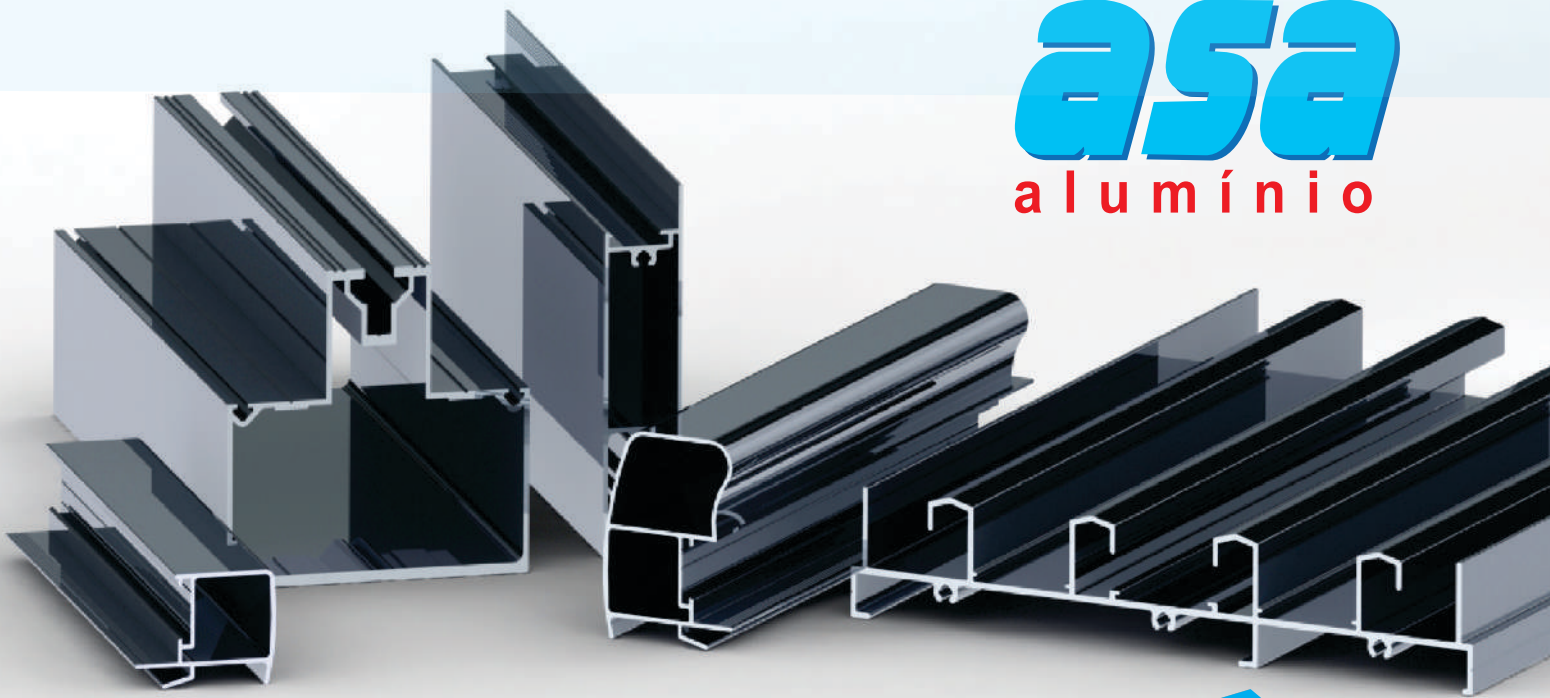


Catálogo Geral

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alumínio



Mega 20

Mega 25

Mega 32



! IMPORTANTE:

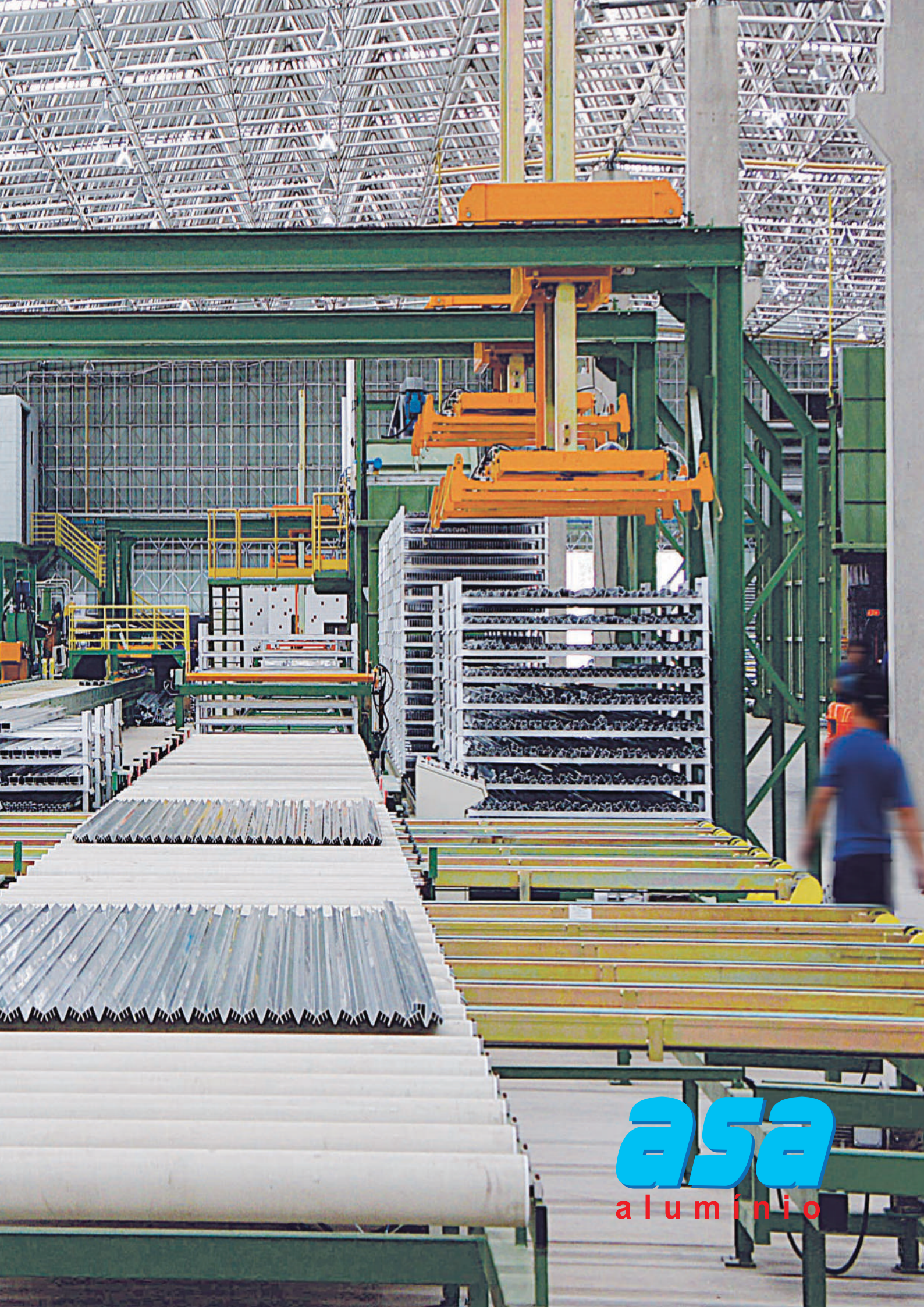
A utilização de perfis de alumínio para aplicação em Esquadrias, fabricação de Janelas, Portas, Fachadas Pele de Vidro ou Glazing, Gradis, Guarda-Corpos, Box e demais produtos possíveis com os perfis e complementos, mesmo que não estejam contidos neste catálogo, requer conhecimento técnico adequado de 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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Lined area for notes.

ÍNDICE DE PERFIS

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
19-002	0,267	159	31-044	0,138	202	39-588	0,217	134
19-186	0,890	150	31-045	0,129	202	39-639	0,167	197
19-248	1,020	152	31-066C	0,089	203	39-778	0,273	173
19-344	0,226	172	31-085C	0,894	147	39-811	3,386	144
19-375	0,959	152	39-025	0,358	199	39-816	0,175	14
19-424	0,277	173	39-049	0,575	180	39-837	0,873	129
19-425	0,258	173	39-050	0,608	185	39-844	0,260	173
19-505	0,723	151	39-051	0,541	185	39-848	0,195	194
19-541	0,720	155	39-065	0,184	14	39-849	0,161	194
19-552	0,252	84	39-077	0,179	201	39-850	0,465	194
19-560	0,084	201	39-081	0,775	157	39-851	0,504	194
19-575	0,892	152	39-118	0,293	12	39-894	0,211	195
19-621	0,147	141	39-119	0,414	13	39-895	0,200	195
19-629	0,221	159	39-126	0,245	12	39-896	0,471	195
19-650C	0,692	151	39-128	0,093	198	39-897	0,514	195
19-652C	0,655	151	39-133	0,518	161	39-898	0,170	195
19-702C	0,874	153	39-137	0,176	201	39-933	0,179	101
19-703C	0,645	153	39-139	0,362	171	39-956	0,166	196
19-704C	0,631	155	39-143	0,170	201	39-957	0,264	198
19-920C	0,291	82	39-158	0,282	171	39-958	0,372	200
19-984C	0,220	166	39-161	0,544	12	39-959	0,137	201
19-1050C	0,312	169	39-206	0,594	192	39-1006	0,568	197
19-1060C	0,127	169	39-255	0,615	197	39-1009	0,209	14
19-1078D	1,030	155	39-307	0,174	170	39-1058	0,085	138/165
19-1094C	0,321	82	39-318	0,933	148	39-1132C	0,197	202
25-301	0,343	101	39-335	0,217	202	39-1134C	0,470	156
25-308	0,453	101	39-336	0,055	203	39-1271C	0,501	202
25-311	0,332	101	39-341	0,392	13	39-1325C	0,231	202
25-313	0,383	101	39-392	3,939	183	39-1327C	0,275	202
25-314	0,364	101	39-448	0,283	14	39-1381C	0,072	203
25-503	0,599	114	39-463	0,266	82	39-1382C	0,218	203
29-022	0,264	201	39-473	0,917	178	39-1383C	0,118	203
29-027	0,803	198	39-484	0,435	141	39-1597C	0,154	201
29-040	0,203	192	39-485	0,198	141	39-1822E	4,349	146
29-122	0,183	193	39-487	0,738	185	39-2072C	0,145	143
29-145	0,514	161	39-491	0,718	179	39-2073C	0,219	156
29-160	1,398	145	39-492	0,261	200	39-2074C	0,206	156
29-173	0,228	194	39-493	0,735	200	39-2107C	0,318	161
29-175	0,231	195	39-498	0,636	148	39-2239C	0,169	169
29-176	0,956	198	39-500	0,295	13	39-2240C	0,385	200
29-194	0,819	198	39-528	0,323	83	39-2241C	0,340	169
29-202	0,309	84	39-558	0,445	193	39-2250C	0,070	169
29-241C	0,593	202	39-563	0,204	194	39-2331C	3,515	168
29-317C	0,290	156	39-564	0,215	193	42-002	1,040	131
29-371C	0,644	200	39-565	0,919	164	42-014	0,369	133
29-372C	0,245	200	39-566	0,744	164	42-040	1,593	131
31-042	0,186	172	39-582	0,309	201	42-999	0,985	133

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
44-018	0,389	193	78-871	0,248	148	79-125C	1,232	144
44-024	0,242	173	78-889	0,785	139	A-022	0,409	196
44-025	0,582	173	78-946	1,431	163	A-025	2,061	186
44-026	0,412	172	78-947	0,694	139	A-026	0,750	126
44-031	0,636	173	78-952	0,451	141	A-034	0,499	117
44-032	0,213	194	78-1013	0,598	200	A-041A	0,626	127
44-035	0,223	195	78-1015	0,617	141	A-047	0,555	114
50-018	0,263	156	78-1016	0,270	158	A-048	0,705	111
54-012	0,331	171	78-1017	0,286	158	A-054	0,746	126
60-012	0,227	193	78-1021	0,248	158	A-056	0,404	117
60-014	0,160	202	78-1031	0,802	159	A-058	0,222	112
65-241D	1,316	149	78-1054C	1,141	163	A-072	1,206	186
74-001	0,402	137	78-1078C	0,822	141	A-081A	1,135	128
74-029	0,761	137	78-1079C	0,720	141	A-084	0,583	118
75-008	0,443	140	78-1082C	1,002	132	A-087	0,365	193
78-001	0,824	138	78-1083C	1,044	132	A-090	0,782	127
78-004	1,345	160	78-1097C	0,653	139	A-097	0,558	110
78-032	1,750	184	78-1112	0,549	161	A-139	1,011	114
78-034	0,591	181	78-1153C	0,295	112	A-140	1,153	142
78-035	0,635	181	78-1154C	0,295	112	A-144A	0,670	128
78-043	0,631	181	78-1157D	0,555	200	A-194	0,652	113
78-054	1,200	161	78-1160D	0,687	202	A-195	0,686	113
78-081	0,646	140	78-1293D	0,605	203	A-201	0,524	111
78-088	0,858	159	78-1651C	0,758	138	A-202	0,609	111
78-095	0,647	172	78-1653D	2,487	147	A-207	0,592	115
78-101	1,507	160	78-1730C	1,510	142	A-210	0,584	125
78-124	1,670	160	78-1740D	1,604	142	A-211	0,853	127
78-126	1,315	167	78-1777D	1,693	165	A-212	0,761	127
78-137	0,926	139	78-1841C	2,258	144	AP-069	0,681	98
78-140	1,030	140	78-1873C	0,805	143	AP-070	0,551	98
78-260	0,660	162	78-1958D	0,795	143	AP-300	0,367	97
78-344	1,538	168	78-1962C	1,287	147	AP-302	0,451	97
78-366	0,388	158	78-1966D	1,347	165	AP-303	0,474	97
78-383	0,920	140	78-2070C	0,717	156	AP-305	0,371	97
78-384	0,882	140	78-2083C	1,460	166	AP-309	0,438	97
78-397	1,291	162	78-2089C	1,270	166	AP-312	0,351	101
78-433	1,684	159	78-2151C	1,971	142	AP-321	0,479	97
78-484	1,119	139	78-2186C	0,652	140	AP-332	0,536	99
78-518	0,400	134	78-2226C	0,555	144	AP-336	0,497	98
78-519	0,608	134	78-2228C	0,187	112	AP-352	0,208	96
78-572	1,307	134	78-2363D	0,562	168	AP-354	0,983	99
78-634	0,316	118	78-2364D	0,786	168	AP-357	0,652	96
78-690	1,412	162	78-2302C	0,242	143	AP-358	0,630	96
78-719	1,555	138	79-007C	1,168	137	AP-359	0,385	95
78-723	0,830	129	79-025C	0,536	143	AP-360	0,453	96
78-745	1,256	108	79-060D	1,464	144	AP-361	1,075	96
78-778	0,897	138	79-089C	0,710	143	AP-366	0,897	95

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
AP-367	0,823	95	D-081	0,643	157	FC-234	0,344	182
AP-368	0,746	95	D-082	0,349	158	FC-243	1,109	179
AP-369	0,590	95	D-095	0,544	162	FC-254	0,639	182
AP-370	0,633	96	D-102	0,625	137	FC-261	0,563	181
AP-374	0,539	97	D-103	0,786	137	FC-293	0,683	180
AP-378	0,367	97	D-199	0,796	159	FC-301	0,101	182
AP-379	0,929	98	E-117	0,334	196	FC-360	0,960	179
AP-380	0,840	99	E-150	0,276	124	FC-419	0,484	186
AP-404	0,795	96	E-168	0,236	171	FC-542	0,350	187
AP-405	1,133	95	E-186	1,027	102	FC-543	0,430	187
BAR-4024	0,240	193	E-252	0,152	171	FC-544	0,380	186
BAR-4037	0,389	16	E-256	0,290	192	I-083	0,320	196
BG-035	0,119	99	E-276	1,225	107	I-090	0,312	118
BG-202	0,107	99	E-277	0,504	105	I-102	0,448	125
CA-005	0,790	16	E-293	1,449	107	I-103	0,126	170
CA-006	1,008	16	E-294	1,156	119	I-105	0,259	111
CA-010	0,231	16	E-306	0,404	199	I-117	0,446	118
CA-011	0,315	16	E-363	1,051	148	I-122	0,508	110
CA-013	0,134	15	E-364	0,458	148	I-151	0,173	171
CA-014	0,104	15	E-365	0,656	148	I-154	0,306	192
CA-028	0,554	11	E-445	0,235	170	I-154A	0,212	192
CA-032	0,513	13	E-463	0,157	171	I-185	0,084	170
CA-060A	0,223	12	E-482	0,877	104	I-186	0,090	170
CA-063	0,175	12	E-483	1,183	106	I-307	0,488	111
CA-093	0,766	15	E-484	0,650	106	I-308	0,488	111
CA-096	0,394	13	E-485	1,708	123	I-313	0,074	170
CA-098	0,377	13	E-486	1,538	123	L-213	0,670	170
CA-113	0,468	11	E-491	1,061	121	L-332	0,212	130
CA-125	0,531	11	E-504	0,156	14	L-366	0,283	125
CA-126	0,477	11	E-512A	0,433	199	L-383	0,253	116
CA-129	0,493	11	E-512	0,435	199	L-387	0,219	116
CA-151	0,333	12	F-043	0,124	171	L-392	0,084	170
CA-204	0,327	11	F-049	0,128	171	L-418	0,230	111
CA-207	0,360	15	FC-017	1,705	187	L-460	0,127	170
CA-209	0,361	15	FC-075	1,750	178	L-468	1,590	16
CA-517	0,531	11	FC-085	0,280	182	L-488	0,163	171
CA-709	0,520	11	FC-170	0,543	185	L-498	0,306	111
CA-721 A	0,188	12	FC-202	1,801	178	L-518	0,355	125
D-053	1,300	168	FC-208	0,786	181	L-519	0,291	129
D-054	0,835	167	FC-222	0,757	180	L-579	1,090	16
D-055	0,578	157	FC-225	0,639	179	L-690	0,141	170
D-056	0,333	158	FC-227	0,675	180	L-713A	0,970	199
D-069	0,950	137	FC-228	0,570	181	L-713	1,278	199
D-070	0,256	158	FC-229	0,464	182	L-715	0,281	115
D-078	0,795	138	FC-231	1,074	180	LB-038	0,970	150
D-079	0,564	137	FC-232	1,433	178	MG20-101	0,637	19
D-080	0,525	158	FC-233	3,392	182	MG20-102	0,641	19

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
MG20-103	0,462	19	MG20-154	0,547	24	MG25-057	0,632	42
MG20-104	0,388	19	MG20-155	0,113	24	MG25-068	0,574	43
MG20-105	0,893	19	MG20-156	0,440	23	MG25-069	0,613	44
MG20-106	0,893	19	MG20-157	0,670	21	MG25-070	0,559	44
MG20-107	0,332	19	MG20-158	0,911	20	MG25-079	0,333	46
MG20-110	0,862	20	MG20-159	1,342	61	MG25-080	0,362	46
MG20-111	0,883	20	MG20-462	0,462	19	MG25-081	0,420	46
MG20-113	0,670	20	MG25-001	0,773	29	MG25-082	0,389	46
MG20-114	0,559	20	MG25-002	0,710	29	MG25-083	0,144	47
MG20-115	0,584	19	MG25-003	0,542	43	MG25-085	0,506	46
MG20-116	0,805	20	MG25-004	0,525	29	MG25-086	0,592	46
MG20-117	0,791	22	MG25-005	1,106	29	MG25-093	0,280	46
MG20-118	0,758	22	MG25-006	0,999	30	MG25-094	0,362	46
MG20-119	1,033	22	MG25-007	0,386	30	MG25-097	0,399	46
MG20-120	0,564	22	MG25-008	0,245	39	MG25-098	0,399	46
MG20-121	1,072	22	MG25-009	0,907	31	MG25-099	0,228	47
MG20-122	0,432	23	MG25-010	1,029	32	MG25-103	0,156	47
MG20-123	0,394	23	MG25-011	0,960	33	MG25-107	0,269	30
MG20-124	0,433	23	MG25-012	0,539	36	MG25-108	0,145	47
MG20-125	0,474	23	MG25-013	0,767	43	MG25-111	0,634	39
MG20-126	0,681	21	MG25-014	0,671	43	MG25-121	1,585	35
MG20-127	0,659	21	MG25-015	0,918	32	MG25-122	1,509	35
MG20-128	0,439	23	MG25-016	0,841	34	MG25-123	0,917	35
MG20-129	0,422	23	MG25-017	0,727	29	MG25-186	0,496	38
MG20-130	0,419	23	MG25-018	0,749	29	MG25-187	0,534	38
MG20-131	0,682	23	MG25-019	0,999	33	MG25-188	0,586	38
MG20-132	0,454	24	MG25-026	0,876	31	MG25-192	0,554	40
MG20-133	0,491	24	MG25-027	0,824	31	MG25-200	0,440	46
MG20-134	0,472	24	MG25-028	0,497	31	MG25-225	0,926	37
MG20-135	0,733	25	MG25-029	0,647	31	MG25-227	0,574	38
MG20-136	0,688	25	MG25-030	0,541	31	MG25-228	0,718	30
MG20-137	0,434	24	MG25-031	1,231	32	MG25-230	0,976	33
MG20-138	0,722	24	MG25-032	1,116	34	MG25-241	0,733	39
MG20-139	0,527	24	MG25-033	0,718	35	MG25-242	0,674	44
MG20-140	0,114	24	MG25-039	0,554	43	MG25-243	0,636	45
MG20-141	0,112	24	MG25-040	0,482	45	MG25-244	0,699	43
MG20-142	0,125	24	MG25-041	0,532	44	MG25-245	0,636	43
MG20-144	0,703	21	MG25-042	0,589	44	MG25-246	0,645	37
MG20-145	0,748	22	MG25-043	0,947	45	MG25-247	1,015	37
MG20-146	0,445	25	MG25-044	0,957	45	MG25-266	0,945	38
MG20-147	0,568	25	MG25-047	1,040	45	MG25-272	0,434	30
MG20-148	0,550	25	MG25-048	1,037	42	MG25-289	1,040	45
MG20-149	0,506	25	MG25-049	0,907	44	MG25-290	1,078	44
MG20-150	0,944	21	MG25-050	0,923	37	MG25-292	0,214	47
MG20-151	0,991	25	MG25-053	0,478	37	MG25-360	0,984	90
MG20-152	0,250	23	MG25-055	0,545	43	MG25-370	1,108	48
MG20-153	0,300	23	MG25-056	0,538	42	MG25-380	0,794	52

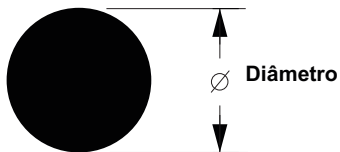
Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
MG25-390	1,291	50	MG25-791	0,553	36	MG32-053	1,649	72
MG25-400	0,845	52	MG25-792	0,710	36	MG32-054	1,666	72
MG25-420	1,207	51	MG25-793	0,840	36	MG32-055	1,570	72
MG25-430	0,948	49	MG25-795	0,125	47	MG32-056	1,574	72
MG25-440	0,912	51	MG25-796	0,847	41	MG32-057	0,147	77
MG25-450	1,332	90	MG25-797	0,107	47	MG32-058	0,746	61
MG25-500	0,544	40	MG25-798	0,283	39	MG32-059	1,553	59
MG25-501	0,460	41	MG25-799	0,554	38	MG32-060	1,017	60
MG25-502	0,490	41	MG25-800	0,456	38	MG32-061	1,332	62
MG25-503	0,525	41	MG25-801	0,565	39	MG32-062	0,270	92
MG25-504	0,745	41	MG25-1230	0,110	47	MG32-063	0,489	92
MG25-505	0,757	41	MG32-001	1,230	55	MG32-065	2,213	66
MG25-506	0,303	39	MG32-002	0,952	55	MG32-066	2,070	66
MG25-507	0,383	39	MG32-003	0,207	62	MG32-067	1,199	65
MG25-508	0,810	48	MG32-004	1,256	55	MG32-068	1,264	89
MG25-509	0,843	49	MG32-005	0,916	70	MG32-070	1,021	89
MG25-510	1,085	50	MG32-006	0,879	70	MG32-072	0,898	61
MG25-511	0,578	52	MG32-009	0,750	69	MG32-073	1,190	71
MG25-513	1,075	51	MG32-010	0,658	67	MG32-074	1,087	71
MG25-514	0,741	92	MG32-011A	0,810	69	MG32-075	1,212	70
MG25-515	0,857	85	MG32-012	0,173	77	MG32-076	0,981	70
MG25-516	0,724	85	MG32-013	1,718	63	MG32-077	0,907	70
MG25-517	1,062	86	MG32-014	1,357	64	MG32-078	0,906	69
MG25-518	0,885	86	MG32-015	1,524	63	MG32-079	0,456	73
MG25-519	1,090	36	MG32-016	0,601	59	MG32-081	0,987	70
MG25-520	1,976	34	MG32-017	0,708	56	MG32-083	1,088	59
MG25-521	1,036	42	MG32-018	1,999	56	MG32-084	1,470	63
MG25-522	1,048	42	MG32-019	2,115	56	MG32-085	1,979	66
MG25-523	0,881	49	MG32-020	0,647	67	MG32-086	0,114	62
MG25-524	0,887	48	MG32-021	1,162	67	MG32-087	0,843	68
MG25-525	1,163	50	MG32-023	1,123	57	MG32-088	0,825	68
MG25-526	0,660	52	MG32-024	0,430	62	MG32-090	0,806	71
MG25-527	1,070	42	MG32-025	0,156	77	MG32-091	0,825	71
MG25-578	0,707	30	MG32-026	0,750	69	MG32-092	1,185	73
MG25-690	1,006	88	MG32-029	0,343	69	MG32-093	1,366	73
MG25-710	0,753	88	MG32-032	0,792	92	MG32-094	1,348	73
MG25-720	1,016	41	MG32-033	1,356	91	MG32-095	1,354	67
MG25-730	0,802	40	MG32-034	2,142	64	MG32-096	1,335	67
MG25-782	0,279	46	MG32-035	1,085	65	MG32-097	0,922	74
MG25-783	0,565	39	MG32-041	1,378	64	MG32-098	0,904	74
MG25-784	0,555	39	MG32-044	0,719	92	MG32-099	0,886	75
MG25-785	0,500	40	MG32-046	0,430	92	MG32-100	1,433	75
MG25-786	0,535	40	MG32-047	1,112	69	MG32-101	1,415	75
MG25-787	0,513	40	MG32-048	1,721	91	MG32-102	1,399	75
MG25-788	0,599	40	MG32-049	0,812	58	MG32-103	0,682	74
MG25-789	0,774	40	MG32-051	0,549	76	MG32-104	1,868	74
MG25-790	0,971	38	MG32-052	0,318	62	MG32-105	1,180	74

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
MG32-105	1,180	74	P-165	1,152	124	T-153	0,335	98
MG32-106	0,969	60	P-166	0,427	117	T-155	0,188	15
MG32-107	1,714	58	P-167A	0,347	117	T-180	0,125	171
MG32-108	1,148	60	P-227	0,549	112	T-214	0,210	118
MG32-109	0,922	87	P-253	0,587	132	U-164	0,708	149
MG32-110	1,274	87	P-256	0,490	112	U-397	0,620	196
MG32-111	0,282	61	P-258	1,134	120	U-398	0,220	197
MG32-112	0,815	71	P-264	1,156	128	U-399	0,245	197
MG32-113	1,050	75	P-268A	1,373	133	U-425	0,157	112
MG32-114	0,143	77	P-270A	0,688	127	U-482	0,118	124
MG32-115	0,135	77	P-272	0,780	129	U-491	0,093	156/198
MG32-116	0,750	76	P-273A	0,538	129	U-495	1,063	158
MG32-117	0,383	69	P-274	0,855	105	U-496	0,338	157
MG32-118	1,285	68	P-280	0,855	132	U-497	0,465	157
MG32-119	0,172	61	P-281A	0,726	126	U-498	0,262	157
MG32-157	0,533	76	P-282A	0,726	126	U-522	0,100	172
MG32-158	0,756	76	P-287	1,498	122	U-555	0,267	201
MG32-159	1,342	61	P-318A	0,558	117	U-555A	0,200	201
MG32-160	1,578	68	P-319A	0,657	113	U-565	0,409	201
MG32-173	0,766	58	P-358A	0,807	128	U-615	0,379	186
MG32-174	0,417	76	P-370A	0,666	113	U-621	0,264	186
MG32-175	0,315	73	P-371A	0,679	113	U-653	0,246	192
MG32-176	1,288	62	P-411	0,481	115	U-654	0,198	193
MG32-177	0,311	61	P-412A	0,453	115	U-655	0,645	192
MG32-178	0,968	71	P-414A	0,578	115	U-659	0,490	122
MG32-610	0,957	57	P-416	0,587	115	U-681	0,135	112
MG32-611	0,934	57	P-417	0,734	125	U-683	0,154	118
MM-375	0,394	101	P-419A	0,610	130	U-685	0,141	122
MM-376	0,590	101	P-525A	0,283	113	U-990A	0,635	149
P-064A	0,332	130	P-574	0,622	116	U-1002	0,213	192
P-068A	0,604	126	PV-021	3,950	184	U-1002A	0,182	192
P-075	0,602	125	RA-006	0,168	14	U-1048	1,463	149
P-078	0,752	127	RA-007	0,157	14	U-1056	0,228	196
P-084A	0,486	124	RA-013	0,268	15/102	U-1076	0,209	132
P-120A	0,463	130	RA-1175	0,297	14	U-1092	0,440	157
P-121	0,529	130	RA-1177C	0,210	14	U-1098	0,494	149
P-140A	0,426	110	RA-1178C	0,273	14	U-1108	0,342	201
P-145	0,489	113	RA-347	0,197	14	U-1109	0,174	201
P-146A	0,426	117	RA-516	0,339	15	U-1233	0,288	101
P-147A	0,300	113	RA-613	0,152	14	VA-012	0,255	81
P-148	0,692	124	SK-001	1,569	188	VA-012F	0,253	81
P-149	0,655	125	SK-002	1,238	188	VA-015	0,265	83
P-151A	0,497	110	SK-003	0,775	189	VA-017	0,274	81
P-152A	0,522	110	SK-004	0,615	189	VA-017F	0,274	81
P-153	0,598	111	SK-005	0,303	189	VA-024	0,271	81
P-155	0,528	117	SK-006	0,279	189	VA-024F	0,271	81
P-157	1,349	103	T-095	0,204	15	VA-201	0,263	83

Cod. Perfil	kg/m	pag.	Cod. Perfil	kg/m	pag.
VA-203	0,329	82	Z-033	0,351	156
VA-203A	0,292	82	Z-063	0,325	156
VZ-023	0,293	83	Z-073	0,326	84
VZ-060	0,397	84	Z-074	0,269	112
Y-105	0,388	197	Z-082	0,393	122
Y-106	0,311	197	Z-114	0,568	103
Y-107	0,262	196	Z-115	0,690	105
Y-110	0,635	126	Z-118	0,666	120
Y-113	0,343	129	Z-148	0,338	83
Y-120	0,263	12	Z-163	0,255	82
Y-131	0,492	124	Z-167	0,836	119
Y-140A	0,338	130	Z-170	0,756	102
Y-148	0,336	130	Z-171	1,001	102
Y-153	0,506	124	Z-172	0,940	103
Y-165	0,132	170	Z-173	1,311	108
Y-166	0,140	170	Z-174	0,716	104
Y-168	0,690	127	Z-175	0,572	105
Y-181	0,570	132	Z-176	0,848	104
Y-195A	0,389	110	Z-178	1,070	119
Y-196	0,479	110	Z-180	0,810	121
Y-197	0,268	118	Z-181	0,564	121
Y-202	0,571	130	Z-182	0,634	120
Y-214	0,606	130	Z-183	0,944	121
Y-215	0,568	116	Z-186	1,038	131
Y-260	0,746	109	Z-192	0,789	107
Y-308	0,278	193	Z-194	0,368	84
Y-310	0,302	192	Z-231	0,940	120
Y-311	0,263	192	Z-248	1,295	84
Y-312	0,519	112	Z-254	0,822	109
Y-335	0,723	153	Z-258	1,115	106
Y-343	0,275	198	Z-259	0,690	105
Y-346	0,504	129	Z-260	1,323	124
Y-350	0,965	109	Z-261	0,892	123
Y-354	0,866	154	Z-263	0,840	122
Y-355	0,873	154	Z-267	0,753	105
Y-360	0,533	154	Z-268	1,011	122
Y-429	0,684	154	Z-284	0,265	83
Y-429A	0,609	155			
Y-630	0,360	116			
Y-718	0,522	125			
Y-719	0,522	125			

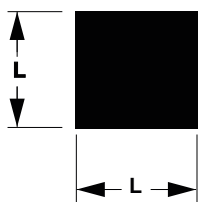
Lined area for notes.

