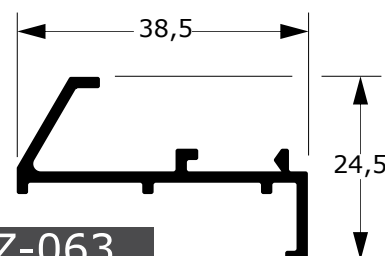
0,206 Kg/m

**78-2070C**

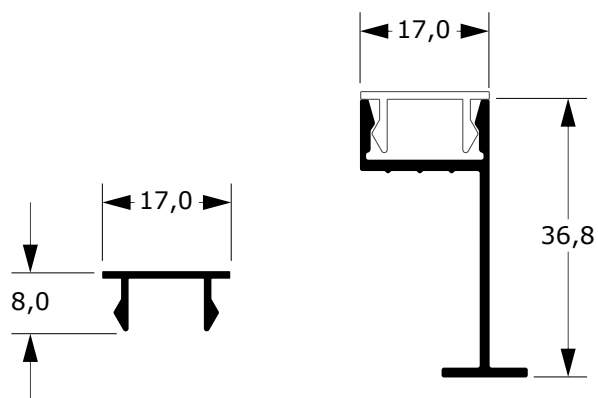
0,717 Kg/m

**Z-033**

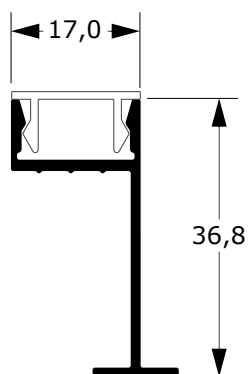
0,351 Kg/m

**Z-063**

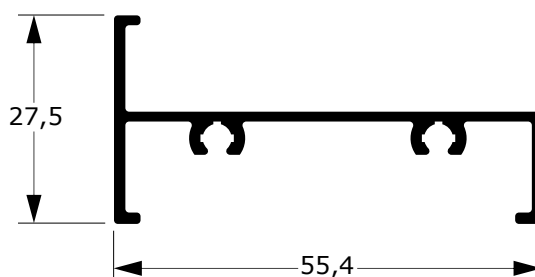
0,325 Kg/m

**U-491**

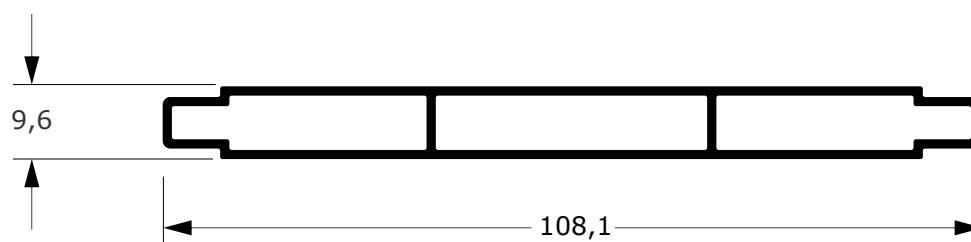
0,093 Kg/m

**50-018**

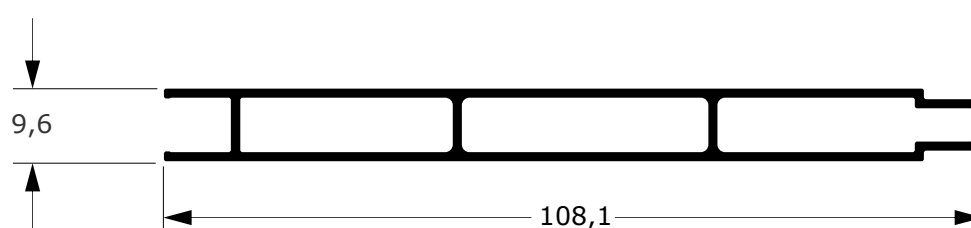
0,263 Kg/m

**39-1134 C**

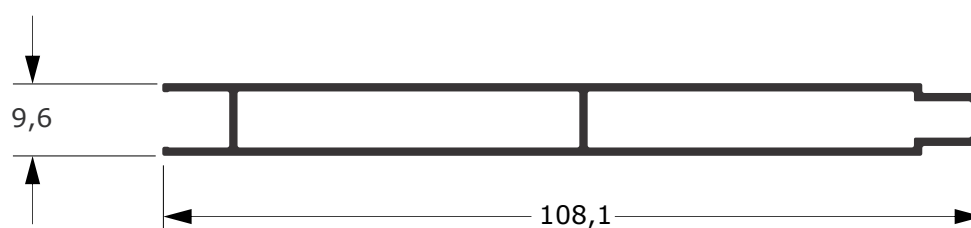
0,470 kg/m

**78-1958D**

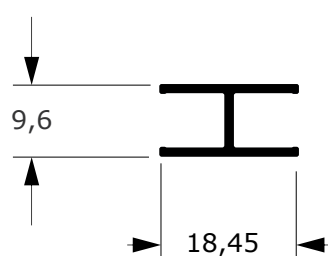
0,795 Kg/m

**78-1873C**

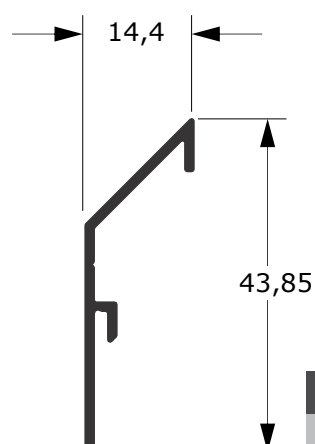
0,805 Kg/m

**79-089 C**

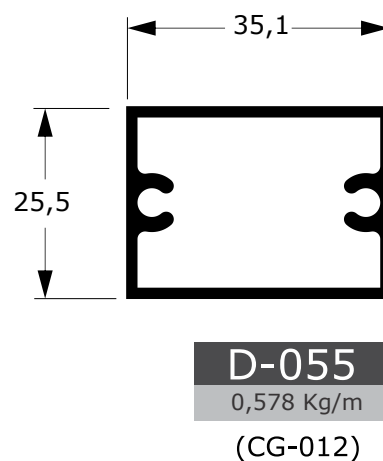
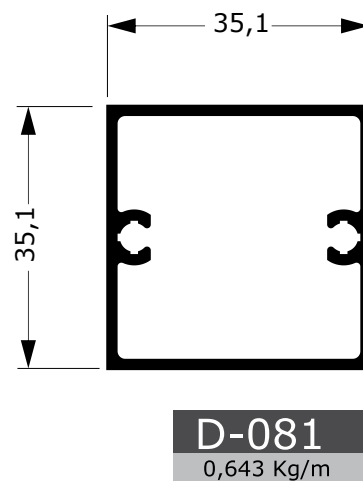
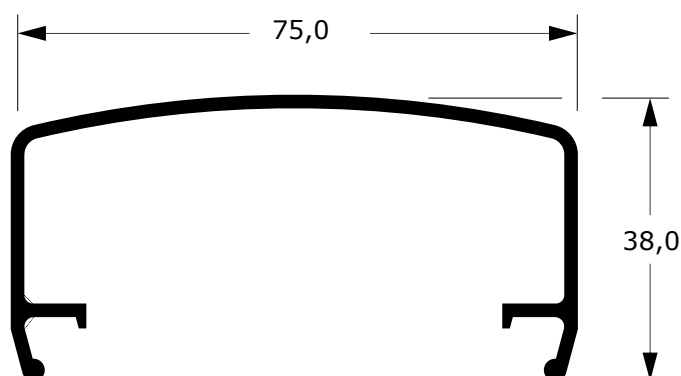
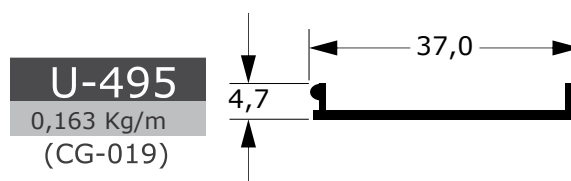
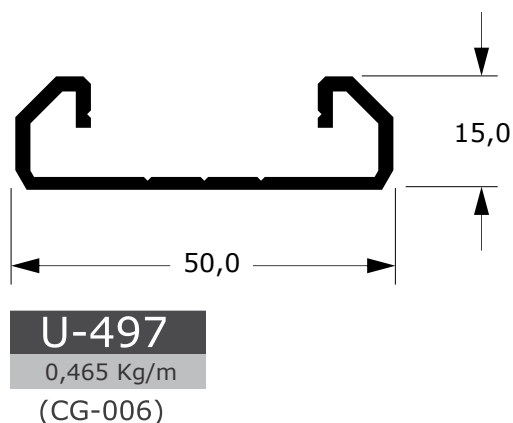
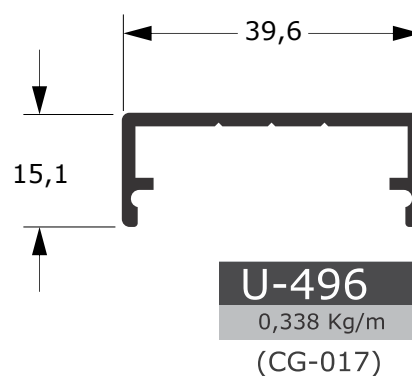
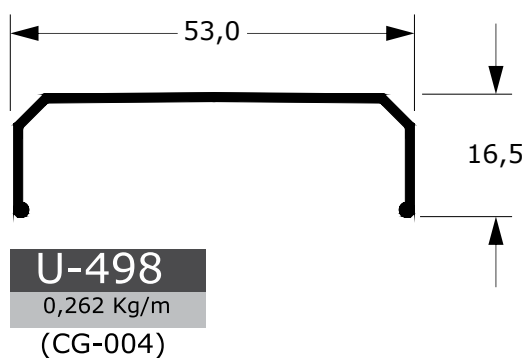
0,710 Kg/m

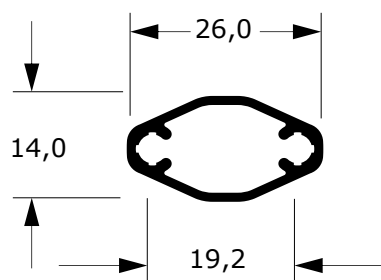
**39-2072C**

0,145 Kg/m

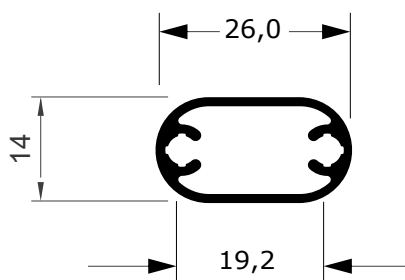
**29-383 C**

0,198 Kg/m

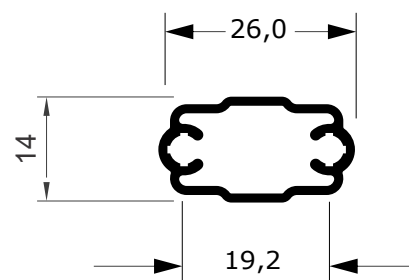




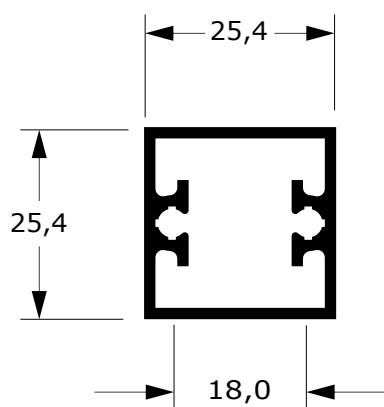
78-1021
0,248 Kg/m



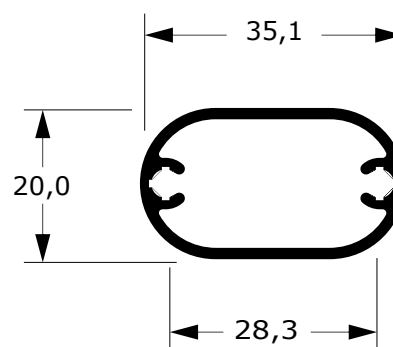
78-1017
0,286 Kg/m



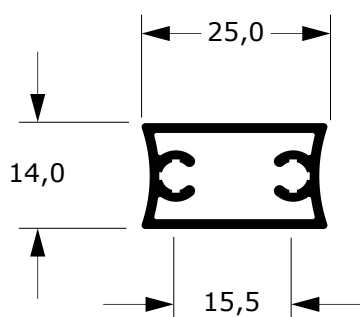
78-1016
0,270 Kg/m



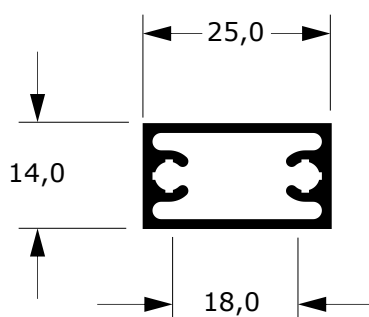
D-080
0,525 Kg/m



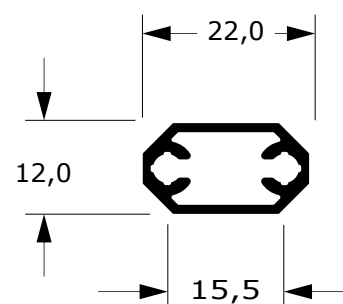
78-366
0,388 Kg/m



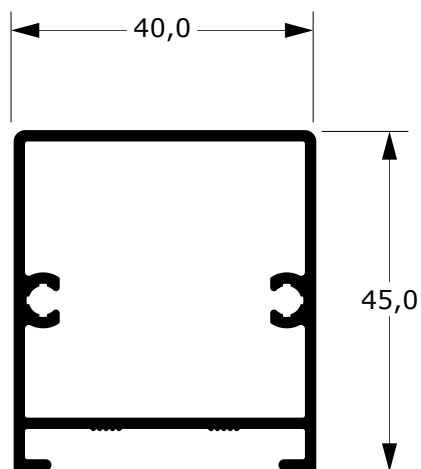
D-056
0,333 Kg/m



D-082
0,349 Kg/m
(CG-021)

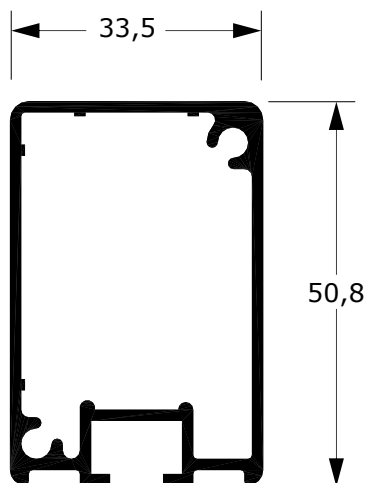


D-070
0,256 Kg/m

**D-199**

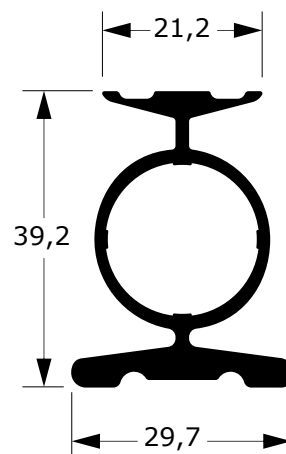
0,796 Kg/m

(CG-097)

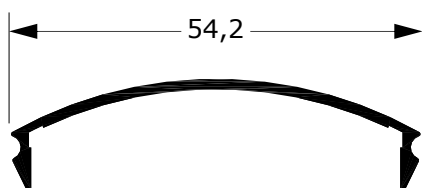
**78-088**

0,858 Kg/m

(CG-077)

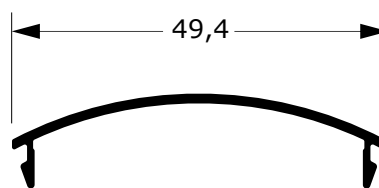
**78-1031**

0,802 Kg/m

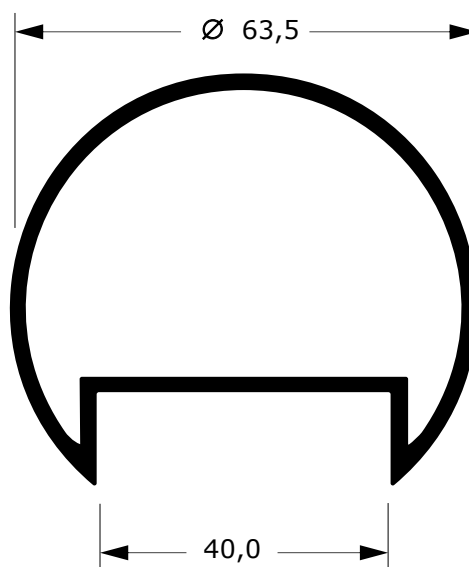
**19-002**

0,267 Kg/m

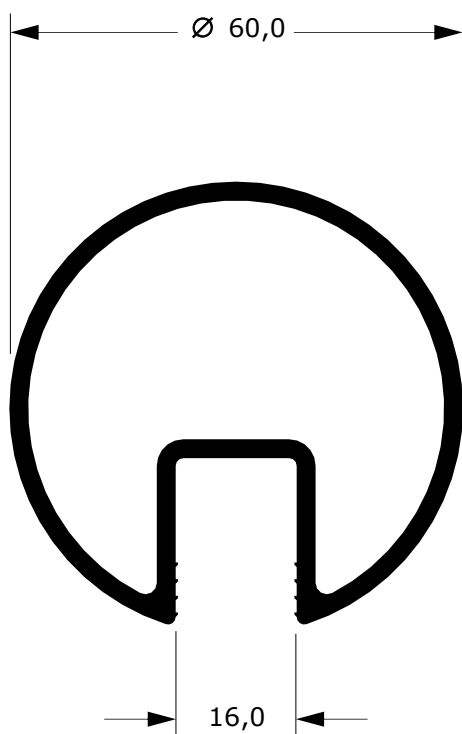
(CG-074)

**19-629**

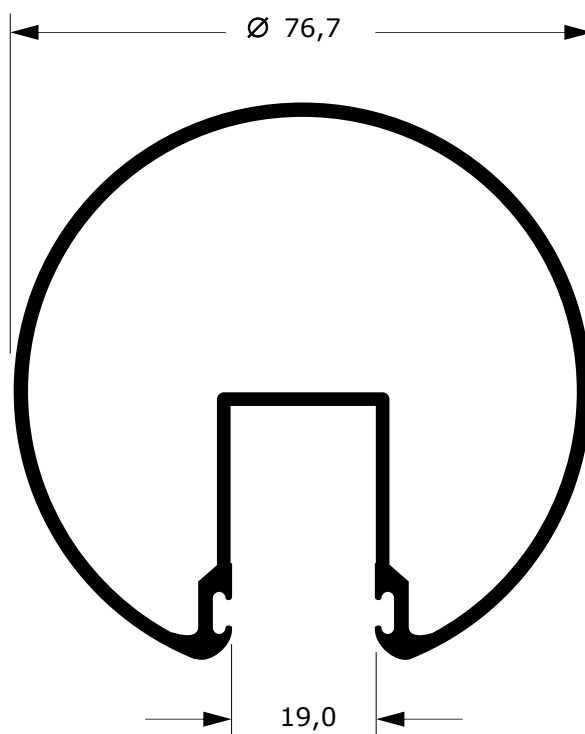
0,221 kg/m

**78-433**

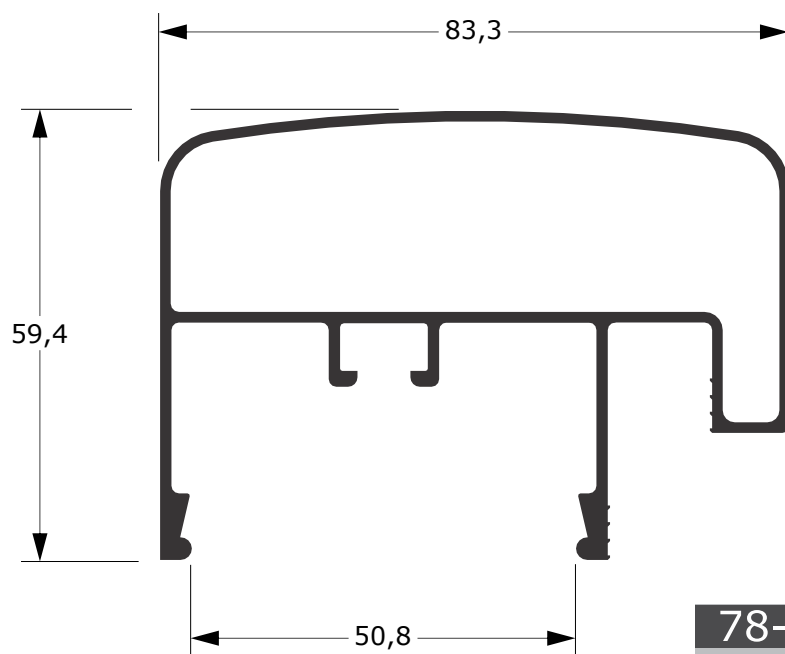
1,684 Kg/m

**78-101**

1,507 Kg/m

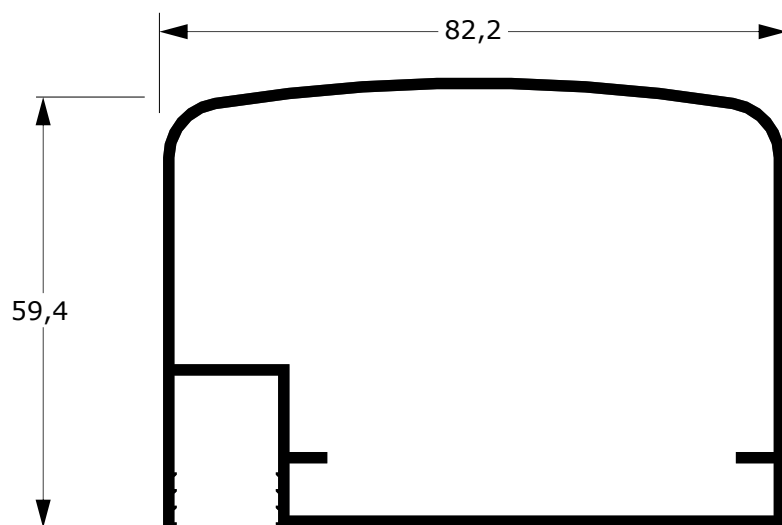
**78-124**

1,670 Kg/m

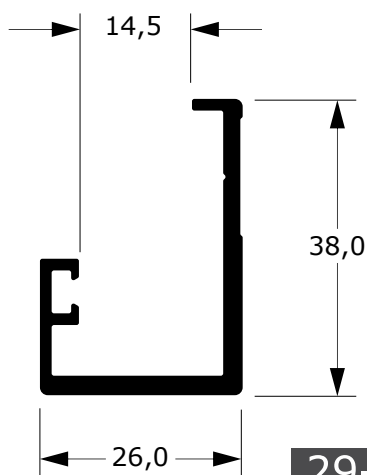
**78-004**

1,345 Kg/m

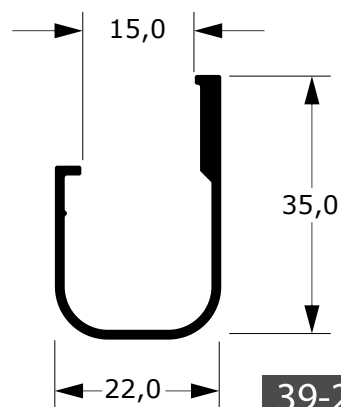
(CG-083)

**78-054**

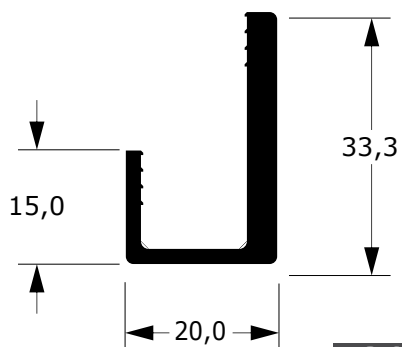
1,200 Kg/m

**29-145**

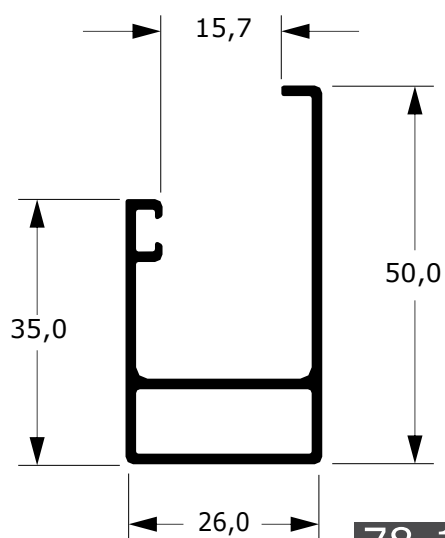
0,514 Kg/m

**39-2107C**

0,318 Kg/m

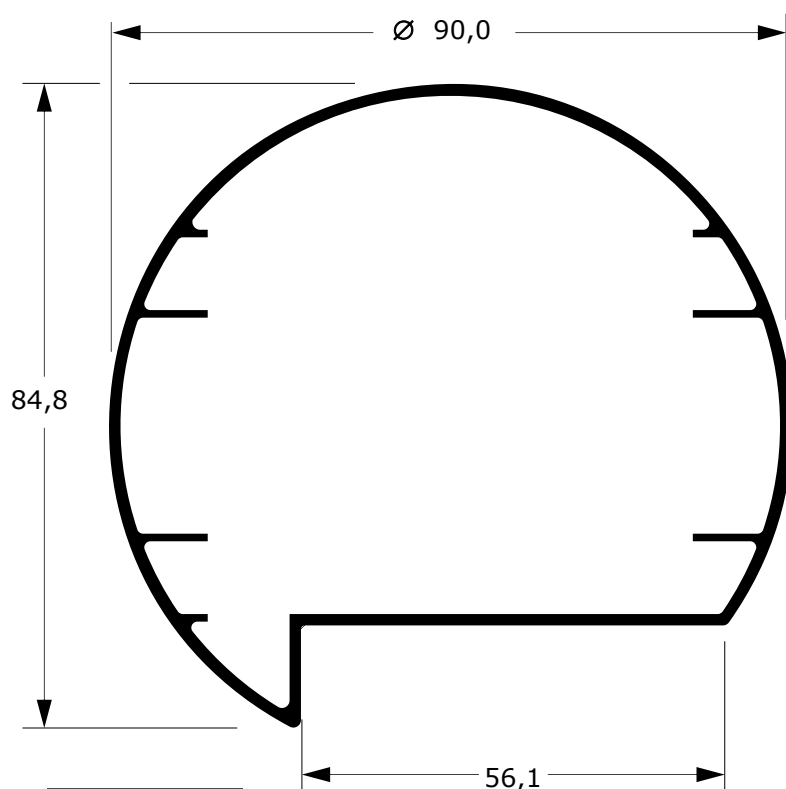
**39-133**

0,518 Kg/m

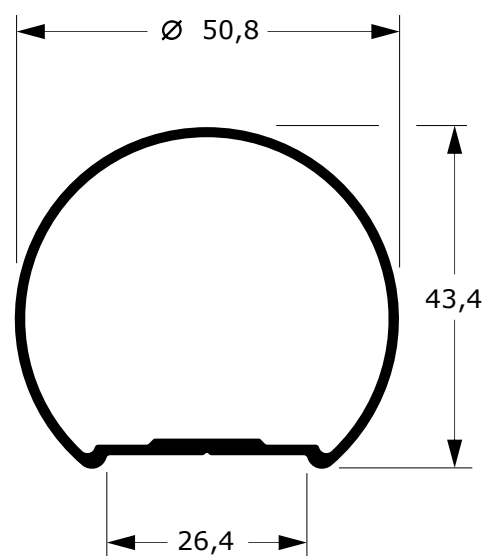
**78-1112**

0,549 kg/m

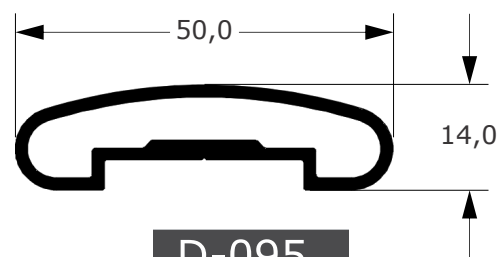
(78-112 C)

**78-397**

1,291 Kg/m

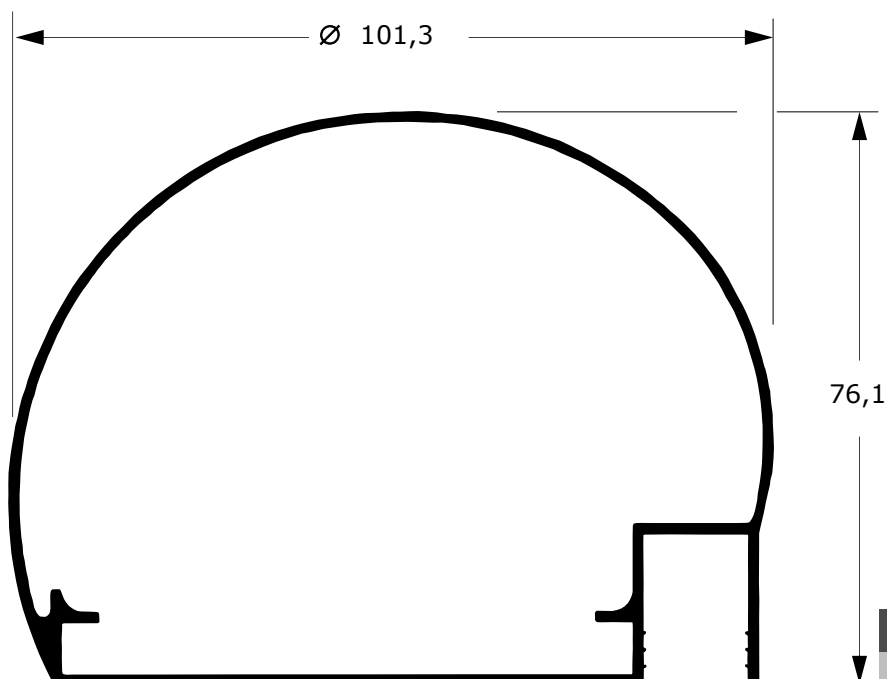
**78-260**

0,660 Kg/m

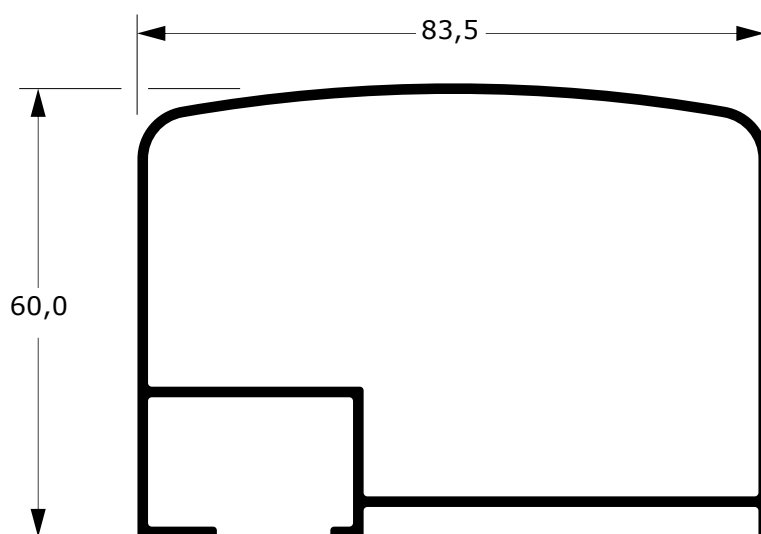
**D-095**

(CG-003)