PERFIS TABELADOS
TUBOS
CANTONEIRAS
BARRAS CHATAS
VERGALHÕES



LINHA 10 E VERGALHÃO REDONDO

Cod. Antigo	Cod. Novo	Diâm.	kg/m	Cod. Antigo	Cod. Novo	Diâm.	kg/m
10038C	VER5.50	5,50	0,064	VER-0020	VER23.81	23,81	1,206
VER-0001	VER6.00	6,00	0,076	10011	VER25.00	25,00	1,330
VER-0002	VER6.35	6,35	0,085	VER-0021	VER25.40	25,40	1,373
10002	VER6.80	6,80	0,098	VER-0024	VER28.57	28,57	1,737
10010	VER7.40	7,40	0,116	VER-0027	VER31.75	31,75	2,145
VER-0004	VER7.95	7,95	0,134	VER-0030	VER34.92	34,92	2,585
VER-0005	VER8.00	8,00	0,135	VER-0032	VER38.10	38,10	3,089
10012	VER8.80	8,80	0,165	VER-0034	VER41.27	41,27	3,611
VER-0007	VER9.52	9,52	0,192	VER-0036	VER44.50	45,45	4,205
10025C	VER10.80	10,80	0,048	VER-0038	VER47.62	47,62	4,826
VER-0009	VER11.11	11,11	0,262	VER-0040	VER50.80	50,80	5,493
10018	VER12.00	12,00	0,306	VER-0049	VER54.00	54,00	6,201
VER-0011	VER12.70	12,70	0,343	VER-0050	VER57.15	57,15	6,951
VER-0012	VER14.28	14,28	0,434	10014	VER61.85	61,85	8,142
10036C	VER14.40	14,40	0,441	VER-0042	VER63.50	63,50	8,583
10040C	VER14.90	14,90	0,472	VER-0131	VER69.85	69,85	10,384
VER-0014	VER15.87	15,87	0,534	10016	VER72.00	72,00	11,033
VER-0015	VER17.46	17,46	0,648	10039C	VER82.55	82,55	14,504
VER-0016	VER19.05	19,05	0,772	VER-0044	VER88.90	88,90	16,821
10026C	VER19.25	19,25	0,788	10042C	VER95.25	95,25	19,310
10007	VER21.20	21,20	0,905	VER-0045	VER101.60	101,60	21,970
VER-0018	VER22.23	22,23	1,052	10027E	VER114.30	114,30	27,806
10041C	VER22.36	22,36	1,064	VER-130	VER127.00	127,00	34,329



LINHA 15 BARRA QUADRADA, VERGALHÃO

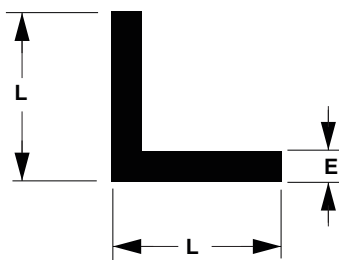
Cod. Antigo	Cod. Novo	L (mm)	kg/m	Cod. Antigo	Cod. Novo	L (mm)	kg/m
VER-4002	VEQ6.35	6,35	0,109	VER-4019	VEQ31.75	31,75	2,762
VER-4003	VEQ7.93	7,93	0,170	VER-4022	VEQ38.10	38,10	3,933
VER-4006	VEQ9.53	9,53	0,245	VER-4024	VEQ44.45	44,45	5,334
VER-4007	VEQ11.11	11,11	0,344	VER-4026	VEQ50.80	50,80	6,993
VER-4008	VEQ12.70	12,70	0,435	BAR-4029	VEQ53.00	53,00	7,584
VER-4011	VEQ15.88	15,88	0,682	VER-4046	VEQ63.50	63,50	10,927
VER-4013	VEQ19.05	19,05	0,982	12-028	VEQ65.00	65,00	11,407
VER-4015	VEQ22.22	22,22	1,333	VER-4067	VEQ76.20	76,20	15,734
VER-4017	VEQ25.40	25,40	1,741	VER-4068	VEQ88.90	88,90	21,417
VER-4018	VEQ28.57	28,57	2,211	VER-4066	VEQ101.60	101,60	29,971



LINHA 16 BARRA SEXTAVADA, VERGALHÃO

Cod. Antigo	Cod. Novo	L (mm)	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-6008	VES17.50	17,50	0,712
VER-6009	VES19.05	19,05	0,854
VER-6011	VES22.30	22,30	1,166

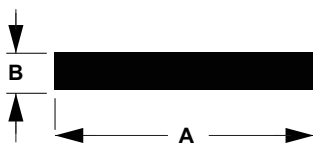
Cod. Antigo	Cod. Novo	L (mm)	kg/m
VER-6012	VES23.82	23,82	1,331
VER-6013	VES25.40	25,40	1,527
VER-6014	VES26.98	26,98	1,708
VER-6015	VES28.50	28,50	1,900
VER-6016	VES30.16	30,16	2,134
VER-6017	VES31.75	31,75	2,365
VER-6019	VES34.92	34,92	2,863
VER-6021	VES38.10	38,10	3,376
VER-6023	VES41.27	41,27	3,998
VER-6030	VES63.50	63,50	9,463



LINHA 20 CANTONEIRA DE ABAS IGUAIS

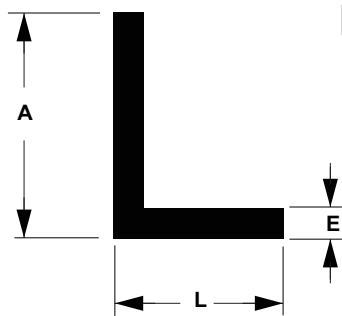
Cod. Antigo	Cod. Novo	Largura L	mm E	kg/m
L-002	PLI12.70X1.58	12,70	1,58	0,101
L-405	PLI15.88X1.58	15,88	1,58	0,128
20-008	PLI15.88X3.18	15,88	3,18	0,245
20-019C	PLI19.05X1.20	19,05	1,20	0,119
L-009	PLI19.05X1.59	19,05	1,59	0,157
L-010	PLI19.05X2.40	19,05	2,40	0,231
L-011	PLI19.05X3.18	19,05	3,18	0,300
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
20-021C	PLI25.00X2.00	25,00	2,00	0,247
L-013	PLI25.40X1.59	25,40	1,59	0,211
L-741	PLI25.40X1.20	25,40	1,20	0,161
L-0014	PLI25.40X3.20	25,40	3,20	0,410
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
20-018C	PLI35.00X1.50	35,00	1,50	0,277
L-744	PLI38.10X1.59	38,10	1,59	0,320

Cod. Antigo	Cod. Novo	Largura L	mm E	kg/m
23-022	PLI38.10X2.00	38,10	2,00	0,401
L-022	PLI38.10X3.18	38,10	3,18	0,629
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	0,247
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-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	2,513
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
20-020E	PLI152.40X7.94	152,40	7,94	6,385



LINHA 12 BARRA RETANGULAR E CANTO VIVO BRCV

Cod. Antigo	Cod. Novo	Largura A	mm B	kg/m	Cod. Antigo	Cod. Novo	Largura A	mm B	kg/m	Cod. Antigo	Cod. Novo	Largura A	mm B	kg/m
BAR-0084	BRCV9.52X6.35	9,52	6,35	0,163	12-041	BRCV44.40X3.00	44,40	3,00	0,360	12-019	BRCV100.00X3.00	100,00	3,00	0,812
12-130C	BRCV12.00X2.50	12,00	2,50	0,081	12-132C	BRCV44.45X15.90	44,45	15,90	1,914	12-012	BRCV100.00X8.00	100,00	8,00	2,160
BAR-0012	BRCV12.70X3.18	12,70	3,18	0,109	12-030	BRCV46.00X26.00	46,00	26,00	3,240	BAR-0186	BRCV100.00X15.00	100,00	15,00	4,050
BAR-0047	BRCV12.70X4.76	12,70	4,76	0,163	12-137C	BRCV50.00X14.00	50,00	14,00	1,896	BAR-0110	BRCV101.60X6.35	101,60	6,35	1,741
BAR-0086	BRCV12.70X6.35	12,70	6,35	0,218	BAR-0387	BRCV50.8X1.50	50,80	1,50	0,206	BAR-0159	BRCV101.60X9.52	101,60	9,52	2,620
12-125C	BRCV15.60X2.60	15,60	2,60	0,109	BAR-0027	BRCV50.80X3.18	50,80	3,18	0,437	BAR-0404	BRCV101.60X19.05	101,60	19,05	5,244
12-025	BRCV15.88X2.00	15,88	2,00	0,085	BAR-0061	BRCV50.80X4.78	50,80	4,78	0,652	BAR-0180	BRCV101.80X12.70	101,80	12,70	3,483
BAR-0013	BRCV15.88X3.18	15,88	3,18	0,136	BAR-0100	BRCV50.80X6.35	50,80	6,35	0,873	12-009	BRCV110.00X3.00	110,00	3,00	0,894
BAR-0049	BRCV15.88X4.76	15,88	4,76	0,204	BAR-0137	BRCV50.80X9.50	50,80	9,50	1,306	12-011	BRCV110.00X6.00	110,00	6,00	1,788
BAR-0088	BRCV15.88X6.35	15,88	6,35	0,273	BAR-0168	BRCV50.80X12.70	50,80	12,70	1,741	12-017	BRCV120.00X4.00	120,00	4,00	1,296
12-001	BRCV17.80X1.80	17,80	1,80	0,086	BAR-0198	BRCV50.80X15.87	50,80	15,87	2,184	BAR-0413	BRCV125.00X4.76	125,00	4,76	1,612
BAR-0050	BRCV19.05X4.76	19,05	4,76	0,245	BAR-0189	BRCV50.80X19.05	50,80	19,05	2,622	12-015	BRCV125.00X42.00	125,00	42,00	14,227
BAR-0089	BRCV19.05X6.35	19,05	6,35	0,327	BAR-0194	BRCV50.80X25.40	50,80	25,40	3,496	12-014	BRCV127.00X9.52	127,00	9,52	3,276
BAR-0014	BRCV19.35X3.18	19,35	3,18	0,166	12-013	BRCV52.00X37.00	52,00	37,00	5,194	BAR-0182	BRCV127.00X12.70	127,00	12,70	4,370
12-036	BRCV22.00X3.00	22,00	3,00	0,178	12-021	BRCV60.00X20.00	60,00	20,00	3,240	BAR-414	BRCV127.00X15.88	127,00	15,88	5,464
12-045	BRCV22.00X3.70	22,00	3,70	0,220	12-010	BRCV60.50X2.00	60,50	2,00	0,327	12-044	BRCV127.00X16.00	127,00	16,00	5,506
BAR-0052	BRCV22.22X4.76	22,22	4,76	0,286	12-026	BRCV61.00X2.20	61,00	2,20	0,363	12-086C	BRCV127.00X19.05	127,00	19,05	6,555
BAR-0090	BRCV22.22X6.35	22,22	6,35	0,382	BAR-0030	BRCV63.50X3.20	63,50	3,20	0,546	BAR-0192	BRCV127.00X25.40	127,00	25,40	8,741
BAR-0015	BRCV22.23X3.18	22,23	3,18	0,191	BAR-0064	BRCV63.50X4.76	63,50	4,76	0,818	12-152C	BRCV133.00X4.20	133,00	4,20	1,512
12-048	BRCV24.00X4.00	24,00	4,00	0,259	BAR-0104	BRCV63.50X6.35	63,50	6,35	1,088	12-004	BRCV133.35X4.76	133,35	4,76	1,720
BAR-0002	BRCV25.40X1.60	25,40	1,60	0,109	BAR-0141	BRCV63.50X9.52	63,50	9,52	1,630	12-124C	BRCV137.00X6.35	137,00	6,35	2,356
BAR-0016	BRCV25.40X3.18	25,40	3,18	0,218	BAR-0172	BRCV63.50X12.70	63,50	12,70	2,185	BAR-0183	BRCV139.70X12.70	139,70	12,70	4,790
BAR-0053	BRCV25.40X4.76	25,40	4,76	0,327	12-142C	BRCV63.50X15.87	63,50	15,87	2,730	12-018	BRCV150.00X4.00	150,00	4,00	1,625
BAR-0091	BRCV25.40X6.35	25,40	6,35	0,436	12-027	BRCV65.00X53.00	65,00	53,00	9,300	BAR-0114	BRCV152.40X6.35	152,40	6,35	2,622
BAR-0129	BRCV25.40X9.52	25,40	9,52	0,655	12-006	BRCV70.00X5.00	70,00	5,00	0,945	BAR-0184	BRCV152.40X12.70	152,40	12,70	5,244
BAR-0160	BRCV25.40X12.70	25,40	12,70	0,873	12-008	BRCV72.00X2.50	72,00	2,50	0,487	12-063	BRCV152.40X15.88	152,40	15,88	6,558
12-133C	BRCV30.00X15.00	30,00	15,00	1,218	BAR-0032	BRCV76.20X3.17	76,20	3,17	0,652	12-101D	BRCV152.40X19.05	152,40	19,05	7,867
BAR-0320	BRCV31.5X16.5	31,50	16,5	1,409	BAR-0106	BRCV76.20X6.35	76,20	6,35	0,350	12-100D	BRCV152.40X25.40	152,40	25,40	10,490
BAR-0019	BRCV31.75X3.18	31,75	3,18	0,271	12-088C	BRCV76.20X7.94	76,20	7,94	1,639	12-105D	BRCV160.00X12.70	160,00	12,70	5,506
BAR-0054	BRCV31.75X4.80	31,75	4,80	0,409	12-031C	BRCV76.20X9.52	76,20	9,52	1,992	12-138C	BRCV177.80X9.53	177,80	9,53	4,591
BAR-0093	BRCV31.75X6.40	31,75	6,35	0,546	BAR-0175	BRCV76.20X12.70	76,20	12,70	2,622	12-106D	BRCV190.00X12.70	190,00	12,70	6,539
BAR-0132	BRCV31.75X9.50	31,75	9,50	0,816	BAR-0330	BRCV76.20X15.90	76,20	15,90	3,283	12-037	BRCV203.20X12.70	203,20	12,70	6,993
BAR-0022	BRCV38.10X3.18	38,10	3,18	0,328	BAR-0191	BRCV76.20X25.40	76,20	25,40	5,225	BAR-0196	BRCV203.20X15.88	203,20	15,88	8,741
BAR-0057	BRCV38.10X4.76	38,10	4,76	0,491	BAR-0397	BRCV76.20X31.75	76,20	31,75	6,556	12-075	BRCV207.00X45.00	207,00	45,00	25,243
BAR-0096	BRCV38.10X6.35	38,10	6,35	0,655	BAR-0193	BRCV76.20X38.10	76,20	38,10	7,867	12-032	BRCV213.00X20.00	213,00	20,00	11,544
BAR-0134	BRCV38.10X9.52	38,10	9,52	0,980	12-002	BRCV88.50X3.50	88,50	3,50	0,836	12-148C	BRCV240.00X15.88	240,00	15,88	10,327
BAR-0164	BRCV38.10X12.70	38,10	12,70	1,311	12-016	BRCV88.90X4.76	88,90	4,76	1,142	12-149C	BRCV270.00X26.00	270,00	26,00	19,010
BAR-0208	BRCV38.10X15.87	38,10	15,87	1,638	BAR-108	BRCV88.90X4.76	88,90	6,35	1,529	12-129E	BRCV280.00X15.80	280,00	15,80	11,988
BAR-0382	BRCV38.10X25.40	38,10	25,40	2,622	12-136C	BRCV90.50X37.00	90,50	37,00	9,073	12-162E	BRCV300.00X7.00	300,00	8,00	5,691
12-033	BRCV40.00X8.85	40,00	8,85	0,959	12-020	BRCV92.00X51.00	92,00	51,00	12,715	12-163E	BRCV300.00X10.00	300,00	10,00	8,130

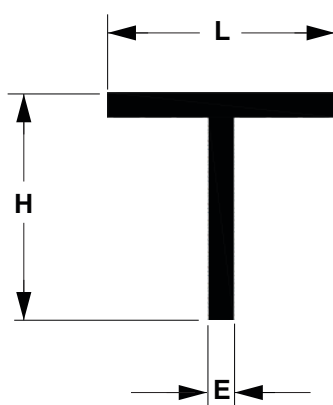


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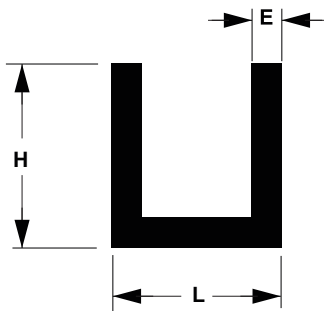
Cod. Antigo	Cod. Novo	Altura A	Largura L	mm E	kg/m
23-024	PLD12.00X7.50X2.00	12,00	7,50	2,00	0,094
23-021	PLD16.80X9.80X1.80	16,80	9,80	1,80	0,120
23-013	PLD19.00X8.00X1.50	19,00	8,00	1,50	0,103
23-025	PLD20.00X10.00X1.20	20,00	10,00	1,20	0,093
23-046C	PLD21.00X12.80X1.20	21,00	12,80	1,20	0,105
23-015	PLD21.00X13.00X2.00	21,00	13,00	2,00	0,173
23-028	PLD25.00X12.70X2.40	25,00	12,70	1,60	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
23-029	PLD27.00X8.00X2.50	27,00	8,00	2,50	0,219
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
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

Cod. Antigo	Cod. Novo	Altura A	Largura L	mm E	kg/m
L-040	PLD44.45X31.75X4.76	44,45	31,75	4,76	0,921
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	PLD51.00X18.00X4.00	51,00	18,00	4,00	0,704
23-049C	PLD60.00X35.00X1.30	60,00	35,00	1,30	0,330
23-004	PLD60.00X35.00X1.58	60,00	35,00	1,58	0,400
L-054	PLD63.00X51.30X6.35	63,00	51,30	6,35	1,857
L-070	PLD88.90X76.20X6.35	88,90	76,20	6,35	2,731
23-048C	PLD94.30X30.00X1.30	94,30	30,00	1,30	0,433
23-002	PLD94.30X30.00X1.60	94,30	30,00	1,60	0,531
23-030	PLD100.00X101.50X16.50	100,00	101,50	16,50	9,884
23-039C	PLD101.60X50.80X4.76	101,60	50,80	4,76	1,903
23-032C	PLD120.00X31.00X3.00	120,00	31,00	3,00	1,202
23-010	PLD125.00X50.00X2.00	125,00	50,00	2,00	0,933
23-023	PLD150.00X60.00X7.94	150,00	60,00	7,94	4,347
23-031	PLD200.00X50.00X6.00	200,00	50,00	6,00	3,967

LINHA 50 PERFIL "T"



Cod. Antigo	Cod. Novo	Largura A	Altura L	mm E	kg/m
50-025	PT19.00X19.00X1.58	19,00	19,00	1,58	0,155
50-005	PT25.00X25.00X1.50	25,00	25,00	1,50	0,195
50-017	PT25.40X25.40X4.83	25,40	25,40	4,83	0,595
50-016	PT26.00X35.00X3.00	26,00	35,00	3,00	0,471
50-001	PT50.00X50.00X2.00	50,00	50,00	2,00	0,529
50-003	PT50.00X75.00X4.00	50,00	75,00	4,00	1,306
50-038E	PT63.50X228.60X9.52	63,50	228,60	9,52	7,289
50-036C	PT80.00X60.00X2.00	80,00	60,00	2,00	0,751
50-046C	PT85.00X75.00X2.00	85,00	75,00	4,00	1,690



LINHAS 31 E PERFIL "U"

Cod. Antigo	Cod. Novo	Largura L	Altura H	mm E	kg/m
31-001	PU6.35X6.35X1.60	6,35	6,35	1,60	0,068
31-086C	PU8.50X10.50X1.20	8,50	10,50	1,20	0,087
31-071C	PU9.20X15.00X1.20	9,20	15,00	1,20	0,111
U-841	PU9.50X9.50X1.20	9,50	9,50	1,20	0,085
U-036	PU9.52X9.52X1.60	9,52	9,52	1,60	0,110
U-037	PU12.70X9.50X1.60	12,70	9,50	1,60	0,137
U-044	PU12.70X12.70X1.60	12,70	12,70	1,60	0,151
U-306	PU12.70X12.70X3.17	12,70	12,70	3,17	0,270
31-041	PU13.00X13.00X1.30	13,00	13,00	1,30	0,128
31-078C	PU14.00X20.00X0.90	14,00	20,00	0,90	0,127
U-555A	PU14.20X25.00X1.20	14,20	25,00	1,20	0,200
31-007	PU14.40X12.70X1.20	14,40	12,70	1,20	0,121
31-037	PU15.00X11.00X1.20	15,00	11,00	1,20	0,125
31-036	PU15.00X13.90X1.20	15,00	13,90	1,20	0,134
U-555	PU15.00X25.00X1.60	15,00	25,00	1,60	0,267
U-048	PU15.88X9.52X2.40	15,88	9,52	2,40	0,195
U-049	PU15.88X15.88X2.40	15,88	15,88	2,40	0,278
U-509	PU15.90X15.90X1.60	15,90	15,90	1,60	0,193
31-061D	PU17.00X42.00X1.40	17,00	42,00	1,40	0,372
31-045	PU20.00X10.70X1.00	20,00	10,70	1,00	0,129
31-044	PU20.00X14.00X1.00	20,00	14,00	1,00	0,138
U-061	PU20.00X15.00X1.50	20,00	15,00	1,50	0,191
31-092C	PU20.00X40.50X2.00	20,00	40,50	2,00	0,546
31-039	PU20.30X5.80X1.80	20,30	5,80	1,80	0,137
31-025	PU21.70X8.00X2.50	21,70	8,00	2,50	0,221
U-1168	PU22.00X22.00X1.90	22,00	22,00	1,90	0,320
U-064	PU22.20X22.20X1.90	22,20	22,20	2,38	0,397
31-062C	PU24.10X11.80X1.00	24,10	11,80	1,00	0,123
31-083C	PU25.00X22.00X1.00	25,00	22,00	1,00	0,181
31-064C	PU36.40X12.70X3.18	25,40	12,70	3,18	0,382
31-046	PU25.40X15.50X2.35	25,40	15,50	2,35	0,392
31-082C	PU25.40X25.40X2.38	25,40	25,40	2,38	0,460
U-0070	PU25.40X25.40X3.20	25,40	25,40	3,20	0,604
31-048	PU28.30X24.70X1.10	28,30	24,70	1,10	0,235
31-118C	PU30.00X30.00X3.00	30,00	30,00	3,00	0,683
31-057C	PU30.40X39.90X1.50	30,40	39,90	1,50	0,435
31-002	PU31.75X31.75X2.00	31,75	31,75	2,00	0,492
31-018	PU35.00X29.00X1.50	35,00	29,00	1,50	0,388
31-042	PU37.60X11.50X1.20	37,60	11,50	1,20	0,186
31-029	PU38.00X38.00X2.00	38,00	38,00	2,00	0,596
U-1216	PU38.10X12.70X1.50	38,10	12,70	1,50	0,245
31-004	PU38.10X12.70X1.80	38,10	12,70	1,80	0,291
U-082	PU38.10X12.70X2.38	38,10	12,70	2,38	0,378
U-1217	PU38.10X25.40X2.00	38,10	25,40	2,00	0,645

Cod. Antigo	Cod. Novo	Largura L	Altura H	mm E	kg/m
U-496	PU39.60X15.10X1.80	39,60	15,10	1,80	0,338
31-009	PU40.00X25.00X3.50	40,00	25,00	3,50	0,784
31-069C	PU40.00X30.00X1.40	40,00	30,00	1,40	0,368
31-068C	PU40.00X40.00X1.40	40,00	40,00	1,40	0,444
31-095C	PU42.50X80.00X2.50	45,20	80,00	2,50	1,354
U-501	PU43.60X30.00X1.80	43,60	30,00	1,80	0,487
31-067C	PU44.00X38.00X1.50	44,00	38,00	1,50	0,475
31-074C	PU44.00X50.00X1.50	44,00	50,00	1,50	0,572
31-040	PU45.00X45.00X1.60	45,00	45,00	1,60	0,570
U-653	PU46.30X17.00X1.20	46,30	17,00	1,20	0,246
U-1184	PU50.00X25.00X2.00	50,00	25,00	2,00	0,518
31-010	PU50.00X33.00X2.00	50,00	33,00	2,00	0,603
31-103C	PU50.00X100.00X5.00	50,00	100,00	5,00	3,114
U-732	PU50.80X25.40X3.15	50,80	25,40	3,15	0,810
31-054C	PU50.80X127.00X6.35	50,80	127,00	6,35	3,762
31-073C	PU53.80X20.00X1.40	53,80	20,00	1,40	0,340
31-043	PU54.00X35.00X3.17	54,00	35,00	3,17	0,985
31-049	PU54.50X20.00X2.00	54,50	20,00	2,00	0,482
31-075C	PU56.00X51.00X2.50	56,00	51,00	2,50	1,019
U-489	PU60.00X25.00X1.50	60,00	25,00	1,50	0,496
31-117C	PU60.00X35.00X2.00	60,00	35,00	2,00	0,683
31-093C	PU60.10X50.00X1.40	60,10	40,00	1,40	0,624
31-052C	PU70.00X50.00X3.00	70,00	50,00	3,00	1,535
31-097C	PU73.00X16.20X3.00	73,00	16,20	3,00	0,956
31-088C	PU73.60X10.80X1.20	73,60	10,80	1,20	0,301
31-050	PU76.00X48.00X6.00	76,00	48,00	6,00	2,717
U-092	PU80.00X32.00X2.00	80,00	32,00	2,00	0,756
31-065C	PU100.00X40.00X4.00	100,00	40,00	4,00	1,864
U-093	PU101.60X50.80X3.15	101,60	50,80	3,15	1,680
31-072C	PU103.80X20.00X1.40	103,80	20,00	1,40	0,529
31-008	PU107.00X47.50X2.50	107,00	47,50	2,50	1,329
31-098C	PU127.00X44.50X4.83	127,00	44,45	4,83	2,753
31-005	PU130.20X34.92X9.52	130,20	34,92	9,52	4,695
31-085C	PU150.00X9.90X2.00	150,00	9,90	2,00	0,894
31-121D	PU150.00X50.00X3.00	150,00	50,00	3,00	1,984
31-017	PU151.00X84.00X9.00	151,00	84,00	9,00	5,900
31-053C	PU152.40X44.45X3.00	152,40	44,45	3,00	1,926
31-081D	PU152.40X50.00X4.00	152,40	50,00	4,00	2,653
31-099C	PU152.40X51.70X7.98	152,40	51,66	7,98	4,554
31-023	PU160.00X40.00X2.50	160,00	40,00	2,50	1,592
31-028	PU170.00X75.00X4.50	170,00	75,00	4,50	3,965
31-101C	PU177.80X61.10X11.60	177,80	61,10	11,60	8,841
31-024	PU183.00X15.00X2.00	183,00	15,00	2,00	1,132
31-058E	PU239.60X40.00X4.80	239,60	40,00	4,80	4,031



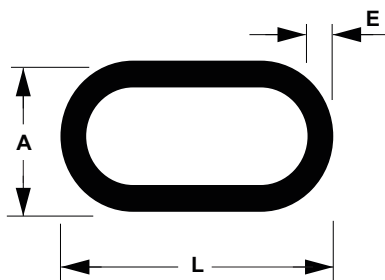
LINHA 72 TUBO REDONDO

Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m	Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m	Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m
72-151	TR8.00X1.50	8,00	1,50	0,083	TUB-0036	TR22.22X1.00	22,22	1,00	0,180	72-126	TR33.40X2.60	33,40	2,60	0,679
TUB-0001	TR9.52X1.00	9,52	1,00	0,072	TUB-0037	TR22.22X1.24	22,22	1,24	0,221	TUB-0066	TR33.0X3.38	33,40	3,38	0,860
TUB-0003	TR9.52X1.59	9,52	1,59	0,107	72-314C	TR22.22X1.50	22,22	1,50	0,264	72-022	TR34.50X8.90	34,50	8,90	1,939
72-124	TR9.52X2.66	9,52	2,66	0,154	TUB-0038	TR22.22X1.59	22,22	1,59	0,278	72-325C	TR34.70X1.20	34,70	1,20	0,397
72-109	TR10.00X1.10	10,00	1,10	0,083	TUB-0041	TR22.22X3.00	22,22	3,00	0,512	72-072	TR34.70X1.85	34,70	1,85	0,515
72-076	TR10.00X1.50	10,00	1,50	0,108	72-333C	TR22.35X1.00	22,35	1,00	0,182	72-073	TR34.70X2.85	34,70	2,85	0,770
72-289C	TR12.50X1.15	12,50	1,15	0,110	72-270	TR22.40X1.00	22,40	1,00	0,183	72-329C	TR34.70X11.95	34,70	11,95	2,314
TUB-0008	TR12.70X1.00	12,70	1,00	0,100	72-121	TR22.40X5.85	22,40	5,85	0,830	TUB-653C	TR34.93X3.17	34,93	3,17	0,856
TUB-0009	TR12.70X1.24	12,70	1,24	0,120	72-351C	TR23.20X4.10	23,20	4,10	0,667	72-133	TR35.00X1.50	35,00	1,50	0,426
TUB-0010	TR12.70X1.59	12,70	1,59	0,150	TUB-176	TR24.00X2.50	24,00	2,50	0,457	TUB-407	TR35.00X2.00	35,00	2,00	0,561
TUB-0011	TR12.70X2.00	12,70	2,00	0,182	72-227	TR24.50X6.00	24,50	6,00	0,945	72-312C	TR35.00X5.00	35,00	5,00	1,130
72-308C	TR14.00X1.50	14,00	1,50	0,150	72-304C	TR25.00X1.58	25,00	1,58	0,315	72-340C	TR36.00X6.25	36,00	6,25	1,590
72-255	TR15.00X1.00	15,00	1,00	0,119	72-352C	TR25.00X2.00	25,00	2,00	0,392	72-295C	TR38.10X1.10	38,10	1,10	0,346
72-016	TR15.00X2.65	15,00	2,65	0,278	72-366C	TR25.00X2.40	25,00	2,40	0,462	TUB-0069	TR38.10X1.50	38,10	1,50	0,467
72-214	TR15.50X1.50	15,50	1,50	0,178	72-283C	TR25.20X1.00	25,20	1,00	0,206	72-055	TR38.10X2.00	38,10	2,00	0,612
TUB-0021	TR15.80X3.20	15,80	3,20	0,343	72-291C	TR25.25X3.10	25,25	3,10	0,588	72-231	TR38.10X2.38	38,10	2,38	0,723
TUB-0017	TR15.88X1.00	15,88	1,00	0,126	TUB-0044	TR25.40X1.00	25,40	1,00	0,206	72-233	TR38.10X2.60	38,10	2,60	0,785
TUB-0018	TR15.88X1.24	15,88	1,24	0,153	TUB-0045	TR25.40X1.24	25,40	1,24	0,255	TUB-0070	TR38.10X3.18	38,10	3,18	0,940
TUB-0019	TR15.88X1.59	15,88	1,59	0,192	72-241	TR25.40X1.50	25,40	1,50	0,305	72-210	TR38.10X6.75	38,10	6,75	1,802
TUB-0020	TR15.88X2.38	15,88	2,38	0,270	TUB-0046	TR25.40X1.59	25,40	1,59	0,321	72-292C	TR38.10X7.05	38,10	7,05	1,863
72-309C	TR15.88X2.60	15,88	2,60	0,161	TUB-0222	TR25.40X2.00	25,40	2,00	0,398	72-285C	TR38.20X1.55	38,20	1,55	0,483
72-293C	TR15.90X1.20	15,90	1,20	0,150	TUB-0047	TR25.40X2.40	25,40	2,40	0,466	72-320C	TR38.40X1.10	38,40	1,10	0,349
72-274	TR17.00X2.00	17,00	2,00	0,255	TUB-0048	TR25.40X3.18	25,40	3,18	0,601	72-354C	TR38.50X6.00	38,50	6,00	1,660
72-130	TR17.50X3.25	17,50	3,25	0,392	72-290C	TR25.40X3.70	25,40	3,70	0,684	72-156	TR39.20X1.60	39,20	1,60	0,512
72-313C	TR18.40X1.50	18,40	1,50	0,215	72-266	TR25.40X4.80	25,40	4,80	0,850	72-267	TR40.00X2.60	40,00	2,60	0,827
72-254	TR18.50X1.58	18,50	1,58	0,227	72-127	TR25.40X6.55	25,40	6,55	1,047	72-263	TR41.50X7.40	41,50	7,40	2,148
TUB-0026	TR19.05X1.00	19,05	1,00	0,153	72-080	TR26.70X2.20	26,70	2,20	0,457	72-205	TR42.00X7.00	42,00	7,00	2,085
TUB-0027	TR19.05X1.24	19,05	1,24	0,188	TUB-0050	TR26.67X2.87	26,67	2,87	0,579	TUB-0075	TR42.17X3.56	42,17	3,56	1,165
72-361C	TR19.05X1.40	19,05	1,40	0,210	72-350C	TR27.00X4.50	27,00	4,50	0,862	TUB-0471	TR42.20X4.50	42,20	4,50	1,444
72-321C	TR19.05X1.50	19,05	1,50	0,224	72-028	TR28.00X1.10	28,00	1,10	0,250	72-102	TR42.80X7.90	42,80	7,90	2,338
TUB-0028	TR19.05X1.59	19,05	1,59	0,236	72-359C	TR28.50X7.00	28,50	7,00	1,281	72-142	TR43.00X1.80	43,00	1,80	0,630
TUB-0544	TR19.05X2.50	19,05	2,50	0,352	72-276C	TR28.58X1.00	28,58	1,00	0,232	72-344C	TR43.50X6.75	43,50	6,75	2,112
TUB-0030	TR19.05X3.18	19,05	3,18	0,429	TUB-0053	TR28.58X1.58	28,58	1,58	0,363	TUB-0081	TR44.45X1.58	44,45	1,58	0,576
72-319C	TR19.80X5.80	19,80	5,80	0,689	72-360C	TR28.57X3.97	28,58	3,97	0,831	72-207	TR44.45X3.17	44,45	3,17	1,114
72-269	TR19.90X1.20	19,90	1,20	0,191	72-337C	TR30.00X2.00	30,00	2,00	0,476	72-315	TR45.00X2.00	45,00	2,00	0,732
72-286C	TR20.00X1.80	20,00	1,80	0,278	72-222	TR30.00X3.50	30,00	3,50	0,789	72-328C	TR46.40X12.85	46,40	12,85	3,670
72-146	TR20.00X5.50	20,00	5,50	0,679	72-098	TR30.00X5.10	30,00	5,10	1,077	72-155	TR47.60X9.15	47,60	9,15	1,012
72-165	TR20.50X2.40	20,50	2,40	0,370	72-342C	TR30.00X6.30	30,00	6,30	1,270	TUB-0088	TR48.26X3.68	48,26	3,68	1,396
72-251	TR20.70X5.00	20,70	5,00	0,668	72-310C	TR30.00X16.20	30,00	16,20	1,357	72-262	TR48.50X7.35	48,50	7,35	2,574
TUB-0366	TR21.00X1.50	21,00	1,50	0,249	72-282C	TR31.60X1.00	31,60	1,00	0,266	72-261	TR48.50X8.25	48,50	8,25	2,827
72-332C	TR21.30X3.73	21,30	3,73	0,557	TUB-0461	TR31.75X1.10	31,75	1,10	0,262	72-257	TR50.00X2.00	50,00	2,00	0,817
72-103	TR21.30X3.75	21,30	3,75	0,558	72-364C	TR31.75X1.20	31,75	1,20	0,312	72-169	TR50.80X1.27	50,80	1,27	0,533
TUB-0034	TR21.34X2.77	21,34	2,77	0,436	TUB-0058	TR31.75X1.59	31,75	1,59	0,408	TUB-0609	TR50.80X1.45	50,80	1,45	0,609
72-326C	TR21.60X1.23	21,60	1,23	0,213	TUB-0060	TR31.75X2.38	31,75	2,38	0,592	72-185	TR50.80X1.60	50,80	1,60	0,670
72-260	TR21.60X1.58	21,60	1,58	0,269	TUB-0580	TR31.75X3.05	31,75	3,05	0,745	72-213	TR50.80X1.65	50,80	1,65	0,690
72-015	TR21.90X1.95	21,90	1,95	0,213	TUB-0061	TR31.75X3.17	31,75	3,17	0,770	72-268	TR50.80X1.80	50,80	1,80	0,771
72-004	TR22.10X1.67	22,10	1,67	0,290	TUB-0059	TR31.80X2.00	31,80	2,00	0,506	72-060	TR50.80X2.00	50,80	2,00	0,827
72-298C	TR22.20X1.23	22,20	1,23	0,218	72-353C	TR32.00X5.75	32,00	5,75	1,285	72-264	TR50.80X3.00	50,80	3,00	1,220
72-064	TR22.20X2.20	22,20	2,20	0,373	72-339C	TR32.20X5.40	32,20	5,40	1,250	72-229	TR50.80X3.18	50,80	3,18	1,289
72-297C	TR22.20X2.38	22,20	2,38	0,402	72-091	TR33.30X6.75	33,30	6,75	1,520	72-236	TR50.80X4.00	50,80	4,00	1,593



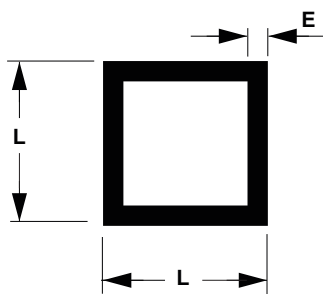
LINHA 72 TUBO REDONDO

Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m	Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m	Cod. Antigo	Cod. Novo	Diâmetro D	mm E	kg/m
72-252	TR50.80X6.35	50,80	6,35	2,403	72-201	TR76.20X1.70	76,20	1,70	1,078	72-217	TR120.00X3.50	120,00	3,50	3,471
72-271	TR50.80X8.05	50,80	8,05	2,929	72-206	TR76.20X2.00	76,20	2,00	1,263	72-346D	TR120.00X6.00	120,00	6,00	5,824
TUB-652C	TR53.00X9.60	53,00	9,60	3,547	72-324C	TR76.20X2.35	76,20	2,35	1,477	72-345D	TR120.00X11.00	120,00	11,00	10,208
72-268	TR55.00X1.70	55,00	1,70	0,771	72-159	TR76.20X2.50	76,20	2,50	1,569	72-202	TR127.00X3.00	127,00	3,00	3,167
72-182	TR55.00X2.00	55,00	2,00	0,902	TUB-0167	TR76.20X3.00	76,20	3,00	1,869	72-347D	TR127.00X3.18	127,00	3,18	3,352
72-287D	TR55.00X2.44	55,00	2,44	1,090	72-117	TR76.20X3.18	76,20	3,18	1,966	TUB-0129	TR127.00X6.27	127,00	6,27	6,444
72-180	TR55.00X6.00	55,00	6,00	2,503	72-302C	TR76.20X5.60	76,20	5,60	3,365	72-335C	TR127.00X8.50	127,00	8,50	8,575
72-099	TR55.50X9.90	55,50	9,90	2,830	72-248	TR77.00X2.00	77,00	2,00	1,277	TUB-0131	TR127.00X9.01	127,00	9,01	9,050
72-183	TR57.20X2.38	57,20	2,38	1,110	72-010	TR80.00X2.00	80,00	2,00	1,323	72-278C	TR130.00X3.00	130,00	3,00	3,243
72-228	TR58.40X10.80	58,40	10,80	4,380	72-330C	TR80.00X2.50	80,00	2,50	1,649	TUB-0132	TR141.00X6.55	141,00	6,55	7,514
72-232	TR60.00X1.50	60,00	1,50	0,747	72-090	TR80.00X8.00	80,00	8,00	4,885	TUB-133	TR141.00X9.52	141,00	9,52	10,680
72-197	TR60.00X2.00	60,00	2,00	0,987	72-219	TR82.00X2.50	82,00	2,50	1,685	TUB-0614	TR141.30X12.70	141,30	12,70	13,904
72-105	TR60.00X4.50	60,00	4,50	2,118	72-331C	TR83.80X8.00	83,80	8,00	5,162	72-317D	TR152.40X1.60	152,40	1,60	2,054
72-154	TR60.00X5.00	60,00	5,00	2,341	TUB-0248	TR84.60X4.00	84,60	4,00	2,734	72-294D	TR152.40X3.18	152,40	3,18	4,033
72-186	TR60.30X2.50	60,30	2,50	1,230	72-281C	TR88.90X2.00	88,90	2,00	1,479	72-294D	TR152.40X3.18	152,40	3,18	4,033
TUB-0100	TR60.33X3.91	60,33	3,91	1,878	TUB-0117	TR88.90X5.50	88,90	5,50	3,898	72-306D	TR153.00X14.50	153,00	14,50	17,097
TUB-0101	TR60.33X5.54	60,33	5,54	2,584	72-355C	TR88.90X6.35	88,90	6,35	4,463	72-349C	TR154.00X19.00	154,00	19,00	21,838
TUB-602	TR60.33X8.71	60,33	8,71	3,829	72-187	TR90.00X2.00	90,00	2,00	1,498	TUB-136	TR168.20X10.97	168,20	10,97	14,684
72-253	TR60.69X1.82	60,69	1,82	0,912	72-137	TR90.00X3.00	90,00	3,00	2,222	TUB-0135	TR168.30X7.11	168,30	7,11	9,756
72-327C	TR62.00X2.00	62,00	2,00	1,021	72-250	TR91.00X5.50	91,00	5,50	4,003	72-305D	TR178.00X14.50	178,00	14,50	20,183
72-246	TR62.00X11.00	62,00	11,00	4,776	72-296C	TR95.00X4.00	95,00	4,00	3,098	72-371E	TR200.00X10.00	200,00	10,00	16,716
TUB-156	TR63.00X1.50	63,00	1,50	0,782	72-316C	TR95.00X17.00	95,00	17,00	11,289	72-363E	TR203.20X1.90	203,20	1,90	3,256
72-243	TR63.00X1.80	63,00	1,80	0,937	72-240	TR97.20X3.50	97,20	3,50	2,792	72-300E	TR203.20X25.40	203,20	25,40	38,448
72-189	TR63.50X1.60	63,50	1,60	0,843	72-256	TR98.90X1.74	98,90	3,65	2,960	TUB-650C	TR219.10X8.81	219,10	8,81	14,687
72-081	TR63.50X1.65	63,50	1,65	0,865	72-299C	TR100.00X1.50	100,00	1,50	1,257	72-362E	TR244.00X22.00	244,00	22,00	41,581
72-198	TR63.50X1.70	63,50	1,70	0,894	72-200	TR100.00X2.00	100,00	2,00	1,668					
72-158	TR63.50X2.50	63,50	2,50	1,298	72-168	TR100.00X7.00	100,00	7,00	5,547					
72-223	TR63.50X3.05	63,50	3,05	1,569	TUB-0337	TR101.60X1.20	101,60	1,20	1,025					
72-148	TR63.50X3.18	63,50	3,18	1,633	72-190	TR101.60X1.58	101,60	1,58	1,345					
72-101	TR63.50X11.25	63,50	11,25	4,985	72-172	TR101.60X2.00	101,60	2,00	1,695					
72-040	TR64.00X2.00	64,00	2,00	1,051	TUB--182	TR101.60X2.60	101,60	2,60	2,191					
72-194	TR64.00X8.50	64,00	8,50	4,016	72-238	TR101.60X2.35	101,60	6,35	5,149					
72-008	TR65.00X1.50	65,00	1,50	1,711	72-303C	TR101.60X2.38	101,60	2,38	2,010					
72-322C	TR65.00X9.50	65,00	9,50	4,488	TUB-0649	TR101.60X3.17	101,60	3,17	2,656					
72-118	TR65.00X10.85	65,00	10,85	4,984	TUB-0122	TR101.60X5.74	101,60	5,74	4,791					
72-211	TR66.00X1.50	66,00	1,50	0,823	72-365C	TR103.90X3.00	103,90	3,00	2,577					
72-106	TR67.00X9.50	67,00	9,50	4,633	TUB-0362	TR105.00X3.50	105,00	3,50	3,024					
72-093	TR69.85X3.17	69,85	3,17	1,792	72-218	TR107.90X3.00	107,90	3,00	2,679					
72-014	TR70.00X1.50	70,00	1,50	0,871	72-273	TR107.95X3.42	107,95	3,42	3,047					
72-009	TR70.00X3.00	70,00	3,00	1,711	72-318D	TR108.50X4.25	108,50	4,25	3,772					
72-120	TR70.00X3.50	70,00	3,50	1,981	72-171	TR110.00X1.70	110,00	1,70	1,567					
72-179	TR70.00X6.00	70,00	6,00	3,269	72-176	TR110.00X2.50	110,00	2,50	2,288					
72-104	TR70.00X11.75	70,00	11,75	5,805	72-259	TR110.00X3.50	110,00	3,50	3,173					
72-277C	TR73.00X2.00	73,00	2,00	1,208	72-323C	TR114.30X3.05	114,30	3,05	2,888					
72-275	TR73.00X3.00	73,00	3,00	1,787	72-284C	TR114.30X3.85	114,30	3,85	3,620					
TUB-0109	TR73.03X5.16	73,03	5,16	2,981	TUB-0125	TR114.30X6.02	114,30	6,02	5,549					
TUB-0110	TR73.03X7.01	73,03	7,01	3,925	TUB-0127	TR114.30X8.56	114,30	8,56	7,706					
72-307C	TR75.00X2.00	75,00	2,00	1,242	TUB-0137	TR114.30X9.53	114,30	9,53	8,500					
TUB-0324	TR76.20X1.27	76,20	1,27	0,807	TUB-0610	TR114.30X11.10	114,30	11,10	9,752					
72-163	TR76.20X1.58	76,20	1,58	1,004	72-249	TR120.00X1.70	120,00	1,70	1,712					



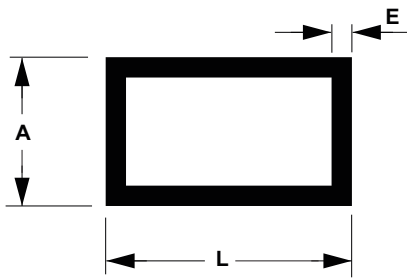
LINHAS 75 E TUBO OBLONGO

Cod. Antigo	Cod. Novo	Largura L	Altura A	mm E	kg/m
MG16-350	TO15.00X8.00X1.00	15,00	8,00	1,00	0,097
75-023C	TO25.00X15.00X2.00	25,00	15,00	2,00	0,330
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
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
78-300	TO58.00X29.00X4.00	58,00	29,00	4,00	0,771
78-857	TO100.00X33.00X1.40	100,00	33,00	1,40	0,885
78-764	TO105.00X72.00X2.50	105,00	72,00	2,50	1,888
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



LINHA 73 E TUBO QUADRADO

Cod. Antigo	Cod. Novo	Quadrado L	mm E	kg/m	Cod. Antigo	Cod. Novo	Quadrado L	mm E	kg/m
73-018C	TQ10.00X1.50	10,00	1,50	0,138	78-1204C	TQ42.00X2.00	42,00	2,00	0,867
73-005	TQ12.70X1.58	12,70	1,58	0,189	73-008	TQ44.45X2.68	44,45	2,68	1,211
TUB-4001	TQ12.70X1.65	12,70	1,65	0,196	73-021C	TQ50.00X3.00	50,00	3,00	1,528
TUB-4002	TQ15.90X1.50	15,90	1,50	0,233	73-011	TQ50.00X5.00	50,00	5,00	2,439
TUB-4038	TQ19.00X1.20	19,00	1,20	0,231	73-026C	TQ50.80X1.30	50,80	1,30	0,700
TUB-4003	TQ19.05X1.50	19,05	1,50	0,285	73-010	TQ50.80X1.58	50,80	1,58	0,842
73-029C	TQ19.10X1.10	19,10	1,10	0,214	TUB-4020	TQ50.80X2.00	50,80	2,00	1,057
73-015C	TQ25.40X1.00	25,40	1,00	0,264	73-006	TQ50.80X3.00	50,80	3,00	1,554
TUB-4007	TQ25.40X1.20	25,40	1,20	0,314	TUB-4048	TQ50.80X3.18	50,80	3,18	1,635
TUB-4008	TQ25.40C1.50	25,40	1,50	0,389	73-001	TQ50.80X6.35	50,80	6,35	3,050
73-024C	TQ25.40X2.00	25,40	2,00	0,507	TUB-4030	TQ65.00X2.00	65,00	2,00	1,365
78-1930C	TQ30.00X2.00	30,00	2,00	0,607	73-030C	TQ75.00X1.40	75,00	1,40	1,117
TUB-4046	TQ30.00X4.00	30,00	4,00	1,127	73-016C	TQ76.20X2.00	76,20	2,00	1,608
TUB-4011	TQ31.75X1.50	31,75	1,50	0,492	TUB-4067	TQ76.20X3.17	76,20	3,17	2,509
78-1932C	TQ38.00X2.00	38,00	2,00	0,780	TUB-4034	TQ80.00X1.80	80,00	1,80	1,525
73-020C	TQ38.10X1.00	38,10	1,00	0,402	73-028C	TQ88.90X1.40	88,90	1,40	1,328
TUB-4014	TQ38.10X1.50	38,10	1,50	0,595	73-014D	TQ101.60X1.70	101,60	1,70	1,840
73-027C	TQ38.10X1.20	38,10	1,20	0,480	TUB-4054	TQ101.60X2.50	101,60	2,50	2,675
73-023C	TQ40.00X2.00	40,00	2,00	0,823	73-025E	TQ152.40X2.50	152,40	2,50	4,062
73-022C	TQ40.00X3.00	40,00	3,00	1,203	73-039E	TQ152.40X3.80	152,40	3,80	6,121



LINHAS 74 E TUBO RETANGULAR

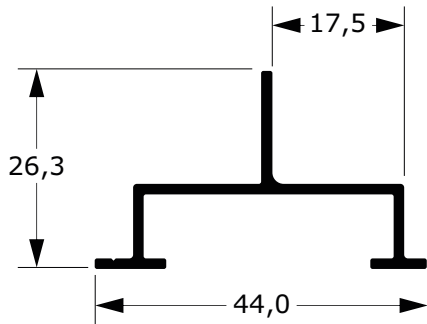
Cod. Antigo	Cod. Novo	Largura L	Altura A	mm E	kg/m
74-021	TG20.00X12.00X1.50	20,00	12,00	1,50	0,235
74-032	TG25.40X12.70X1.00	25,40	12,70	1,00	0,195
TUB-4584	TG25.40X12.70X1.58	25,40	12,70	1,58	0,299
TUB-4501	TG25.40X12.70X1.65	25,40	12,70	1,65	0,311
74-009	TG28.00X9.00X1.40	28,00	9,00	1,40	0,258
74-041C	TG30.00X10.00X1.50	30,00	10,00	1,50	0,300
TUB-4509	TG30.00X20.00X2.00	30,00	20,00	2,00	0,497
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
74-028	TG40.00X20.00X1.50	40,00	20,00	1,50	0,463
74-054C	TG40.00X20.00X3.00	40,00	20,00	3,00	0,878
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
74-008	TG50.00X30.00X2.00	50,00	30,00	2,00	0,821
74-056C	TG50.00X38.10X3.00	50,00	38,10	3,00	1,334
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
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
TUB-4513	TG50.80X38.10X2.00	50,80	38,10	2,00	0,920
74-020	TG50.80X38.10X1.58	50,80	38,10	1,58	0,734
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
74-015	TG60.30X38.10X1.40	60,30	38,10	1,40	0,725
TUB-4543	TG60.30X38.10X1.70	60,30	38,10	1,70	0,870
74-069C	TG60.30X38.10X2.00	60,30	38,10	2,00	1,357

Cod. Antigo	Cod. Novo	Largura L	Altura A	mm E	kg/m
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
74-067C	TG76.20X25.40X2.00	76,20	25,40	2,00	1,483
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-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
74-065C	TG80.00X40.00X5.00	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
74-044C	TG100.00X30.00X3.00	100,00	30,00	3,00	2,016
74-040C	TG100.00X40.00X1.50	100,00	40,00	1,50	1,113
74-055C	TG100.00X60.00X4.00	100,00	60,00	4,00	3,295
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
74-053C	TG101.60X50.80X2.40	101,60	50,80	2,40	1,919
74-003	TG101.60X50.80X2.00	101,60	50,80	2,00	1,602
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
74-035C	TG118.00X45.00X3.00	118,00	45,00	3,00	2,552
74-048C	TG125.00X80.00X2.00	125,00	80,00	2,00	2,178
TUB-4600	TG127.00X50.80X3.17	127,00	50,80	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
78-2141D	TG200.00X50.00X2.00	200,00	50,00	2,00	2,667
78-2140D	TG250.00X50.00X2.50	250,00	50,00	2,50	3,997

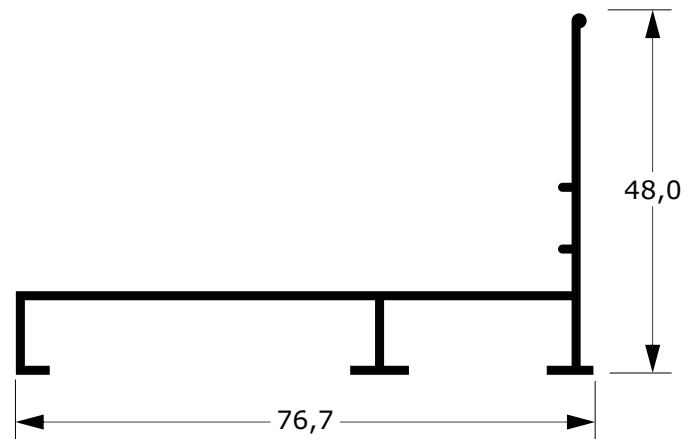
Lined area for notes.

Lined area for notes.