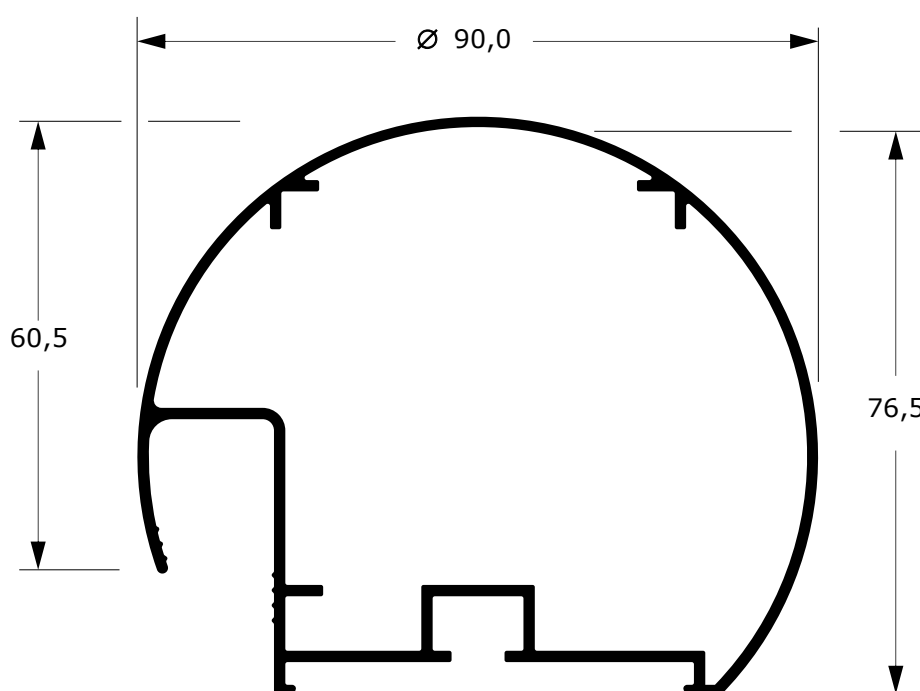
0,544 Kg/m

**78-690**

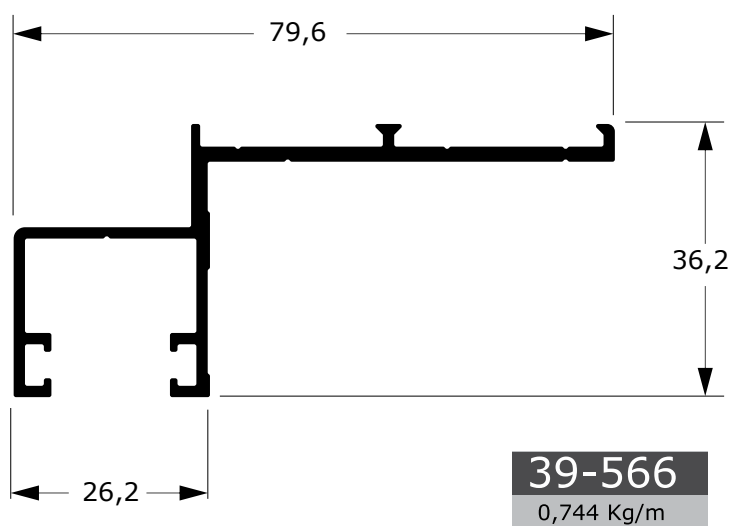
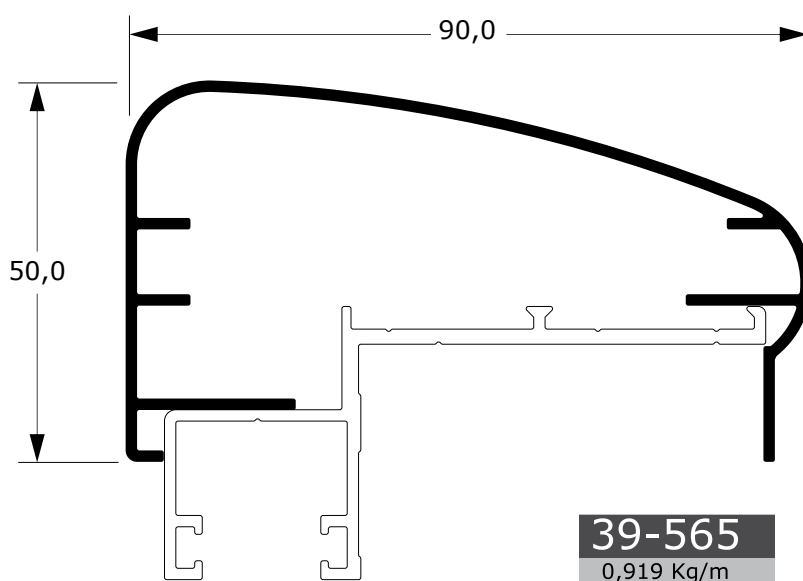
1,412 Kg/m

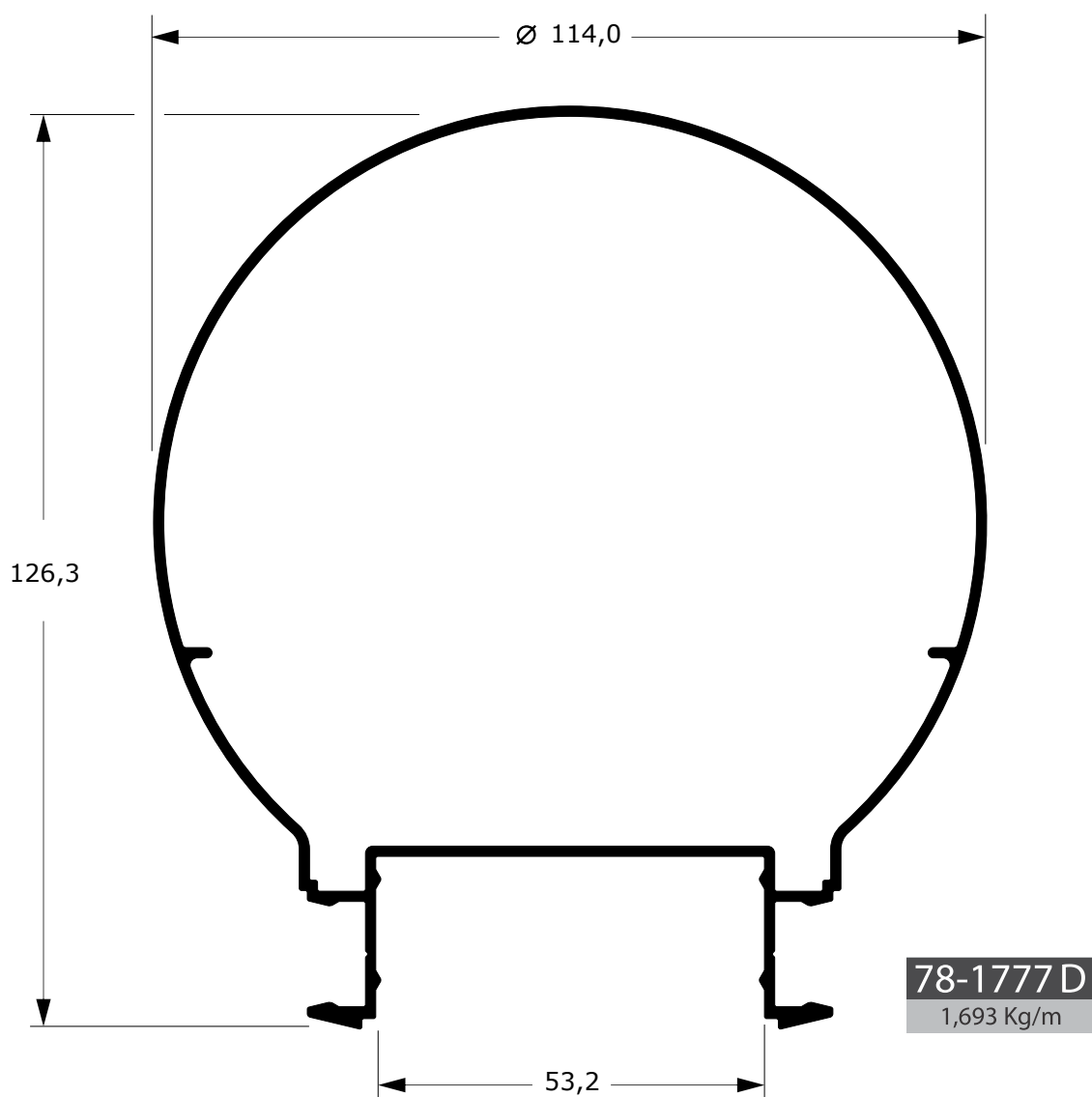
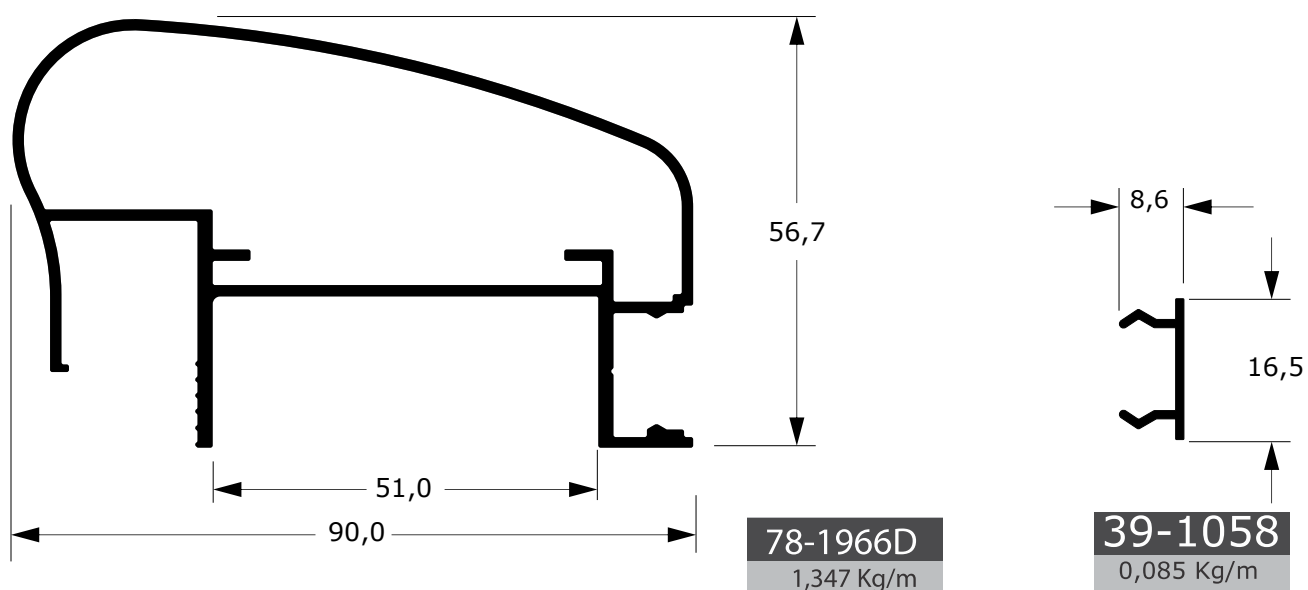
**78-1054C**

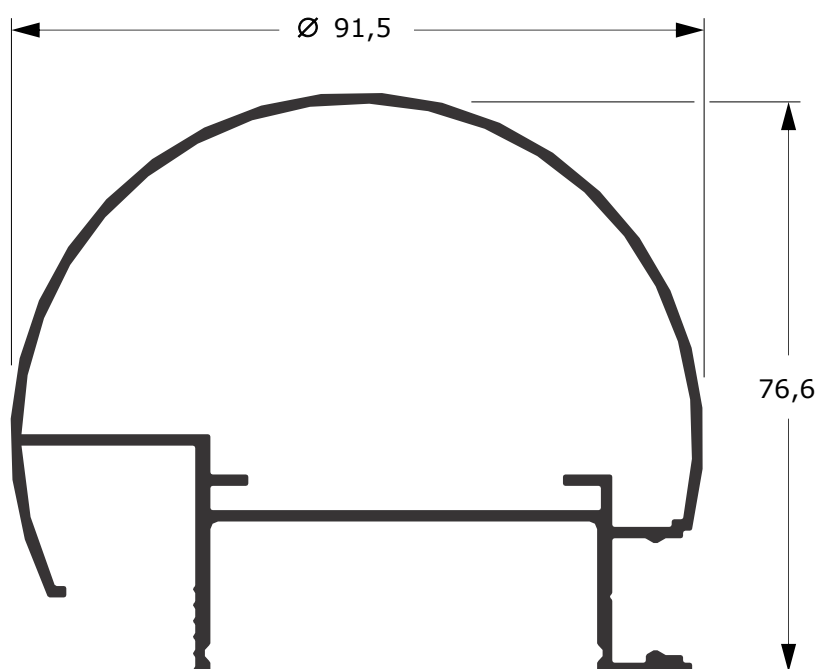
1,141 Kg/m

**78-946**

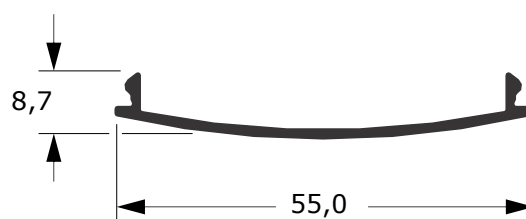
1,431 Kg/m



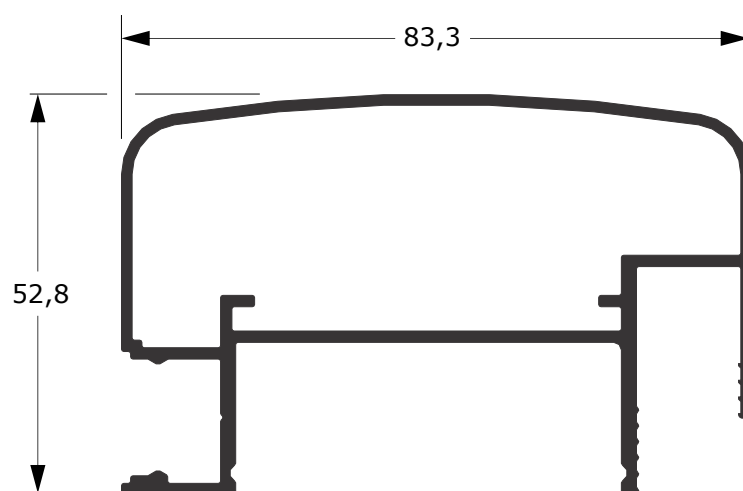


**78-2083 C**

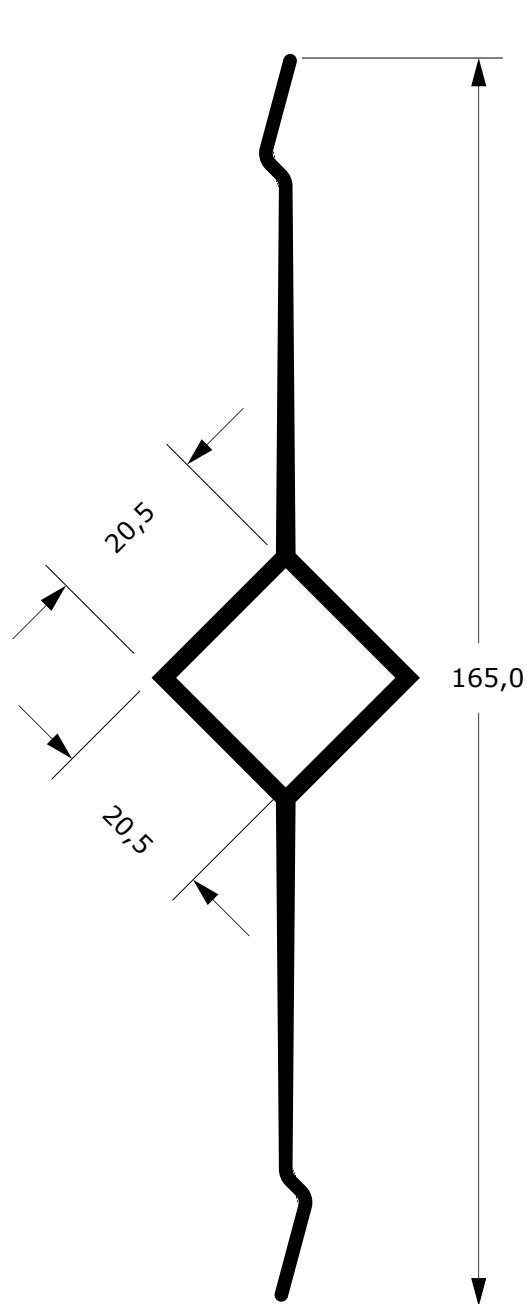
1,460 Kg/m

**19-984 C**

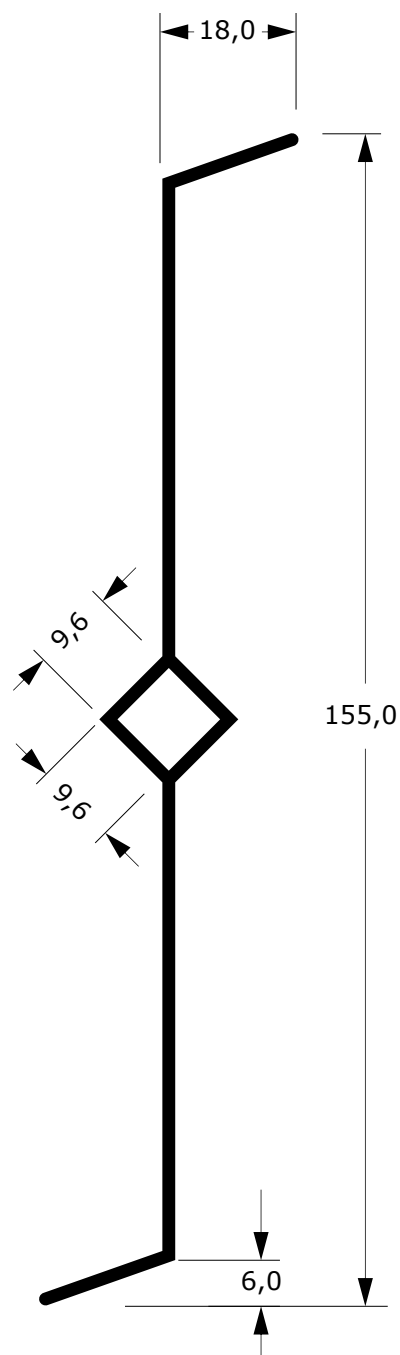
0,220 Kg/m

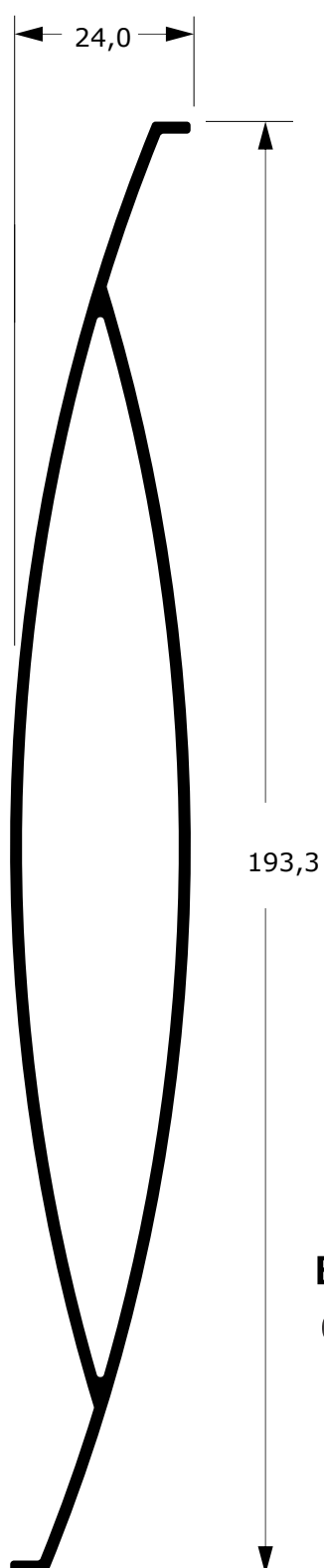
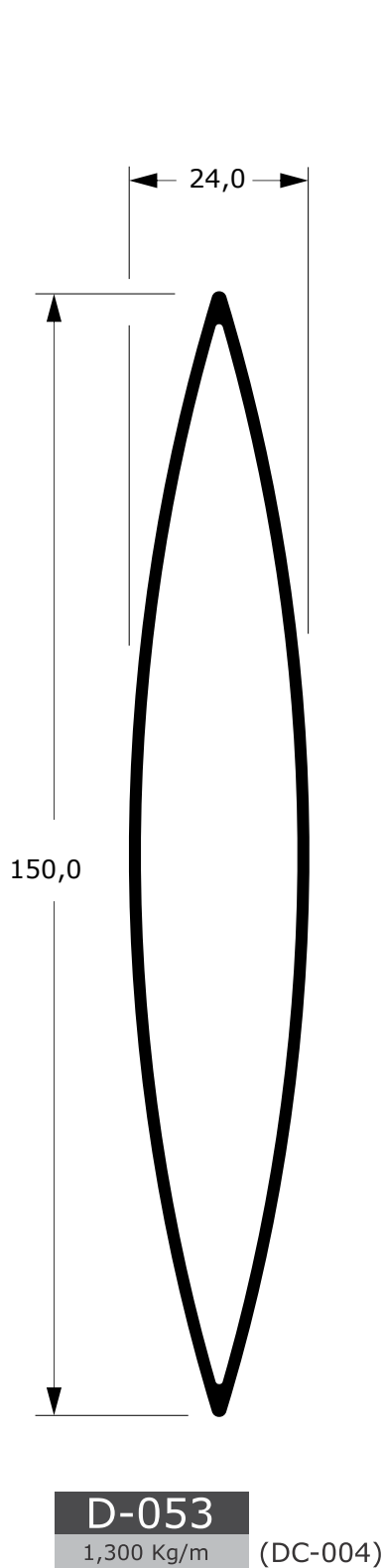
**78-2089 C**

1,270 Kg/m

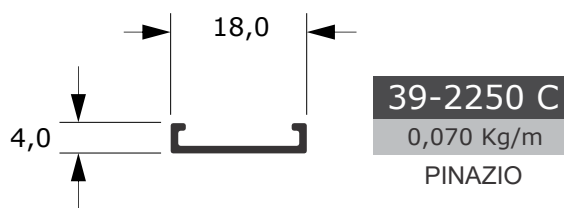
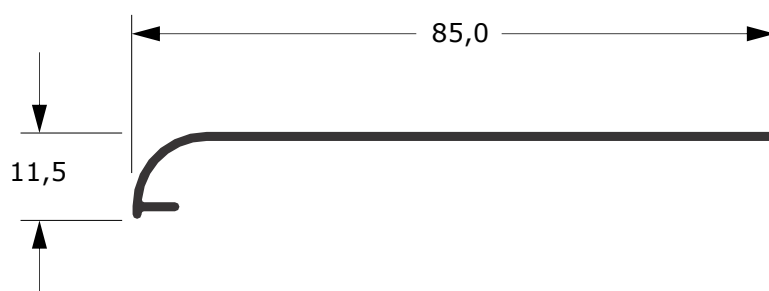
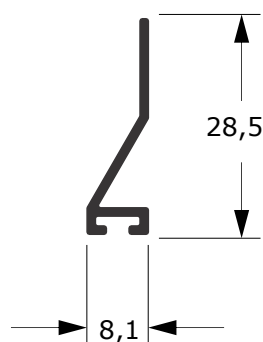
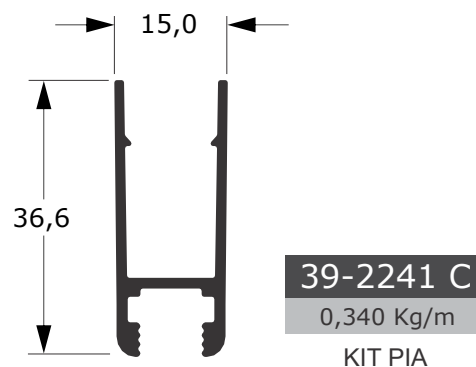
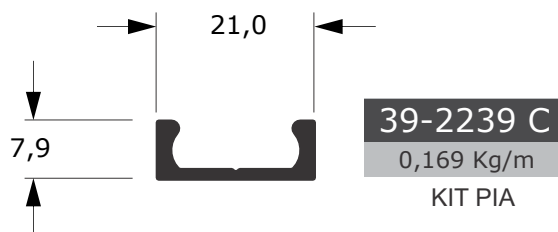
**78-126**

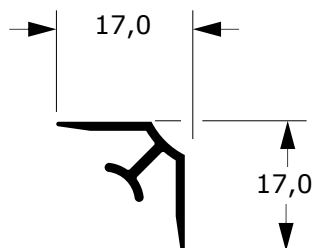
1,315 Kg/m

**D-054**0,835 Kg/m
(DC-006)

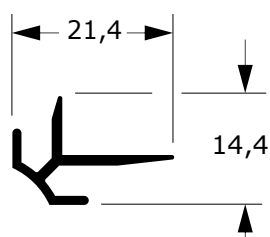
**BRISE EXTENSIVO**

Cobre 30 % a mais
que o similar.