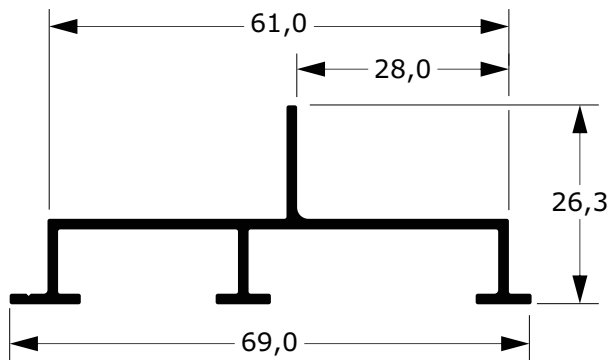
CONTRAMARCOS
MACHO & CUNHA
ARREMATES



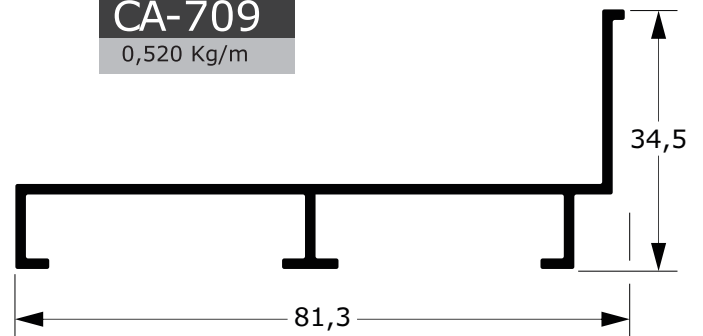
CA-204
0,327 Kg/m



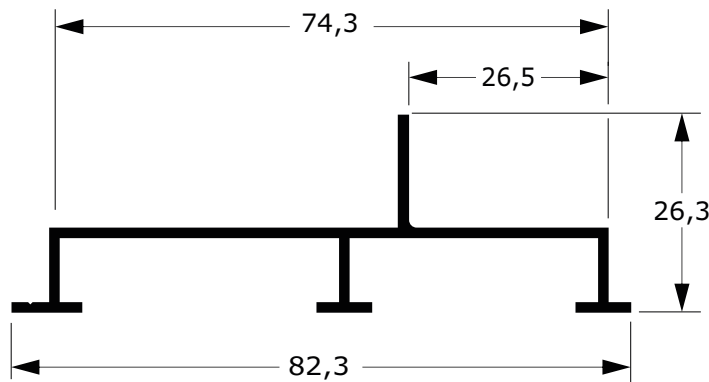
CA-709
0,520 Kg/m



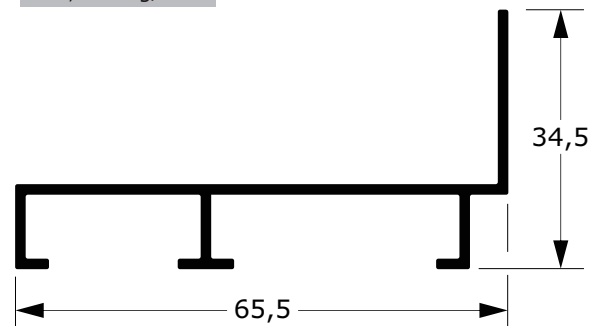
CA-126
0,477 Kg/m



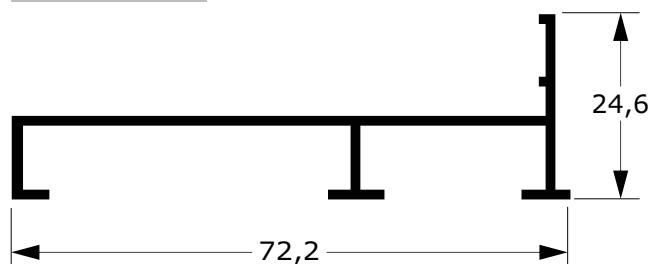
CA-028
0,554 Kg/m



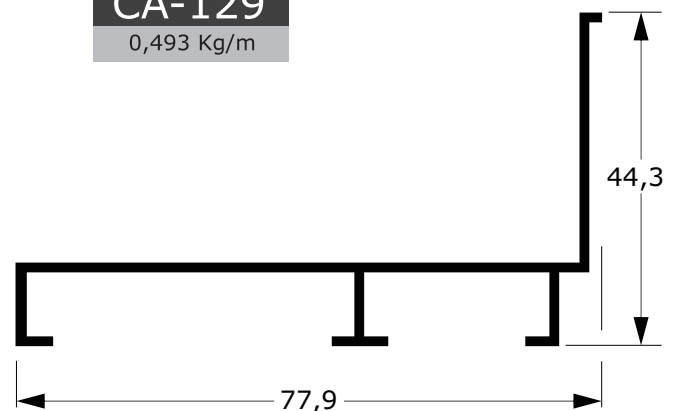
CA-125
0,531 Kg/m



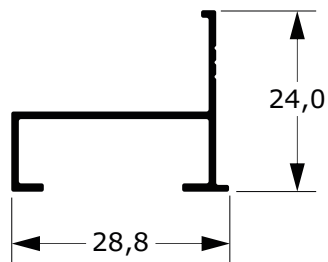
CA-129
0,493 Kg/m



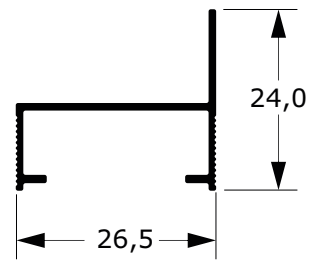
CA-113
0,468 Kg/m



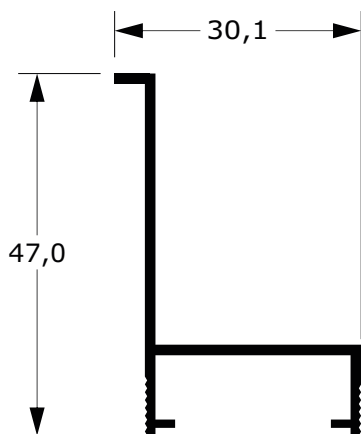
CA-517
0,531 Kg/m



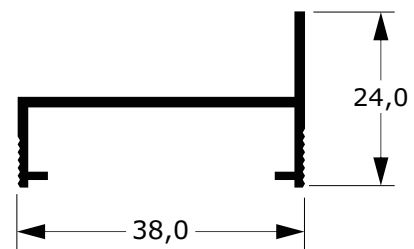
CA-721A
0,188 Kg/m



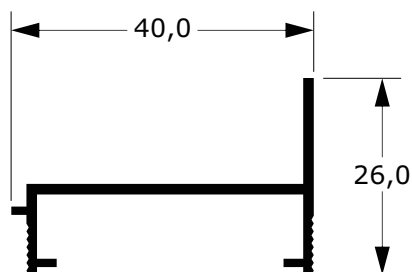
CA-063A
0,175 Kg/m



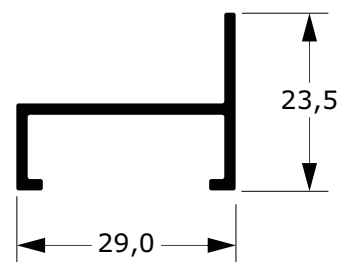
CA-151
0,333 Kg/m



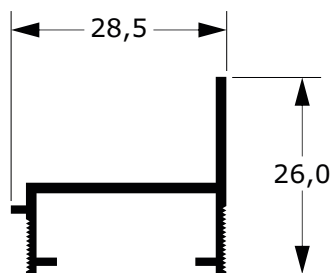
CA-060A
0,223 Kg/m



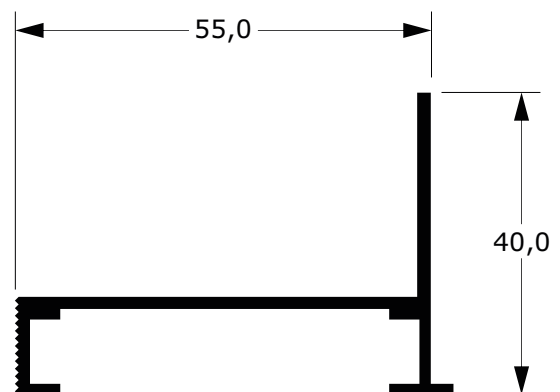
39-118
0,293 Kg/m



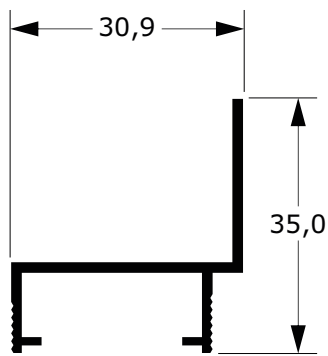
Y-120
0,263 Kg/m
(25-557)



39-126
0,245 Kg/m

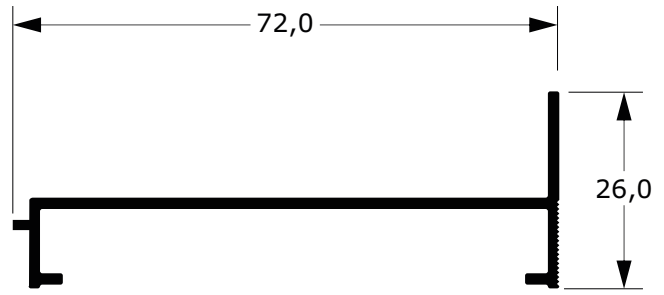


39-161
0,544 Kg/m



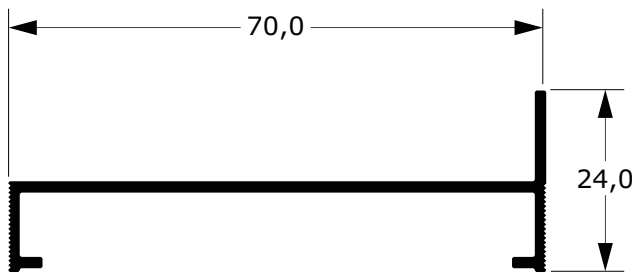
39-500

0,295 kg/m



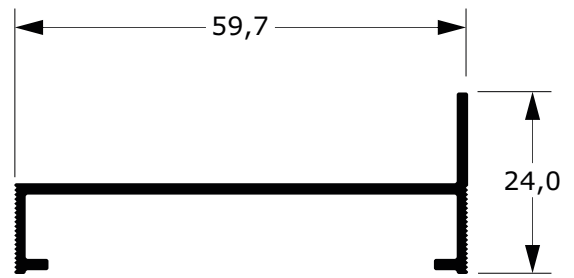
39-119

0,414 Kg/m



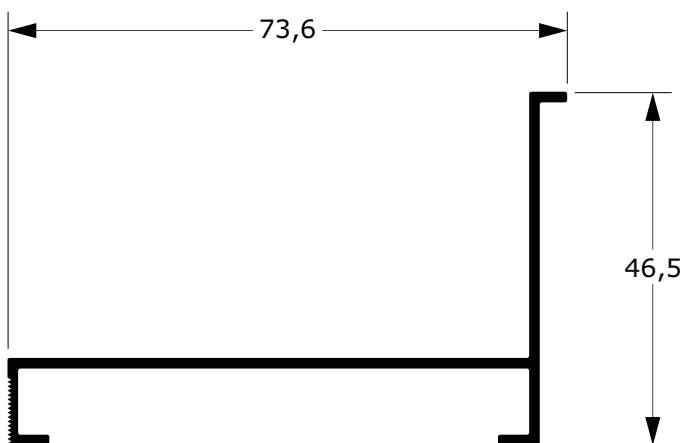
CA-096

0,394 Kg/m



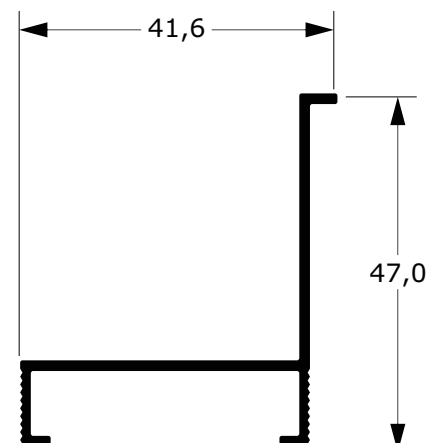
39-341

0,392 Kg/m



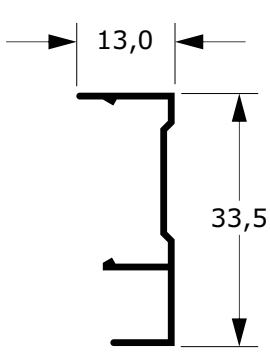
CA-032

0,513 Kg/m

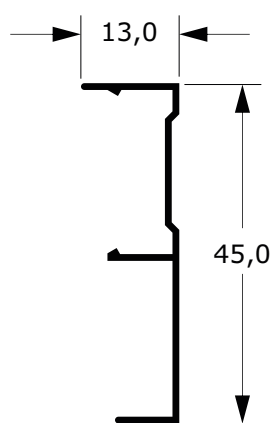


CA-098

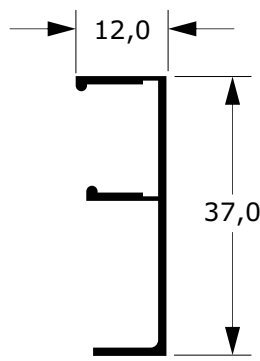
0,377 Kg/m



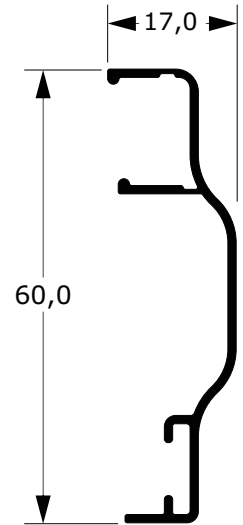
E-504
0,156 Kg/m
(CM-111)



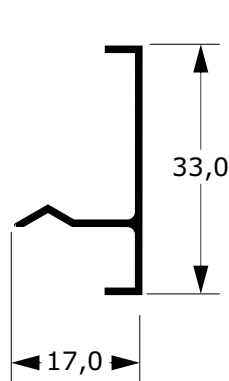
39-065
0,184 Kg/m



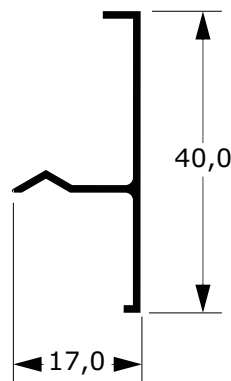
RA-347
0,197 Kg/m



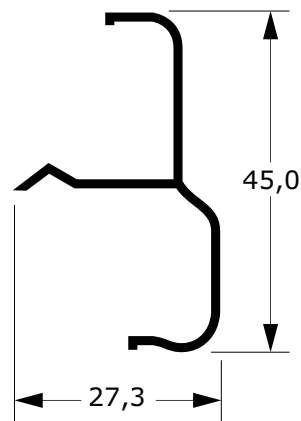
RA-1175
0,297 kg/m



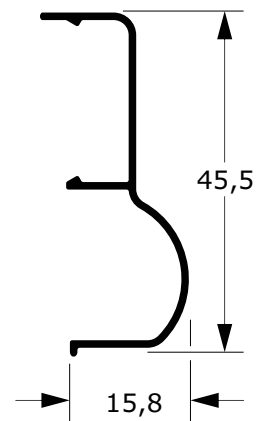
RA-007
0,157 Kg/m



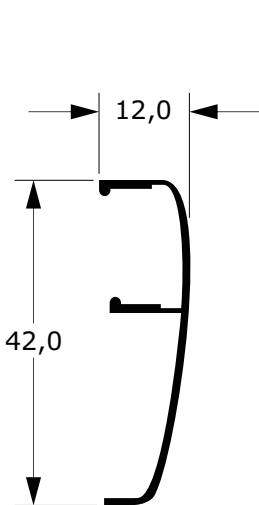
RA-006
0,168 Kg/m



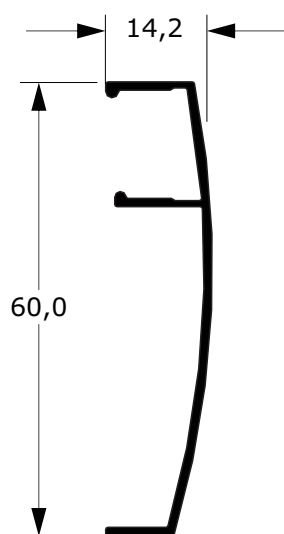
39-448
0,283 Kg/m



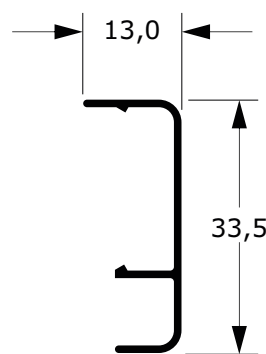
39-1009
0,209 Kg/m



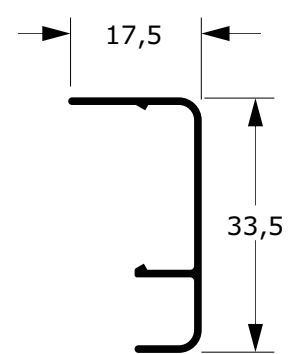
RA-1177 C
0,210 Kg/m



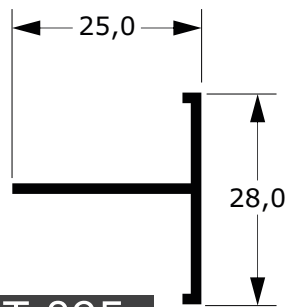
RA-1178 C
0,273 Kg/m



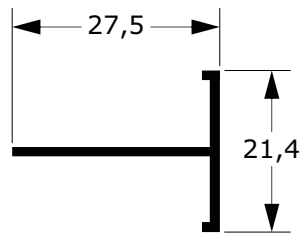
RA-613
0,152 kg/m



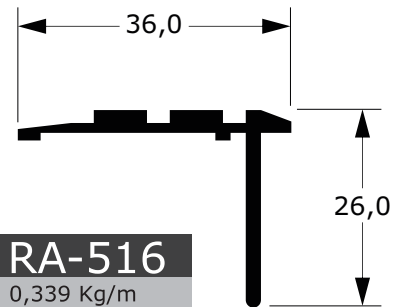
39-816
0,175 Kg/m



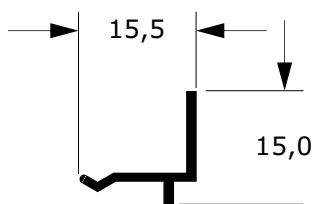
T-095
0,204 Kg/m



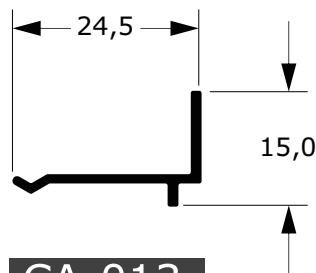
T-155
0,188 Kg/m



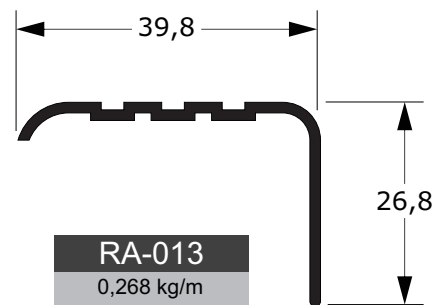
RA-516
0,339 Kg/m



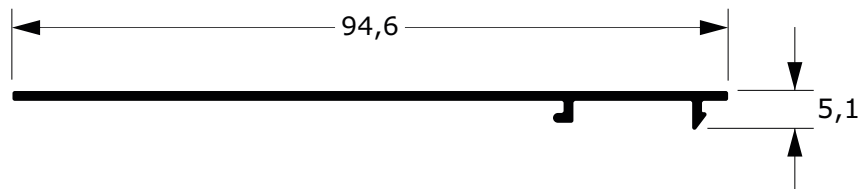
CA-014
0,104 Kg/m



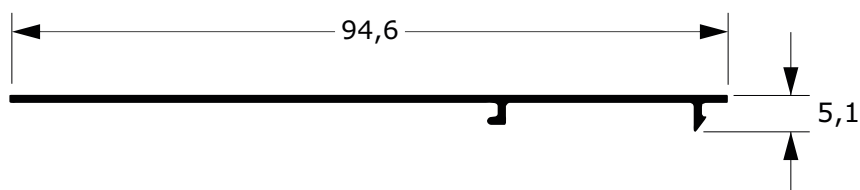
CA-013
0,134 Kg/m



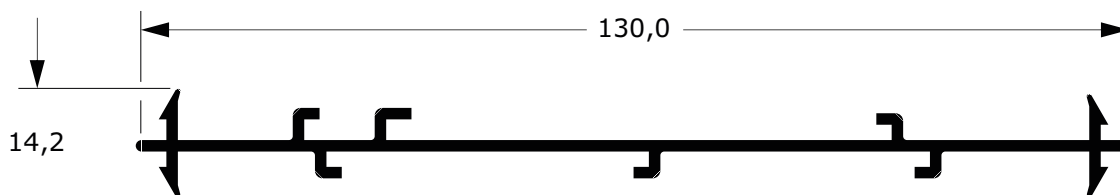
RA-013
0,268 kg/m



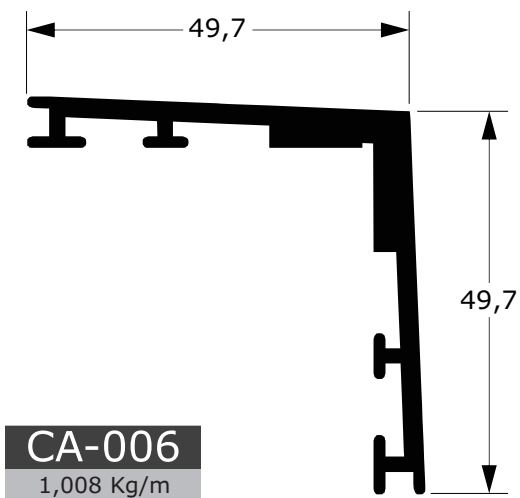
CA-207
0,360 Kg/m



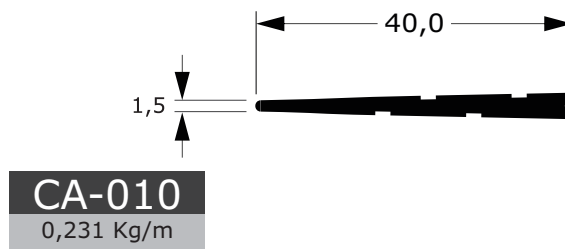
CA-209
0,361 Kg/m



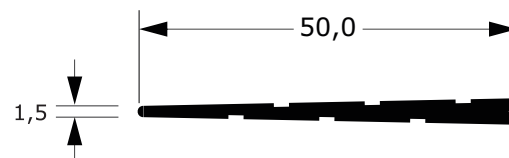
CA-093
0,766 Kg/m



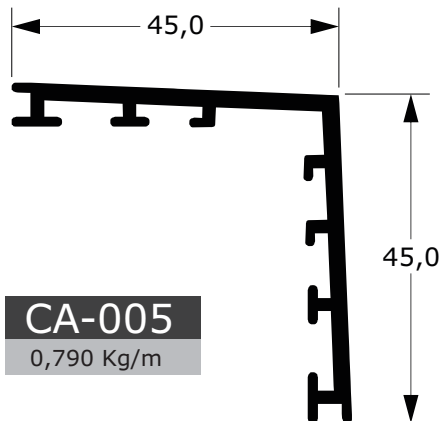
CA-006
1,008 Kg/m



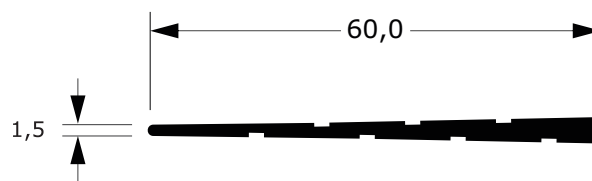
CA-010
0,231 Kg/m



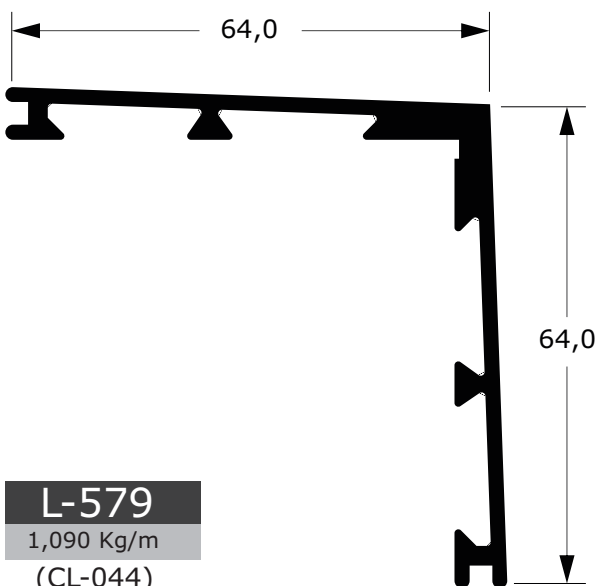
CA-011
0,315 Kg/m



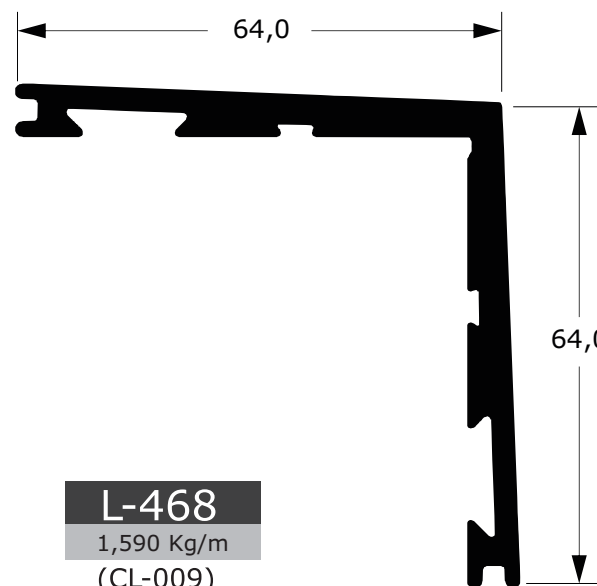
CA-005
0,790 Kg/m



BAR-4037
0,389 Kg/m



L-579
1,090 Kg/m
(CL-044)

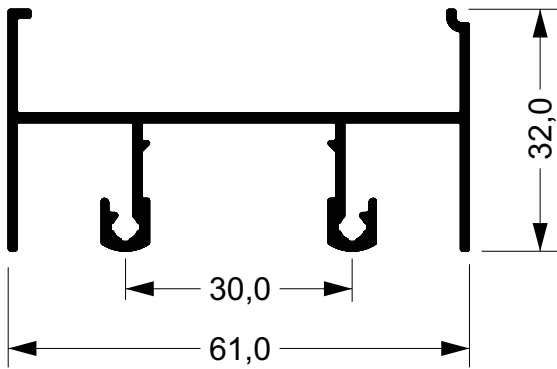


L-468
1,590 Kg/m
(CL-009)

Lined area for notes.

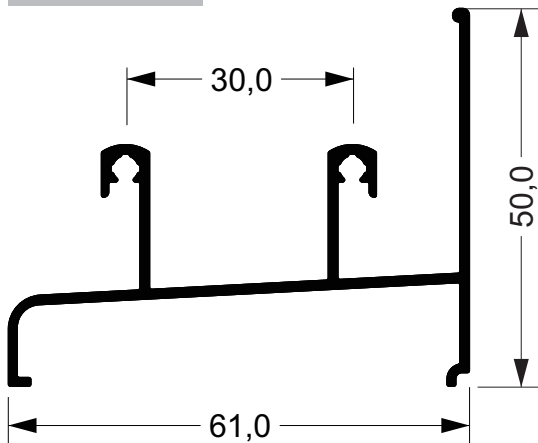
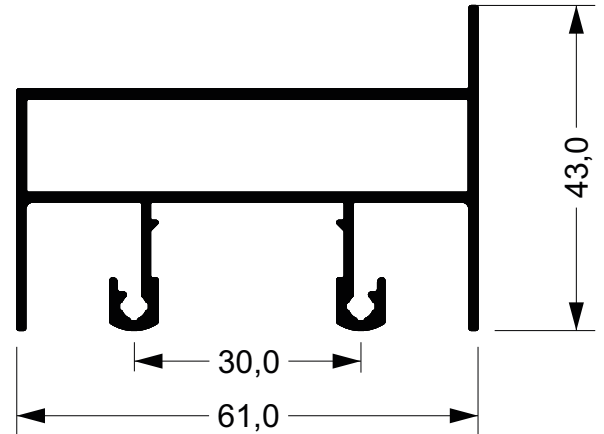


LINHA MEGA 20



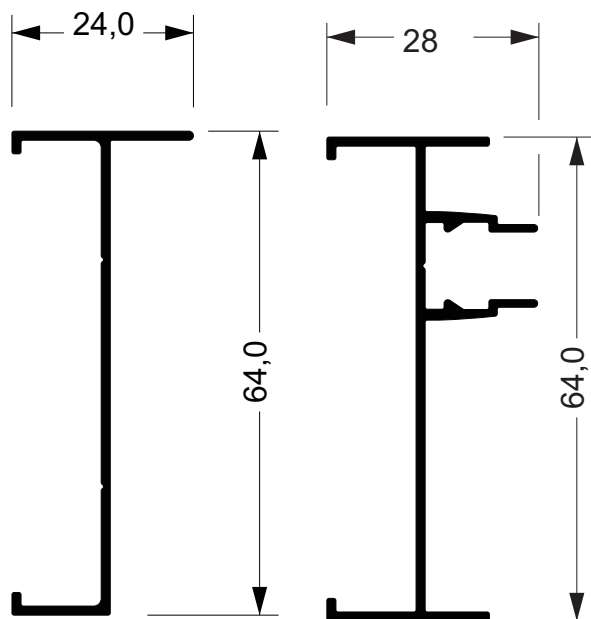
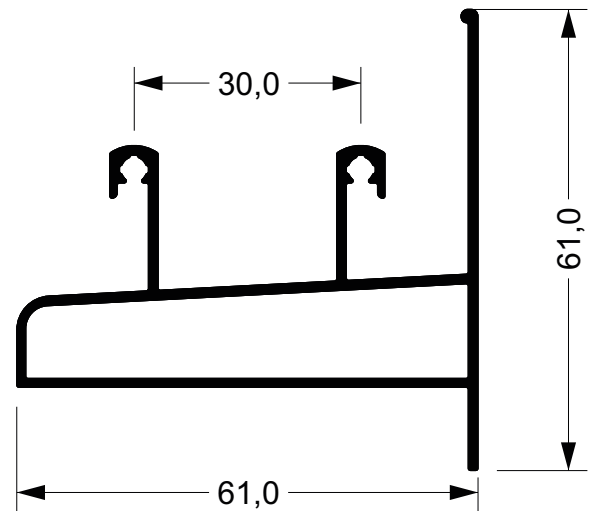
MG20-101
0,637 kg/m