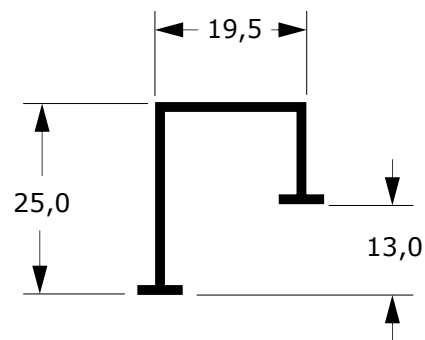


**Y-165**

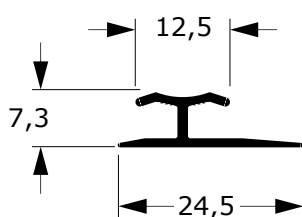
0,132 Kg/m

**Y-166**

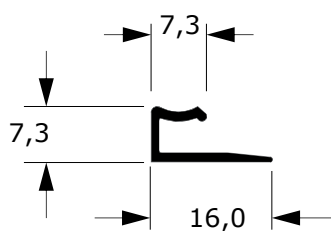
0,140 Kg/m

**L-690**

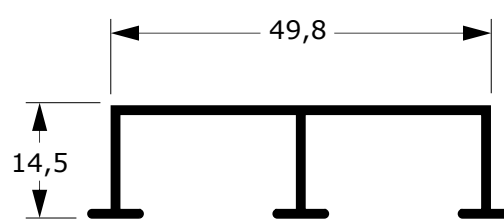
0,141 Kg/m

**I-103**

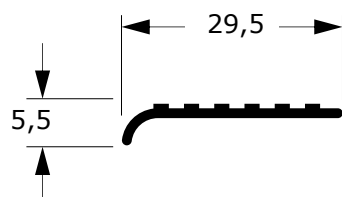
0,126 Kg/m

**L-392**

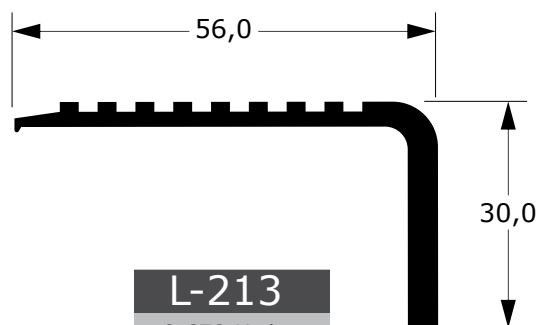
0,084 Kg/m

**E-445**

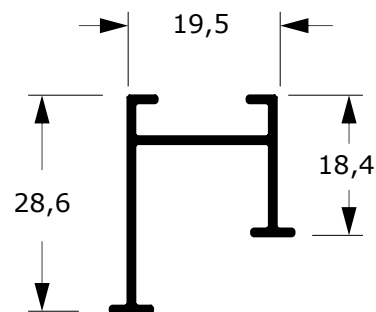
0,235 Kg/m

**L-460**

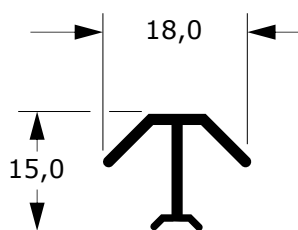
0,127 Kg/m

**L-213**

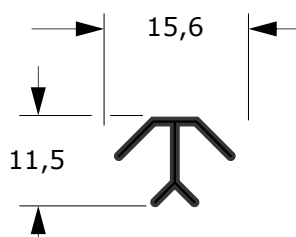
0,670 Kg/m

**39-307**

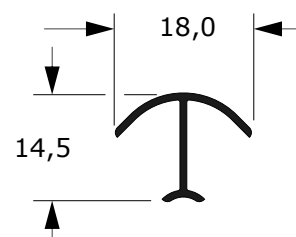
0,174 Kg/m

**I-186**

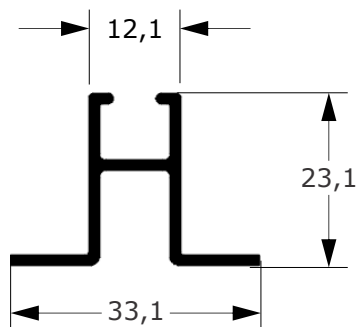
0,090 Kg/m

**I-313**

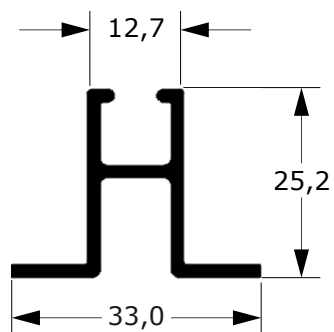
0,074 Kg/m

**I-185**

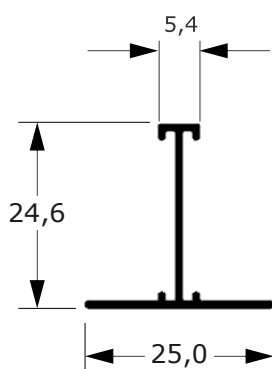
0,084 Kg/m

**39-158**

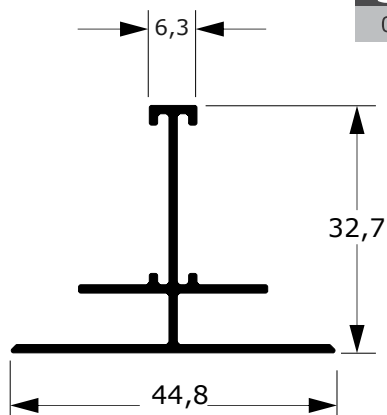
0,282 Kg/m

**39-139**

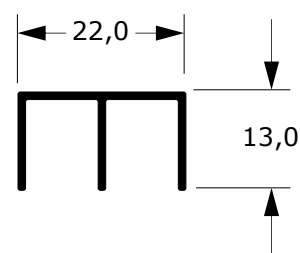
0,362 Kg/m

**T-180**

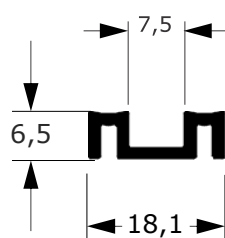
0,125 Kg/m

**54-012**

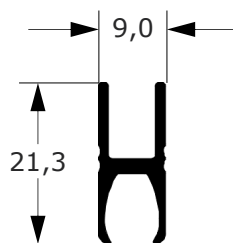
0,331 Kg/m

**E-463**

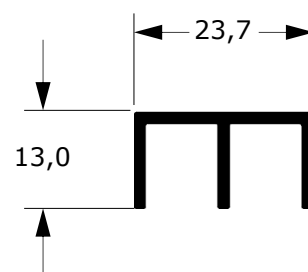
0,157 Kg/m

**E-252**

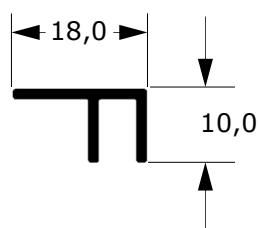
0,152 Kg/m

**I-151**

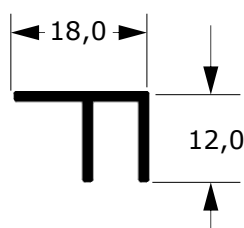
0,173 Kg/m

**E-168**

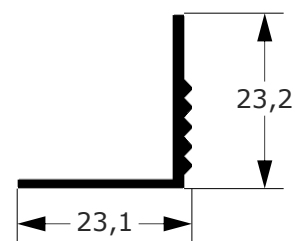
0,236 Kg/m

**F-043**

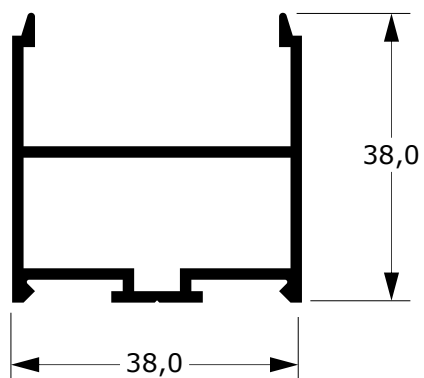
0,124 Kg/m

**F-049**

0,128 Kg/m

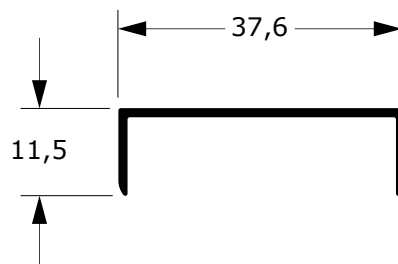
**L-488**

0,163 Kg/m



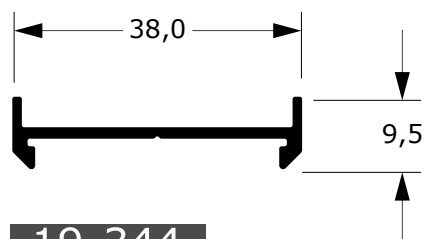
78-095

0,647 Kg/m



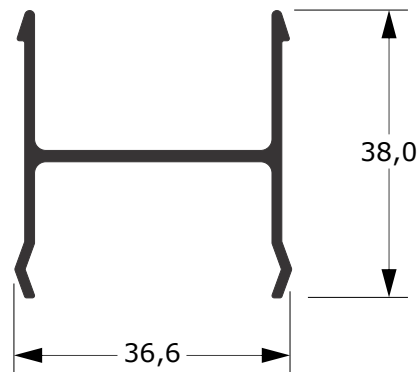
31-042

0,186 Kg/m



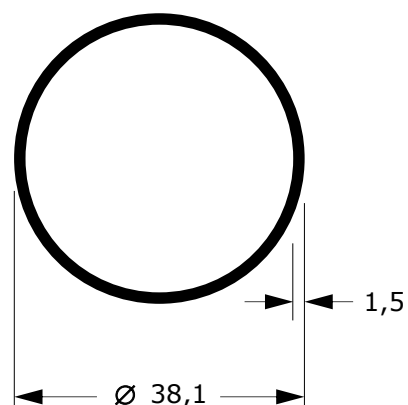
19-344

0,226 Kg/m



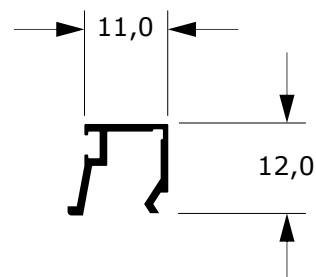
44-026

0,412 Kg/m



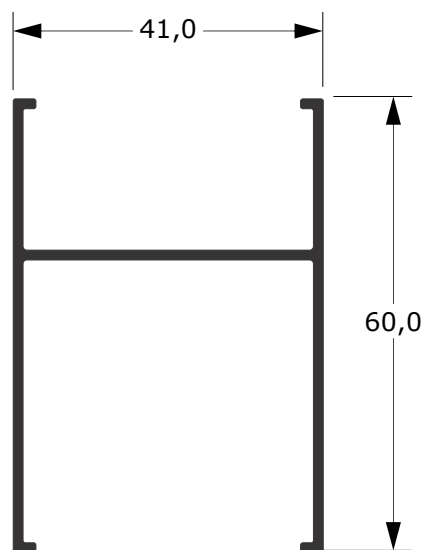
TUB-069

0,467 Kg/m

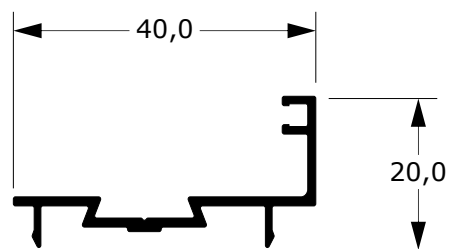


U-522

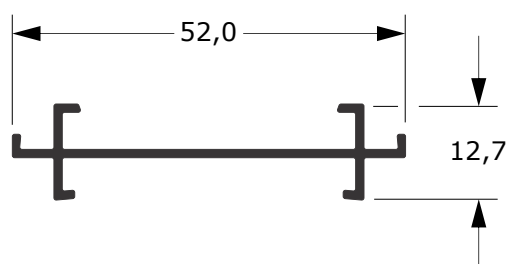
0,100 Kg/m

**44-025**

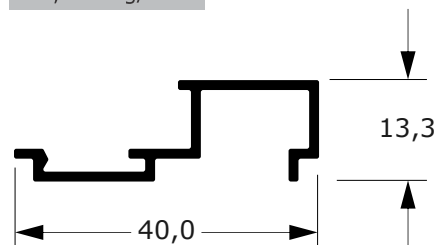
0,582 Kg/m

**19-424**

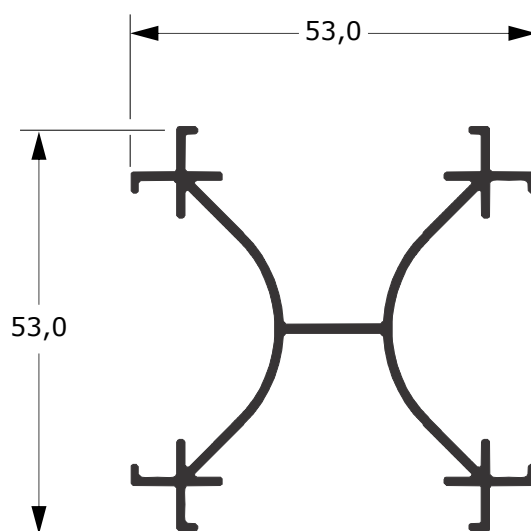
0,277 Kg/m

**19-425**

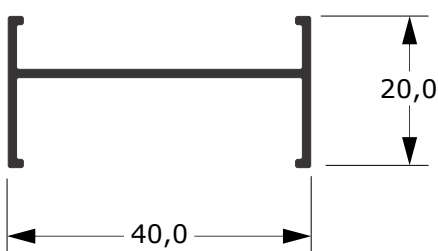
0,258 Kg/m

**39-844**

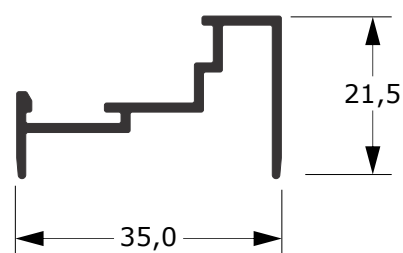
0,260 Kg/m

**44-031**

0,636 Kg/m

**44-024**

0,242 Kg/m

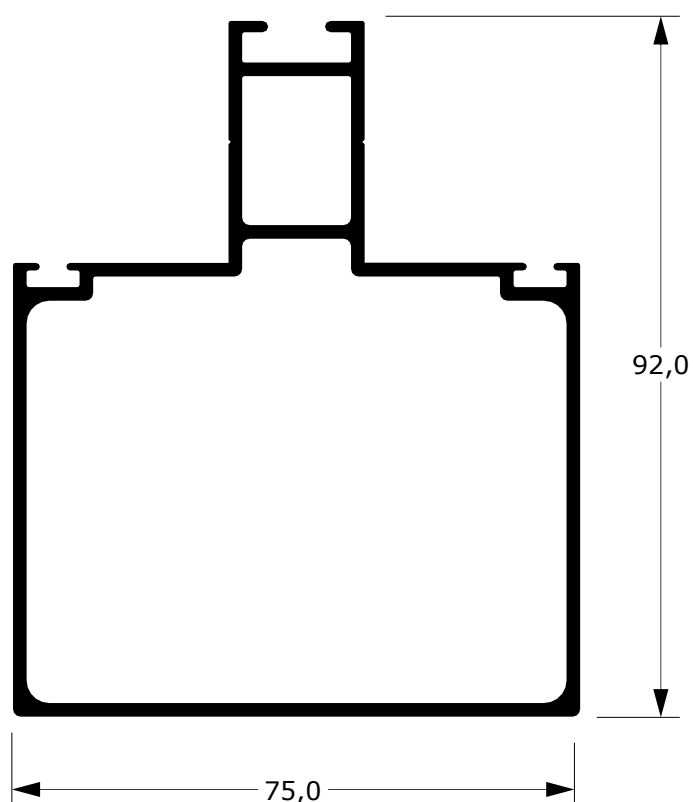
**39-778**

0,273 Kg/m

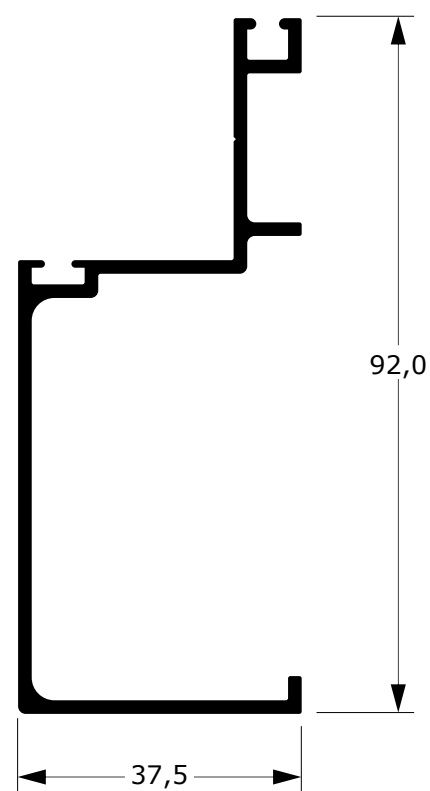


FACHADAS

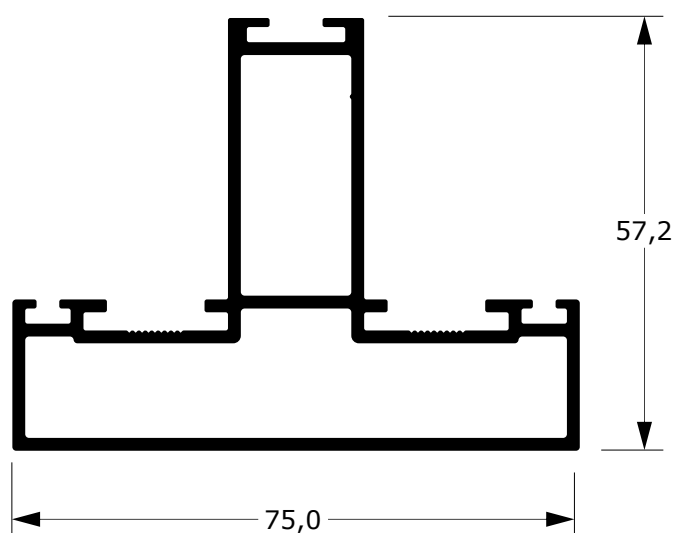
This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

**FC-075**

1,750 Kg/m

**39-473**

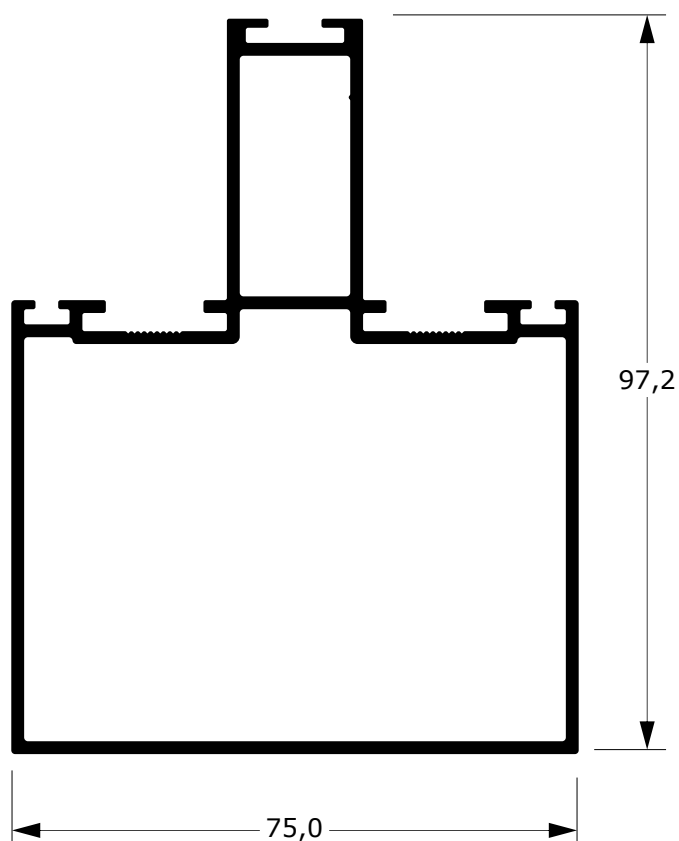
0,917 Kg/m

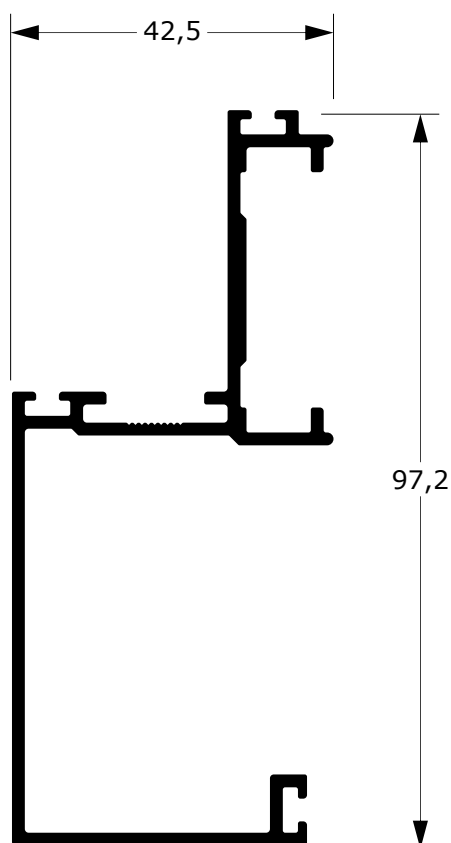
**FC-232**

1,433 Kg/m

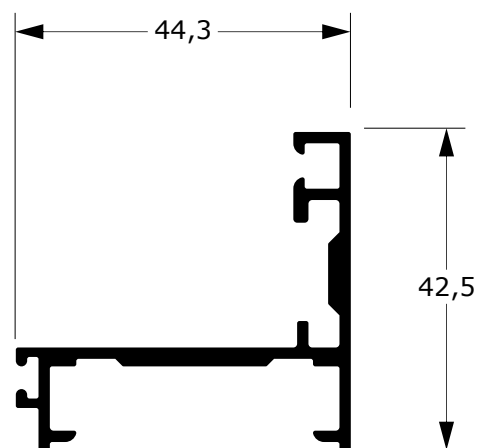
FC-202

1,801 Kg/m

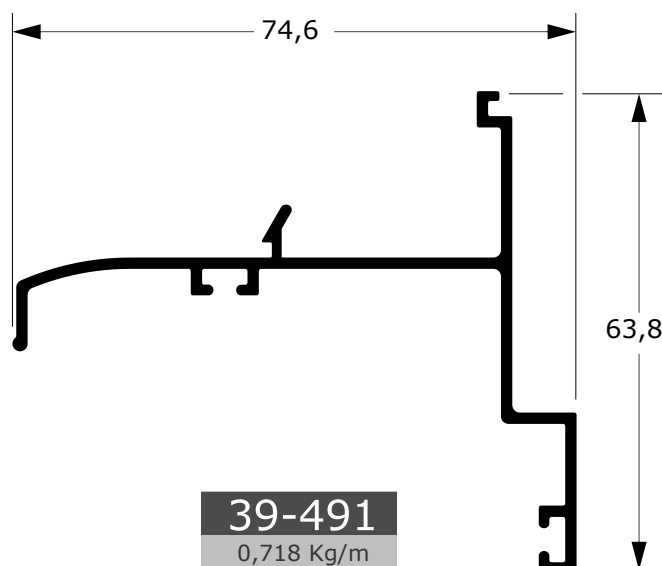


**FC-243**

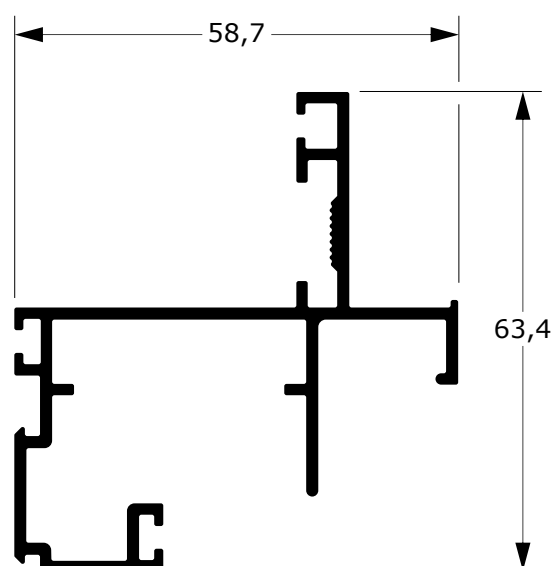
1,109 Kg/m

**FC-225**

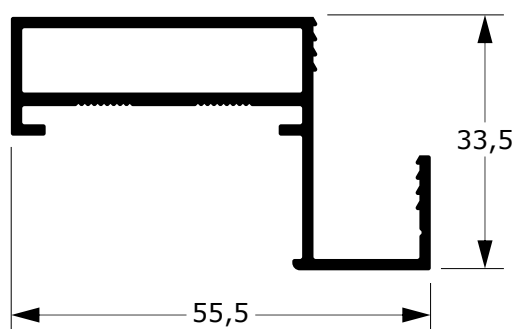
0,639 Kg/m

**39-491**

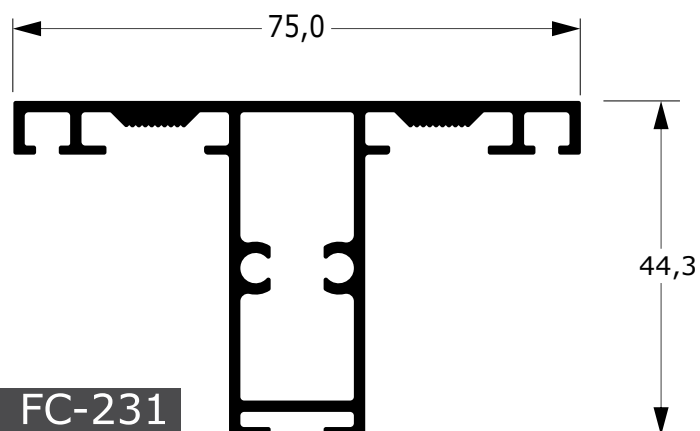
0,718 Kg/m

**FC-360**

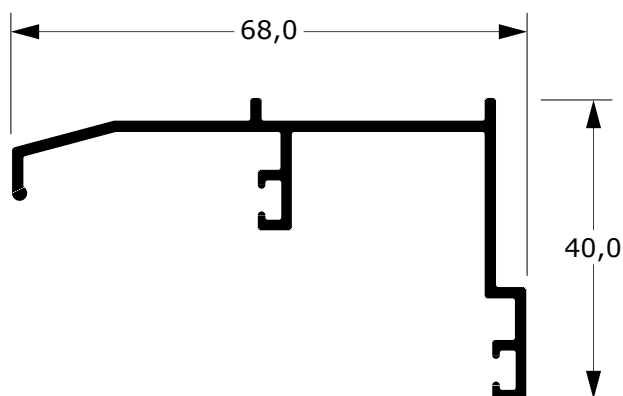
0,960 Kg/m

**FC-293**

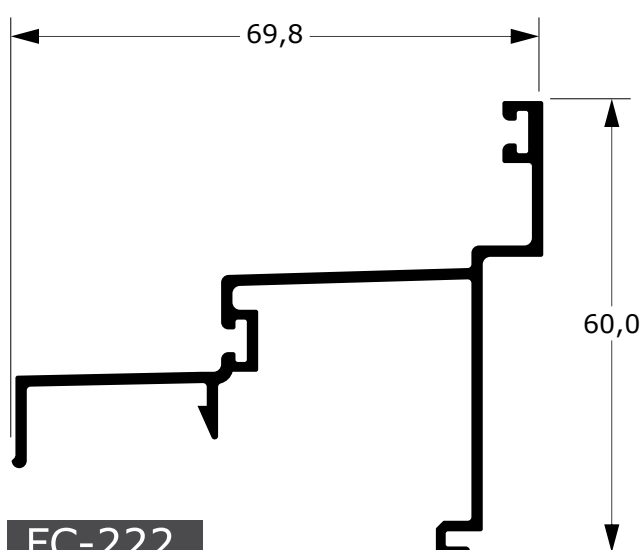
0,683 Kg/m

**FC-231**

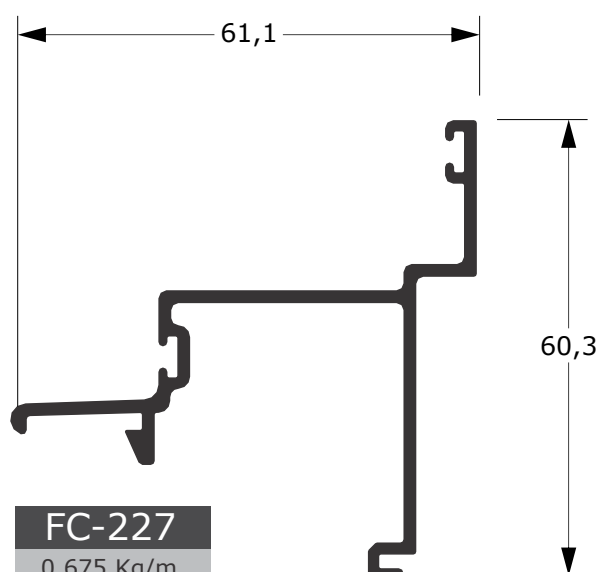
1,074 Kg/m

**39-049**

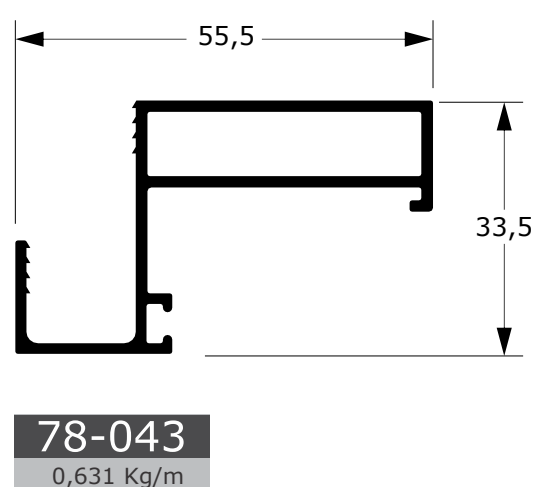
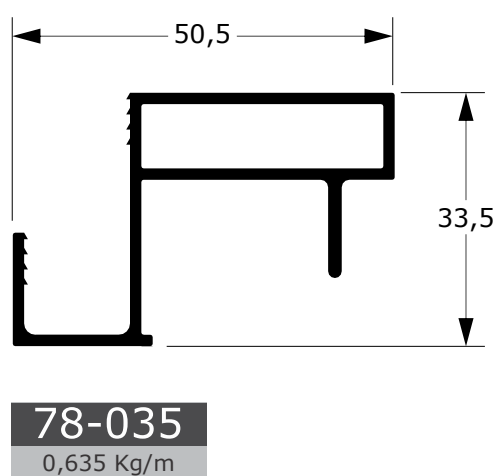
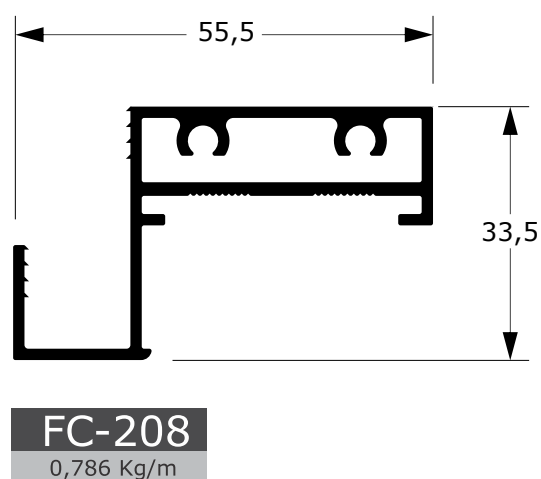
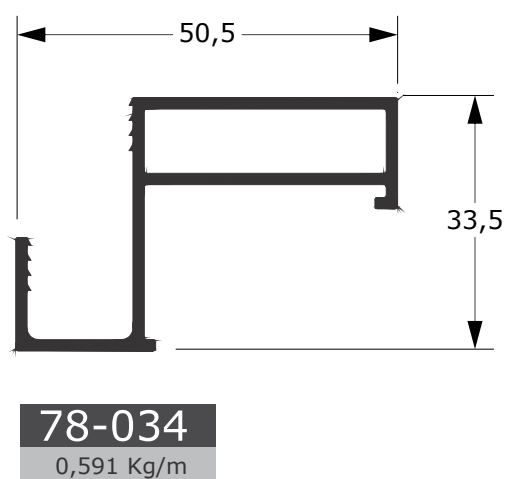
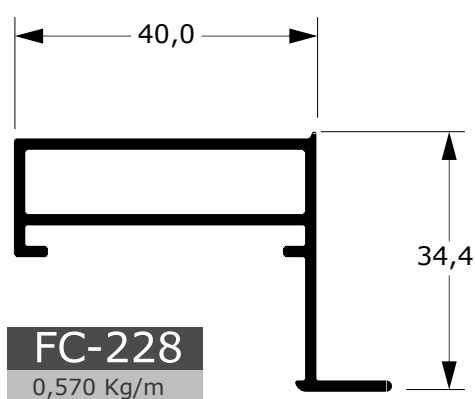
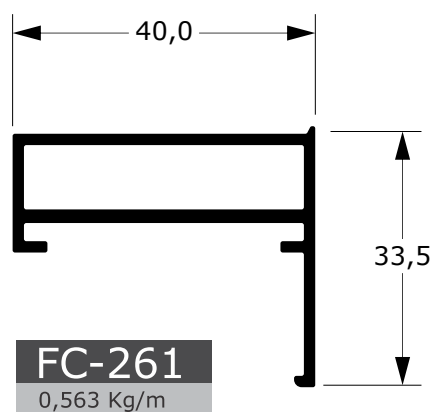
0,575 Kg/m

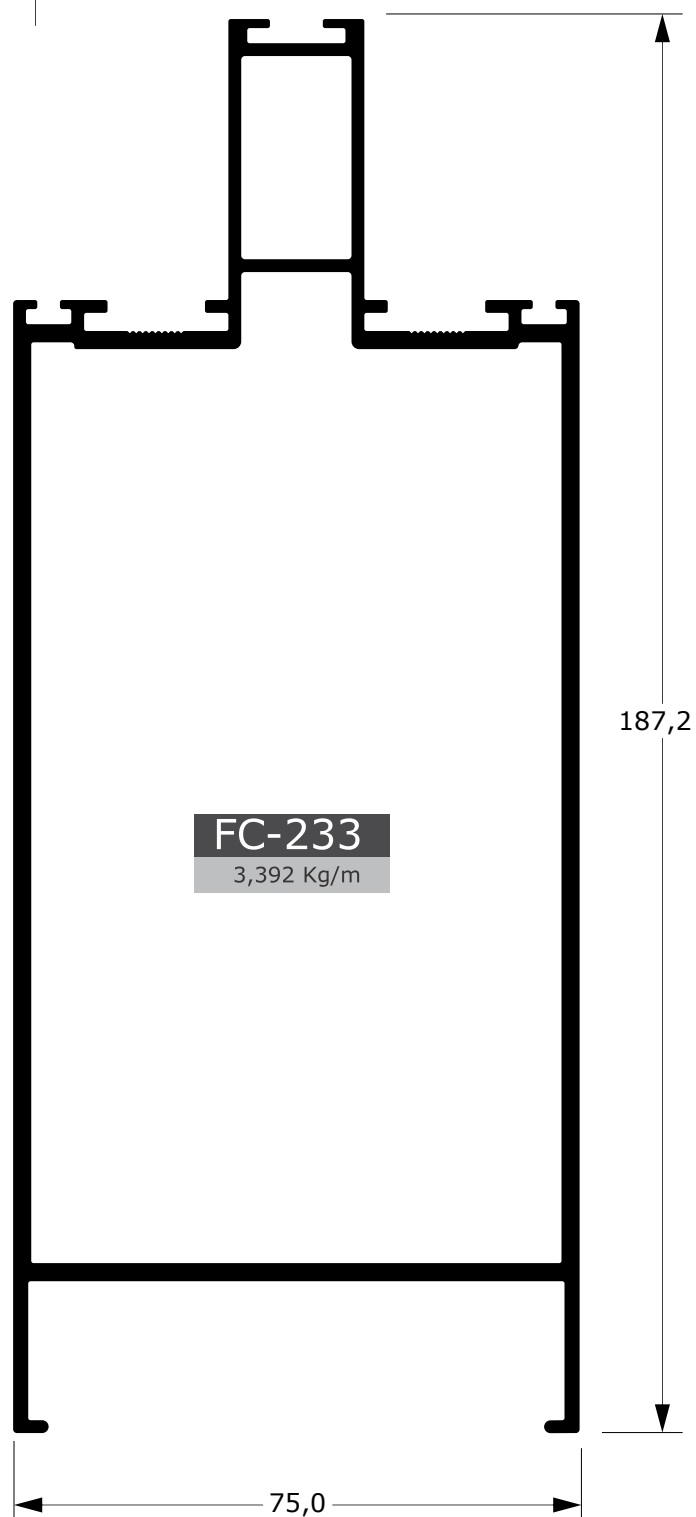
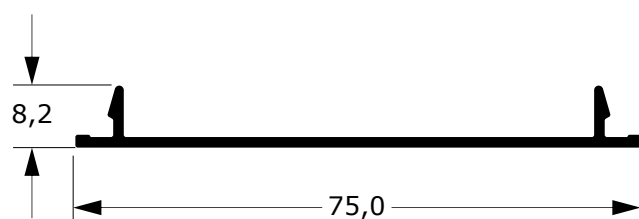
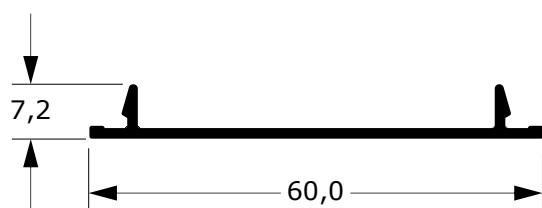
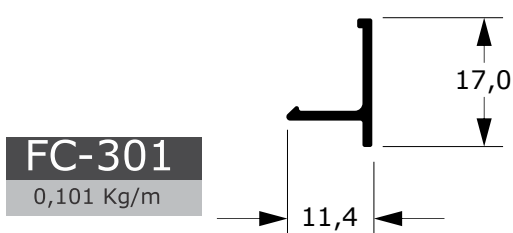
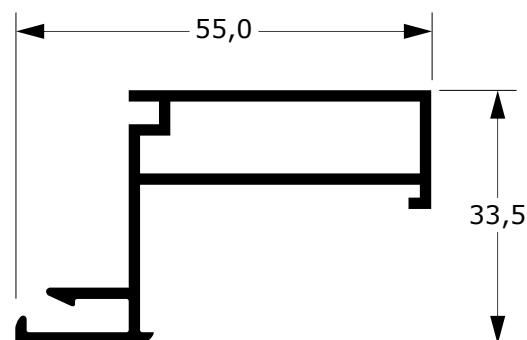
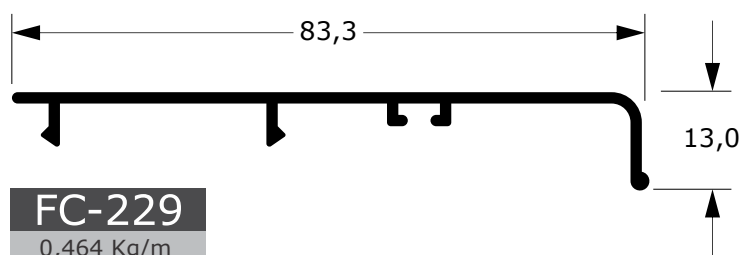
**FC-222**