MG20-105
0,893 kg/m



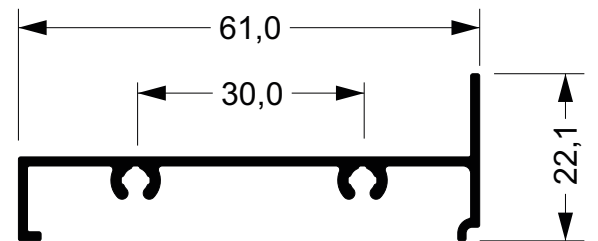
MG20-102
0,641 kg/m

MG20-106
0,893 kg/m

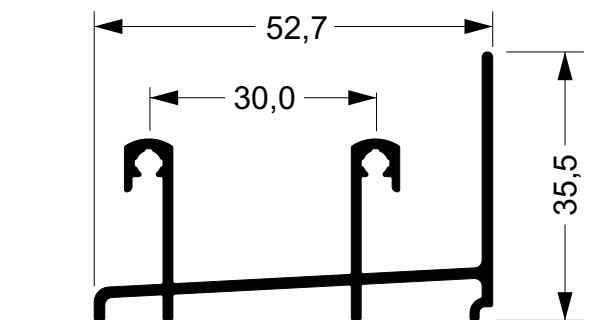


MG20-107
0,332 kg/m

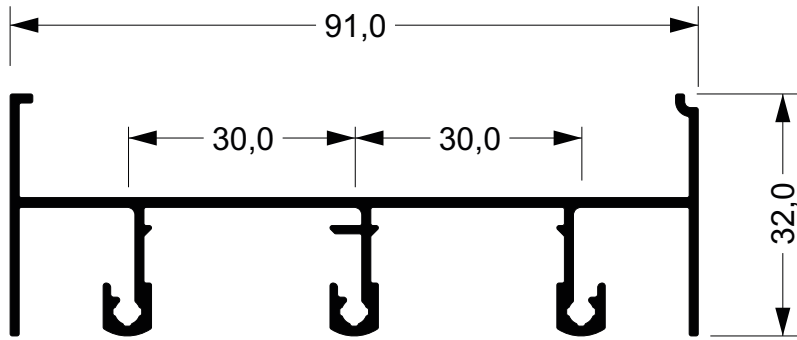
MG20-103
0,462 kg/m



MG20-104
0,388 kg/m

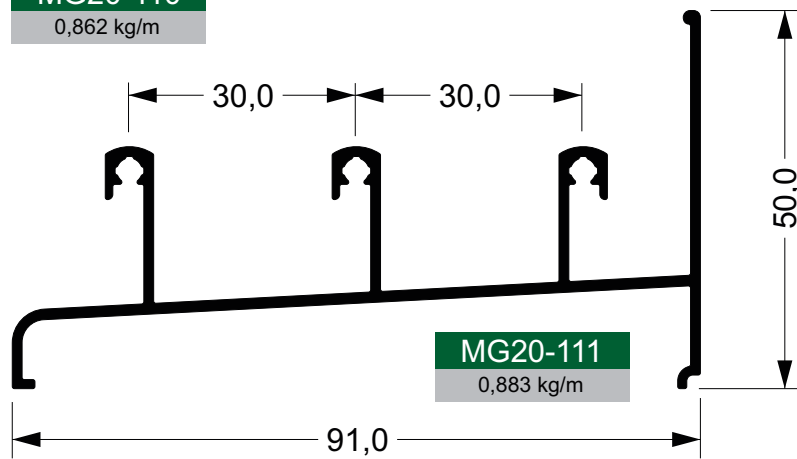


MG20-115
0,584 kg/m



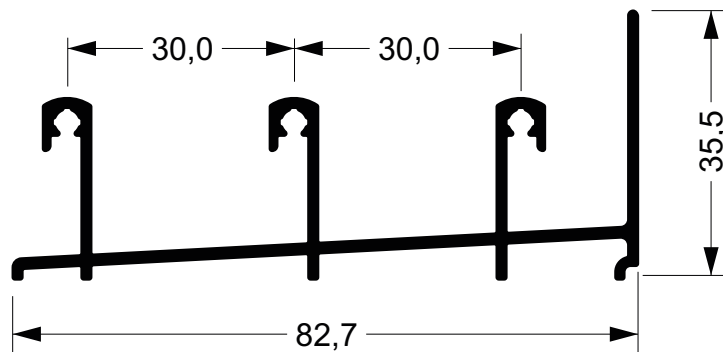
MG20-110

0,862 kg/m



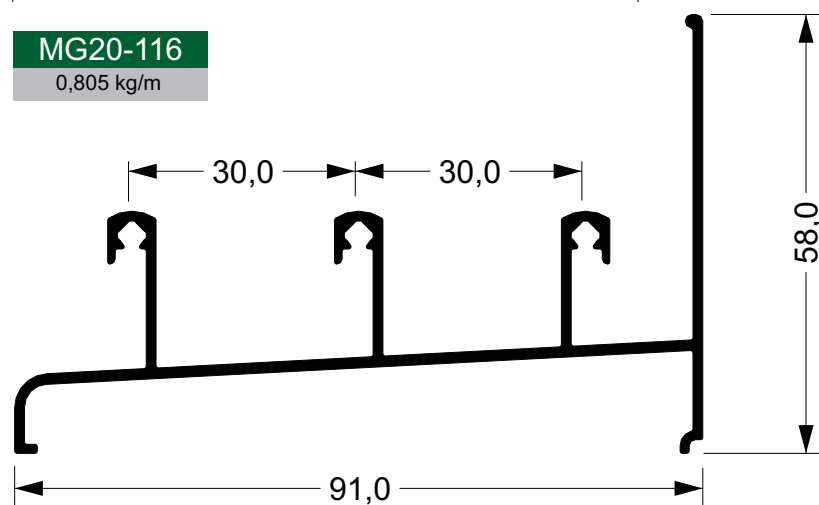
MG20-111

0,883 kg/m



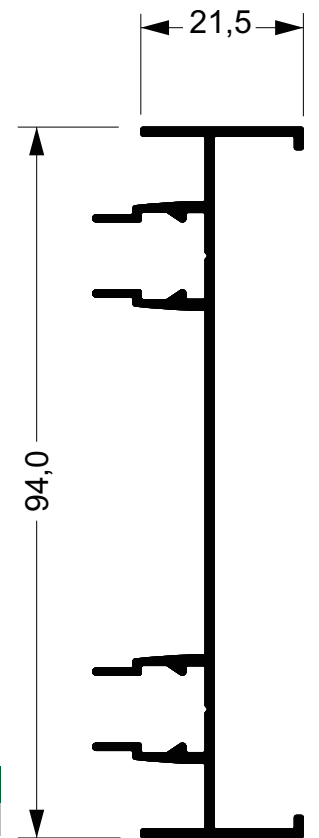
MG20-116

0,805 kg/m



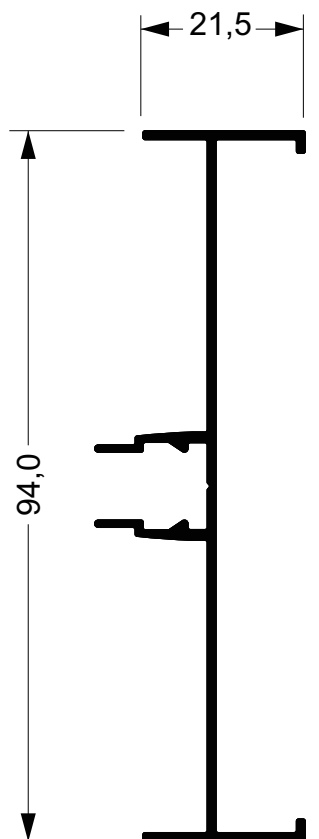
MG20-158

0,911 kg/m



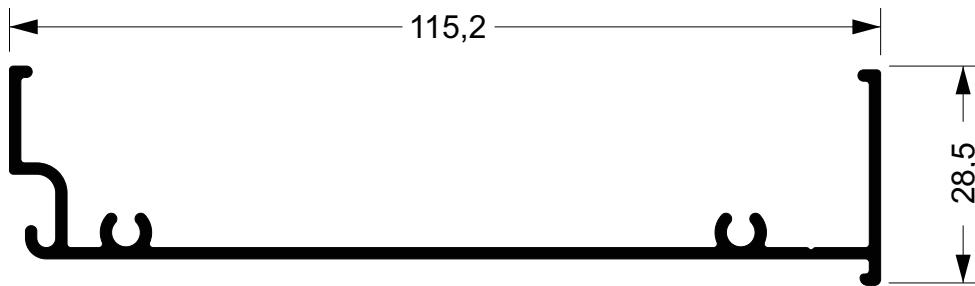
MG20-113

0,670 kg/m

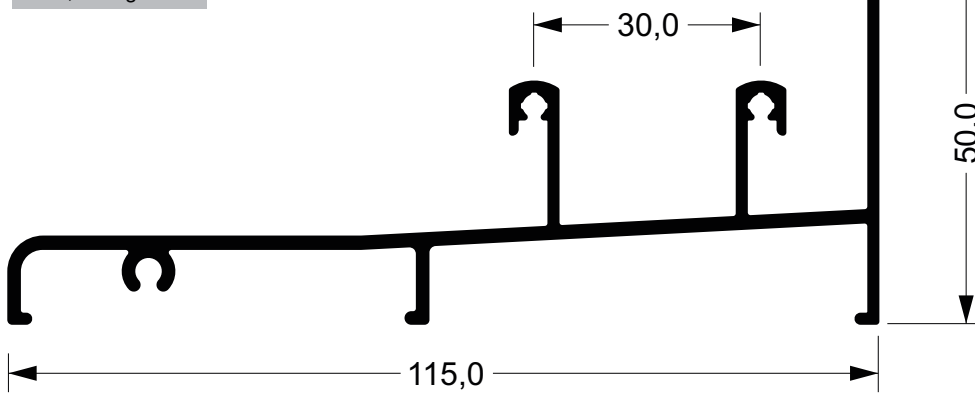


MG20-114

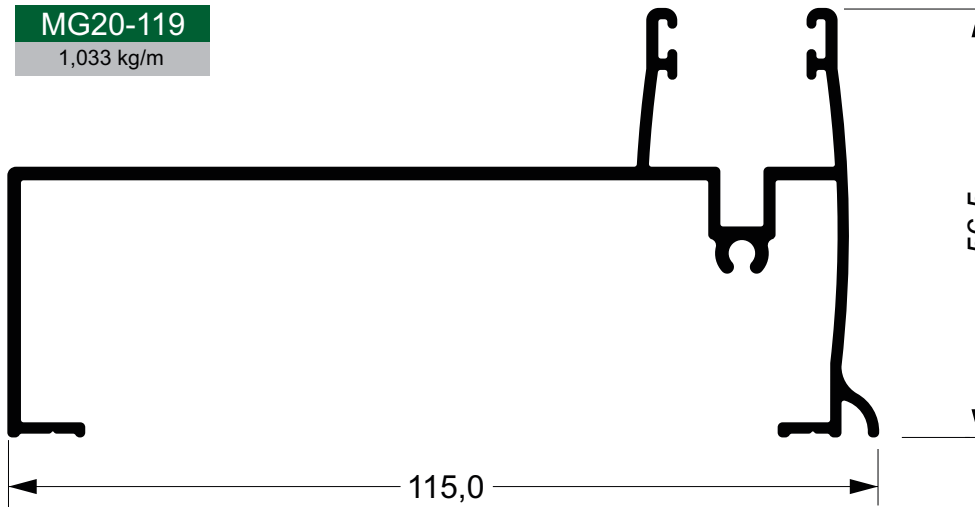
0,559 kg/m



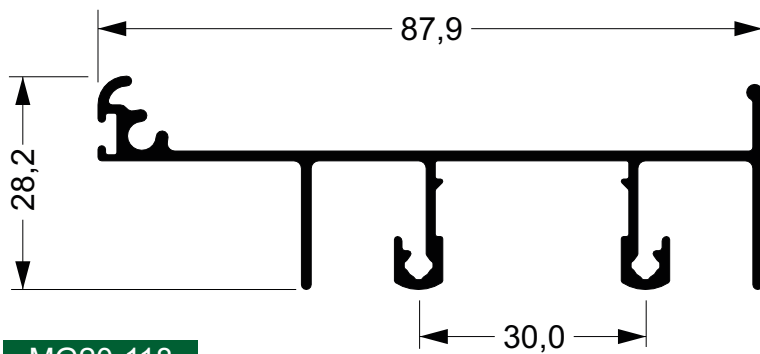
MG20-117
0,791 kg/m



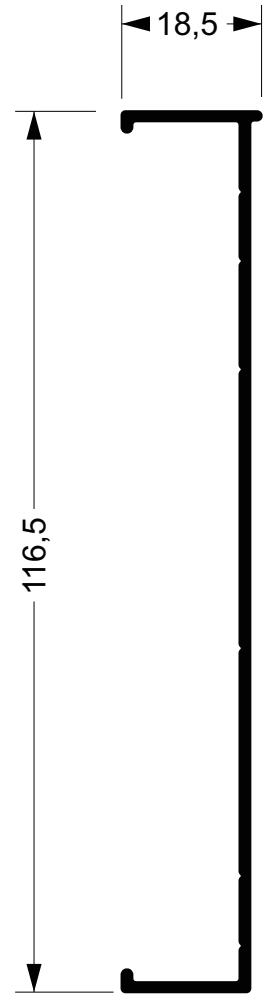
MG20-119
1,033 kg/m



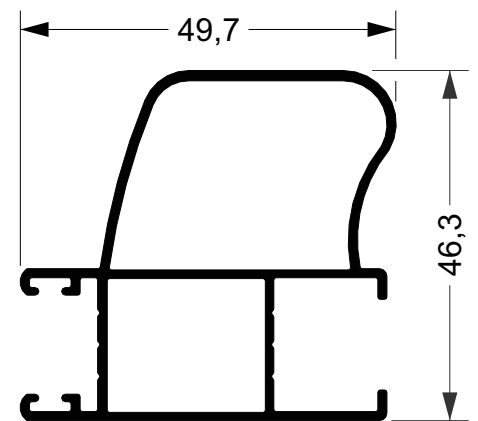
MG20-121
1,072 kg/m



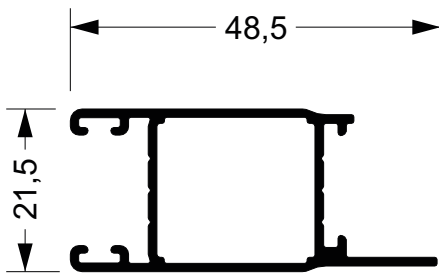
MG20-118
0,758 kg/m



MG20-120
0,564 kg/m

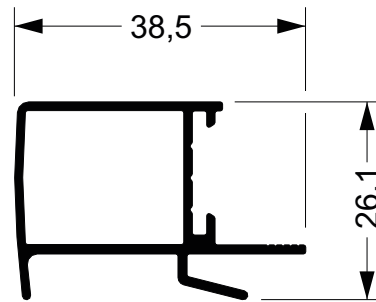


MG20-145
0,748 kg/m



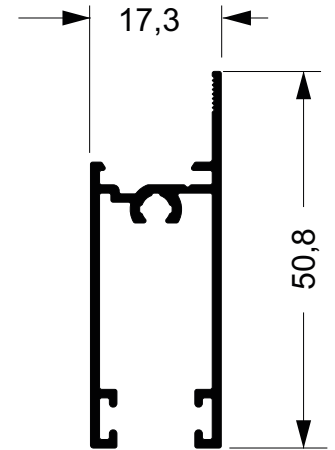
MG20-122

0,432 kg/m



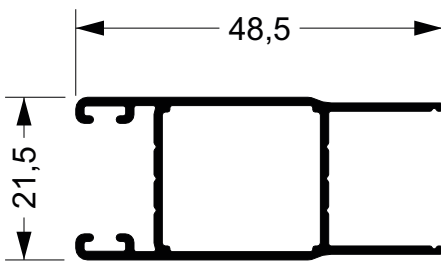
MG20-123

0,394 kg/m



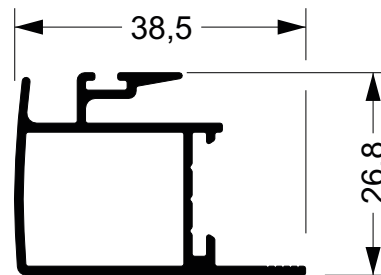
MG20-130

0,419 kg/m



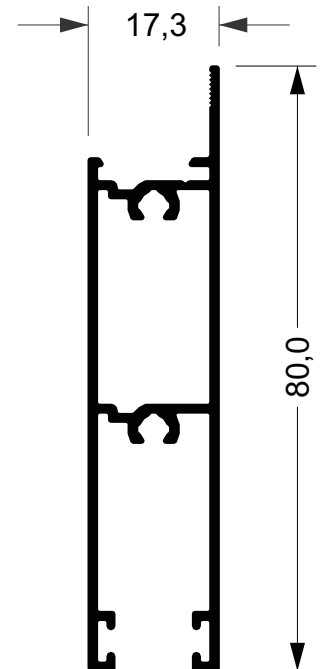
MG20-128

0,439 kg/m



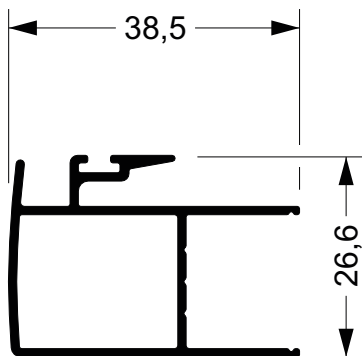
MG20-124

0,433 kg/m



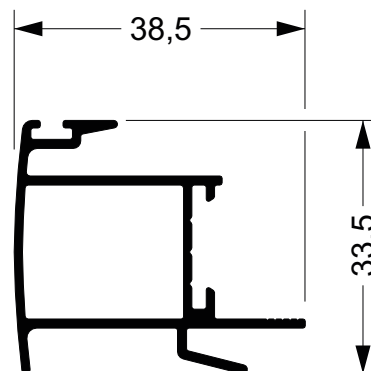
MG20-131

0,682 kg/m



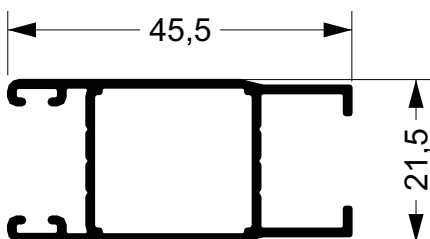
MG20-129

0,422 kg/m



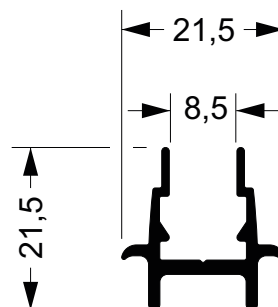
MG20-125

0,474 kg/m



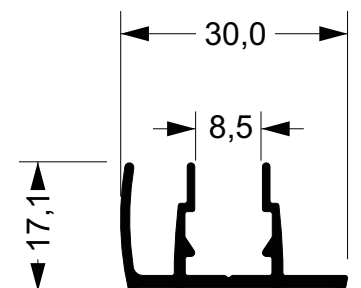
MG20-156

0,440 kg/m



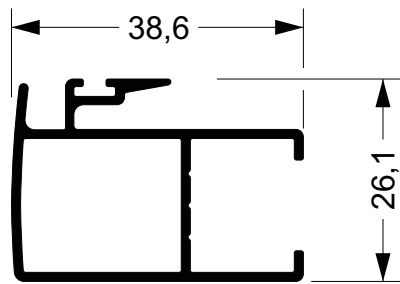
MG20-152

0,250 kg/m

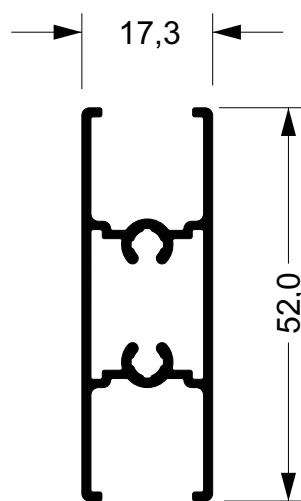


MG20-153

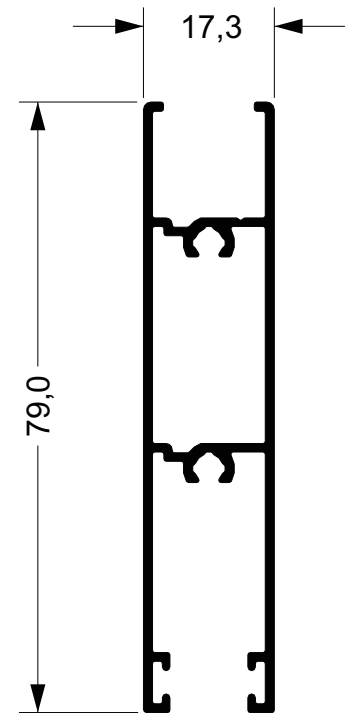
0,300 kg/m



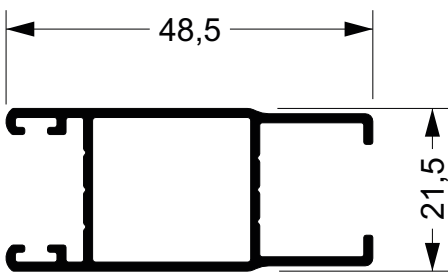
MG20-134
0,472 kg/m



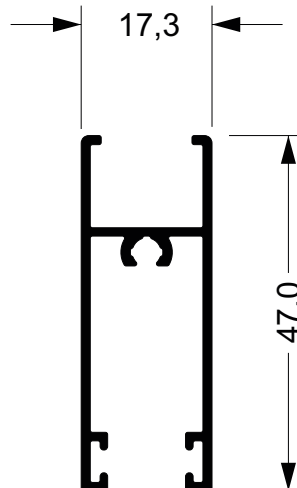
MG20-139
0,527 kg/m



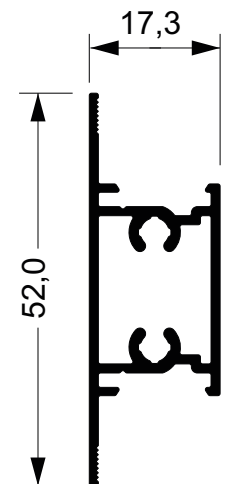
MG20-138
0,722 kg/m



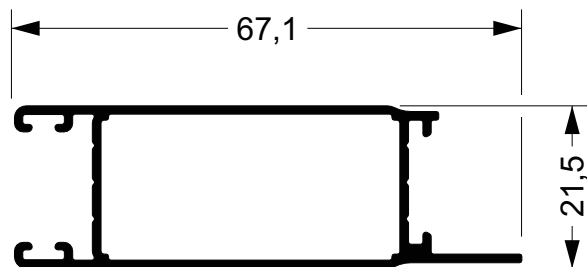
MG20-133
0,491 kg/m



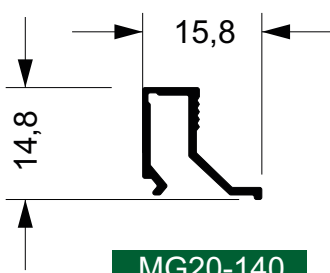
MG20-137
0,434 kg/m



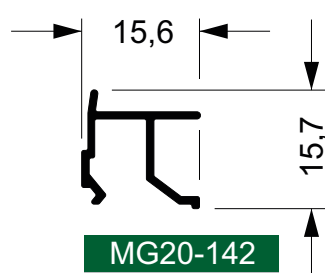
MG20-132
0,454 kg/m



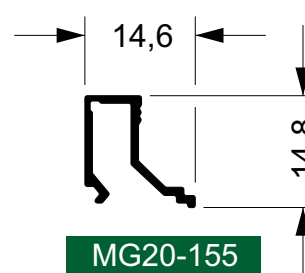
MG20-154
0,547 kg/m



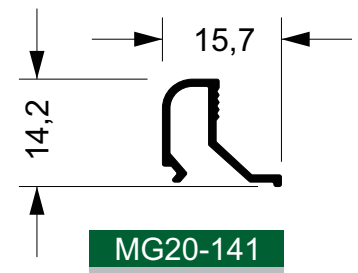
MG20-140
0,114 kg/m



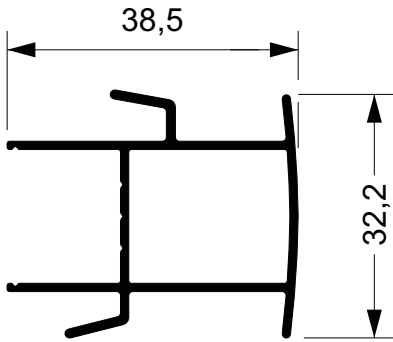
MG20-142
0,125 kg/m



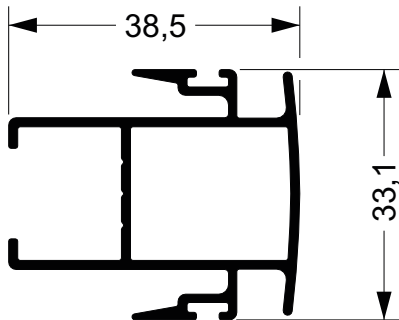
MG20-155
0,113 kg/m



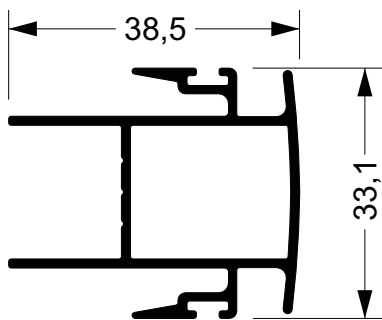
MG20-141
0,112 kg/m



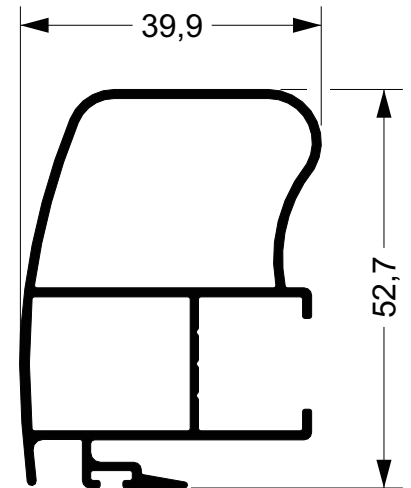
MG20-146
0,445 kg/m



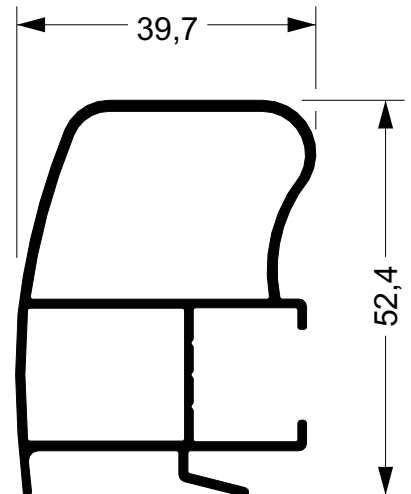
MG20-147
0,568 kg/m



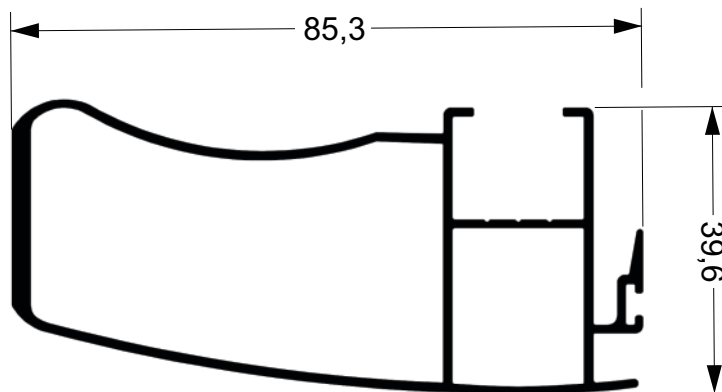
MG20-148
0,550 kg/m



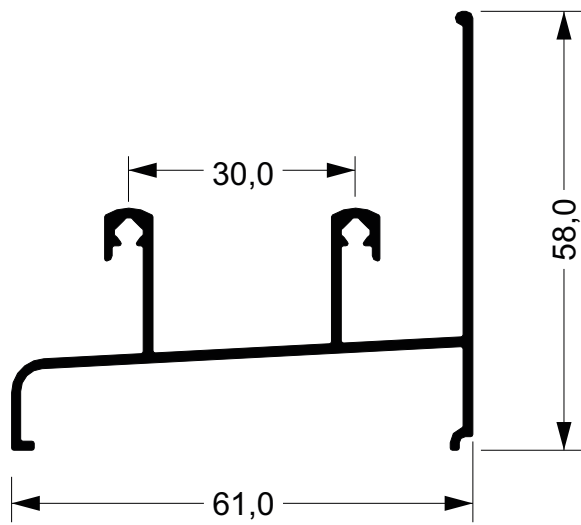
MG20-135
0,733 kg/m



MG20-136
0,688 kg/m

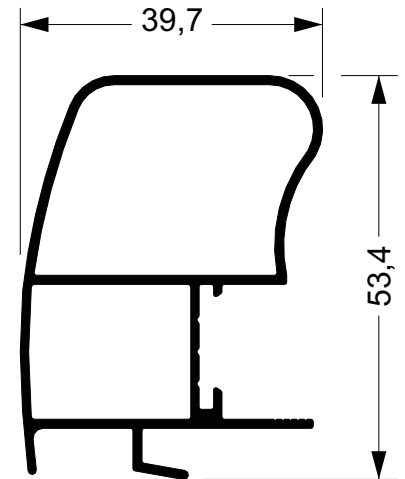


MG20-151
1,008 kg/m



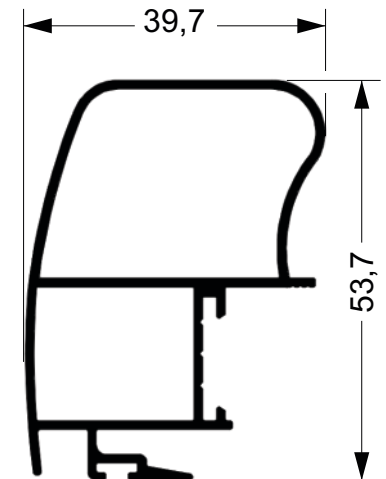
MG20-157

0,670 kg/m



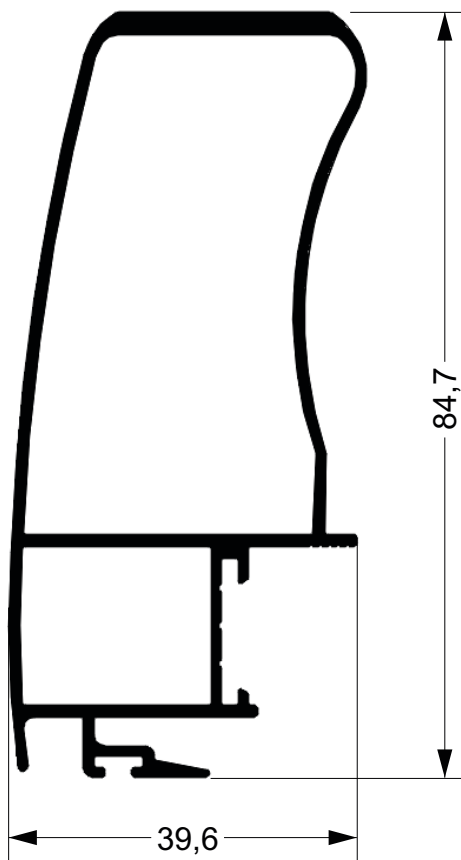
MG20-126

0,681 kg/m



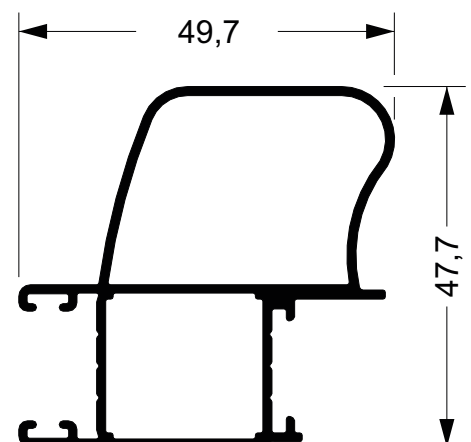
MG20-127

0,659 kg/m



MG20-150

0,982 kg/m



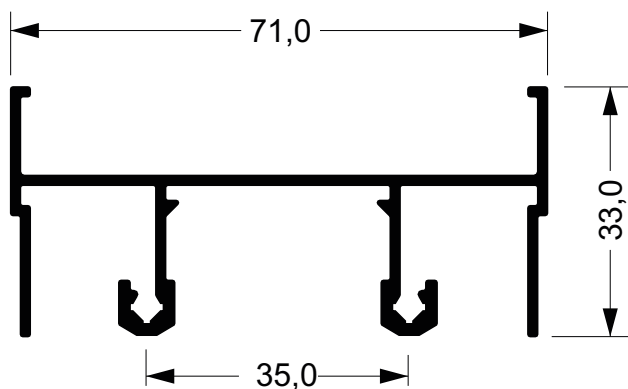
MG20-144

0,703 kg/m

A large rectangular area with rounded corners, containing horizontal lines for writing notes.

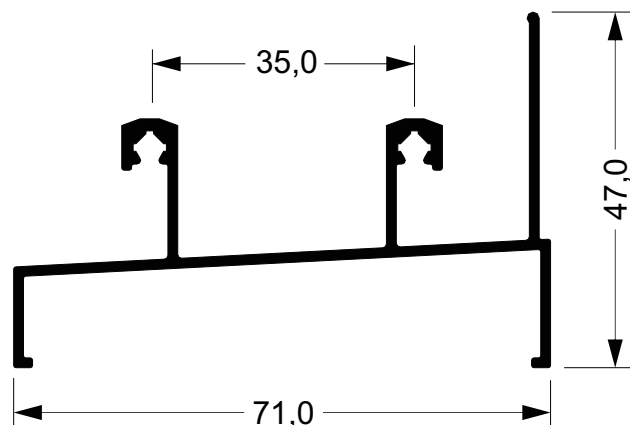
LINHA MEGA 25

A large rectangular area with rounded corners, containing horizontal lines for writing notes.



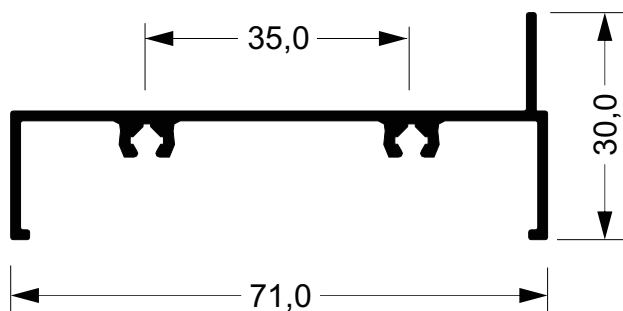
MG25-001

0,773 kg/m



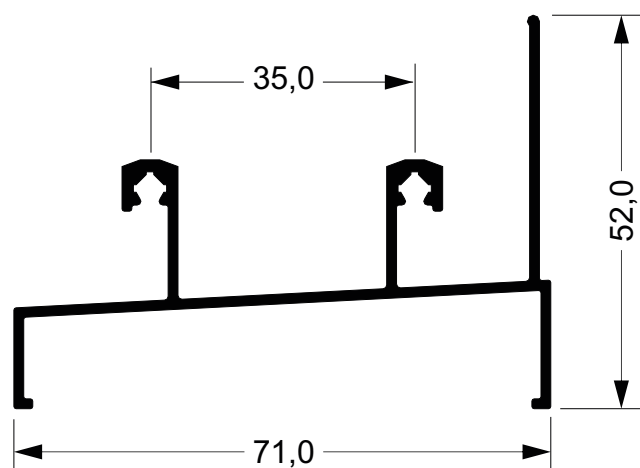
MG25-002

0,710 kg/m



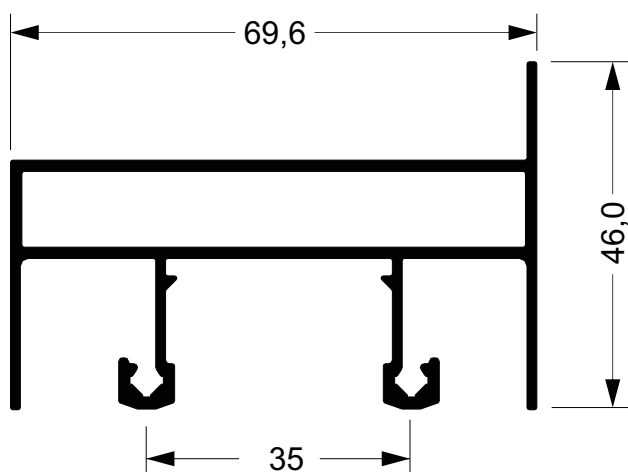
MG25-004

0,525 kg/m



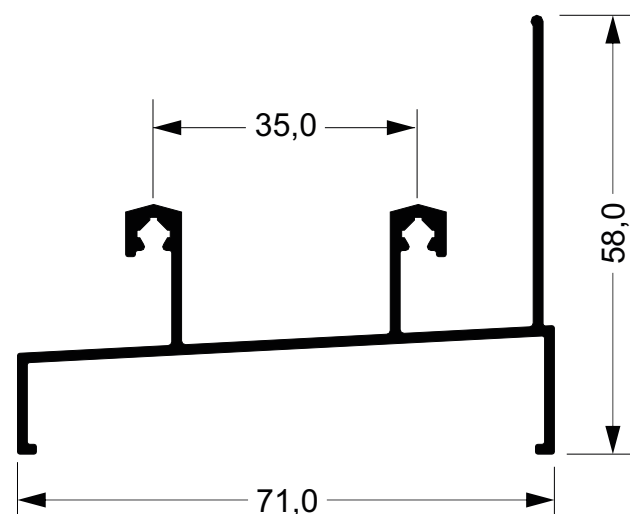
MG25-017

0,727 kg/m



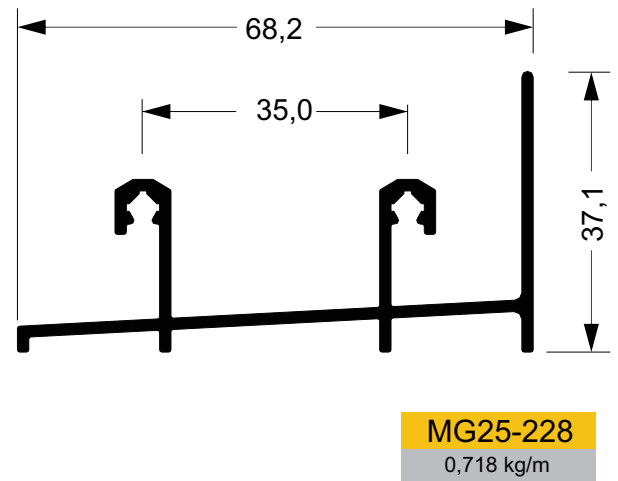
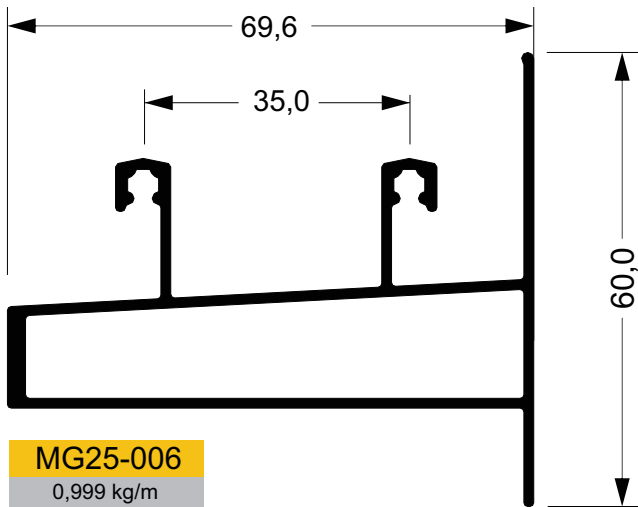
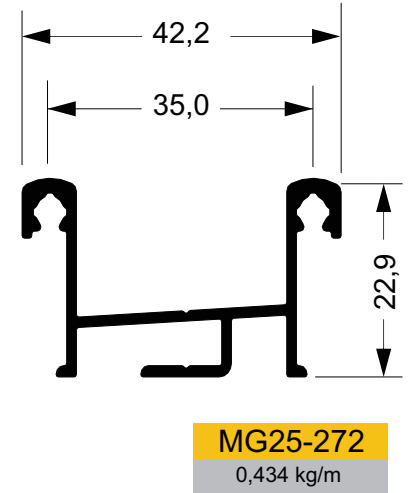
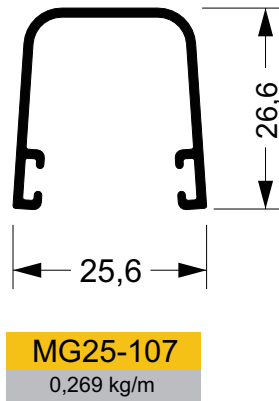
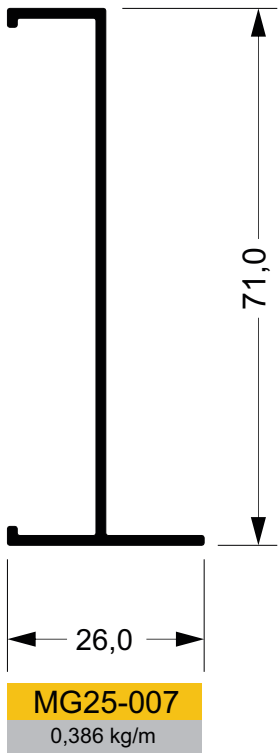
MG25-005

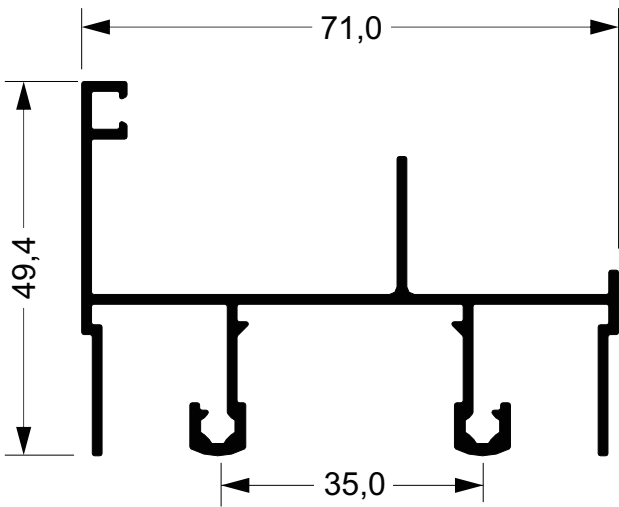
1,106 kg/m



MG25-018

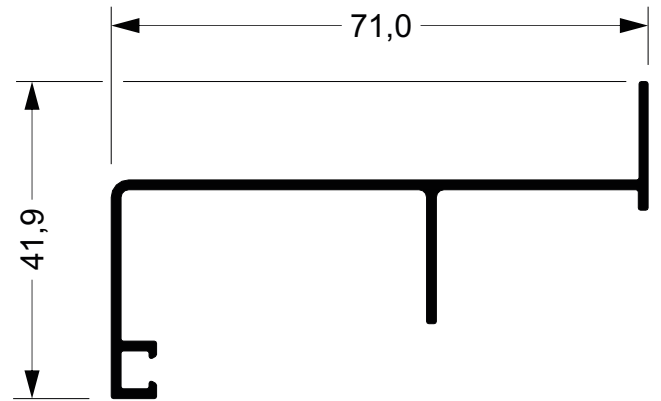
0,749 kg/m





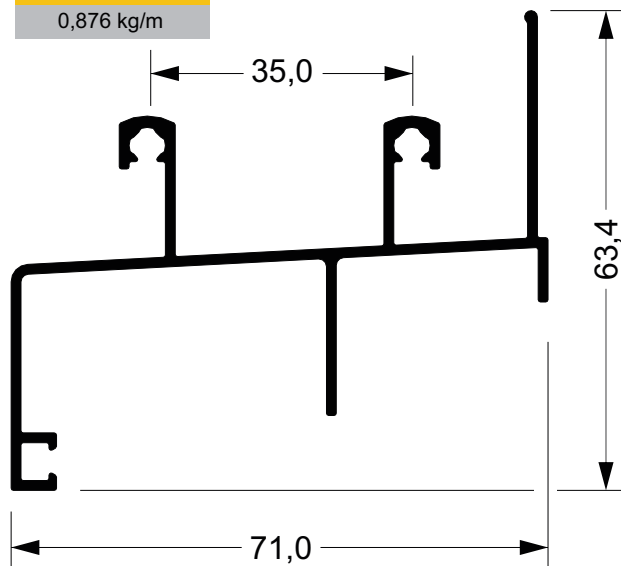
MG25-026

0,876 kg/m



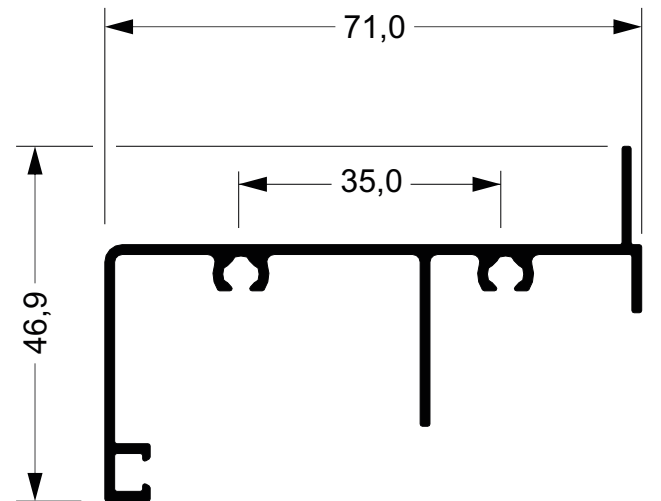
MG25-028

0,497 kg/m



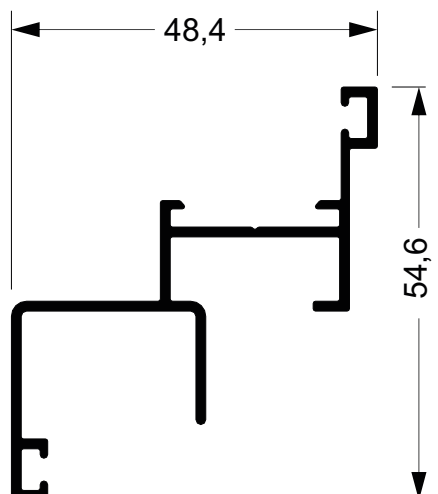
MG25-027

0,824 kg/m



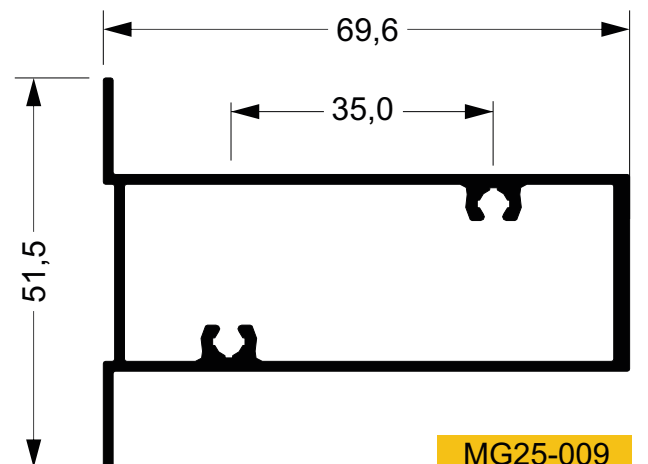
MG25-029

0,647 kg/m



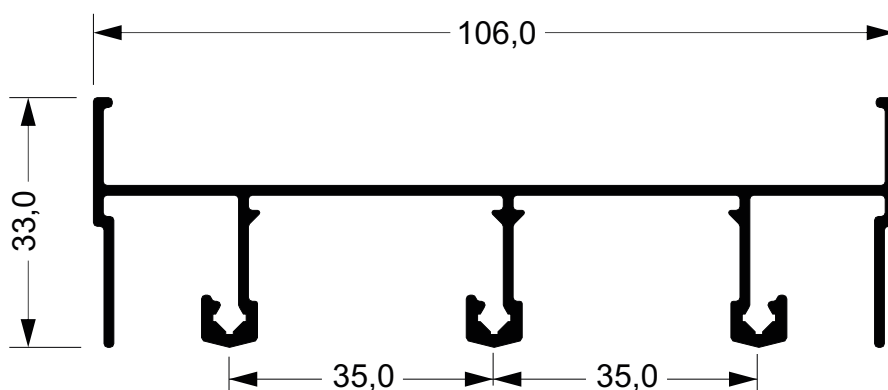
MG25-030

0,541 kg/m

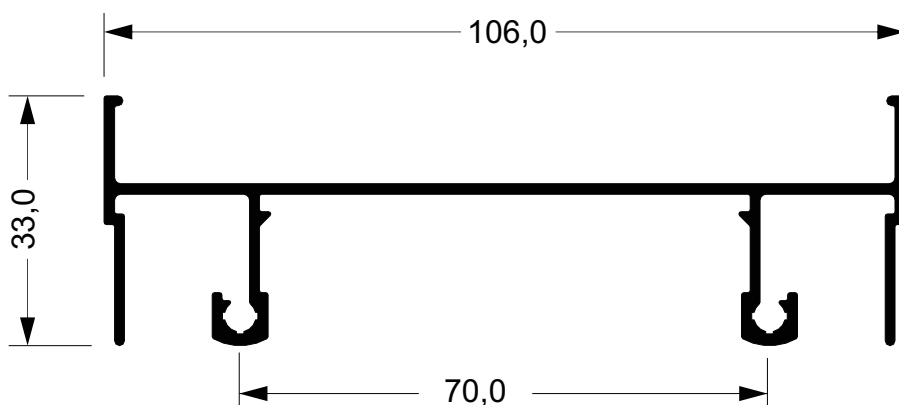


MG25-009

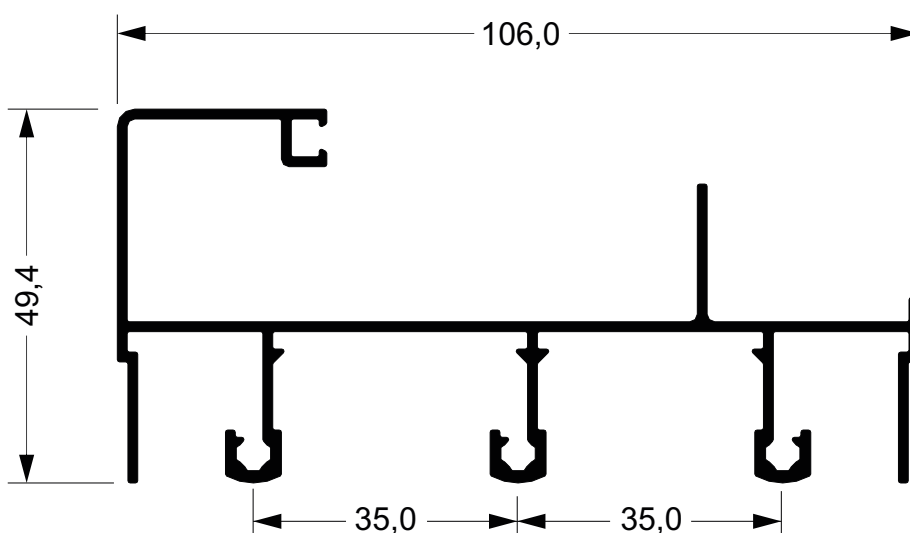
0,907 kg/m



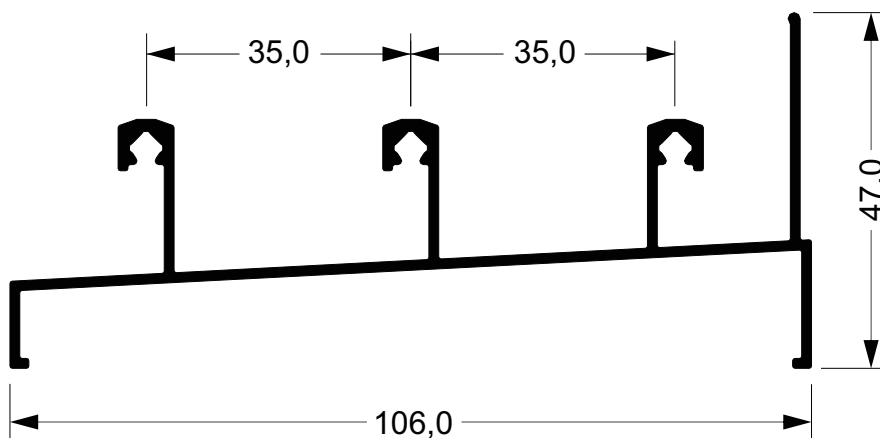
MG25-010
1,029 kg/m



MG25-015
0,918 kg/m

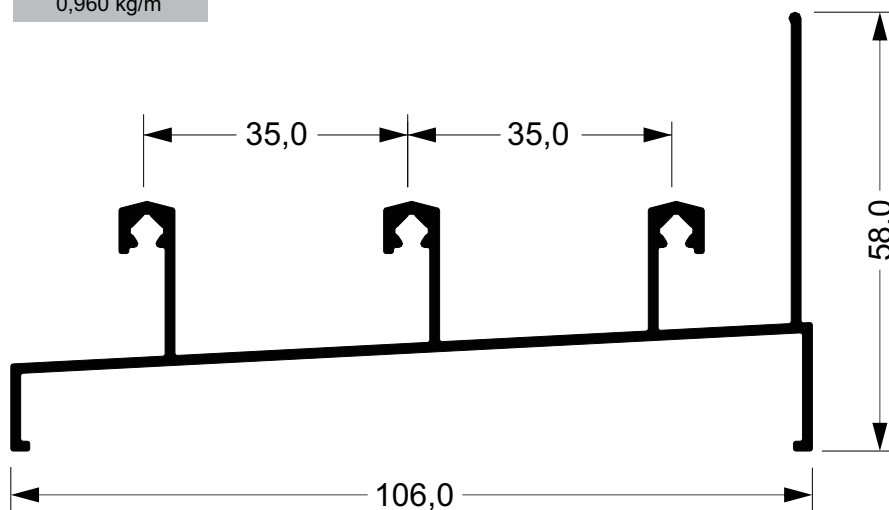


MG25-031
1,231 kg/m



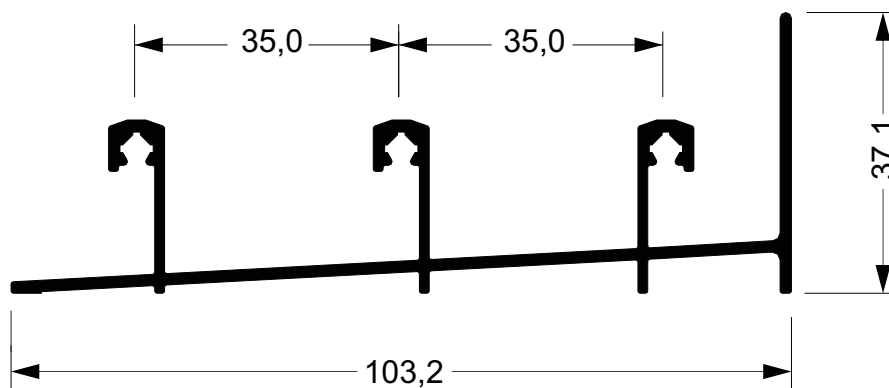
MG25-011

0,960 kg/m



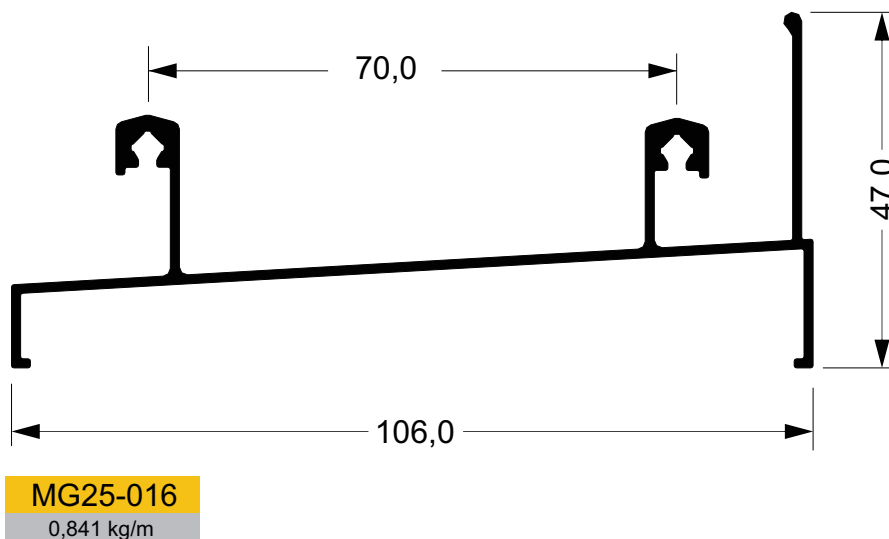
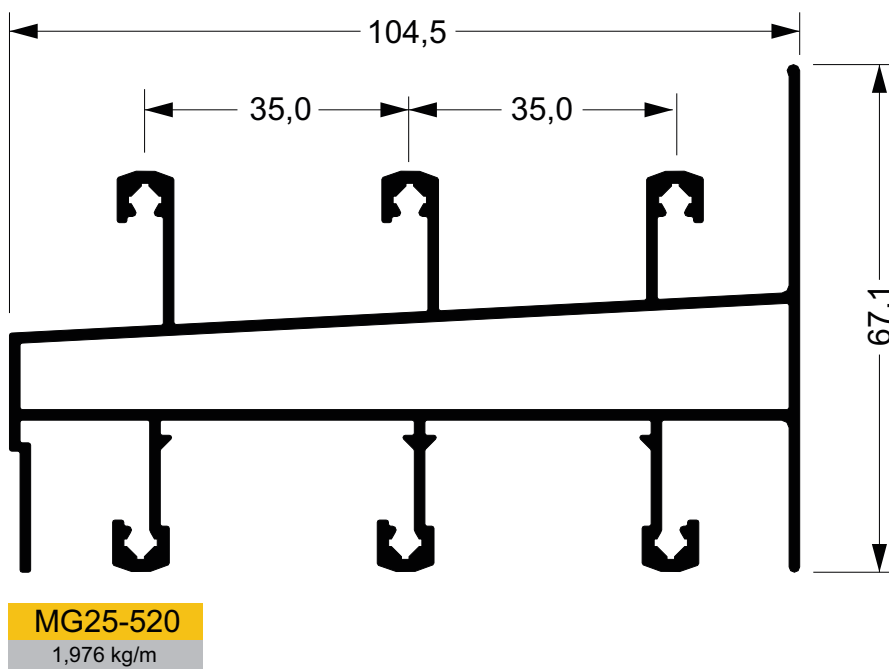
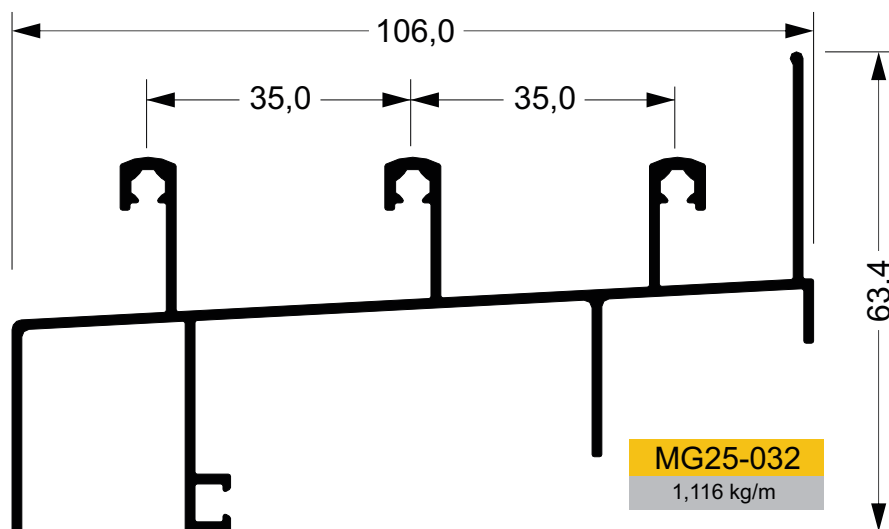
MG25-019