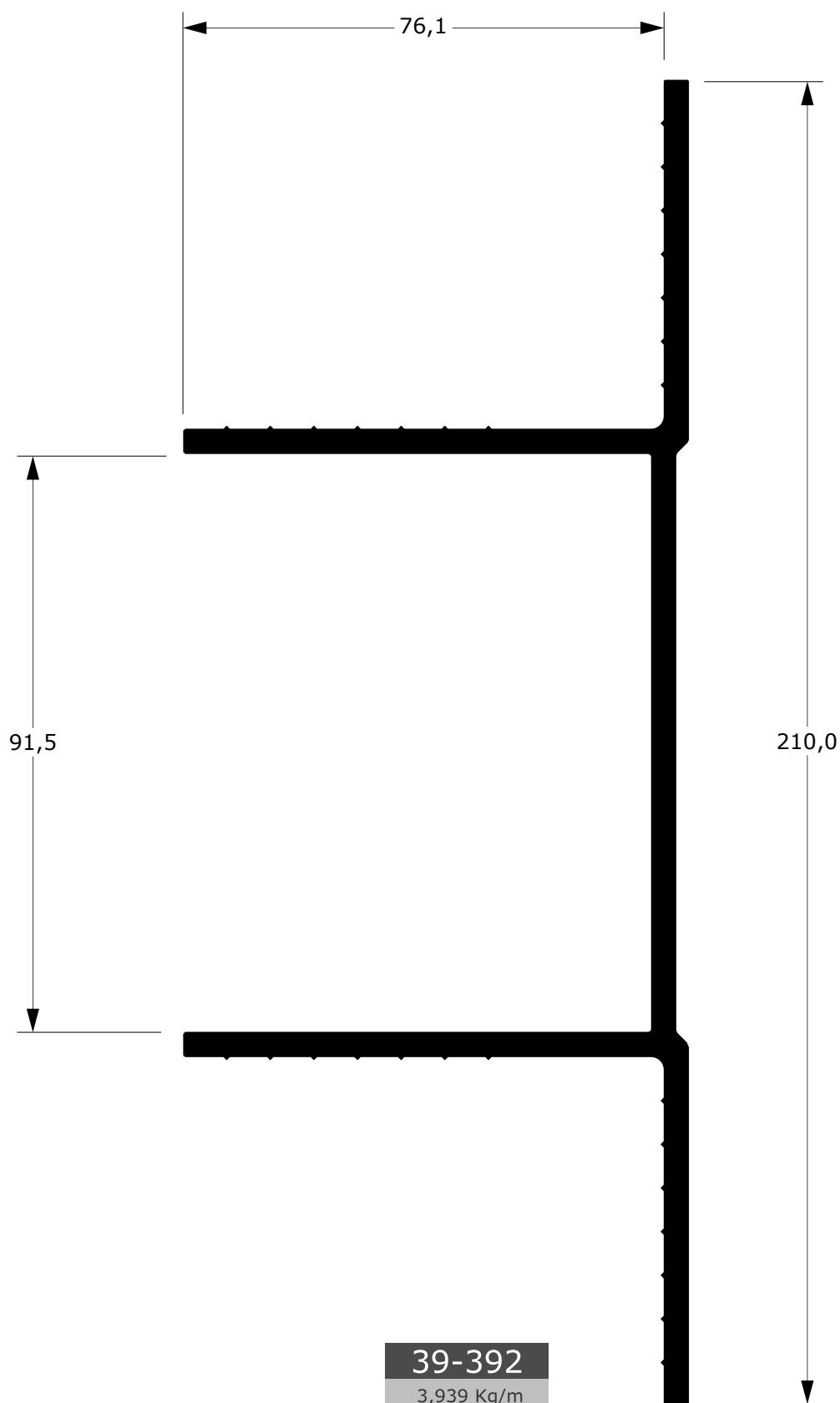
0,757 Kg/m

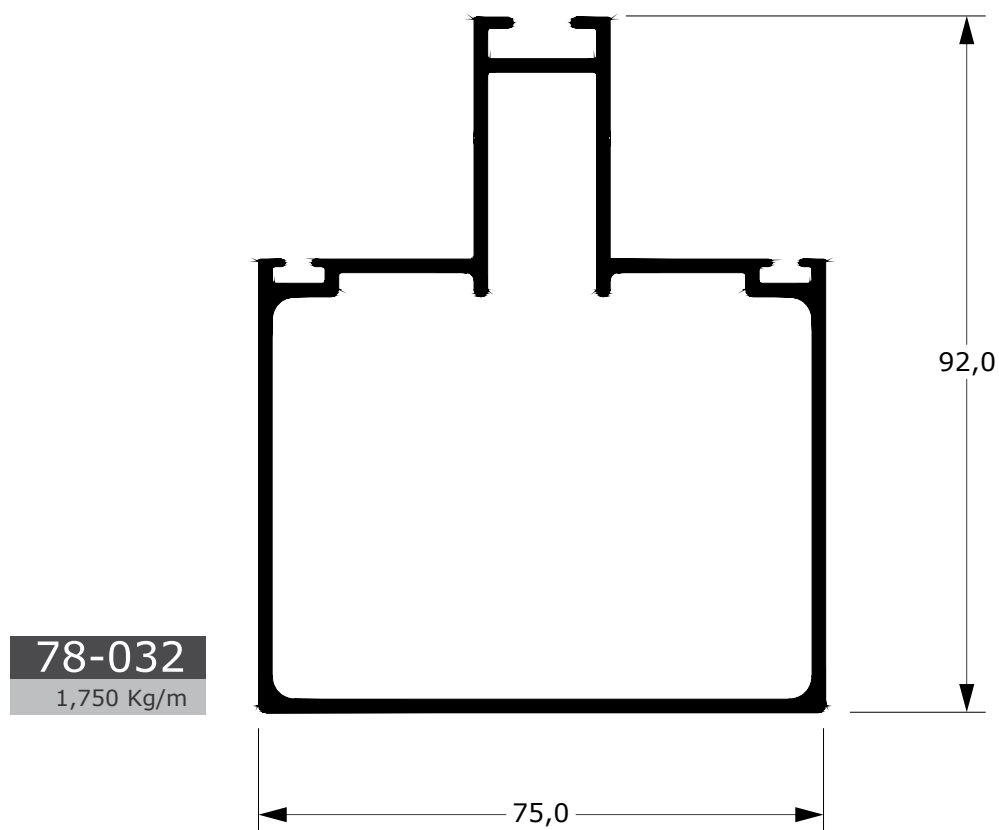
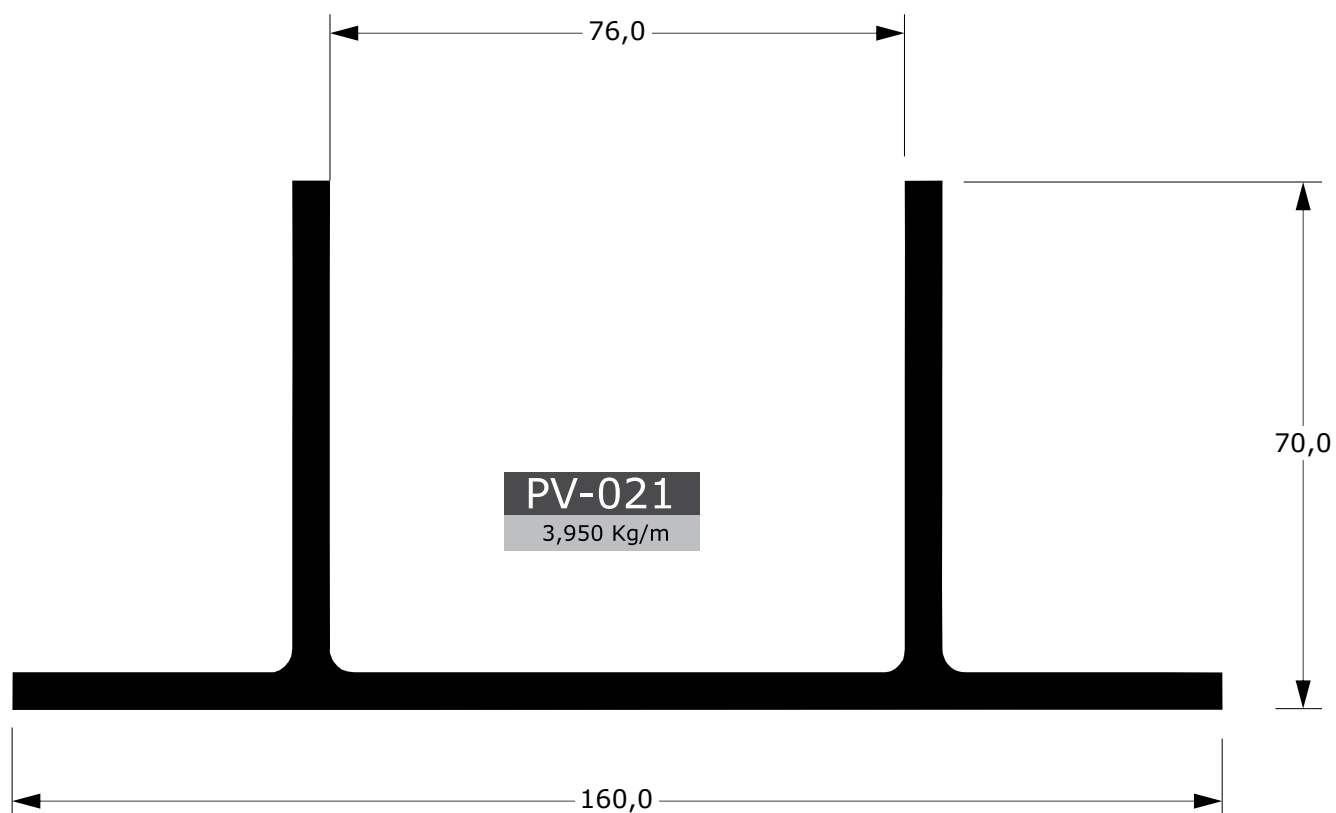
**FC-227**

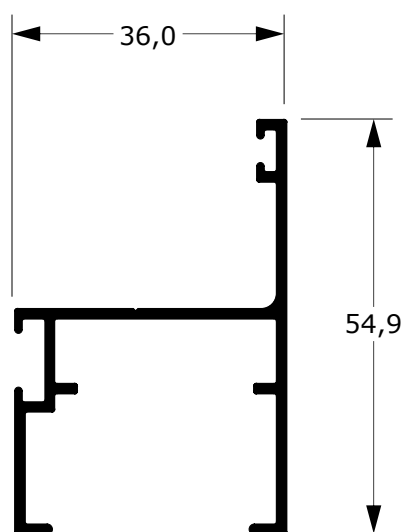
0,675 Kg/m



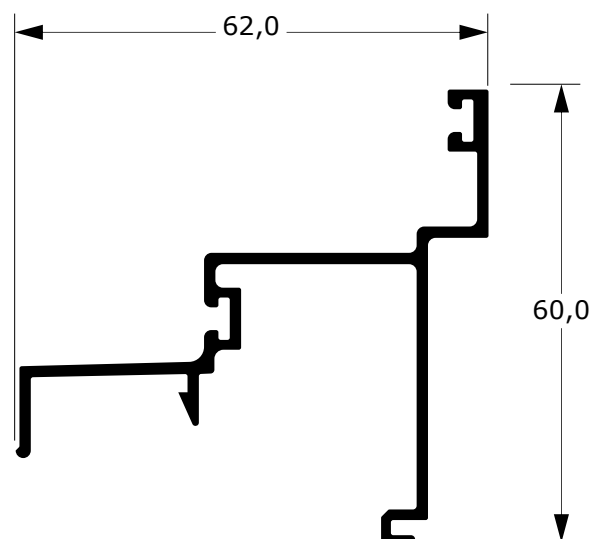




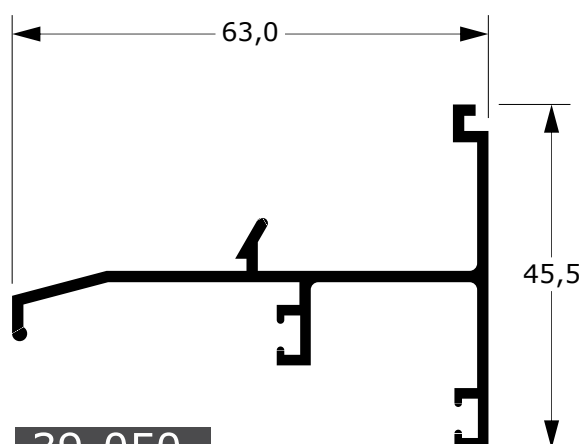


**FC-170**

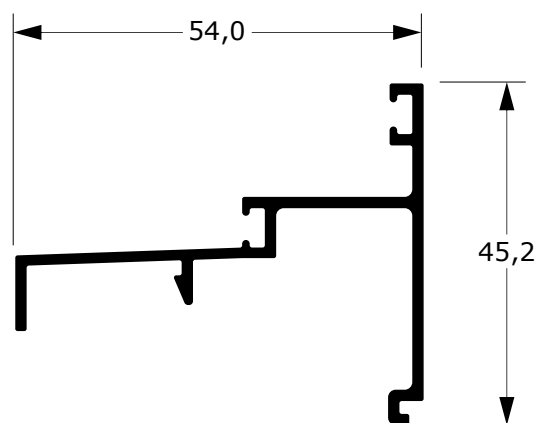
0,543 Kg/m

**39-487**

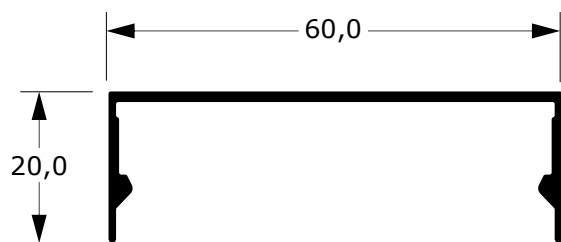
0,738 Kg/m

**39-050**

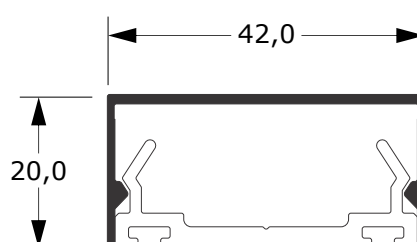
0,608 Kg/m

**39-051**

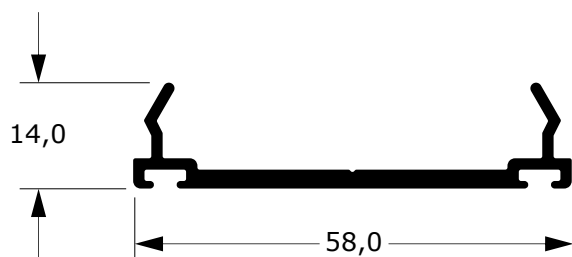
0,541 Kg/m

**FC-544**

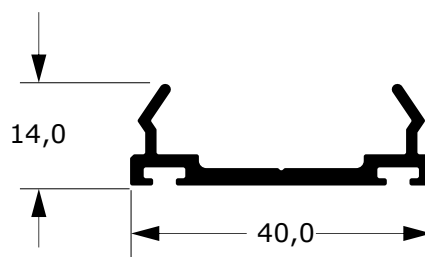
0,380 Kg/m

**U-621**

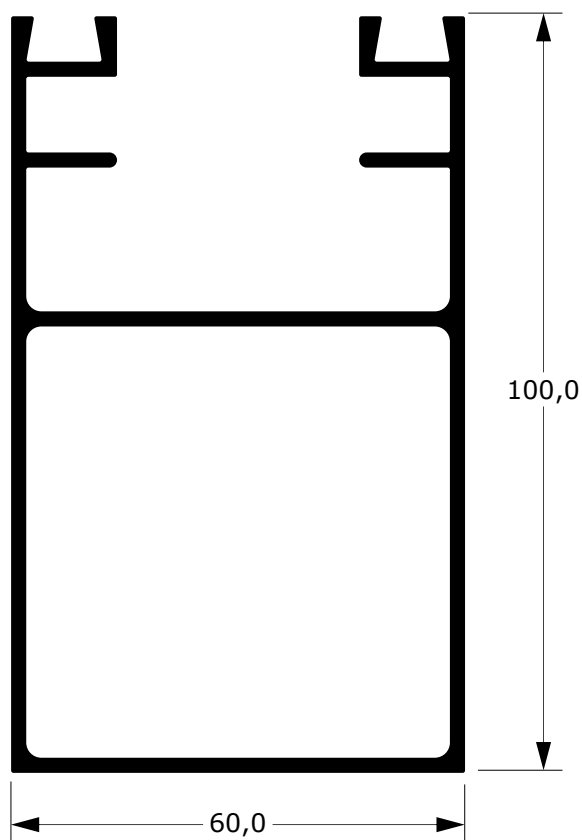
0,264 Kg/m

**FC-419**

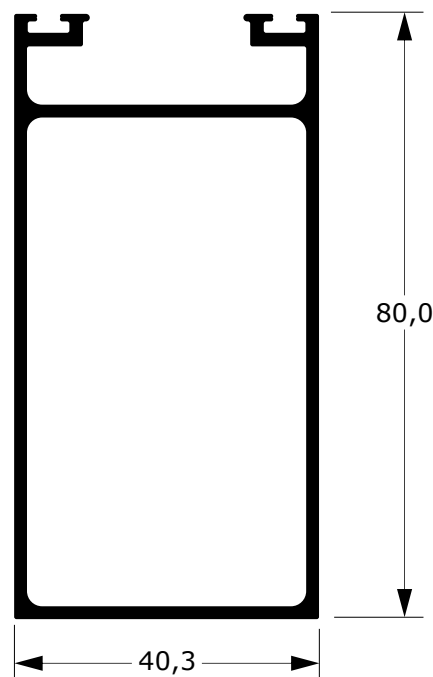
0,484 Kg/m

**U-615**

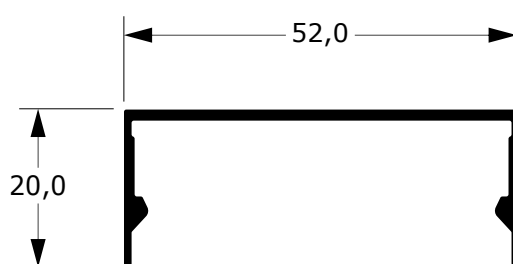
0,379 Kg/m

**A-025**

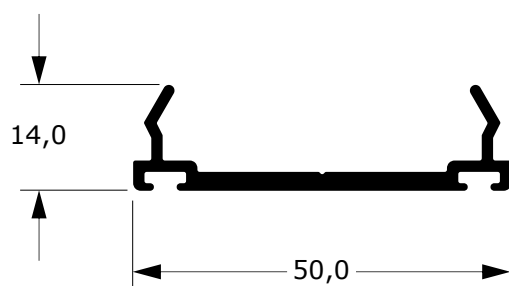
2,061 Kg/m

**A-072**

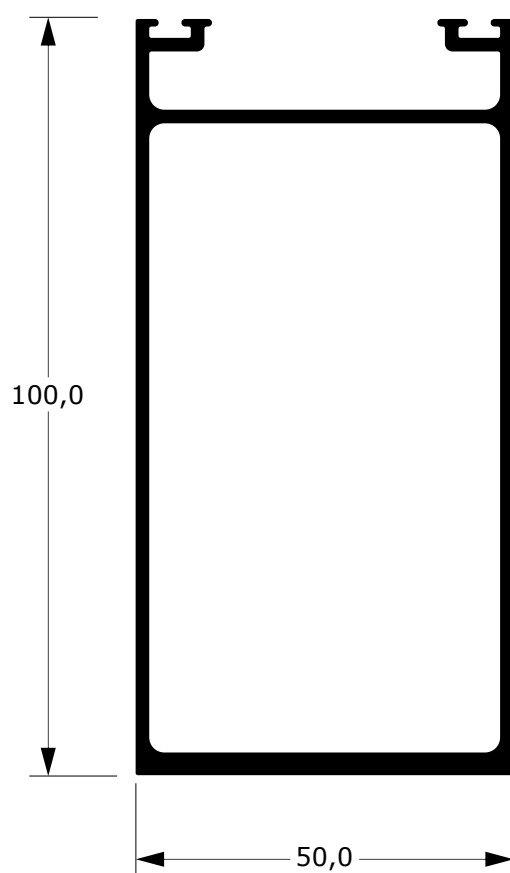
1,206 Kg/m

**FC-542**

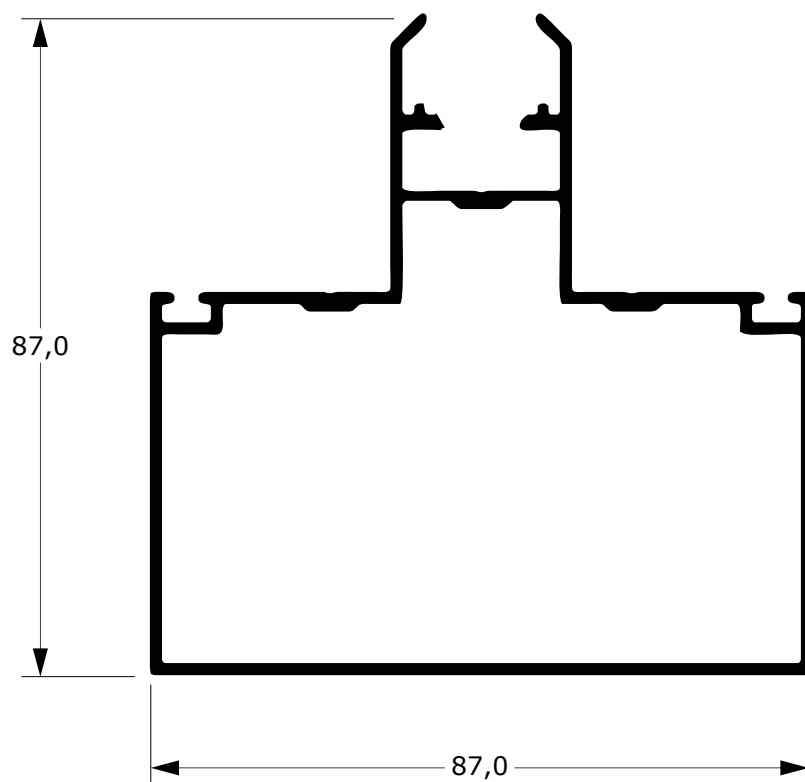
0,350 Kg/m

**FC-543**

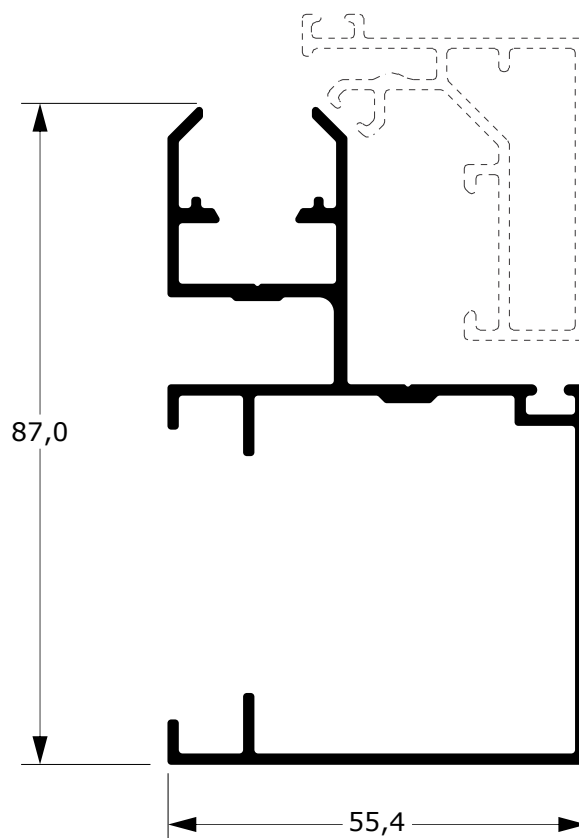
0,430 Kg/m

**FC-017**

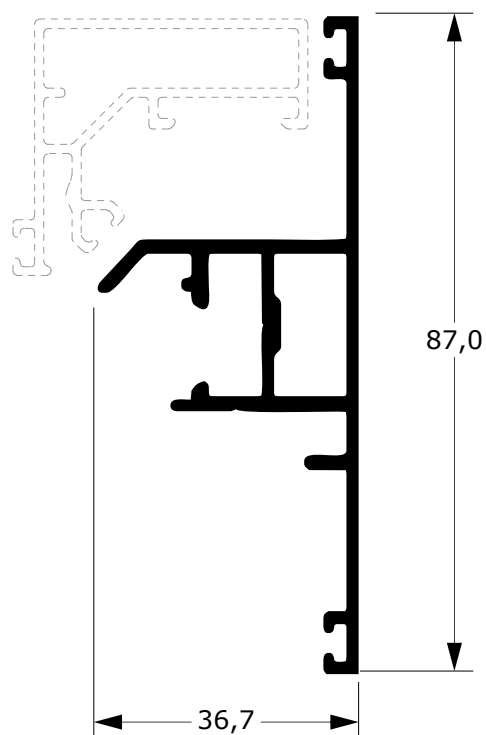
1,705 Kg/m

**SK-001**

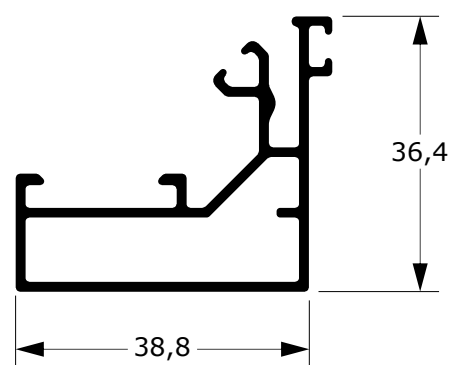
1,569 Kg/m

**SK-002**

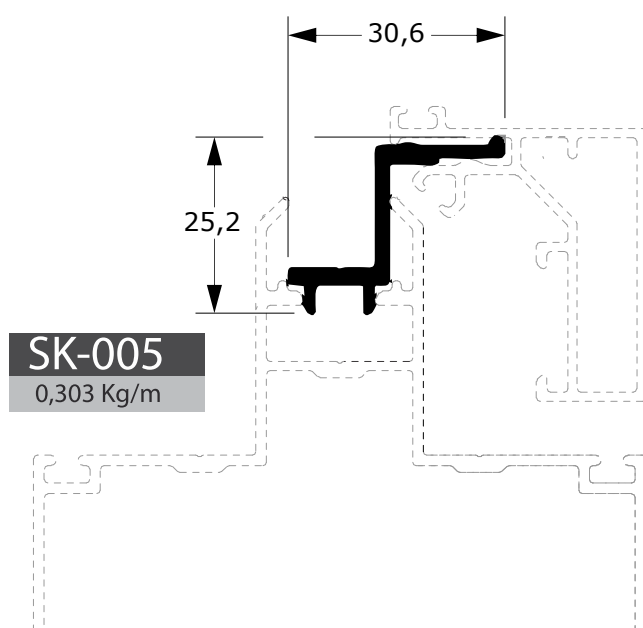
1,238 Kg/m



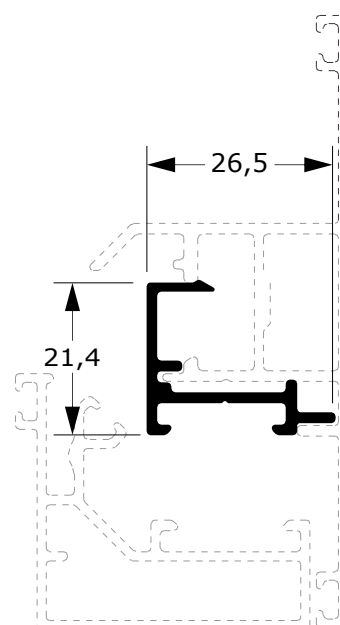
SK-003
0,775 Kg/m



SK-004
0,615 Kg/m



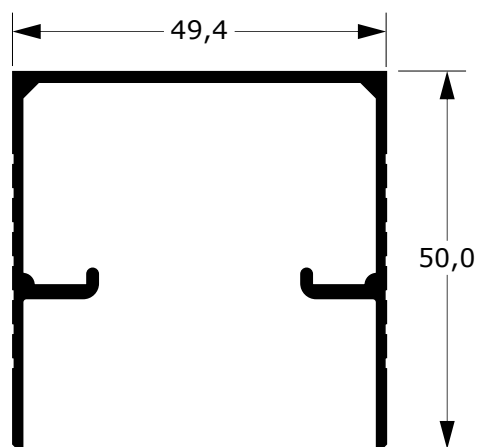
SK-005
0,303 Kg/m



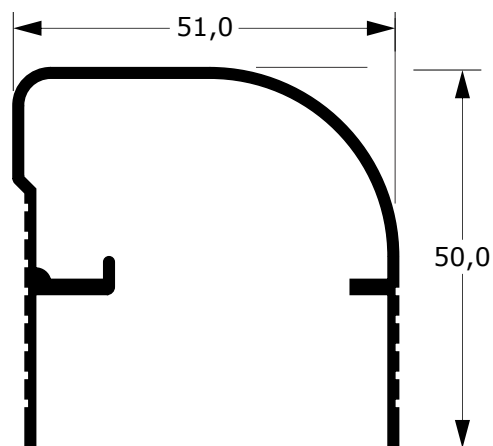
SK-006
0,279 Kg/m

BOX FRISADO
BOX LISO
BOX TEMPERADO

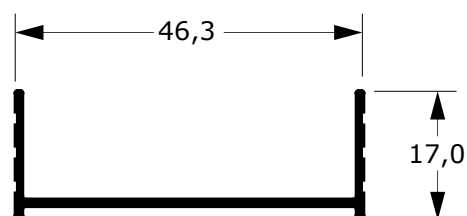
[illegible]