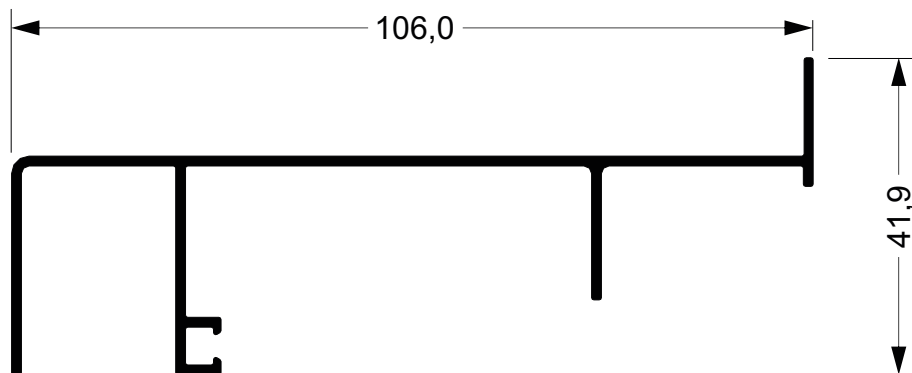
0,999 kg/m



MG25-230

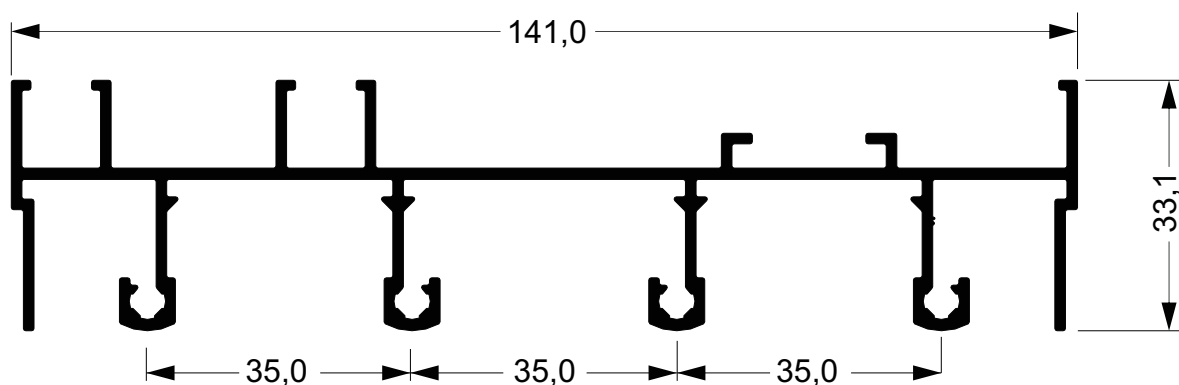
0,976 kg/m





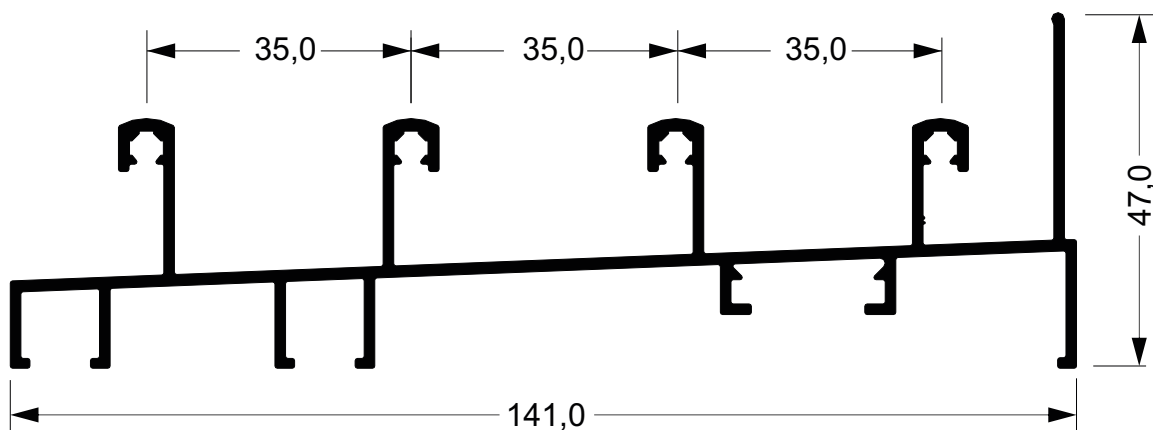
MG25-033

0,718 kg/m



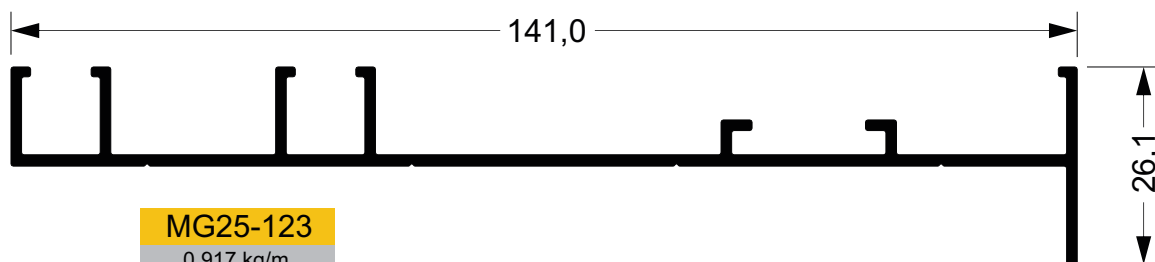
MG25-121

1,585 kg/m



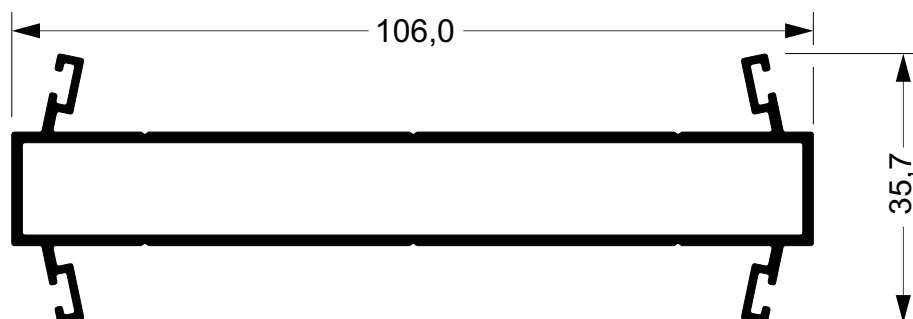
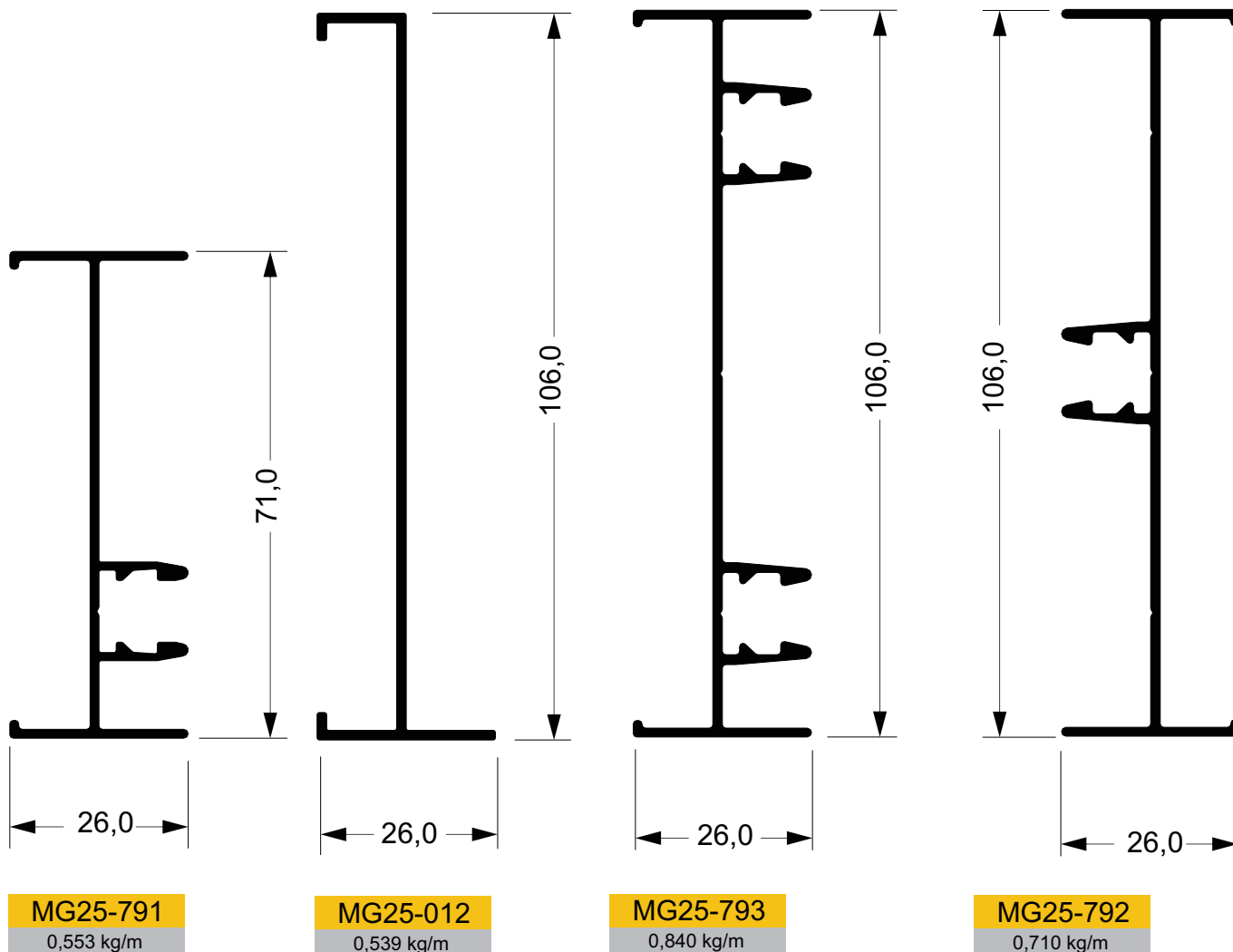
MG25-122