**U-655**

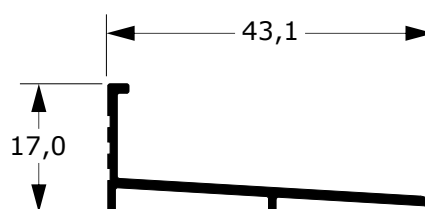
0,645 Kg/m

**39-206**

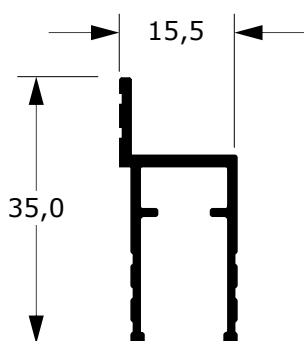
0,594 Kg/m

**U-653**

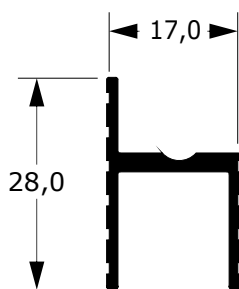
0,246 Kg/m

**29-040**

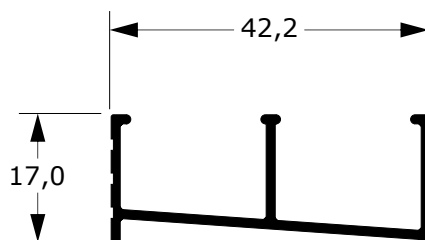
0,203 Kg/m

**Y-310**

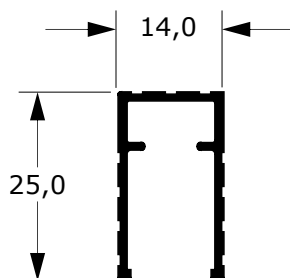
0,302 Kg/m

**Y-311**

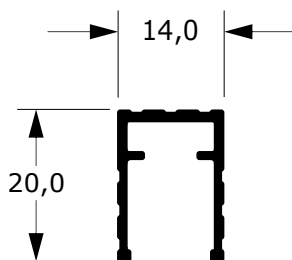
0,263 Kg/m

**E-256**

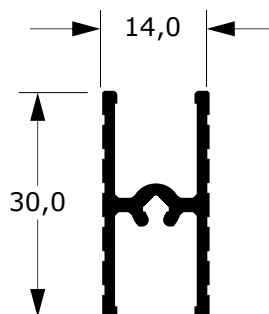
0,290 Kg/m

**U-1002**

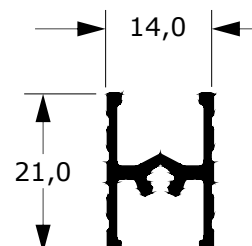
0,213 Kg/m

**U-1002 A**

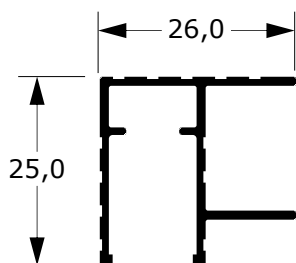
0,182 Kg/m

**I-154**

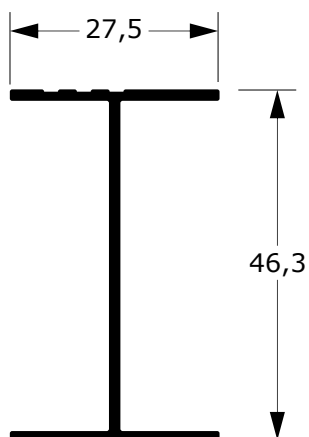
0,306 Kg/m

**I-154 A**

0,212 Kg/m

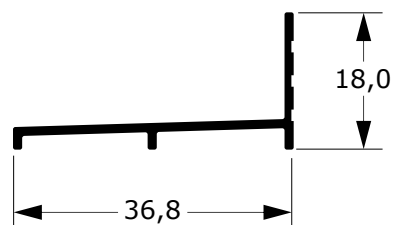
**Y-308**

0,278 Kg/m

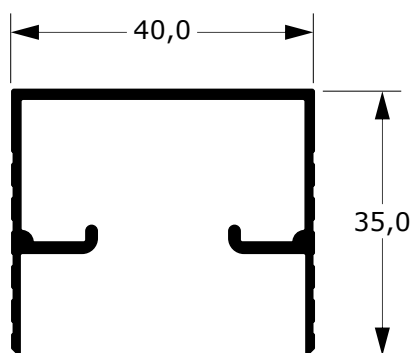
**44-018**

0,389 Kg/m

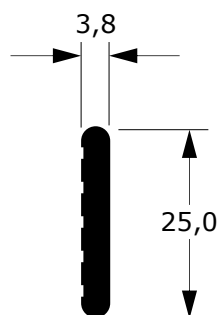
(I-155)

**29-122**

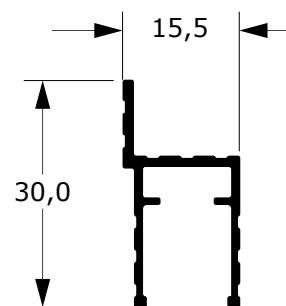
0,183 Kg/m

**39-558**

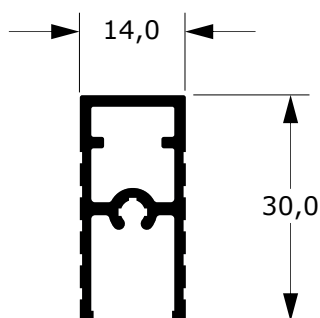
0,445 Kg/m

**BAR-4024**

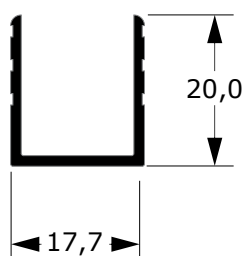
0,240 Kg/m

**60-012**

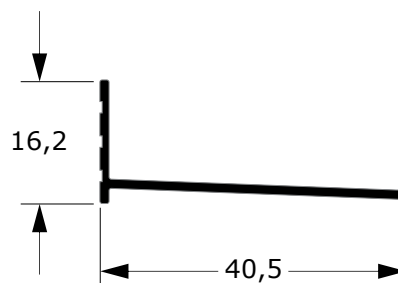
0,227 Kg/m

**A-087**

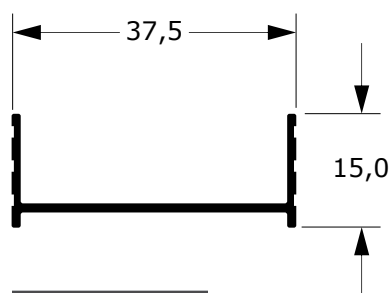
0,365 Kg/m

**U-654**

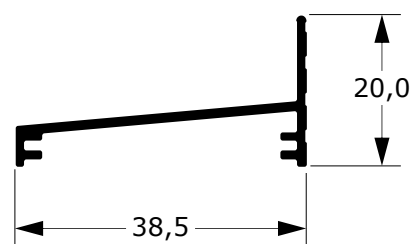
0,198 Kg/m

**39-564**

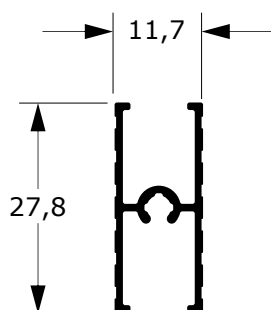
0,215 Kg/m

**39-563**

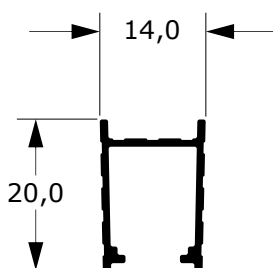
0,204 Kg/m

**29-173**

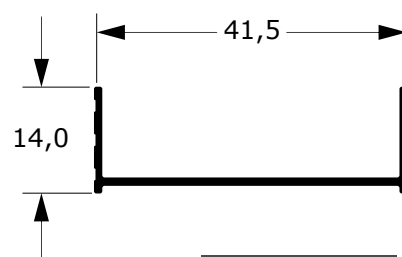
0,228 Kg/m

**44-032**

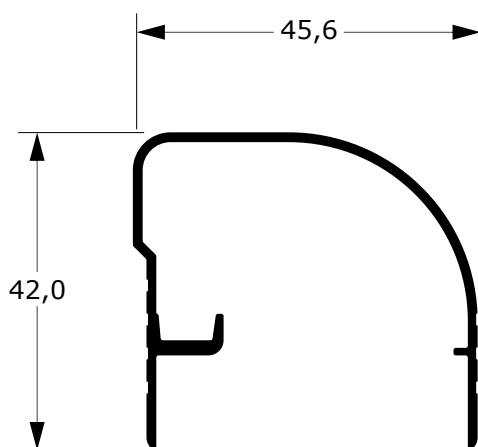
0,213 Kg/m

**39-849**

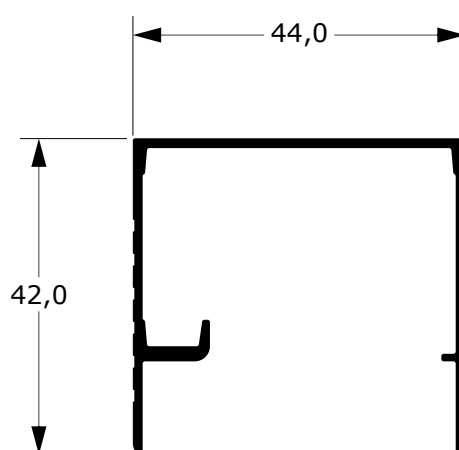
0,161 Kg/m

**39-848**

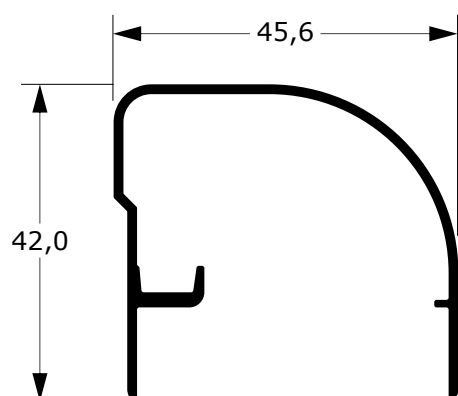
0,195 Kg/m

**39-850**

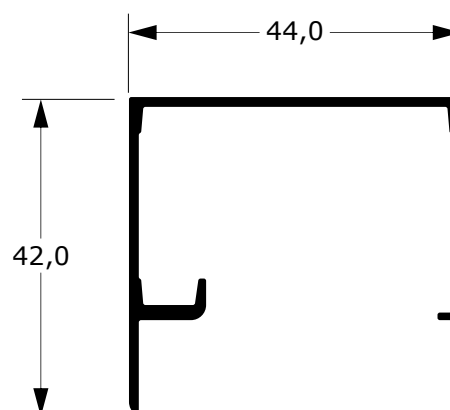
0,465 Kg/m

**39-851**

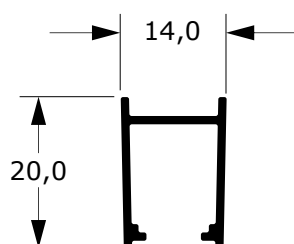
0,504 Kg/m

**39-896**

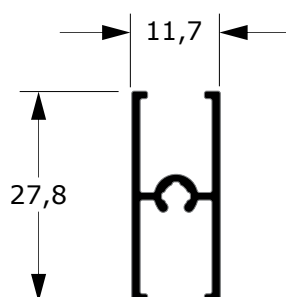
0,471 Kg/m

**39-897**

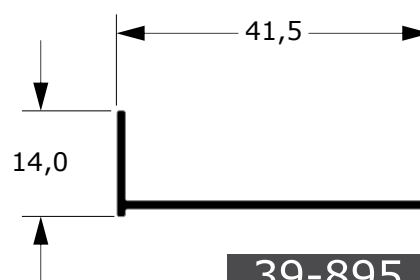
0,514 Kg/m

**39-898**

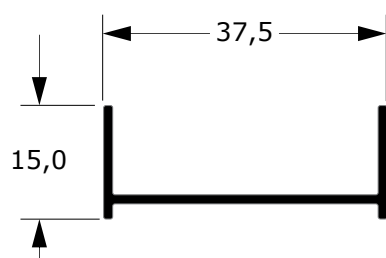
0,170 Kg/m

**44-035**

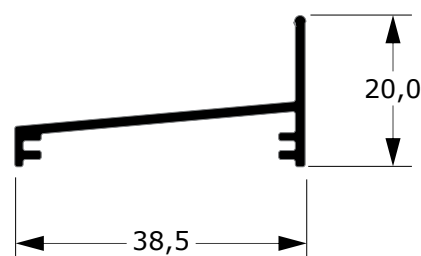
0,223 Kg/m

**39-895**

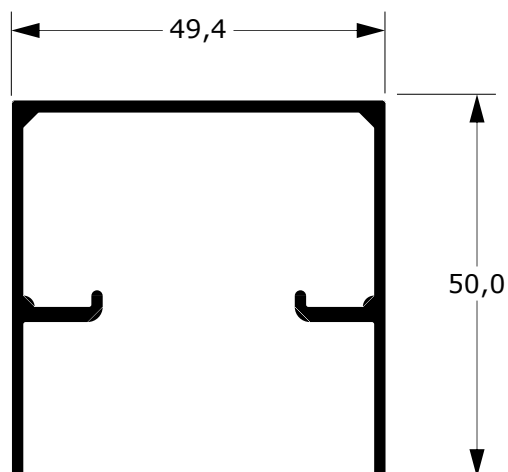
0,200 Kg/m

**39-894**

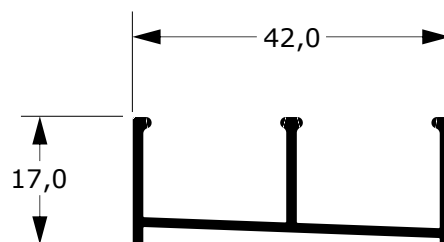
0,211 Kg/m

**29-175**

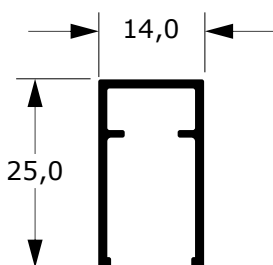
0,231 Kg/m

**U-397**

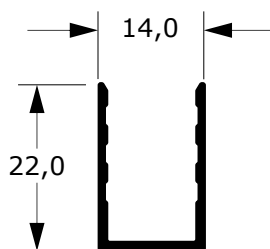
0,620 Kg/m

**E-117**

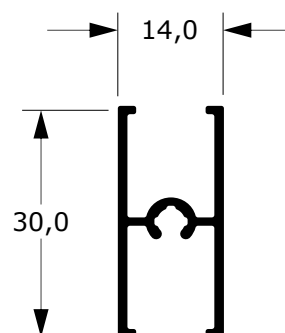
0,334 Kg/m

**U-1056**

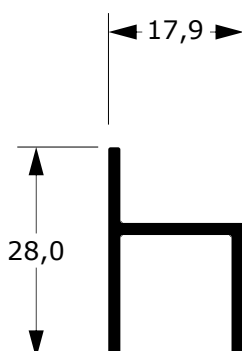
0,228 Kg/m

**39-956**

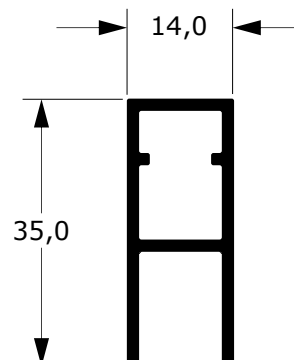
0,166 Kg/m

**I-083**

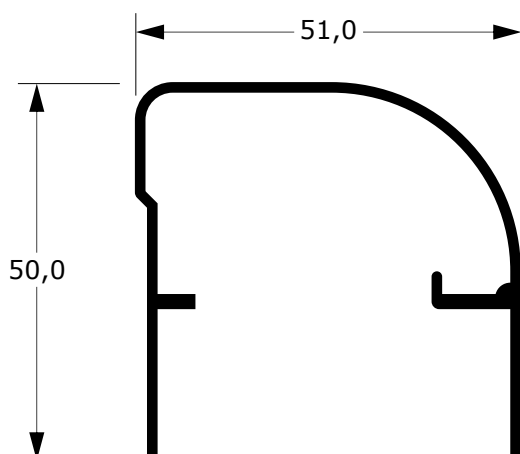
0,320 Kg/m

**Y-107**

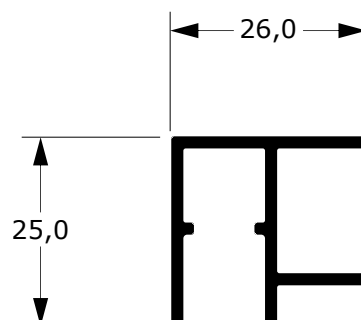
0,262 Kg/m

**A-022**

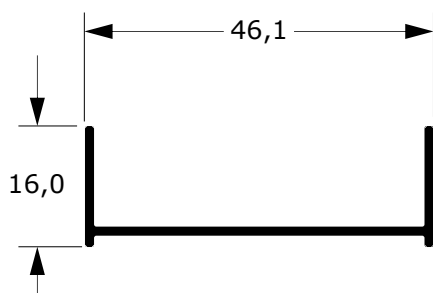
0,409 Kg/m

**39-255**

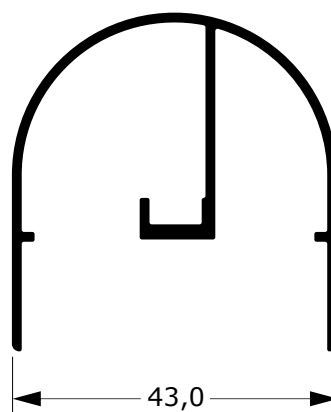
0,615 Kg/m

**Y-105**

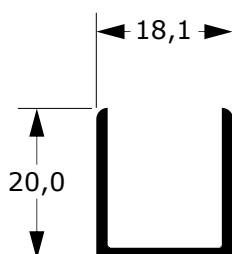
0,388 Kg/m

**U-399**

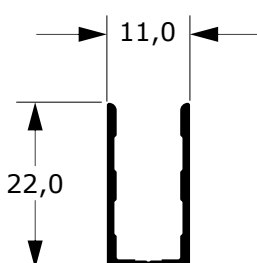
0,245 Kg/m

**39-1006**

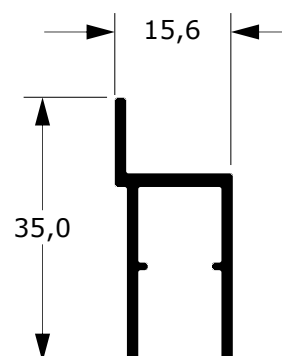
0,568 Kg/m

**U-398**

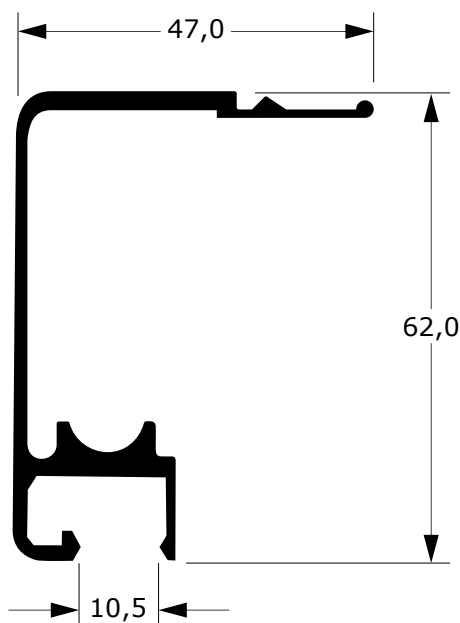
0,220 Kg/m

**39-639**

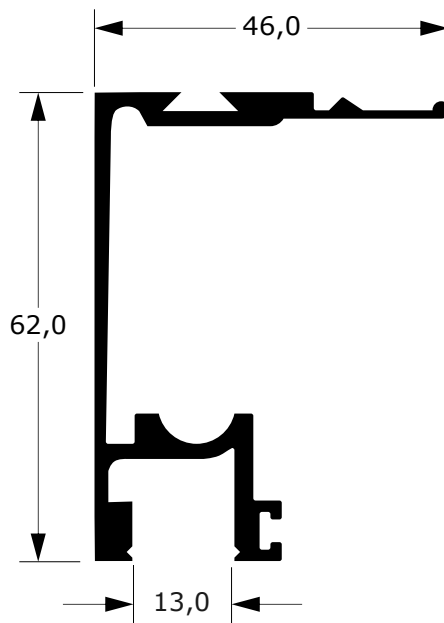
0,167 Kg/m

**Y-106**

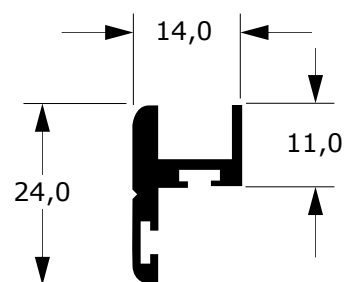
0,311 Kg/m

**29-027**

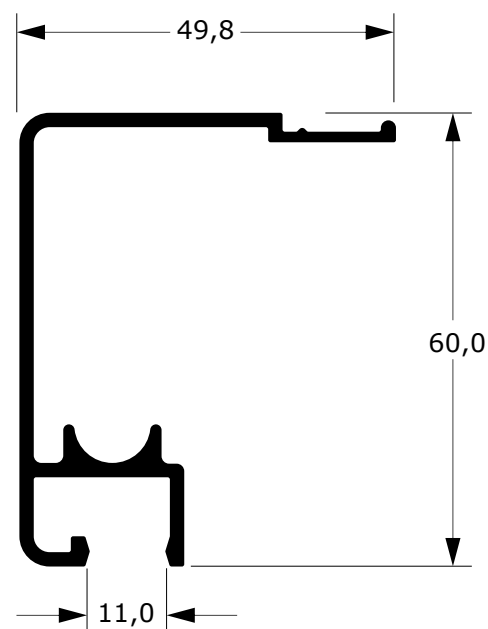
0,803 Kg/m

**29-176**

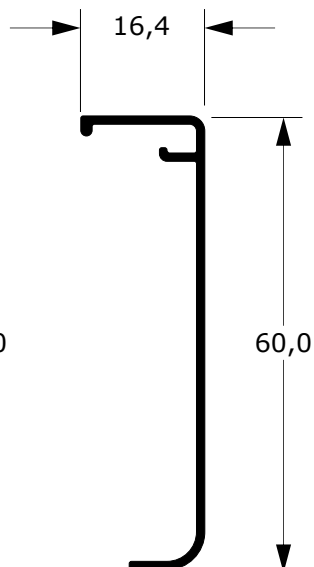
0,956 Kg/m

**Y-343**

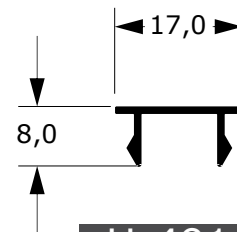
0,275 Kg/m

**29-194**

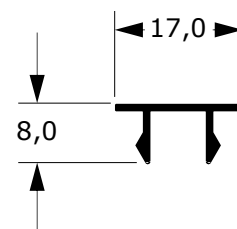
0,819 Kg/m

**39-957**

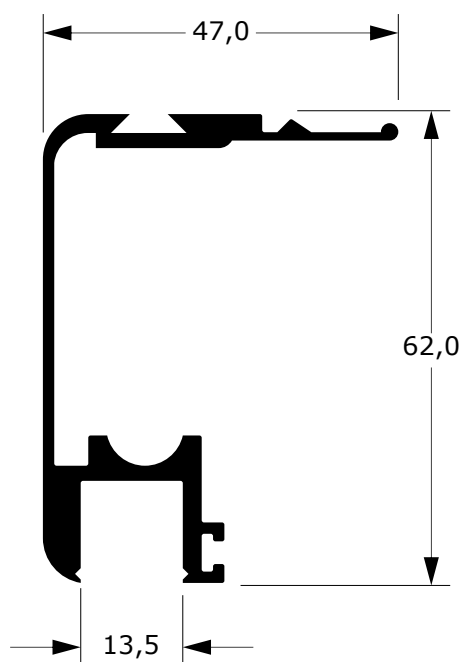
0,264 Kg/m

**U-491**

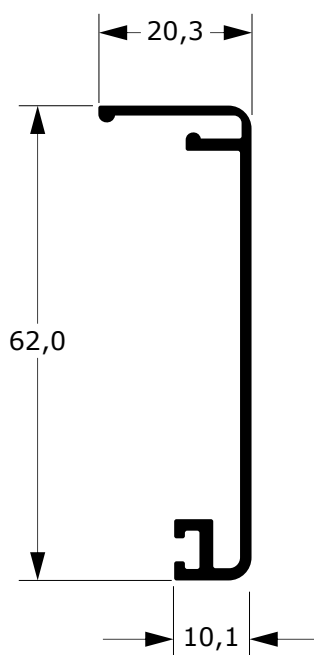
0,093 Kg/m

**39-128**

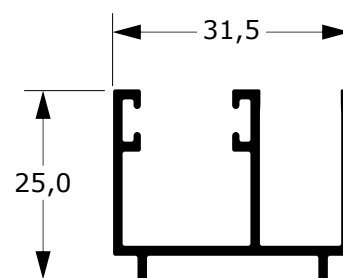
0,093 Kg/m

**L-713 A**

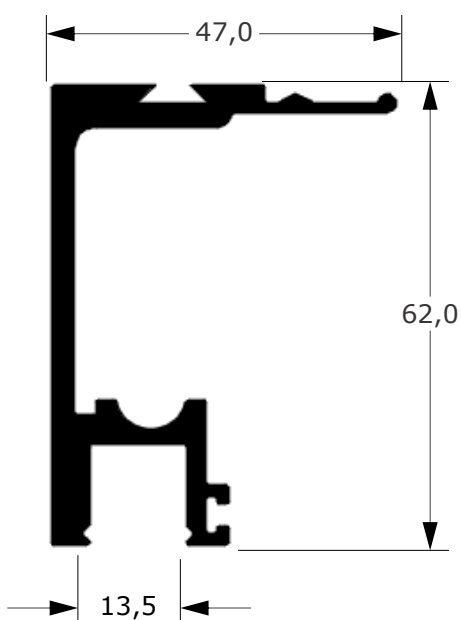
0,970 Kg/m

**E-512 A**

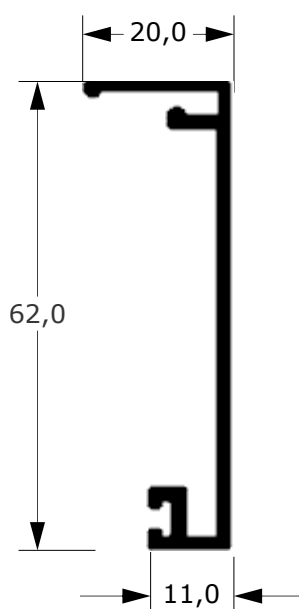
0,433 Kg/m

**39-025**

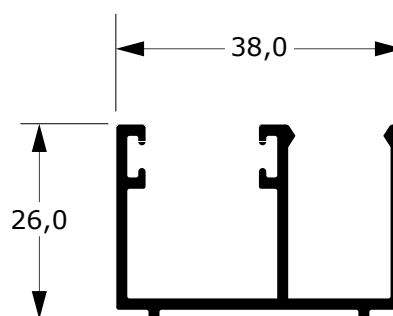
0,358 Kg/m

**L-713**

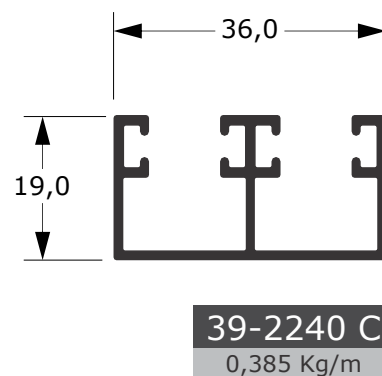
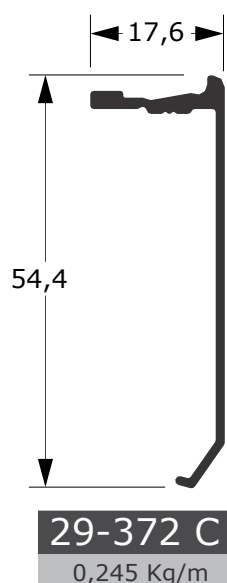
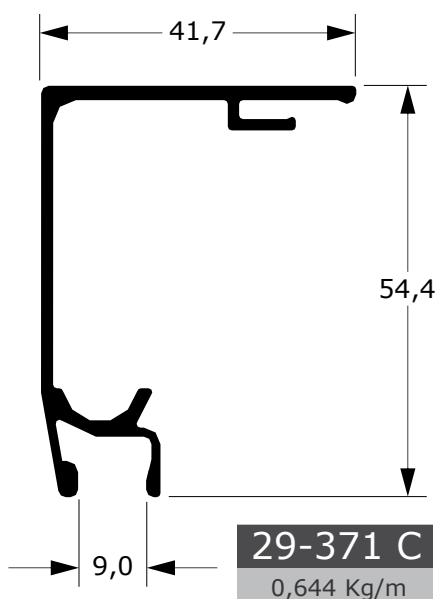
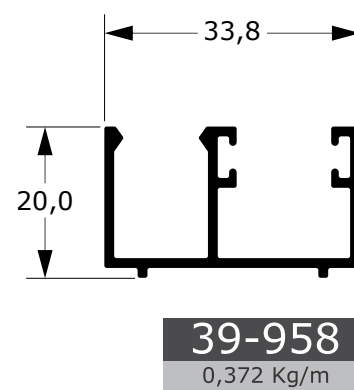
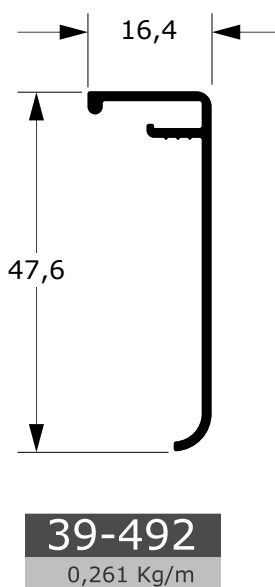
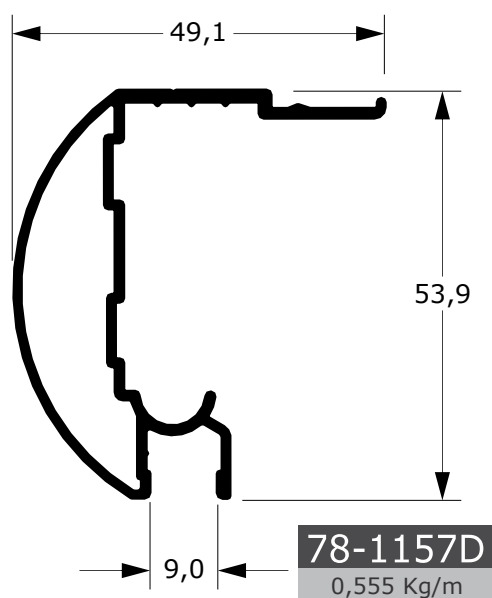
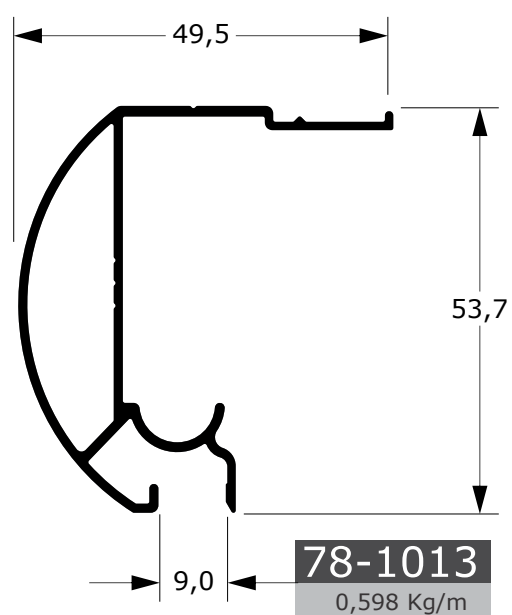
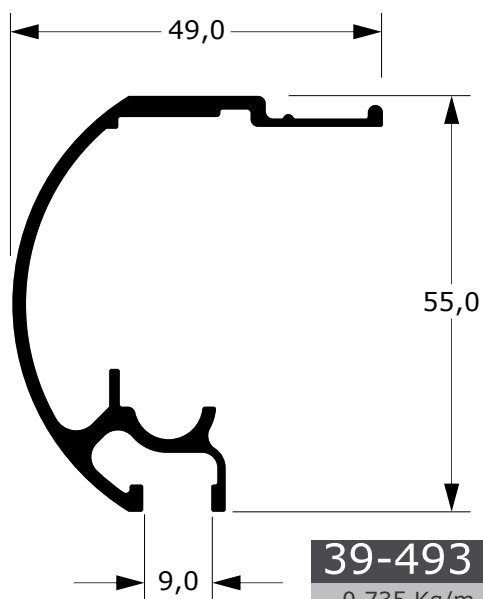
1,278 Kg/m

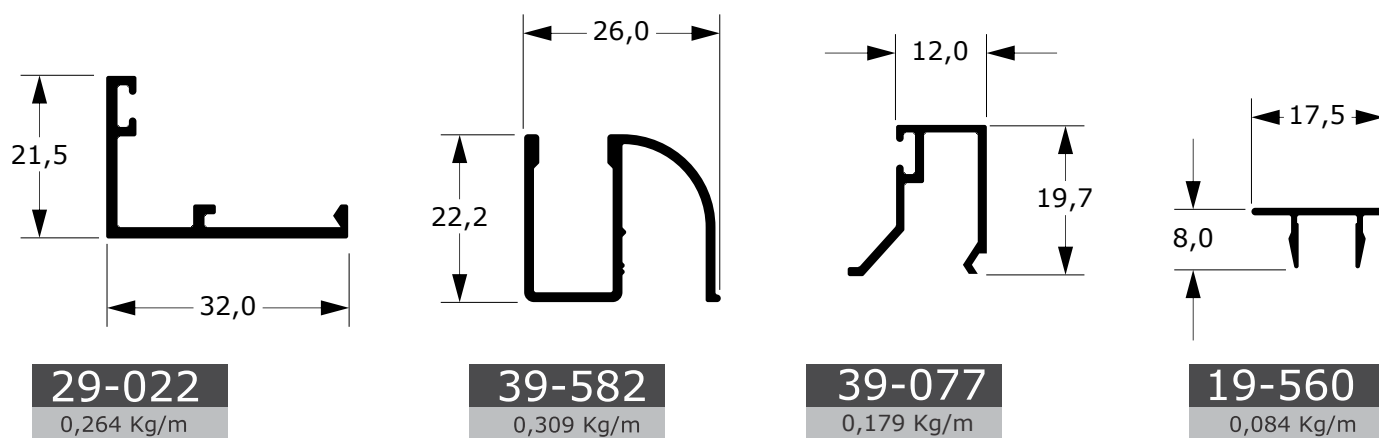
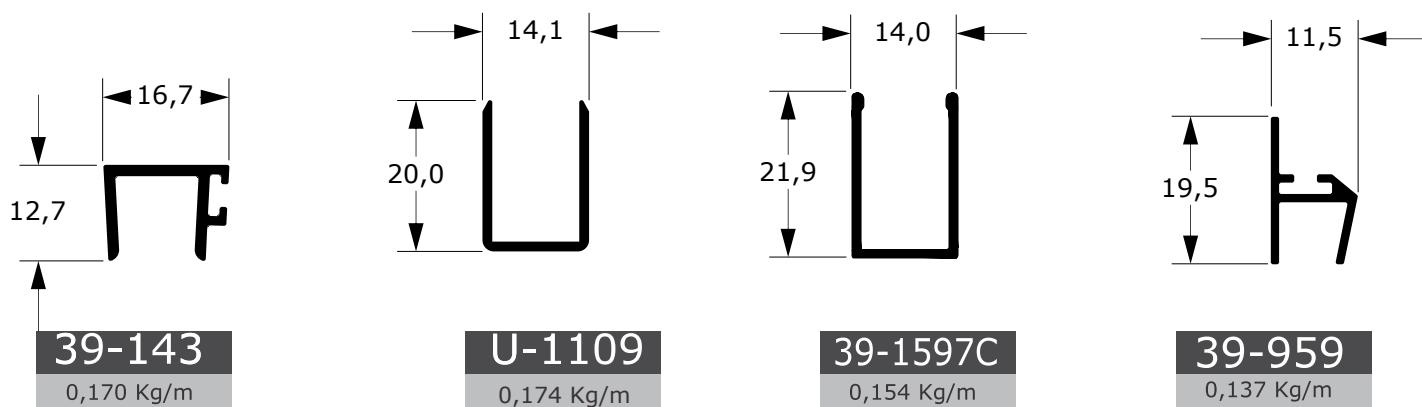
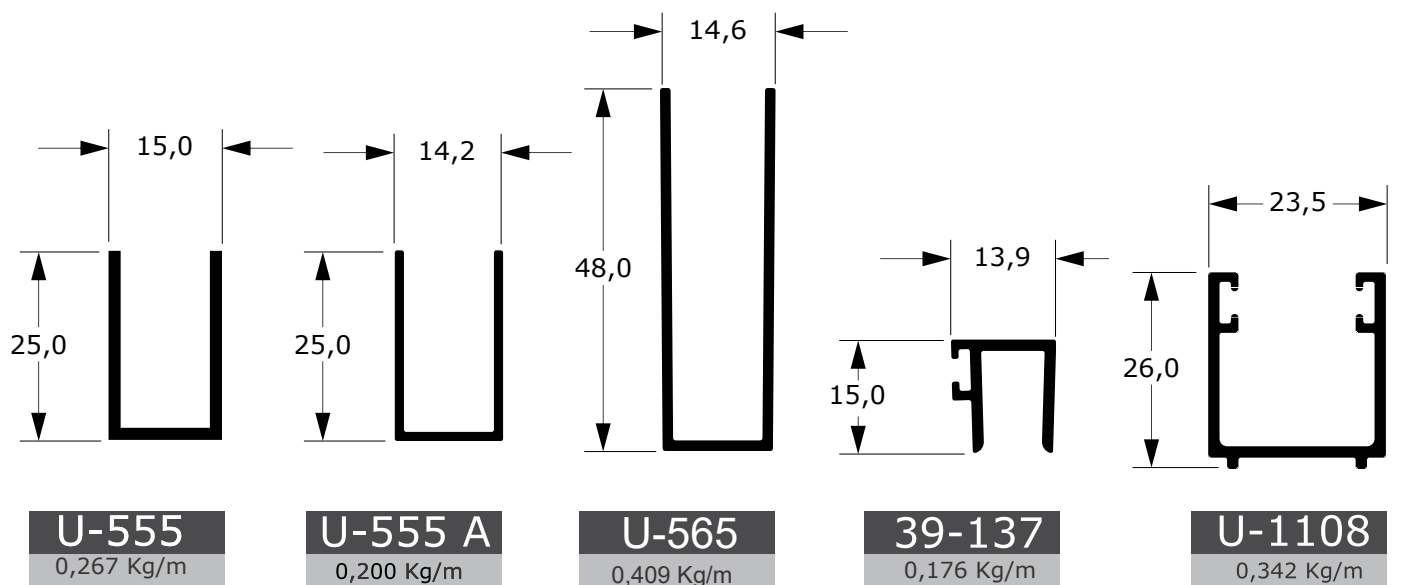
**E-512**

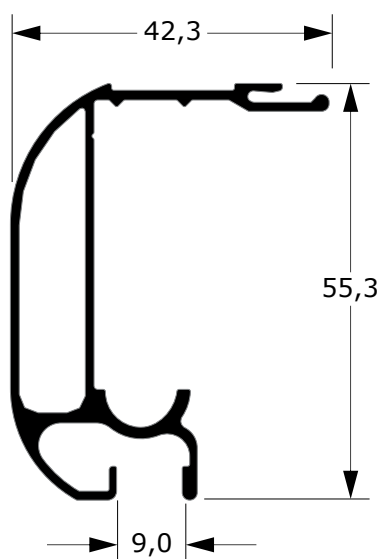
0,435 Kg/m

**E-306**

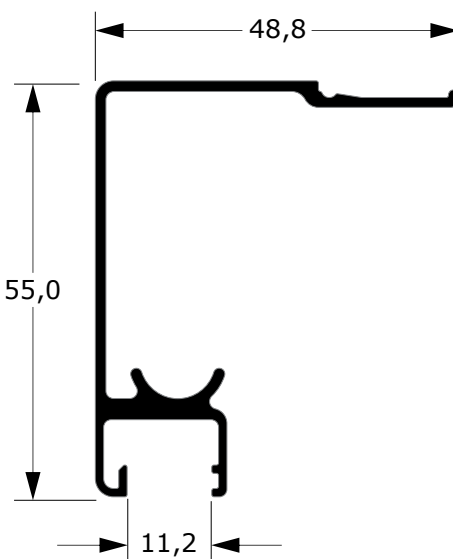
0,404 Kg/m



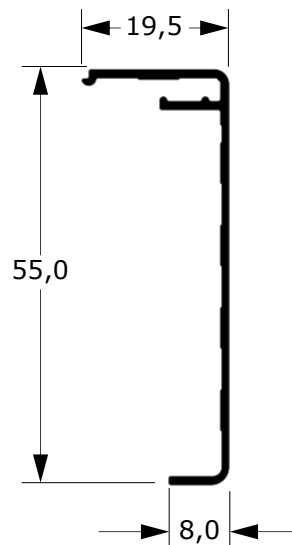


**78-1160D**

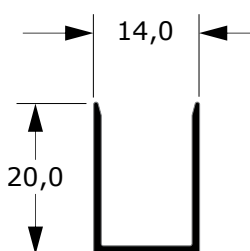
0,687 Kg/m

**29-241C**

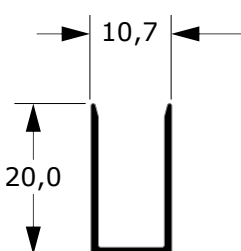
0,593 Kg/m

**39-1327C**

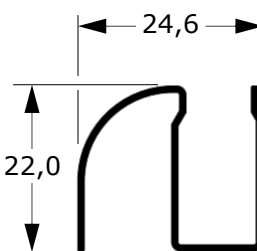
0,275 Kg/m

**31-044**

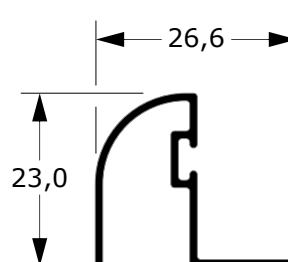
0,138 Kg/m

**31-045**

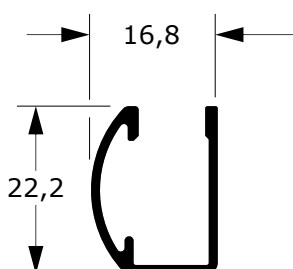
0,129 Kg/m

**39-1325C**

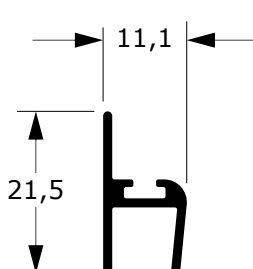
0,231 Kg/m

**39-1132C**

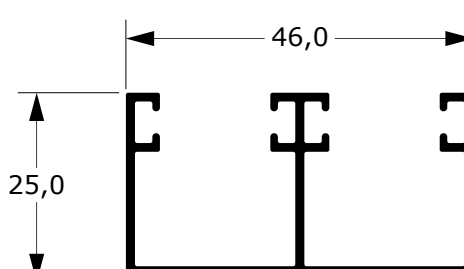
0,197 Kg/m

**39-335**

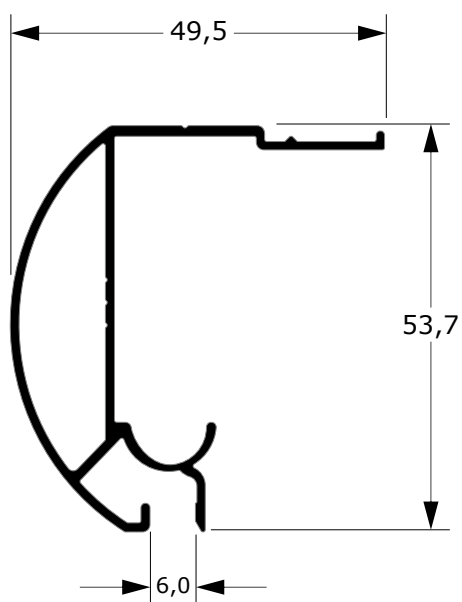
0,217 Kg/m

**60-014**

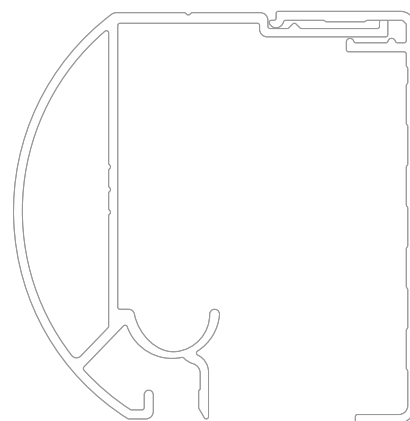
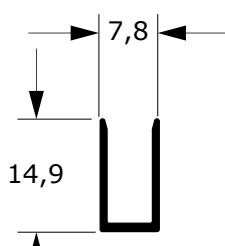
0,160 Kg/m

**39-1271C**

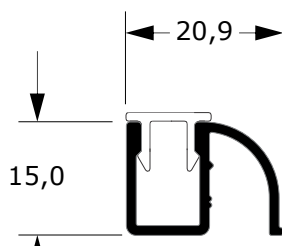
0,501 Kg/m

**78-1293D**

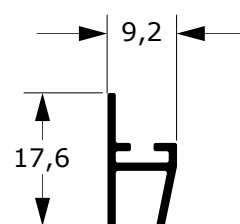
0,605 Kg/m

Esquema
de Montagem**31-066C**

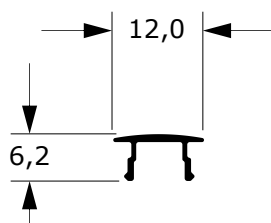
0,089 Kg/m

**39-1382C**

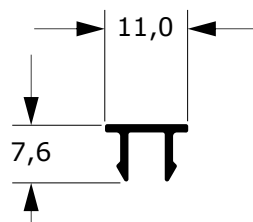
0,218 Kg/m

**39-1383C**

0,118 Kg/m

**39-336**

0,055 Kg/m

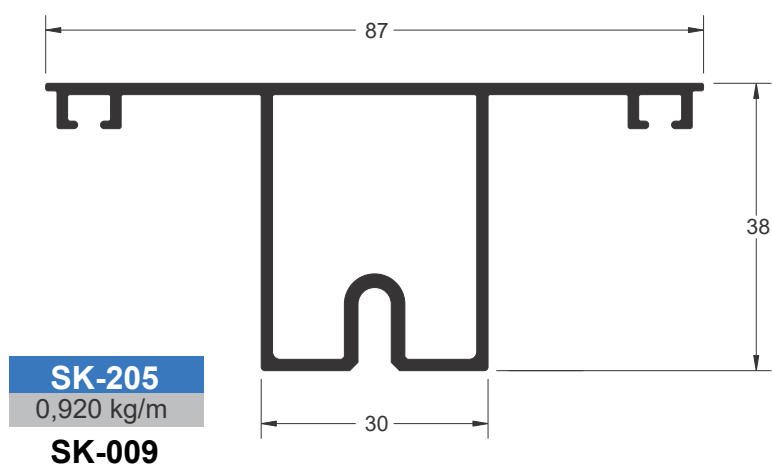
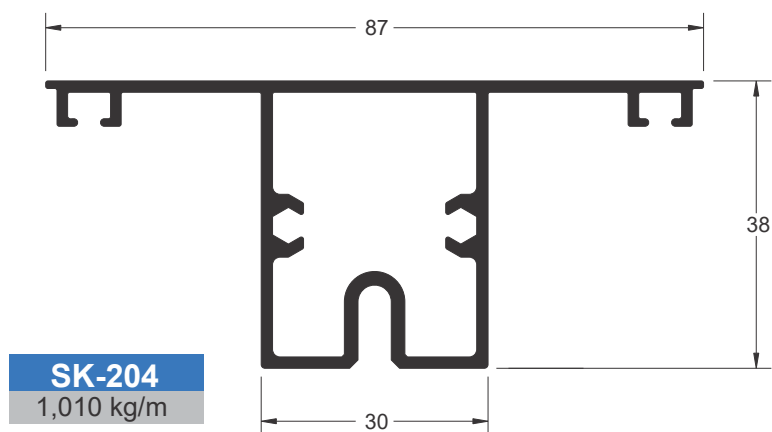
**39-1381C**

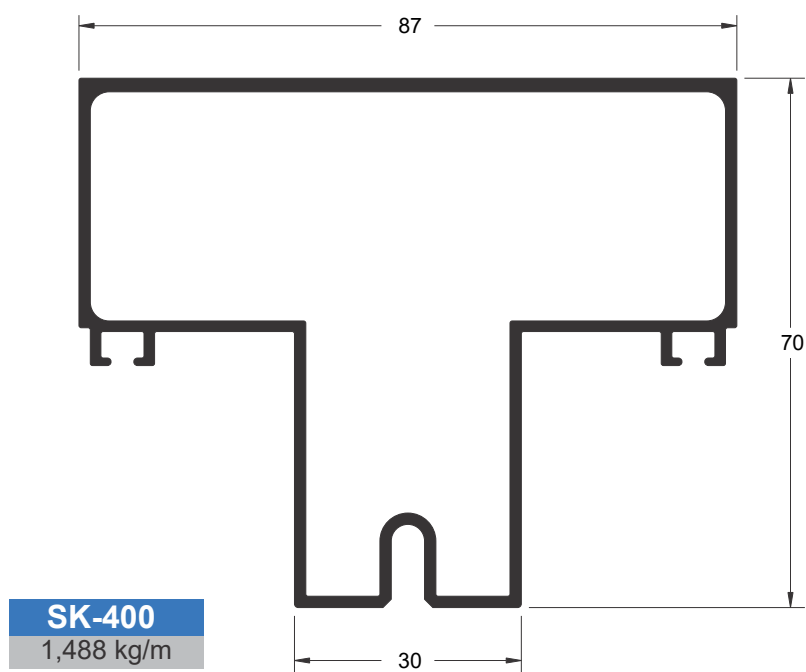
0,072 Kg/m

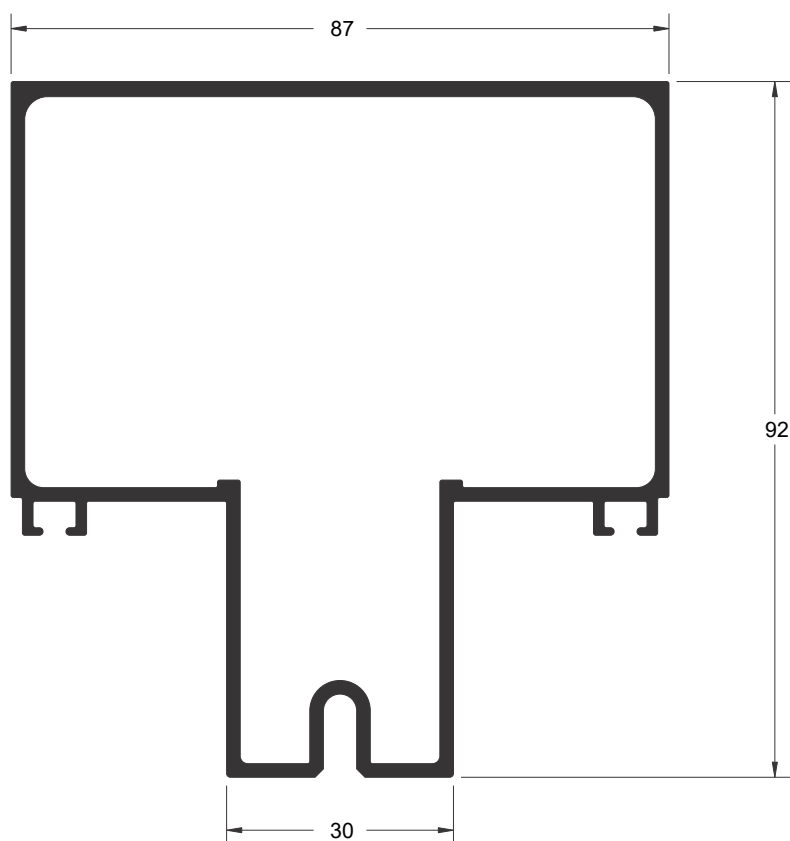
This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

FACHADA SKALLA II

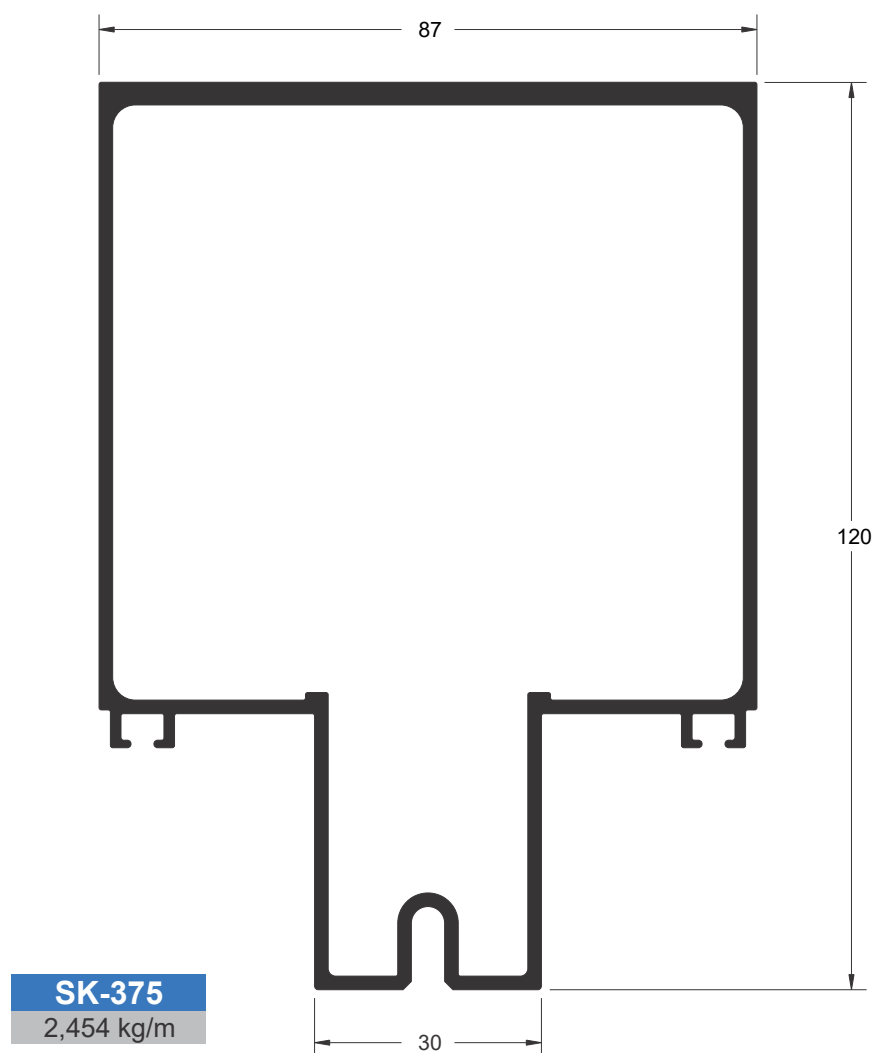


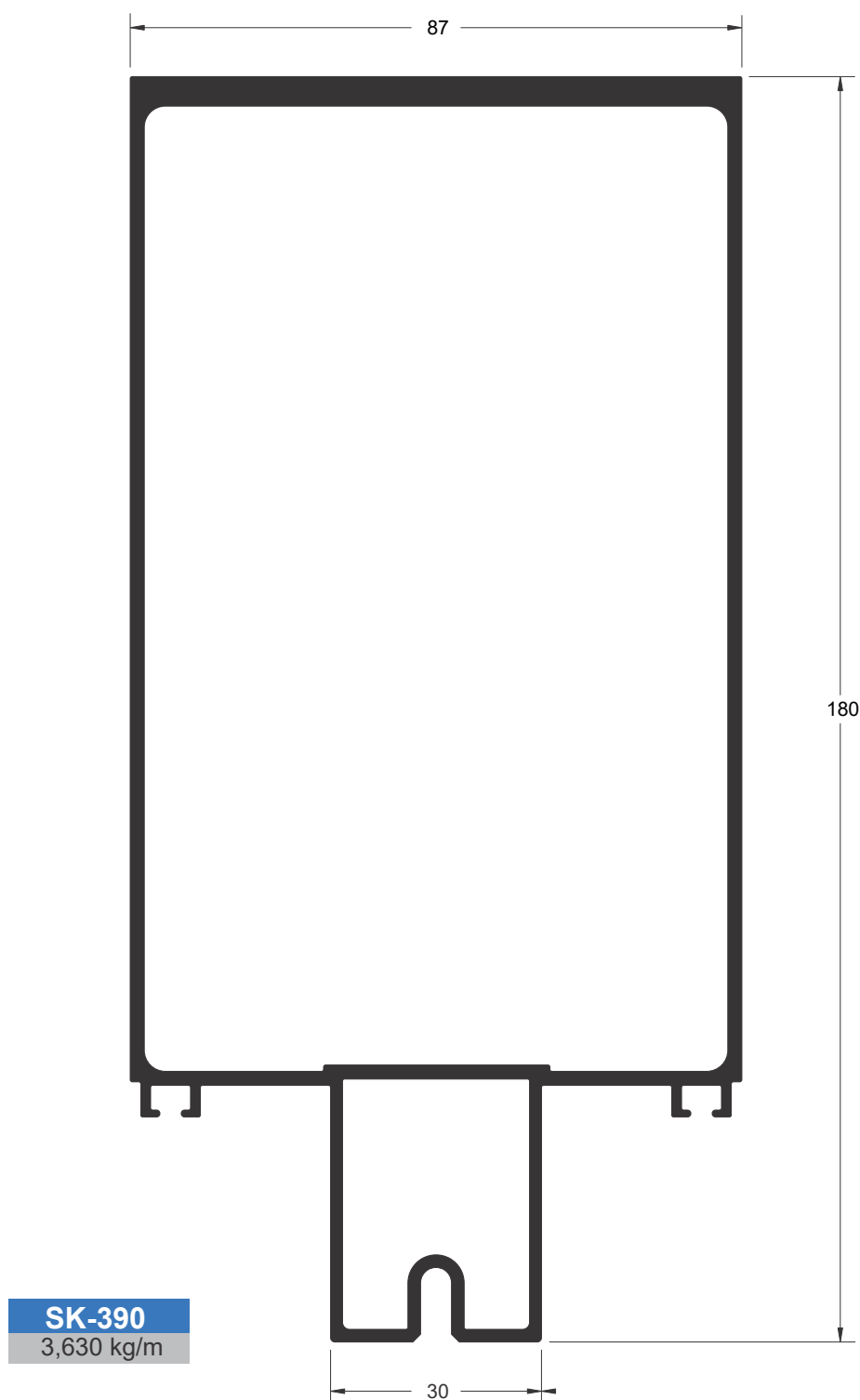


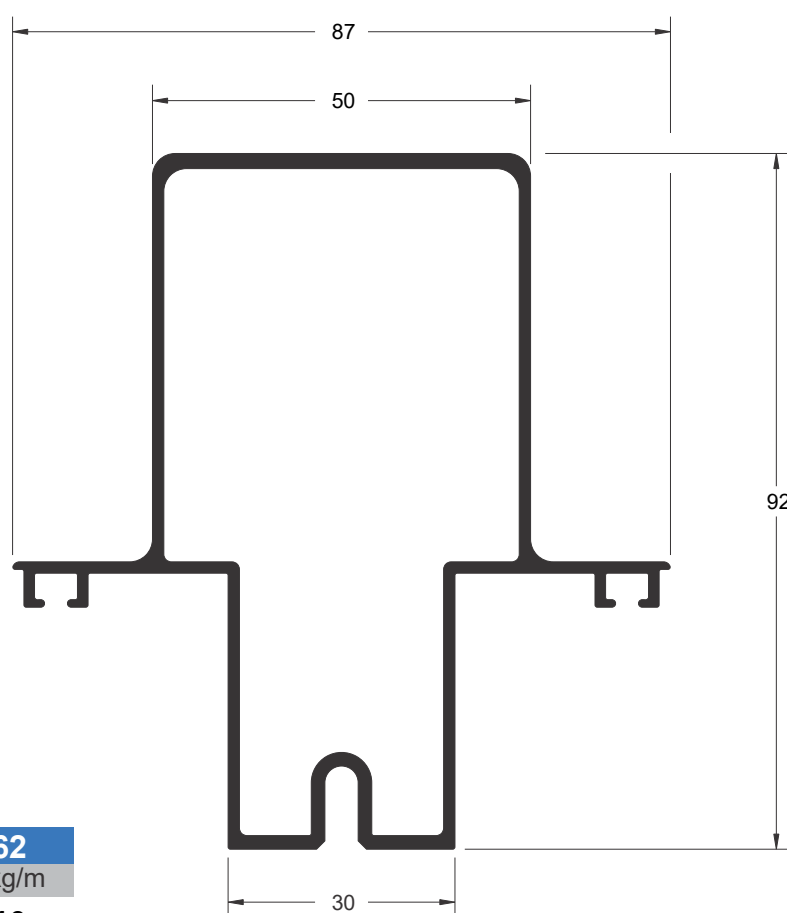
**SK-200**

1,952 kg/m

SK-007

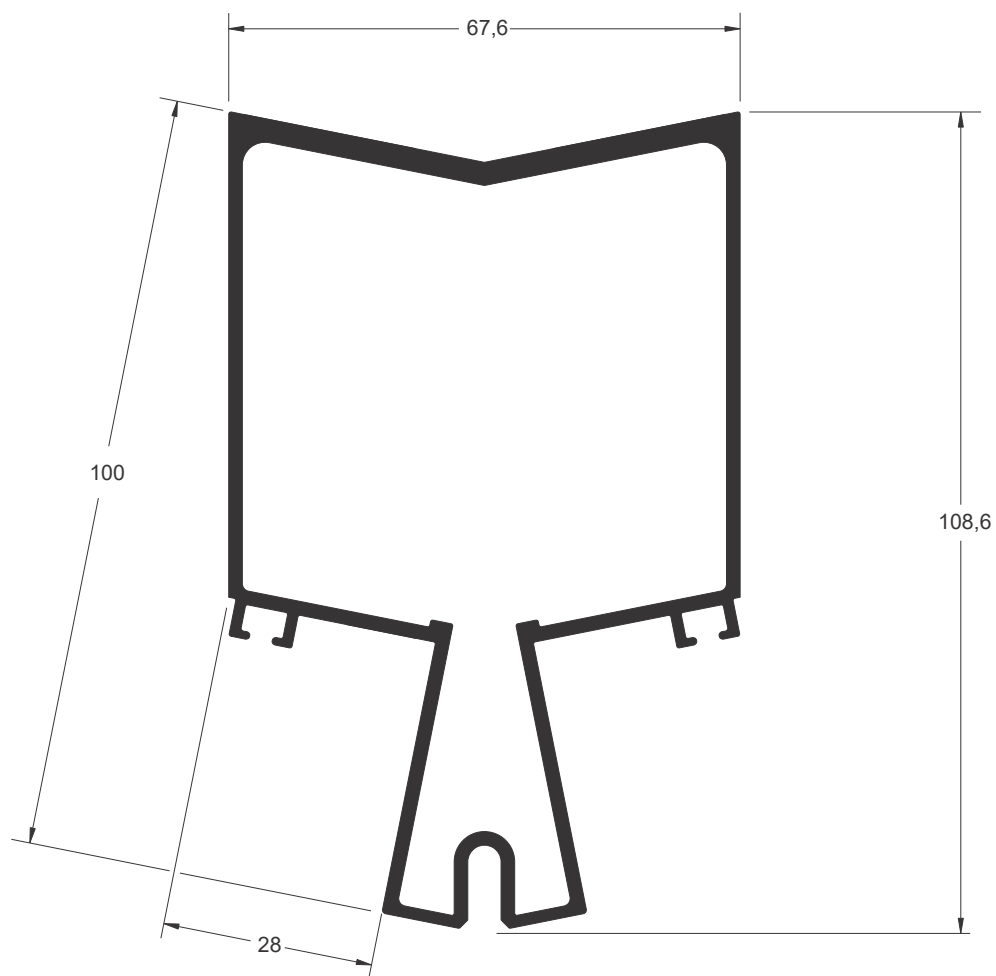




**SK-262**

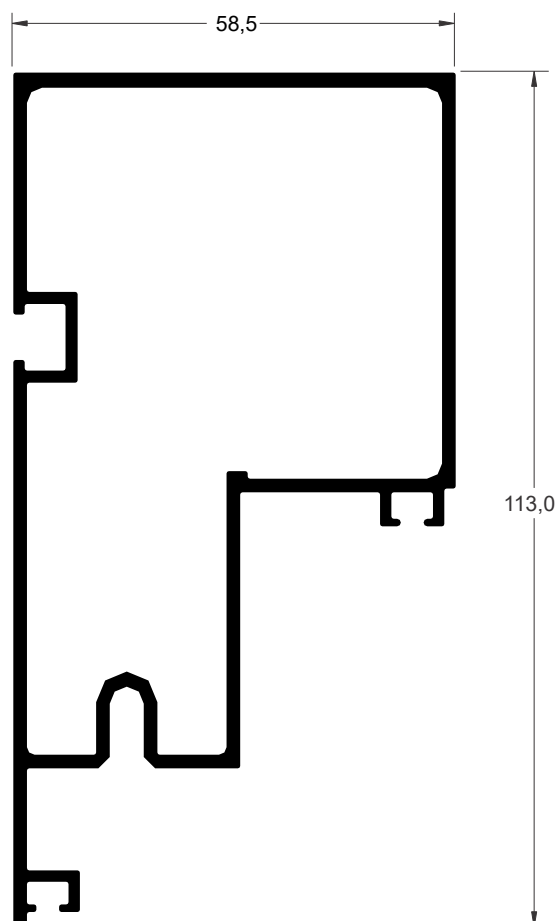
1,540 kg/m

SK-010

**SK-243**

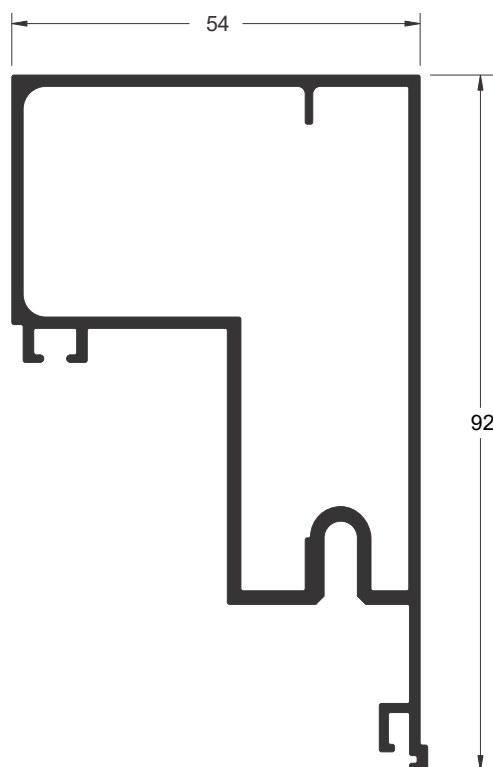
2,091 kg/m

SK-014

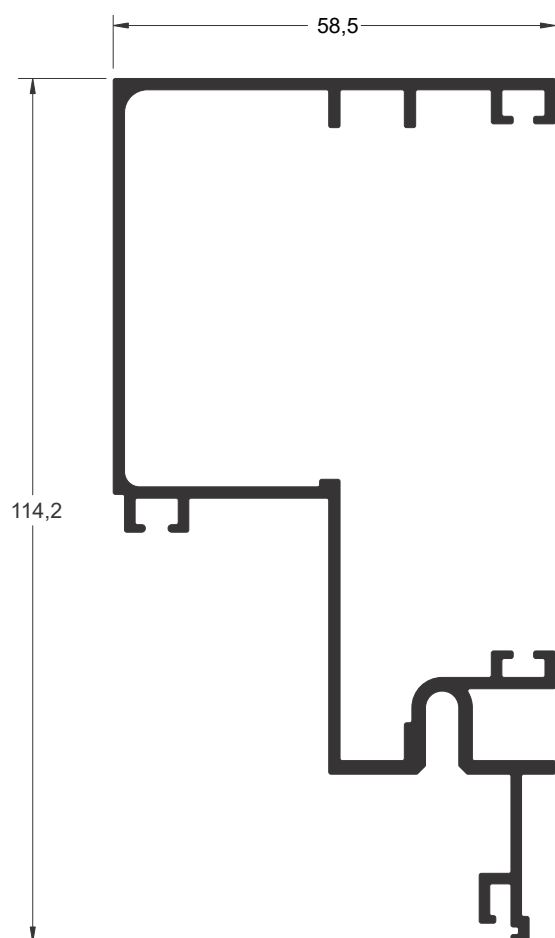
**SK-201**

1,778 kg/m

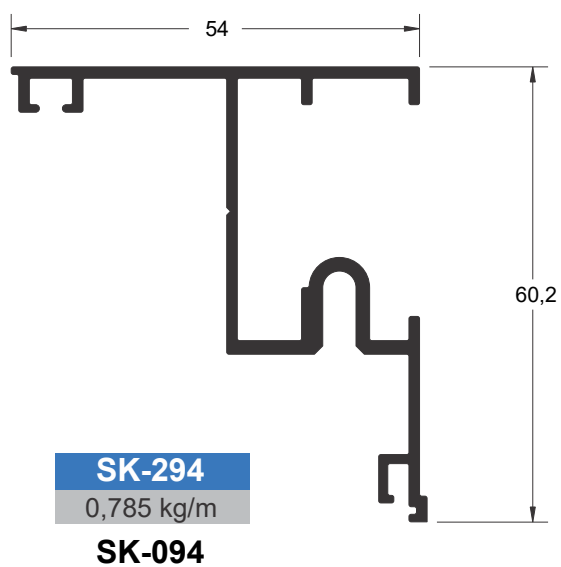
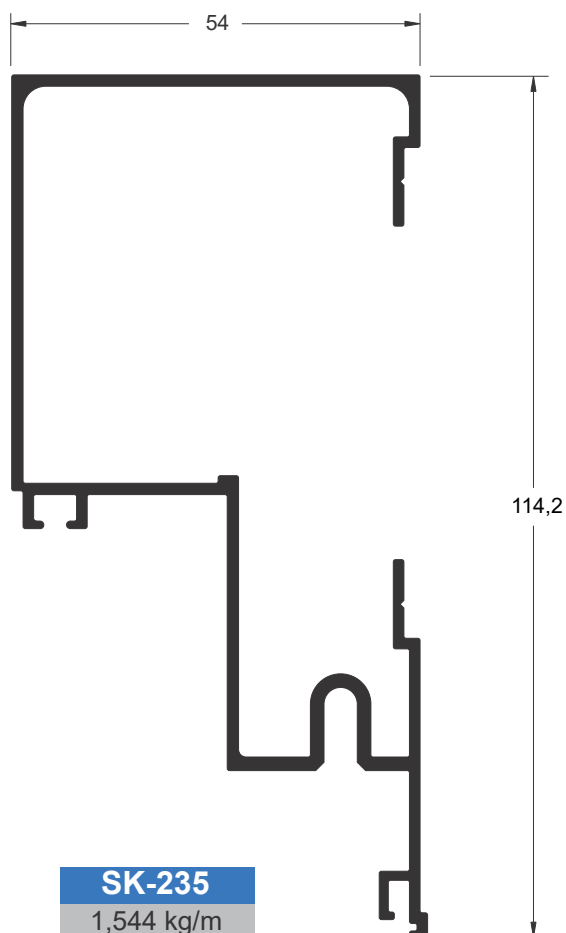
SK-015

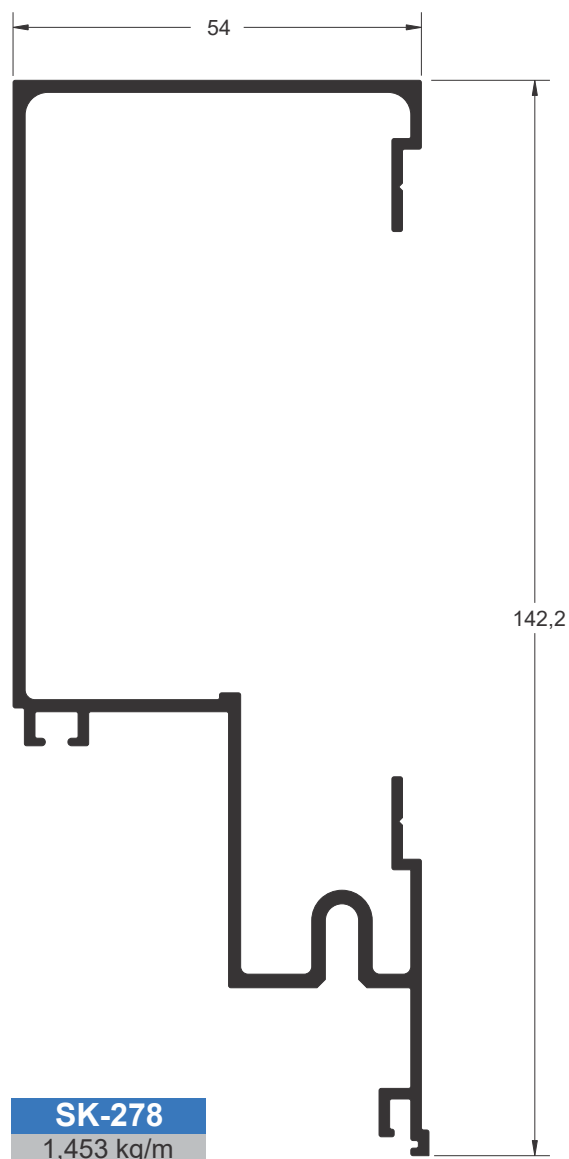
**SK-347**

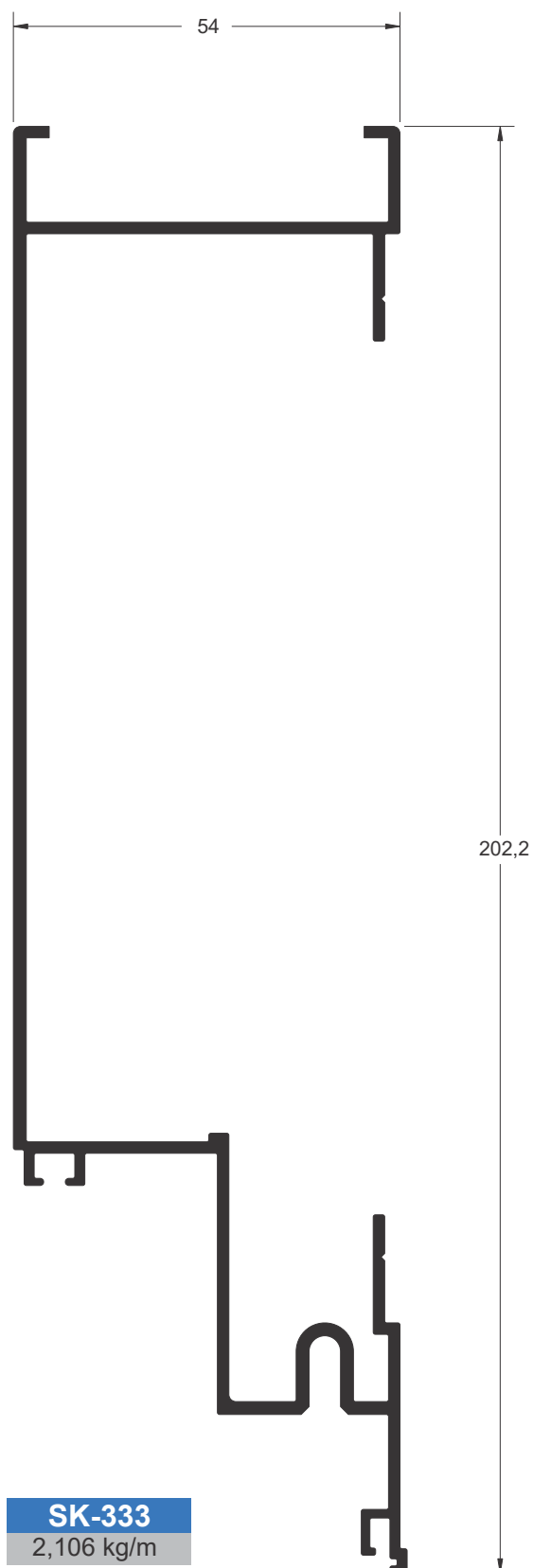
1,330 kg/m

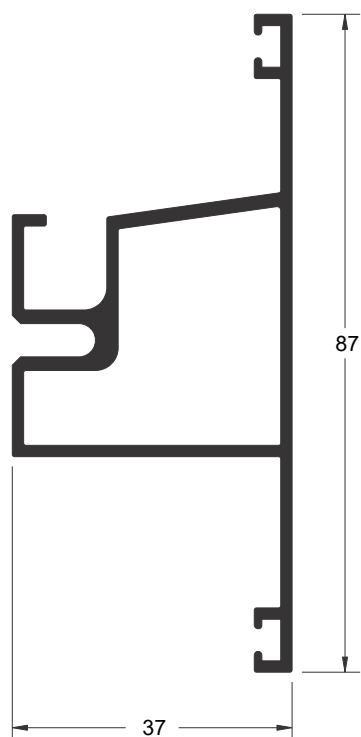
**SK-511**

1,318 kg/m

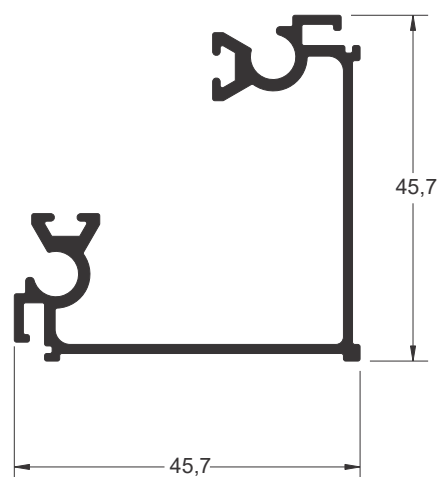




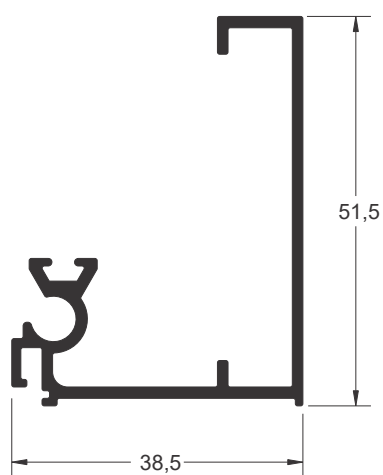




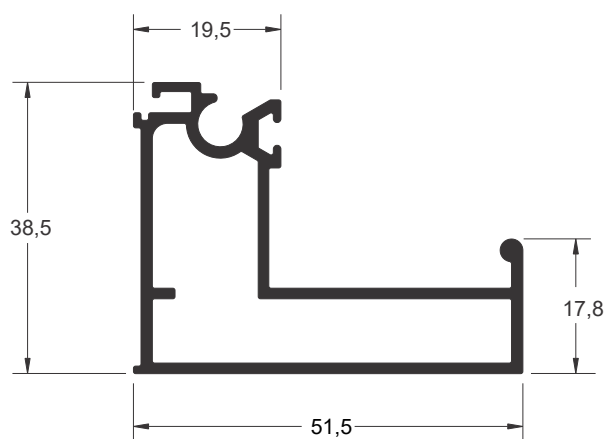
SK-211
0,993 kg/m



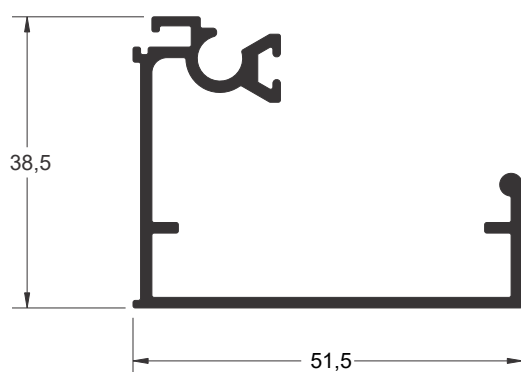
SK-269
0,684 kg/m



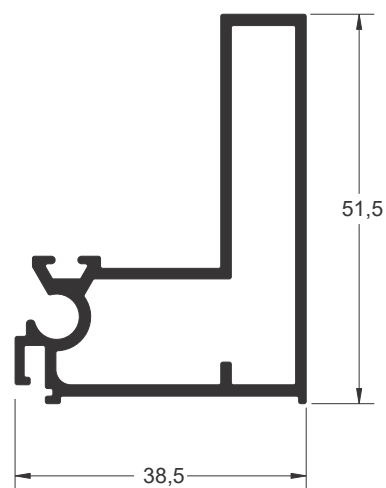
SK-228
0,568 kg/m



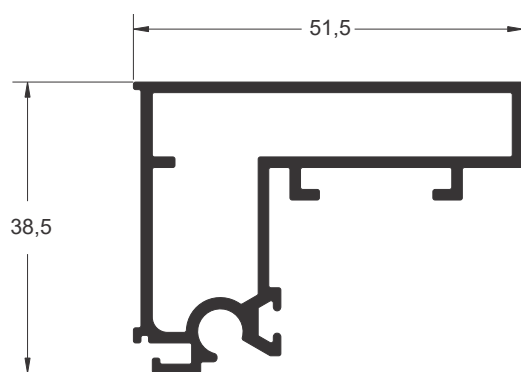
SK-230
0,777 kg/m



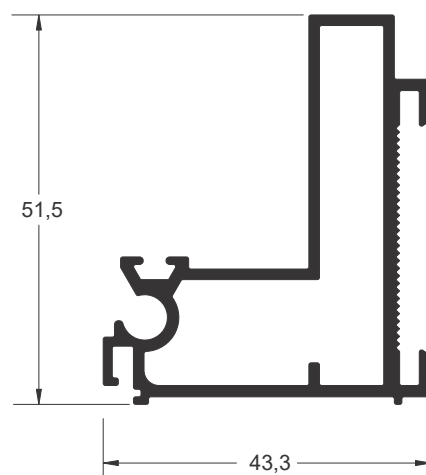
SK-232
0,603 kg/m



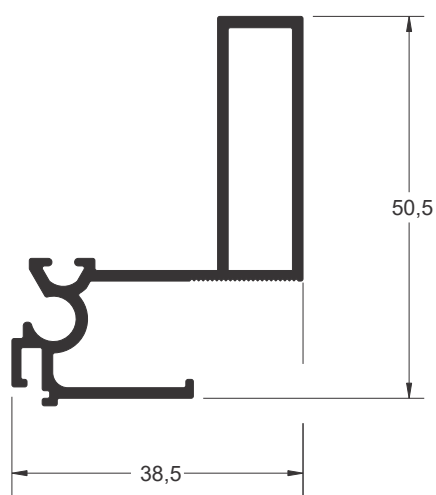
SK-245
0,742 kg/m



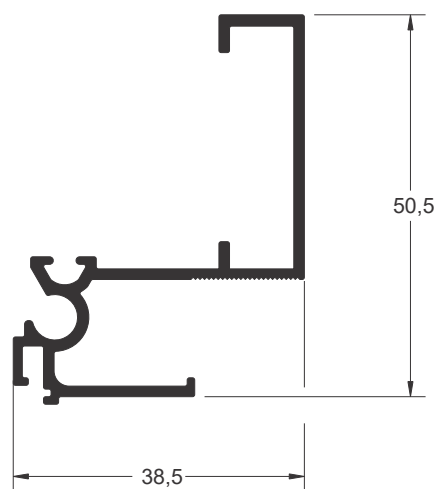
SK-276
0,794 kg/m



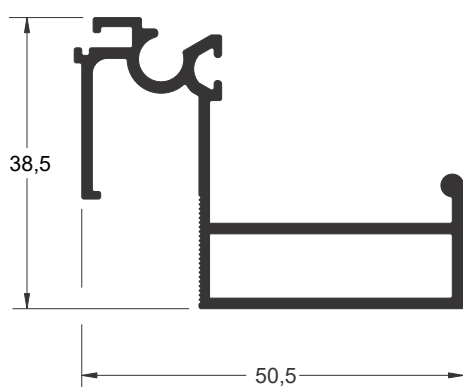
SK-291
0,875 kg/m

**SK-403**

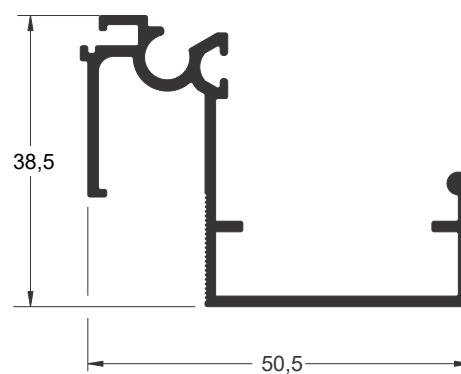
0,634 kg/m

**SK-404**

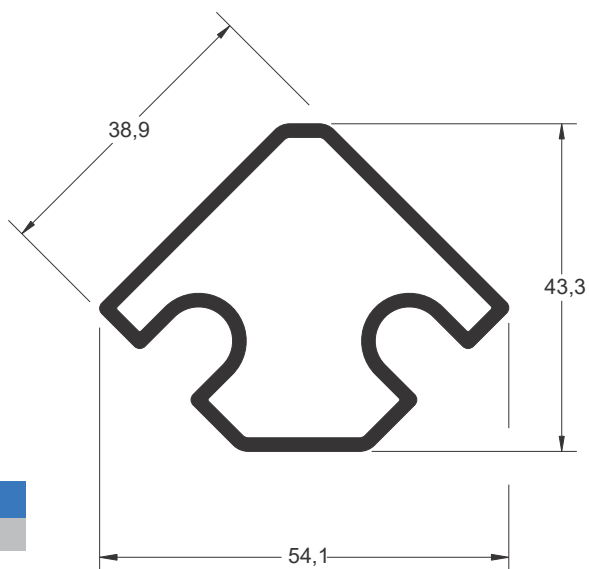
0,540 kg/m

**SK-405**

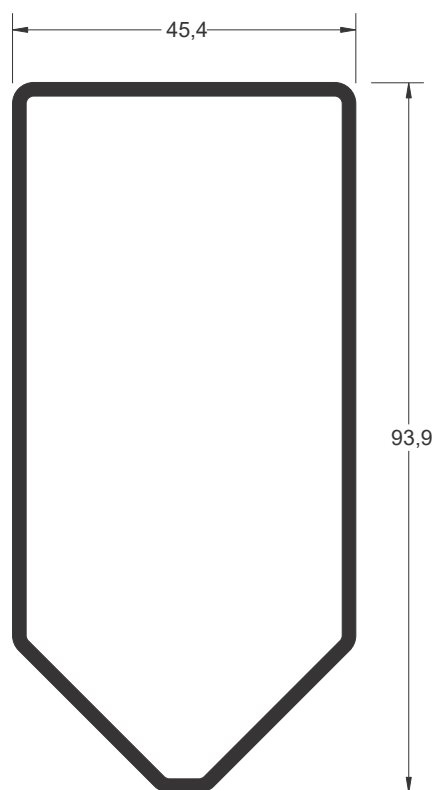
0,669 kg/m

**SK-406**

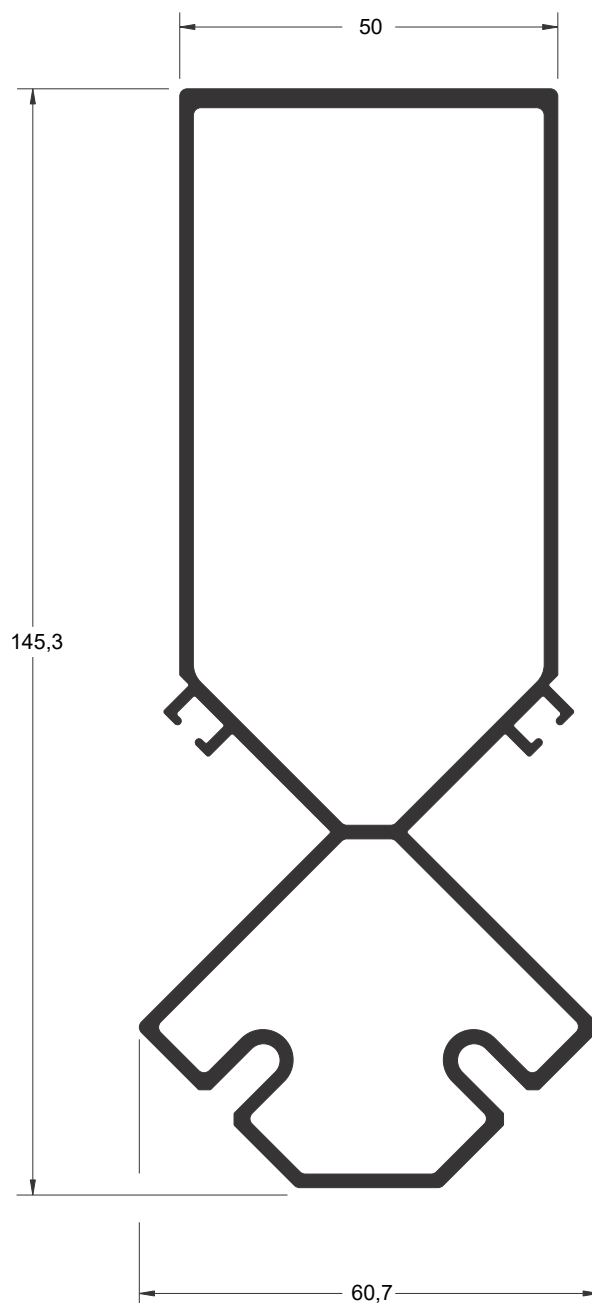
0,574 kg/m

**SK-268**

0,840 kg/m

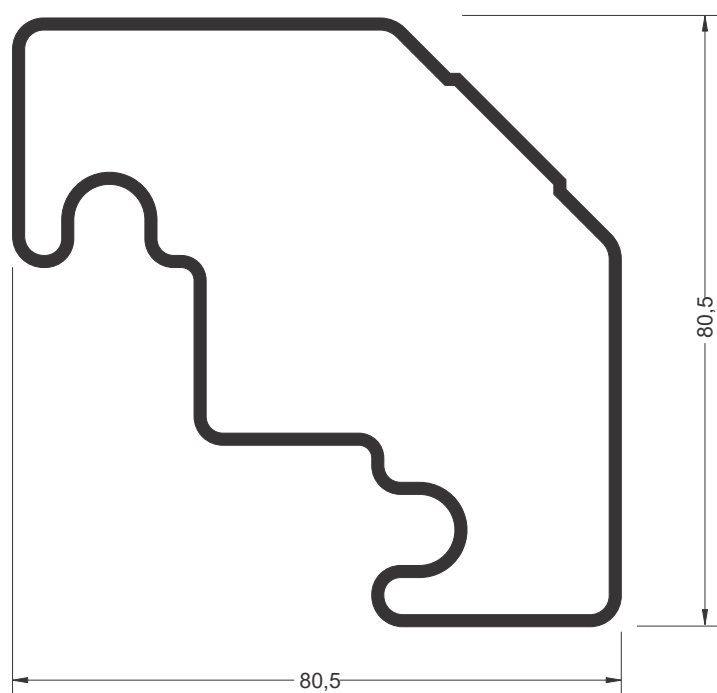
**SK-267**

1,196 kg/m

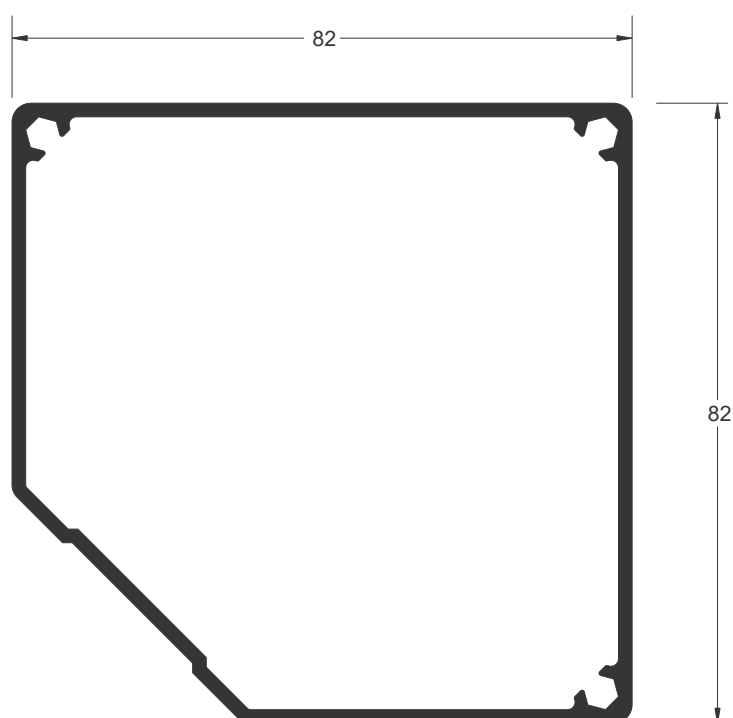
**SK-236**

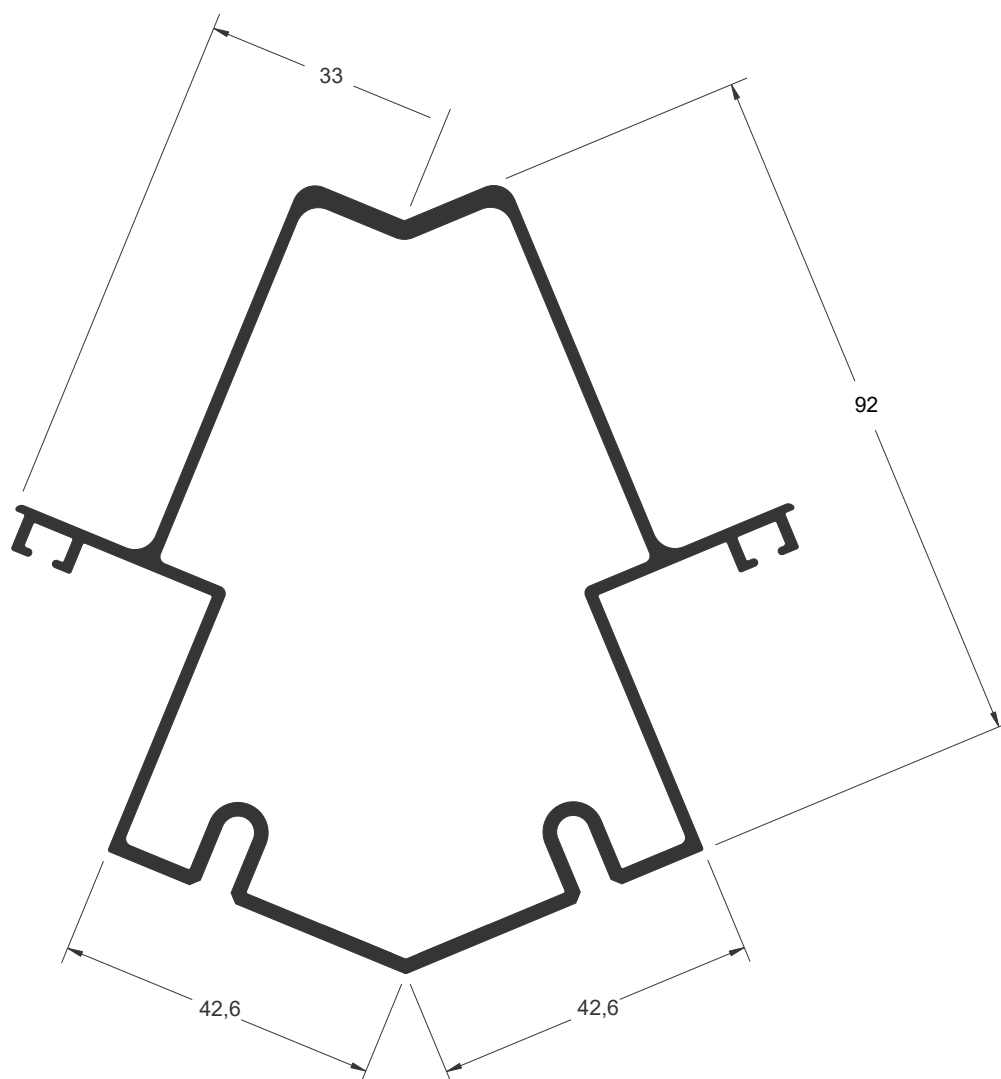
2,364 kg/m

SK-336
1,378 kg/m

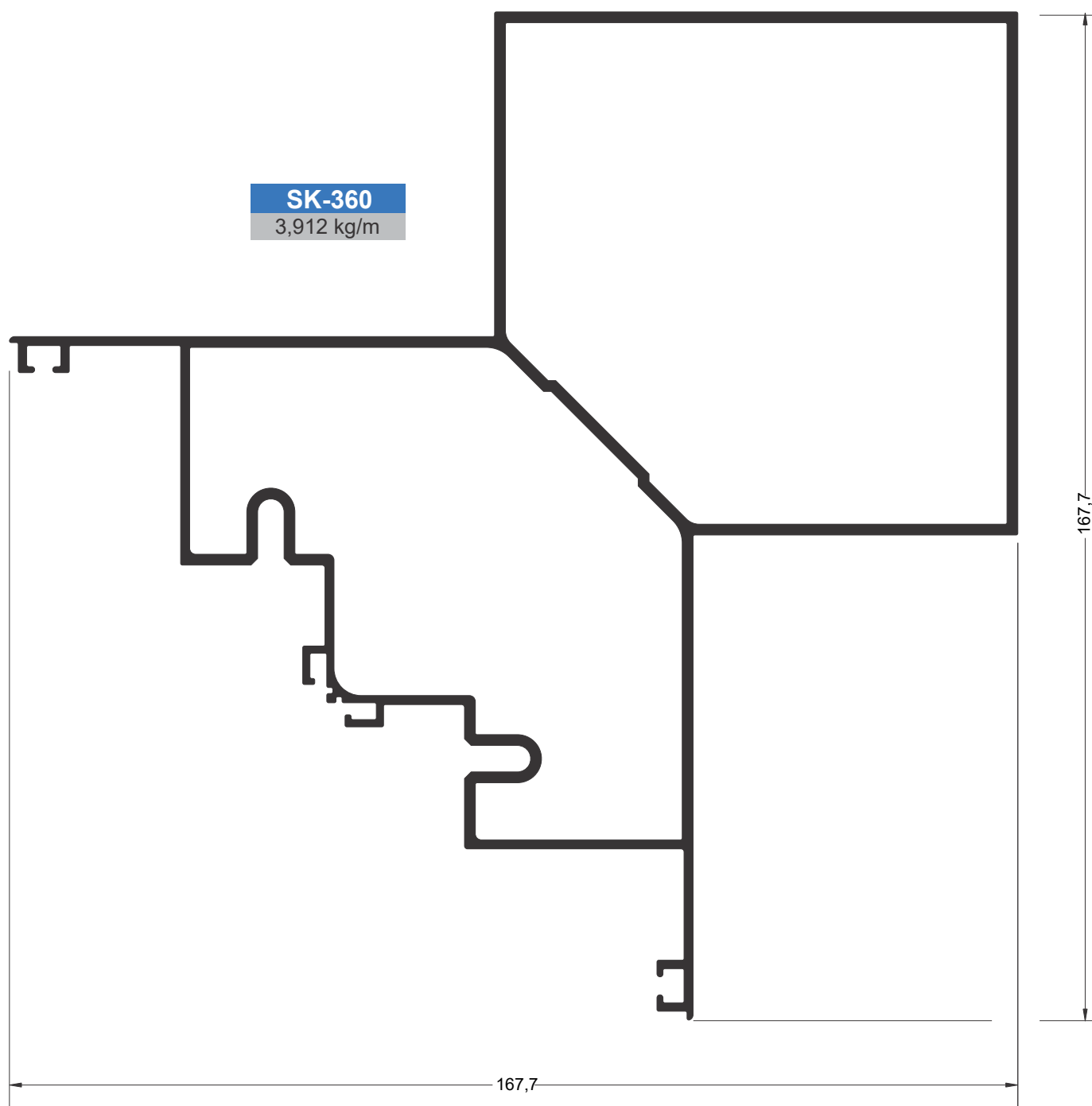


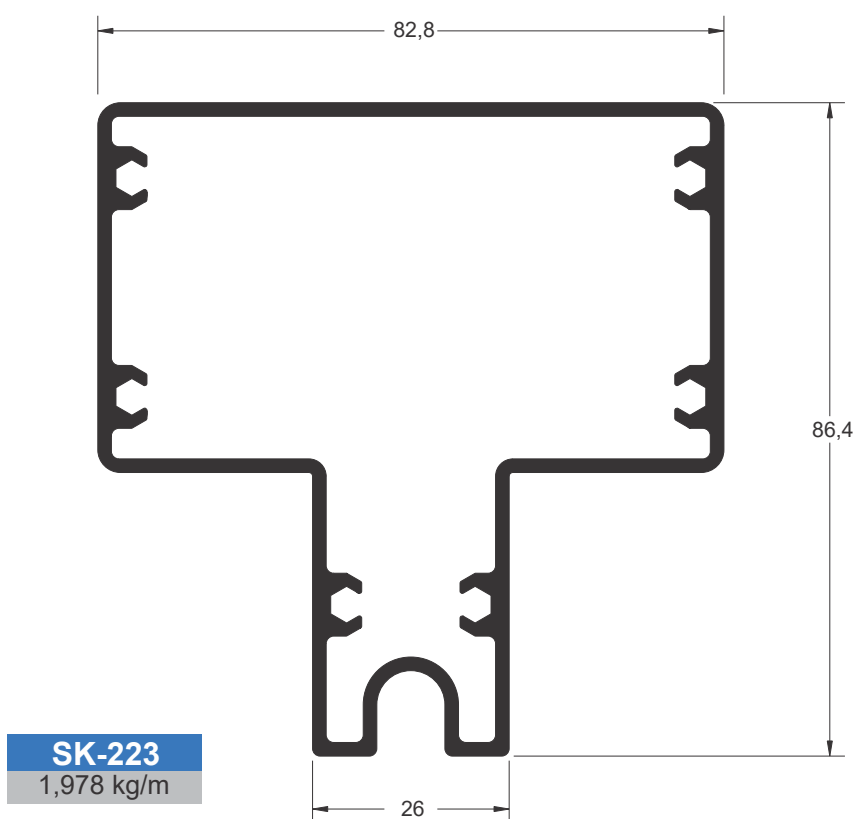
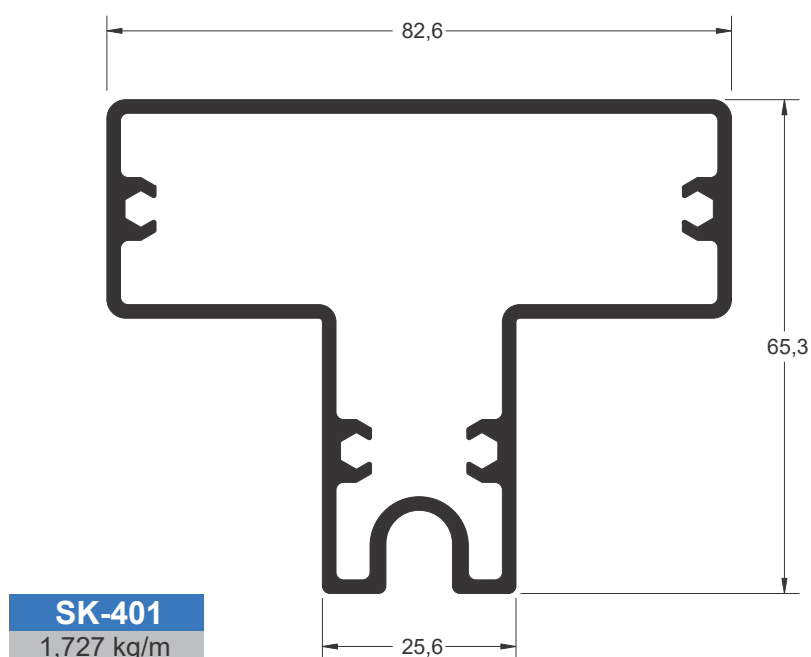
SK-361
1,560 kg/m

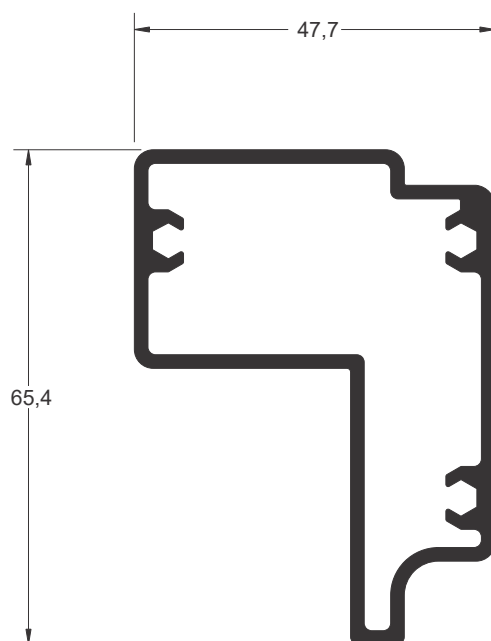


**SK-244**

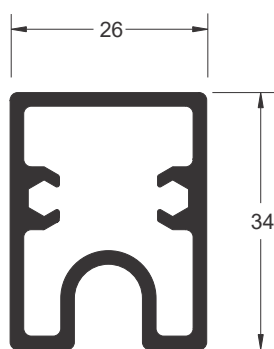
1,824 kg/m



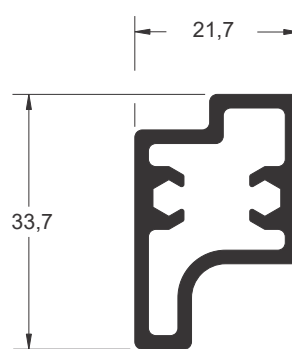


**SK-264**

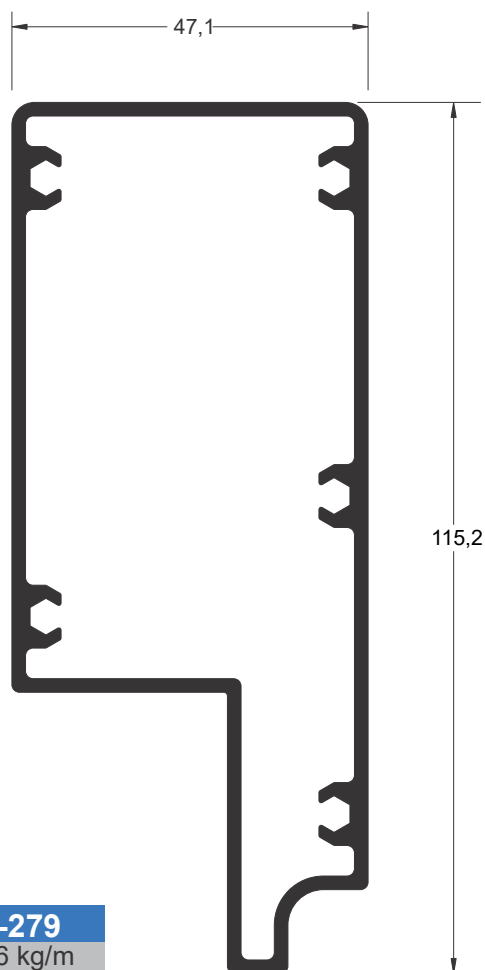
1,228 kg/m

**SK-208**

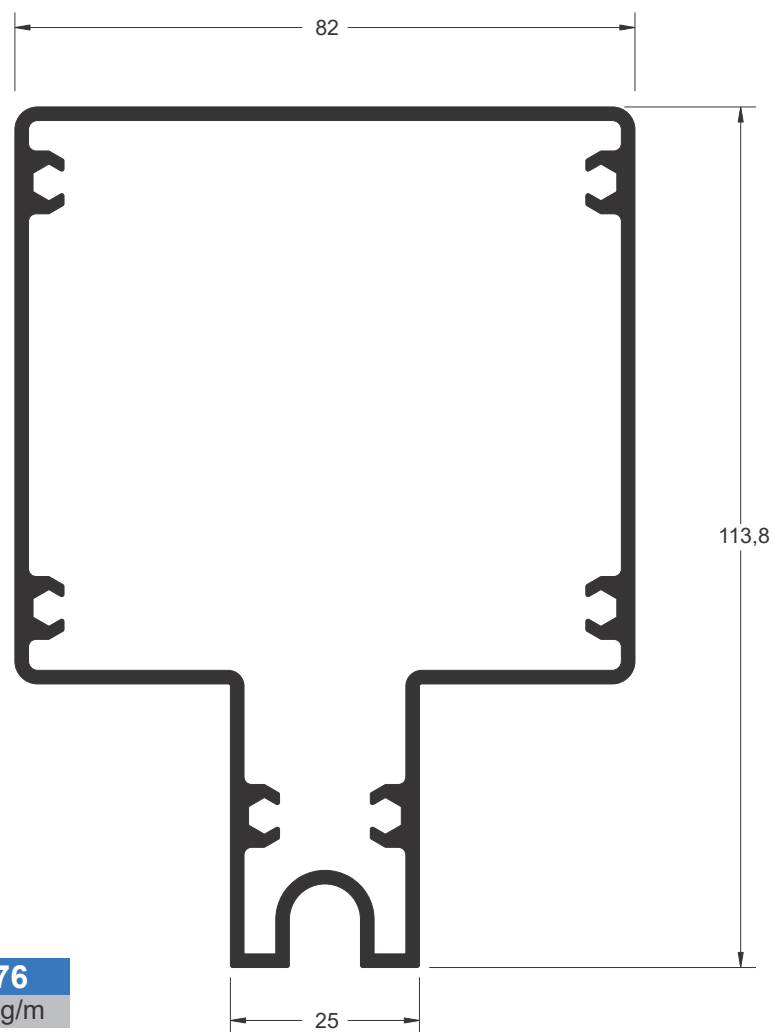
0,754 kg/m

**SK-517**

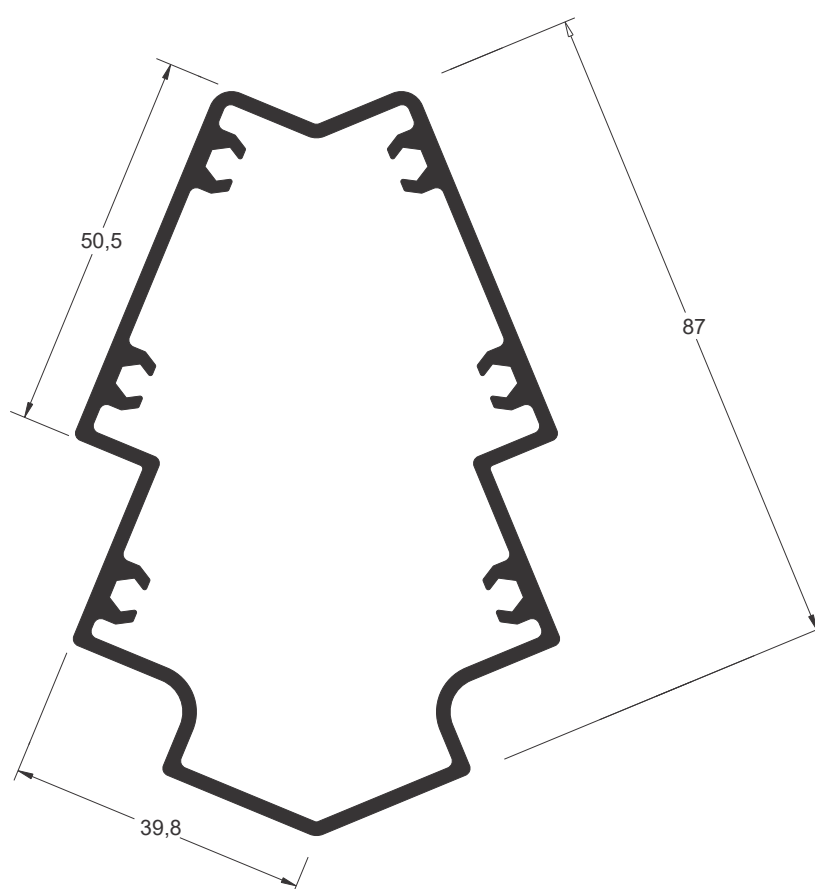
0,613 kg/m



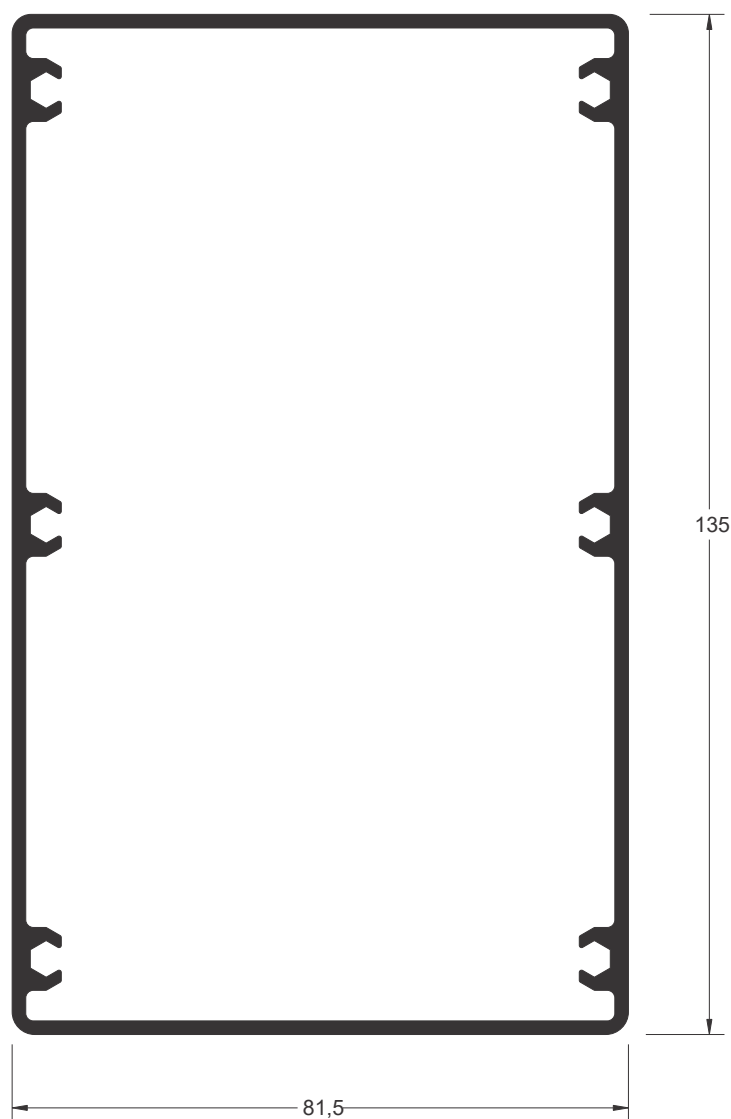
SK-279
1,826 kg/m

**SK-376**

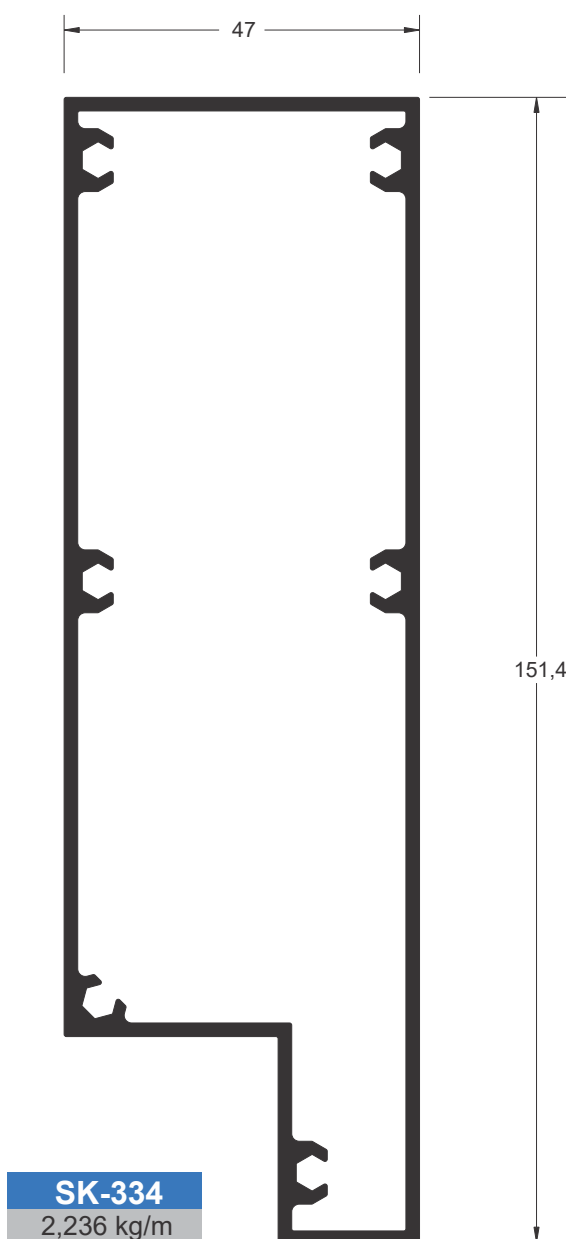
2,285 kg/m

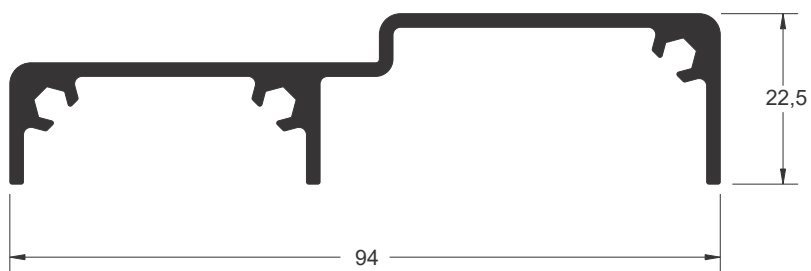
**SK-275**

1,684 kg/m

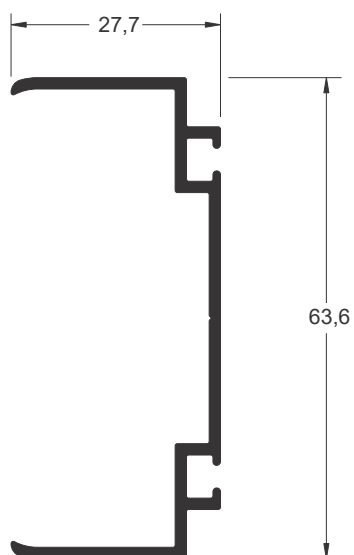
**SK-391**

2,621 kg/m

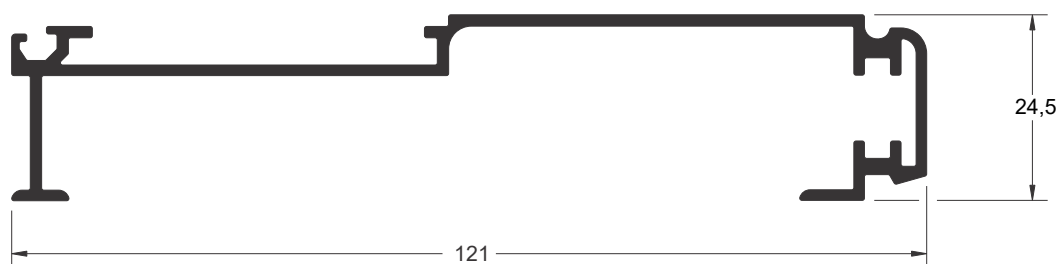


**SK-300**

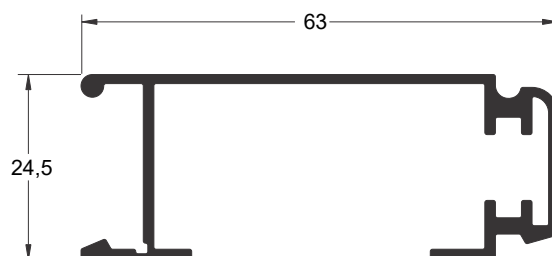
0,843 kg/m

**SK-512**

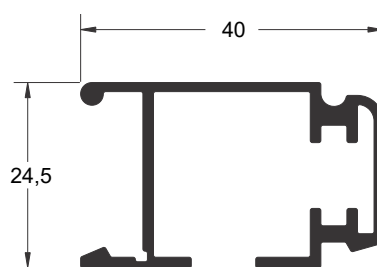
0,521 kg/m

**SK-265**

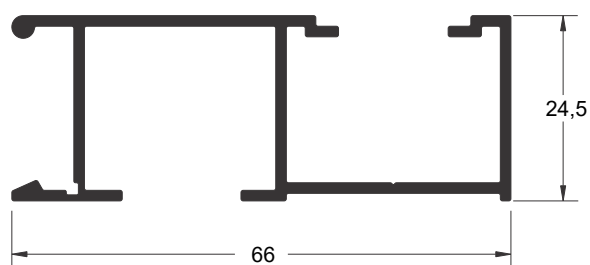
0,901 kg/m

**SK-239A**

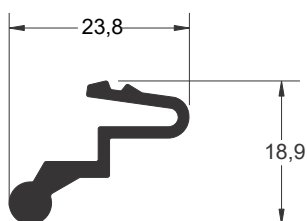
0,582 kg/m

**SK-293**

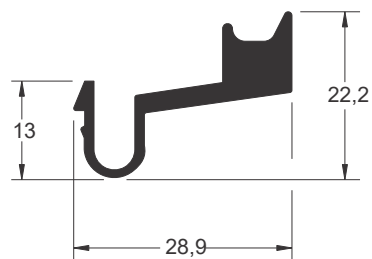
0,518 kg/m

**SK-325**

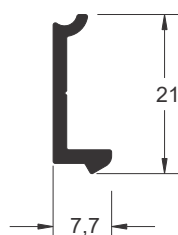
0,653 kg/m

**SK-227**

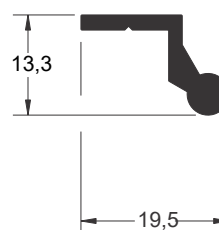
0,263 kg/m

SK-106**SK-231A**

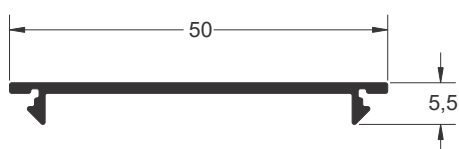
0,384 kg/m

**SK-240**

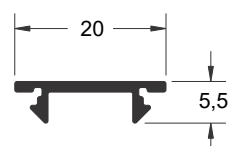
0,135 kg/m

**SK-247**

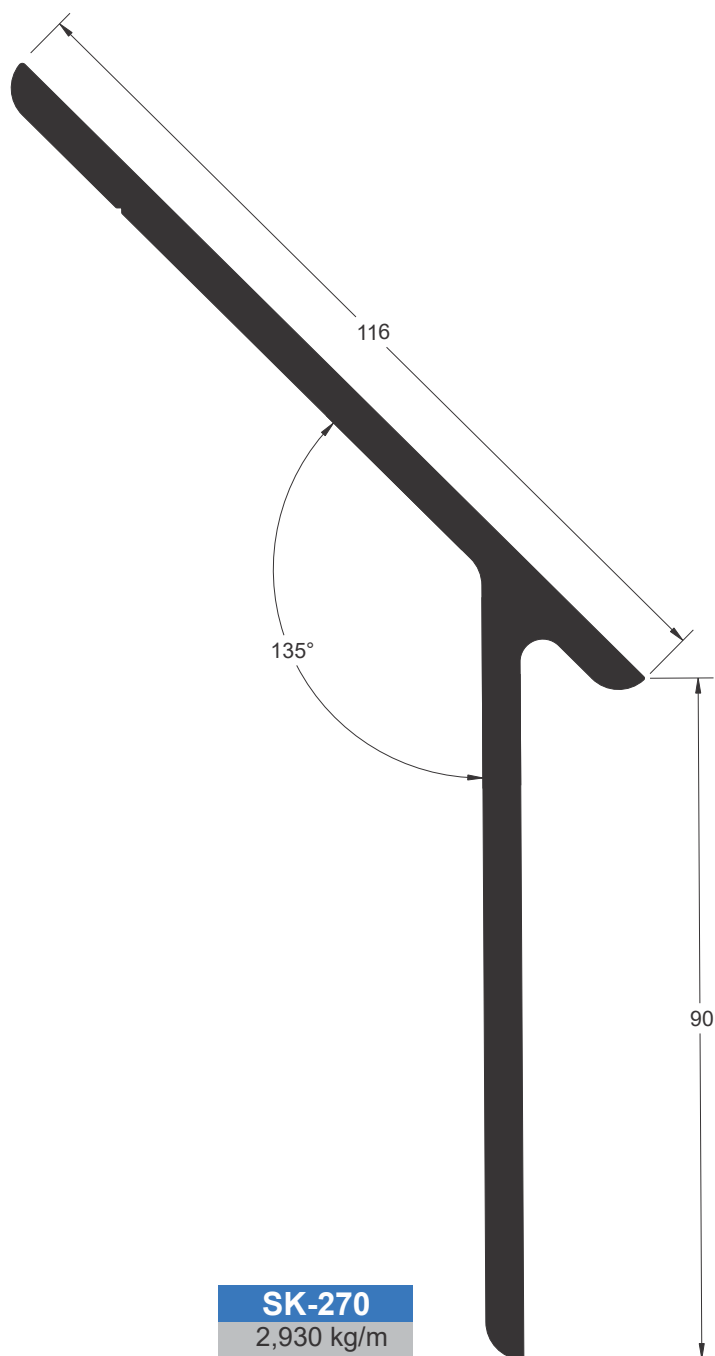
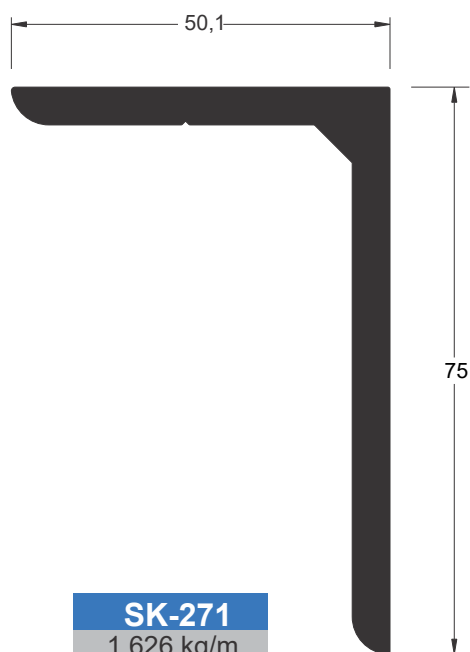
0,210 kg/m

**SK-299**

0,220 kg/m

**SK-326**

0,103 kg/m

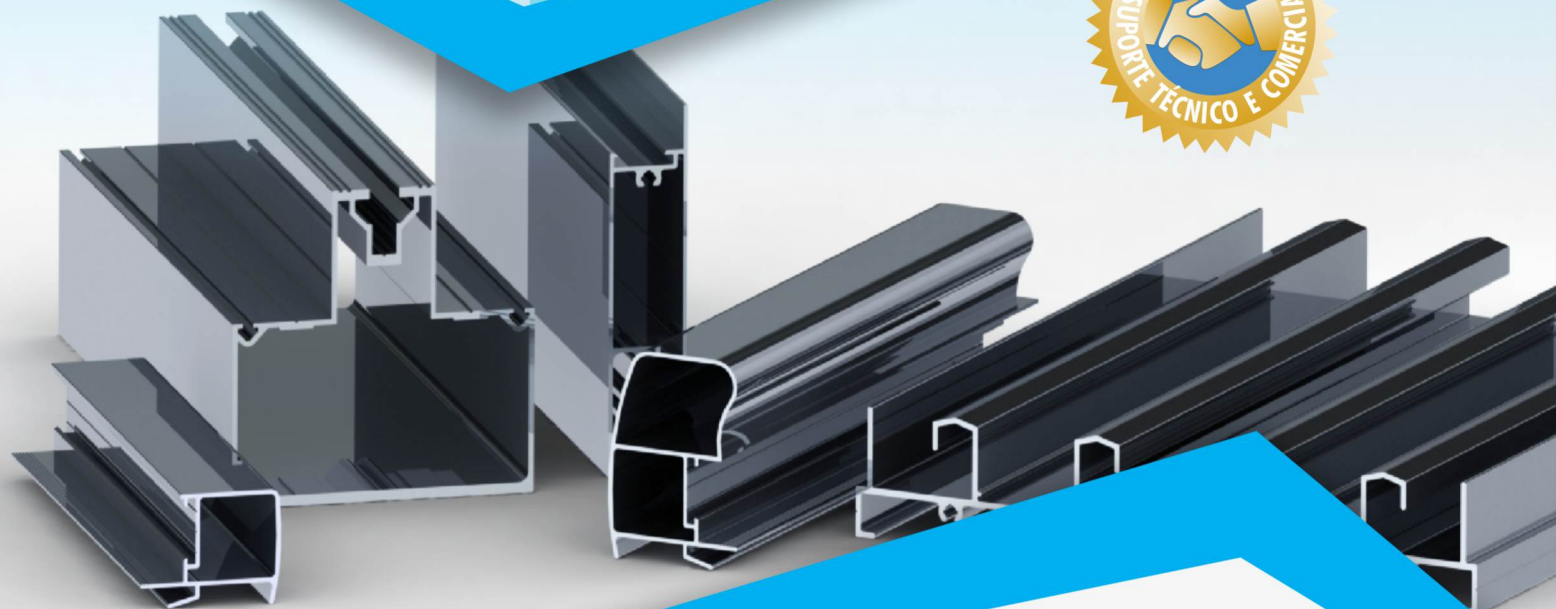




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