1,509 kg/m

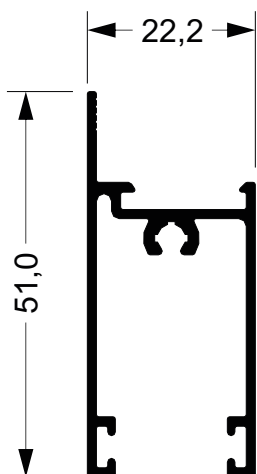


MG25-123

0,917 kg/m

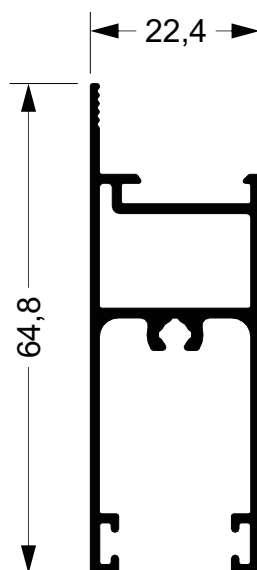


MG25-519
1,090 kg/m



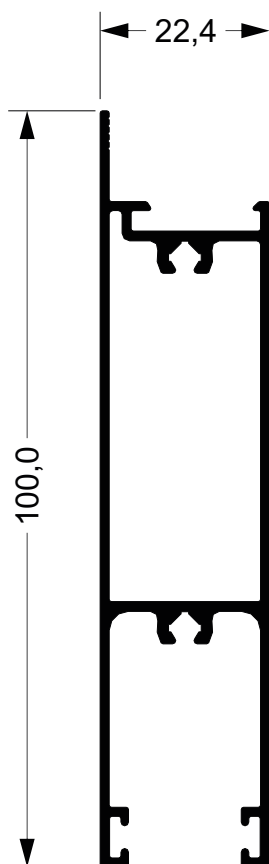
MG25-053

0,478 kg/m



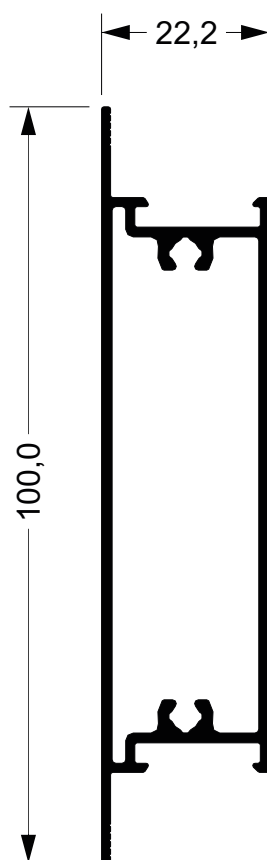
MG25-246

0,645 kg/m



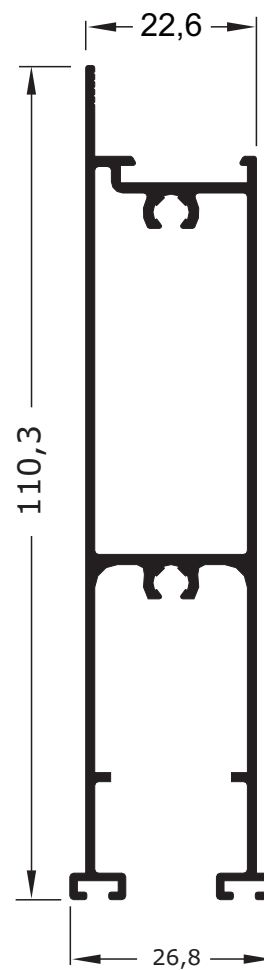
MG25-225

0,926 kg/m



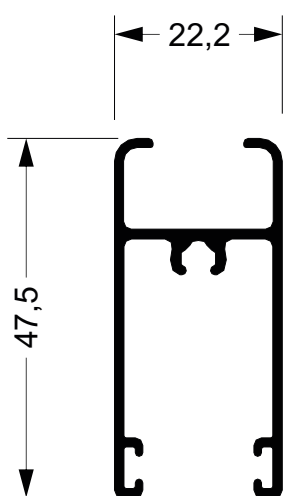
MG25-050

0,923 kg/m

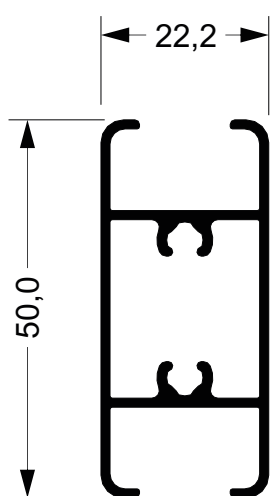


MG25-247

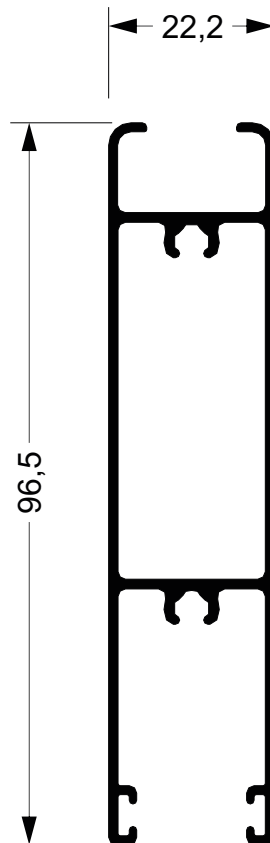
1,015 kg/m



MG25-186
0,496 kg/m



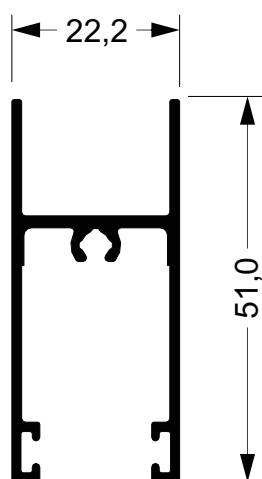
MG25-188
0,586 kg/m



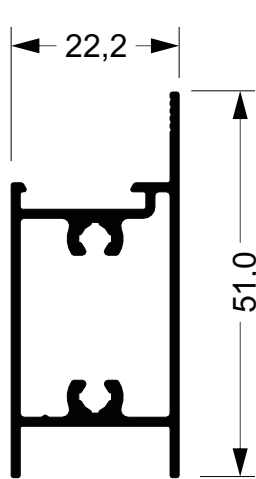
MG25-266
0,945 kg/m



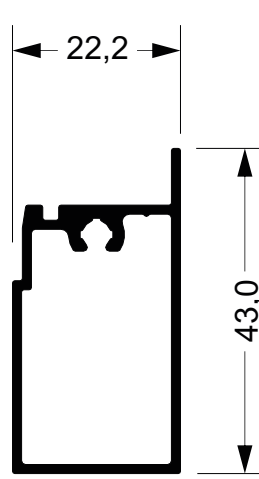
MG25-790
0,971 kg/m



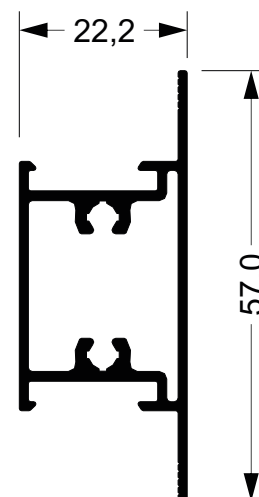
MG25-187
0,534 kg/m



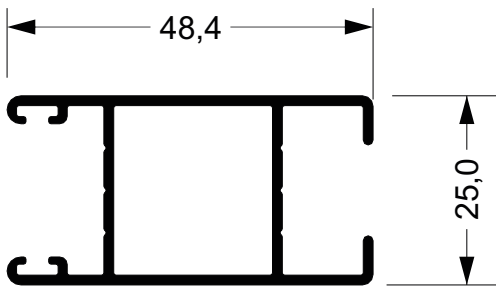
MG25-799
0,554 kg/m



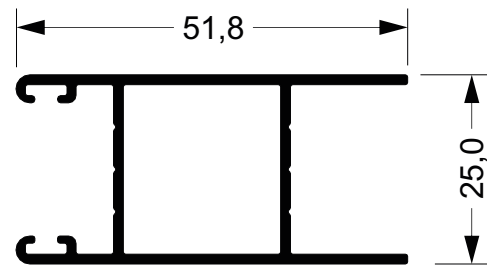
MG25-800
0,456 kg/m



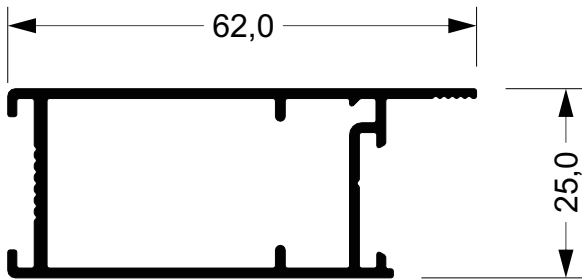
MG25-227
0,574 kg/m



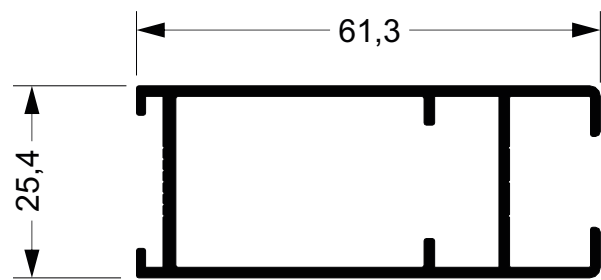
MG25-783
0,565 kg/m



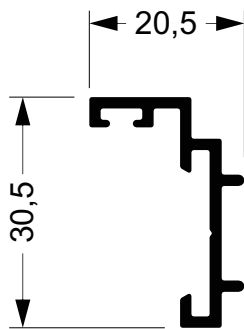
MG25-784
0,555 kg/m



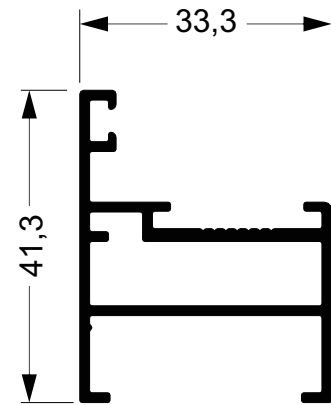
MG25-111
0,634 kg/m



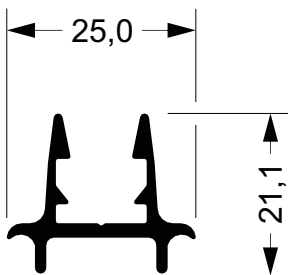
MG25-241
0,733 kg/m



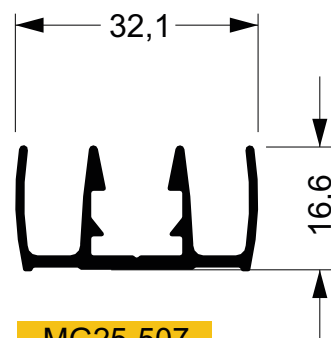
MG25-798
0,283 kg/m



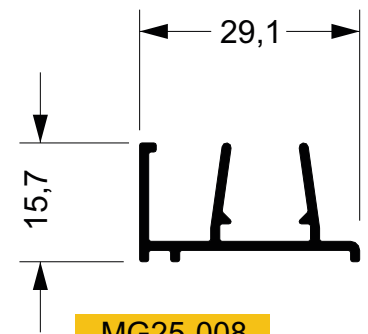
MG25-801
0,565 kg/m



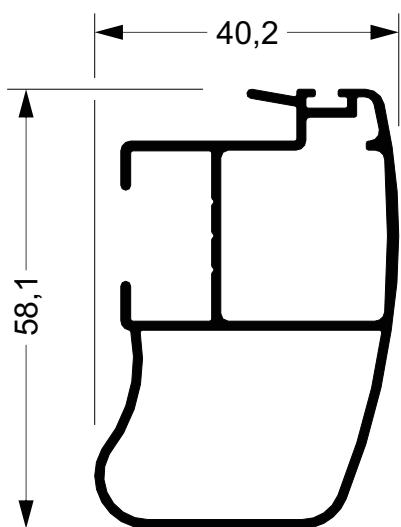
MG25-506
0,303 kg/m



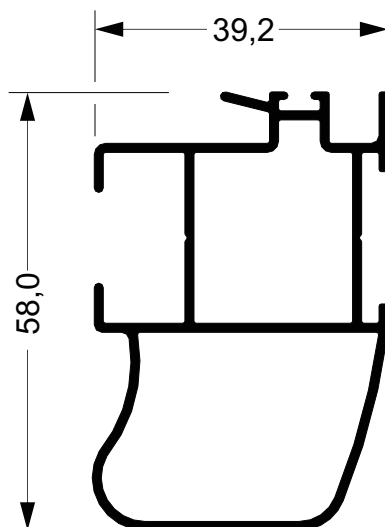
MG25-507
0,383 kg/m



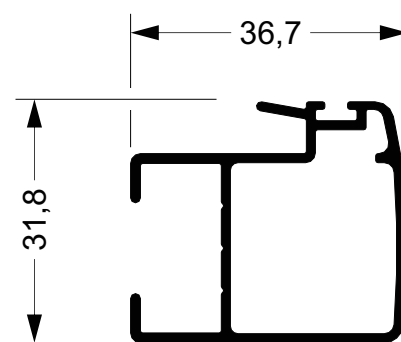
MG25-008
0,245 kg/m



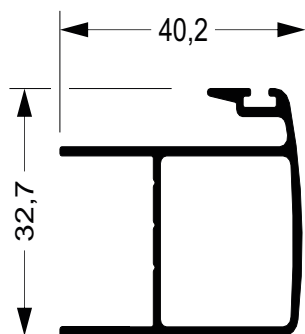
MG25-789
0,774 kg/m



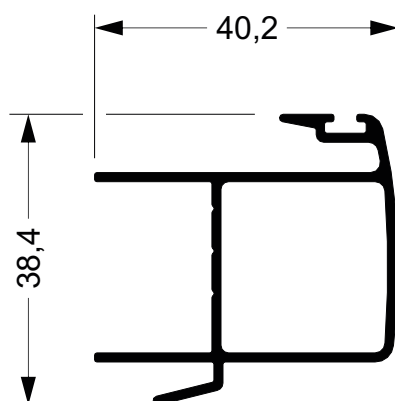
MG25-730
0,802 kg/m



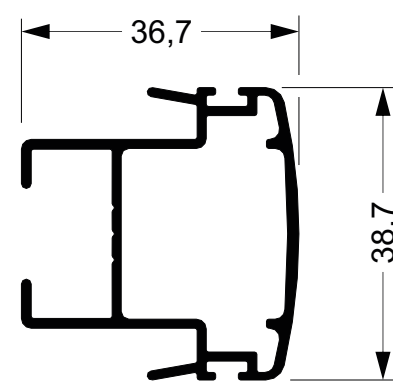
MG25-787
0,513 kg/m



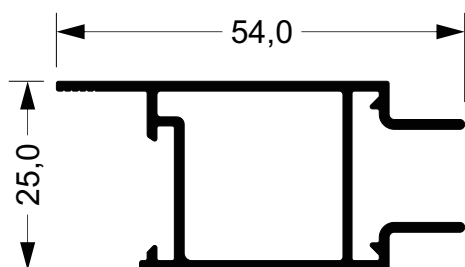
MG25-785
0,500 kg/m



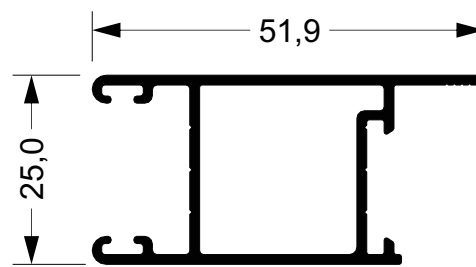
MG25-786
0,535 kg/m



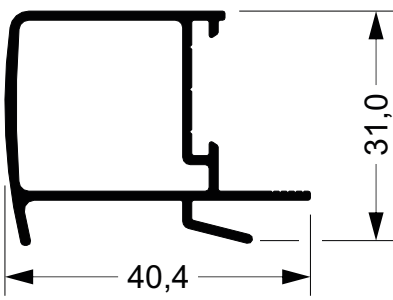
MG25-788
0,599 kg/m



MG25-192
0,554 kg/m

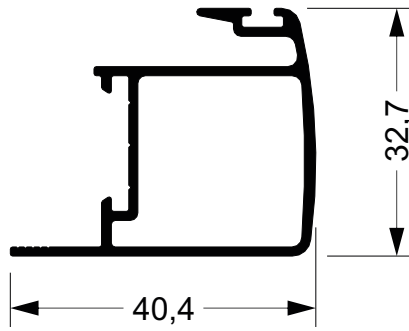


MG25-500
0,544 kg/m



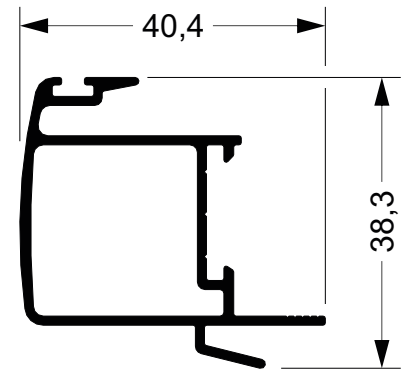
MG25-501

0,460 kg/m



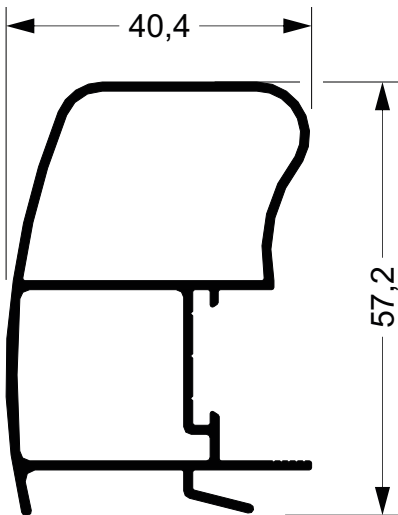
MG25-502

0,490 kg/m



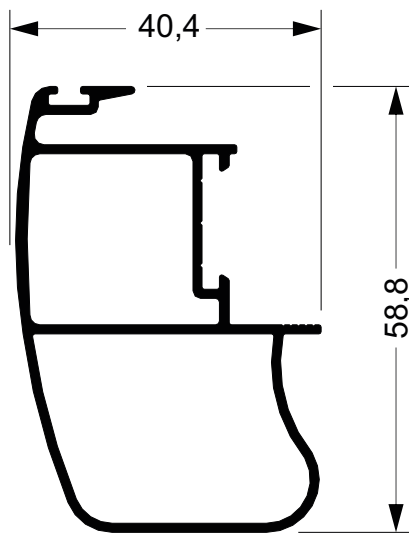
MG25-503

0,525 kg/m



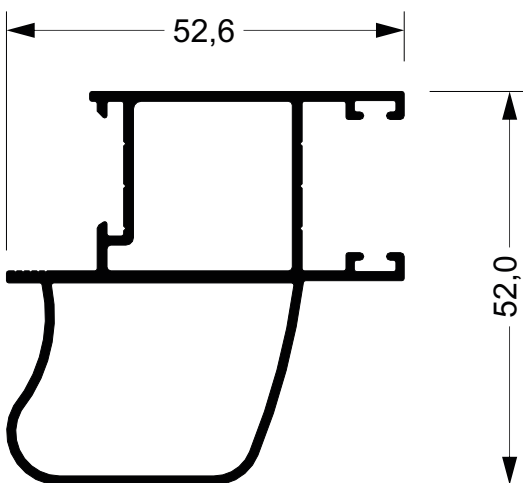
MG25-504

0,745 kg/m



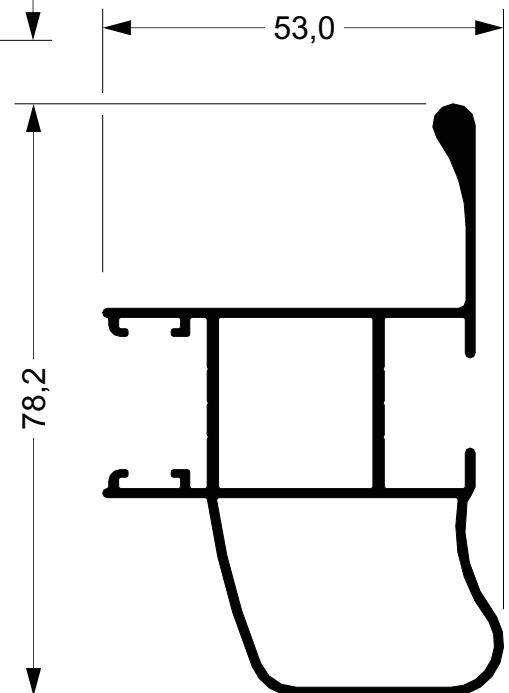
MG25-505

0,757 kg/m



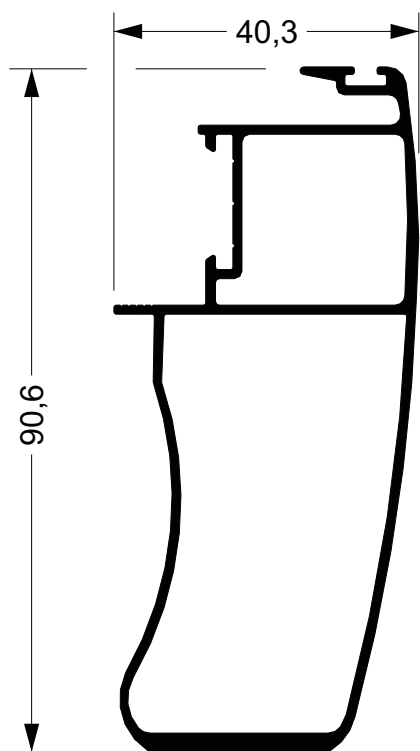
MG25-796

0,847 kg/m



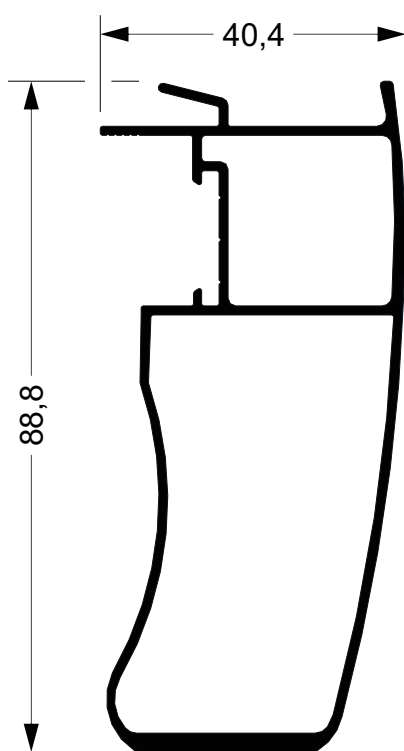
MG25-720

1,016 kg/m



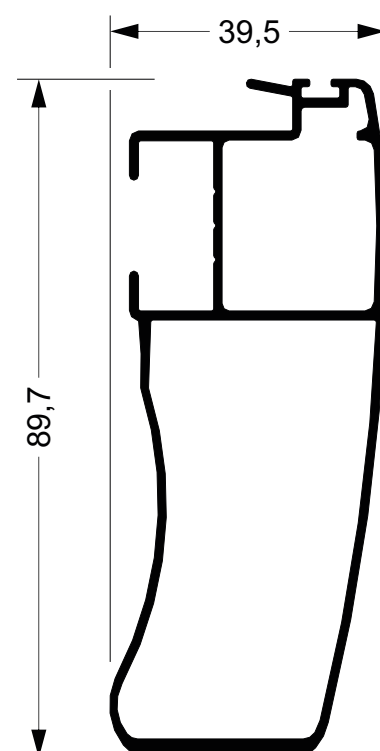
MG25-522

1,048 kg/m



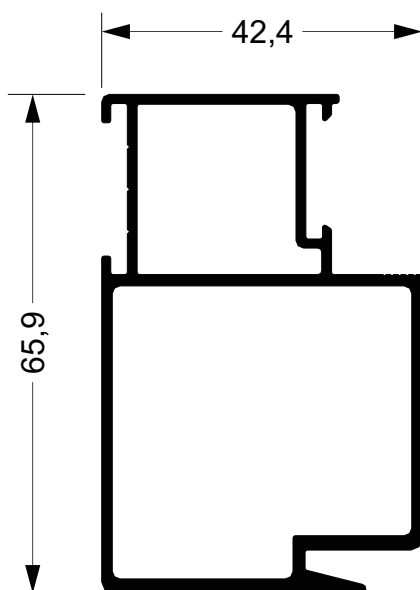
MG25-521

1,036 kg/m



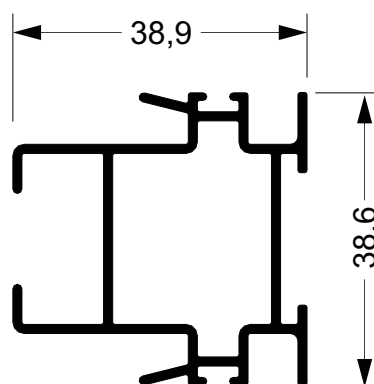
MG25-527

1,070 kg/m



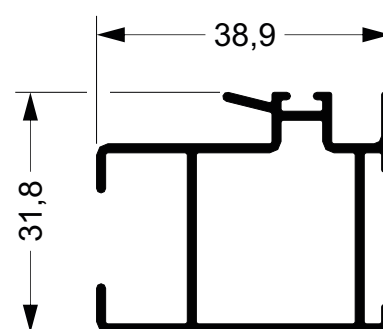
MG25-048

1,037 kg/m



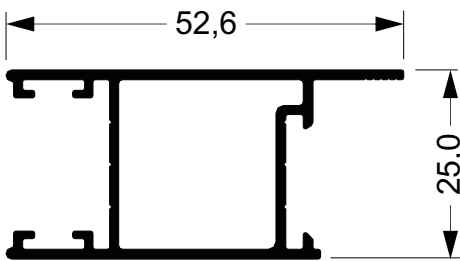
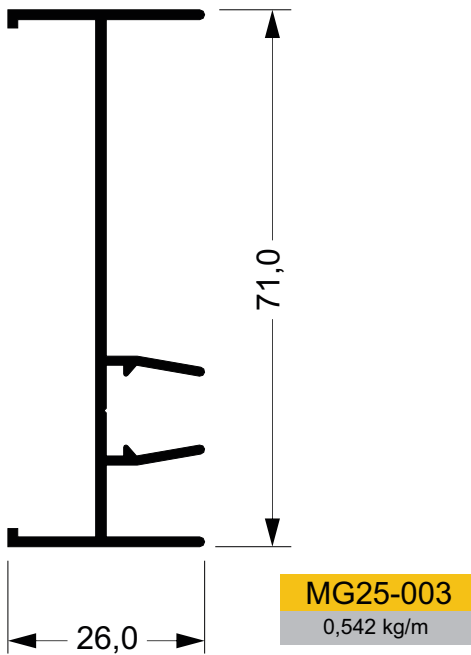
MG25-057

0,632 kg/m

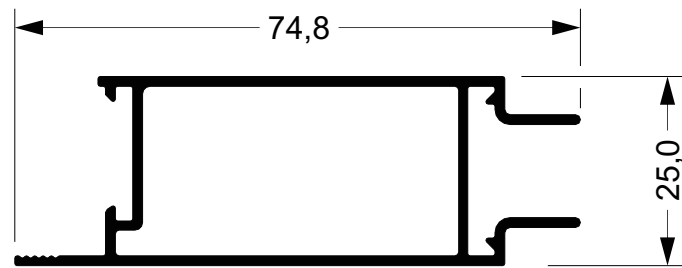


MG25-056

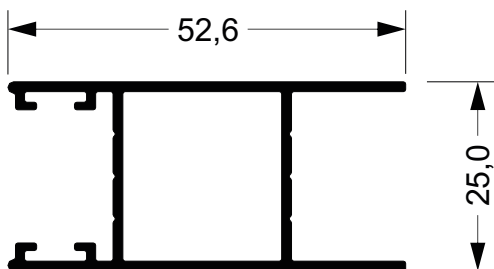
0,538 kg/m



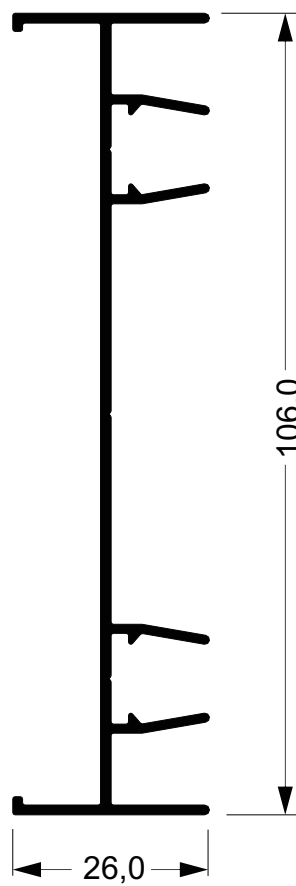
MG25-039
0,554 kg/m



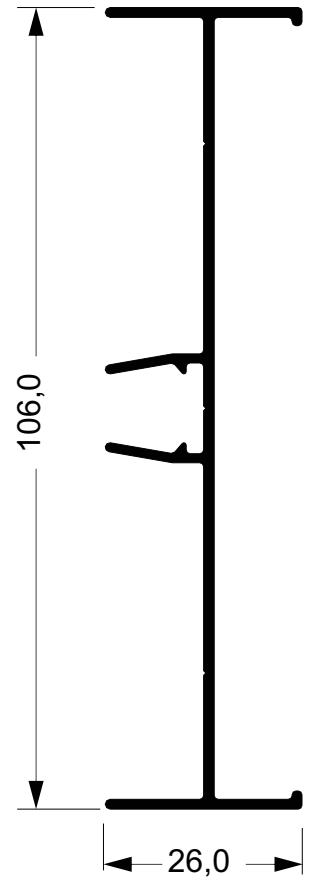
MG25-244
0,699 kg/m



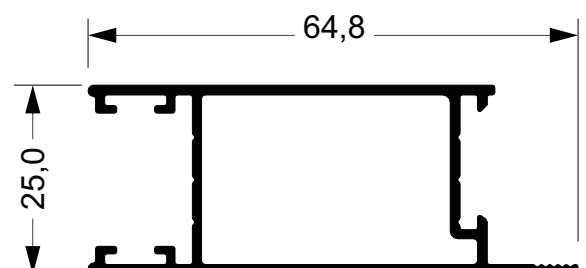
MG25-068
0,574 kg/m



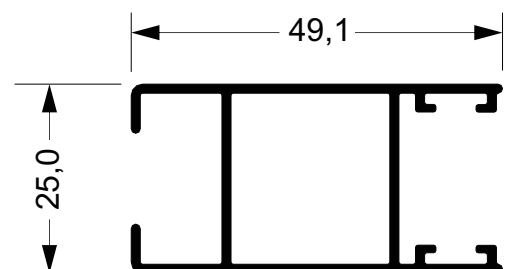
MG25-013
0,767 kg/m



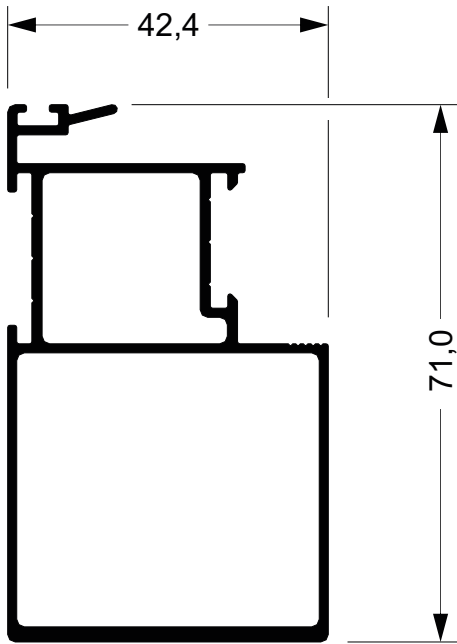
MG25-014
0,671 kg/m



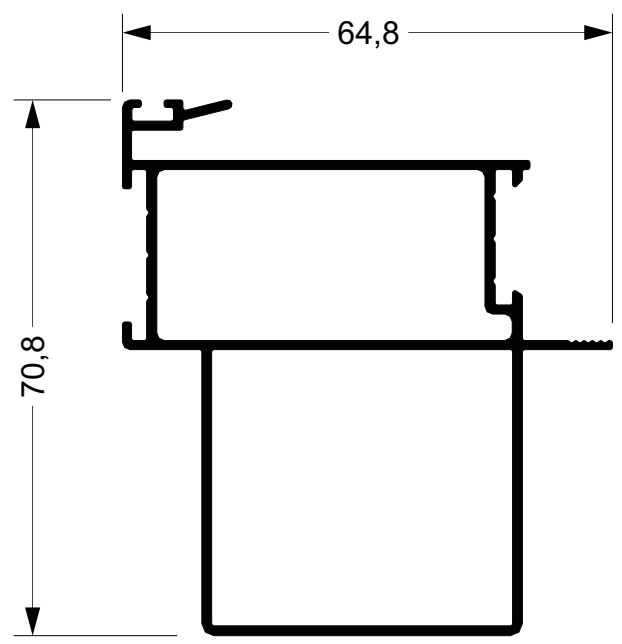
MG25-245
0,636 kg/m



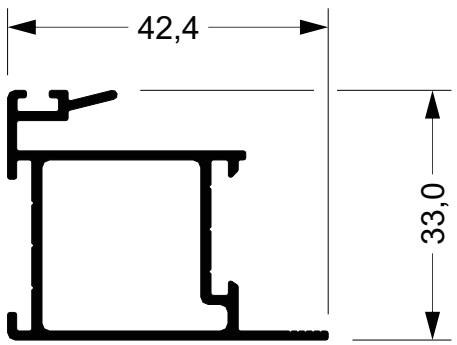
MG25-055
0,545 kg/m



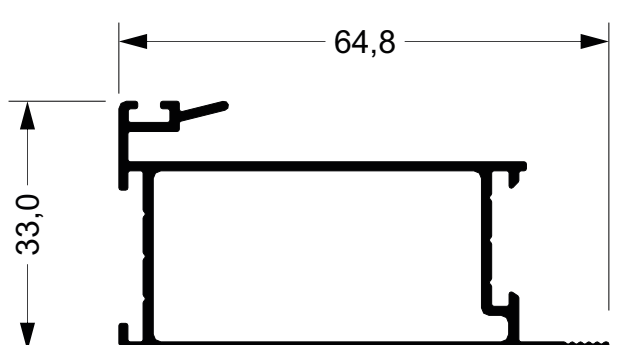
MG25-049
0,907 kg/m



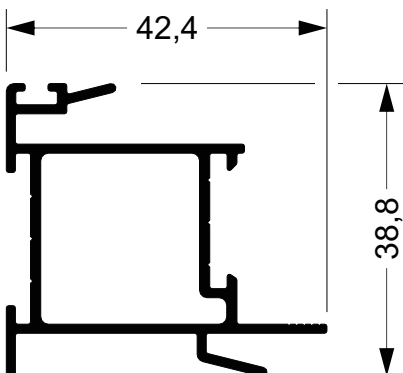
MG25-290
1,078 kg/m



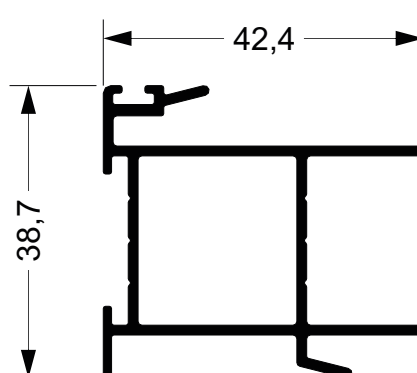
MG25-041
0,532 kg/m



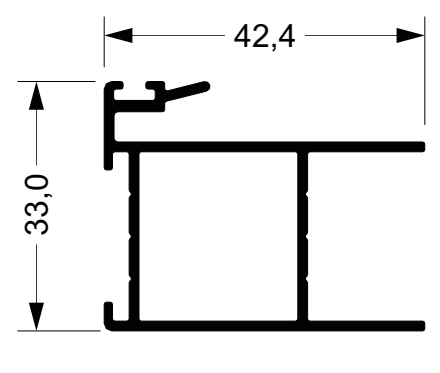
MG25-242
0,674 kg/m



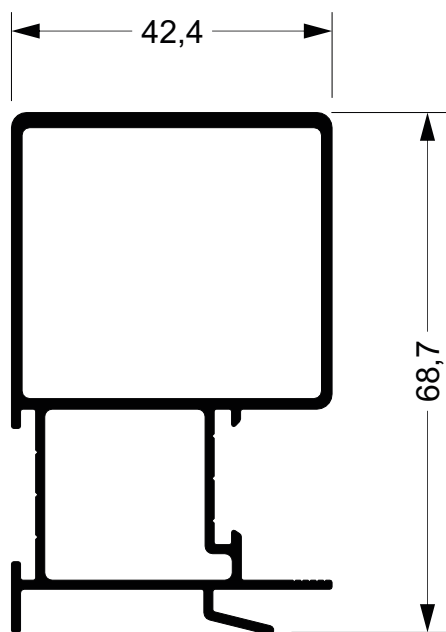
MG25-042
0,589 kg/m



MG25-069
0,613 kg/m

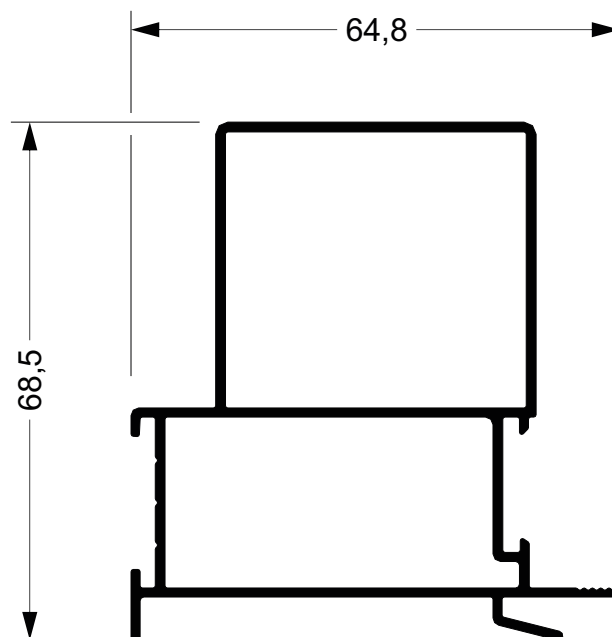


MG25-070
0,559 kg/m



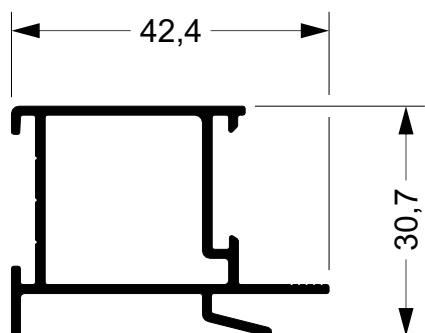
MG25-047

1,040 kg/m



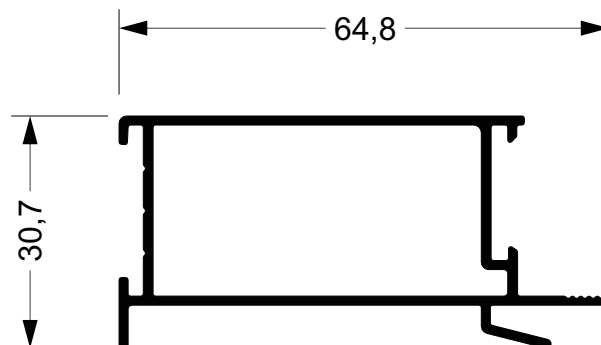
MG25-289

1,040 kg/m



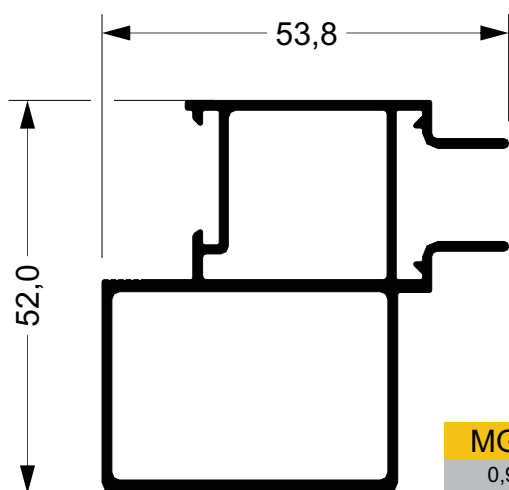
MG25-040

0,482 kg/m



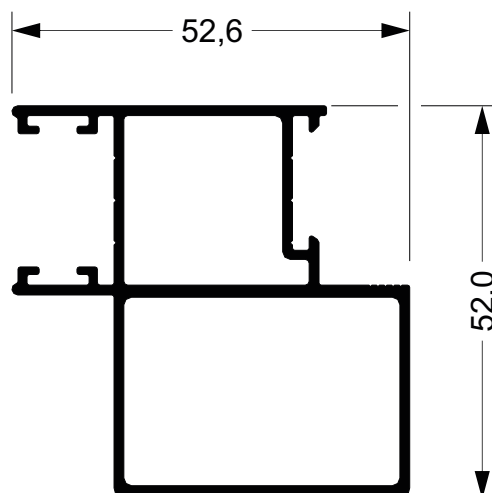
MG25-243

0,636 kg/m



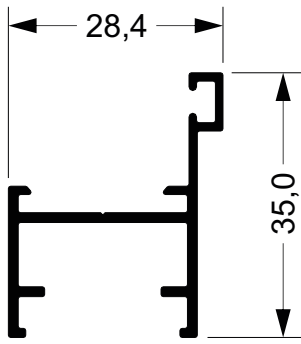
MG25-043

0,947 kg/m

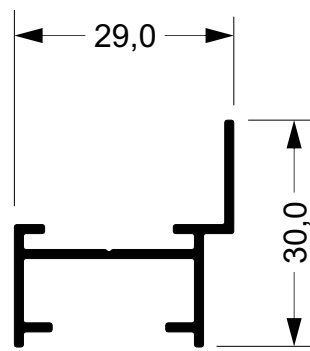


MG25-044

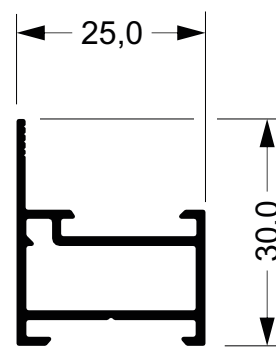
0,957 kg/m



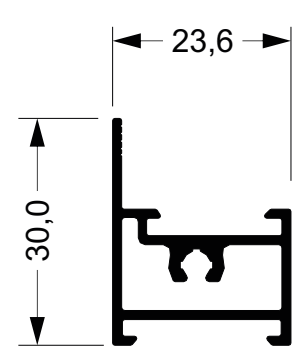
MG25-079
0,333 kg/m



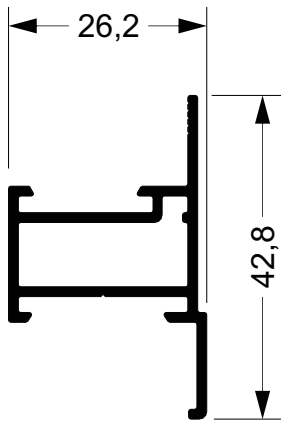
MG25-782
0,279 kg/m



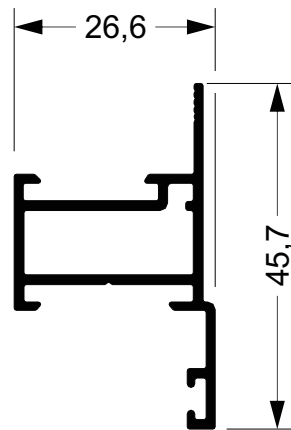
MG25-080
0,362 kg/m



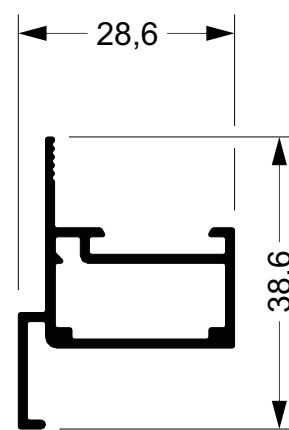
MG25-082
0,389 kg/m



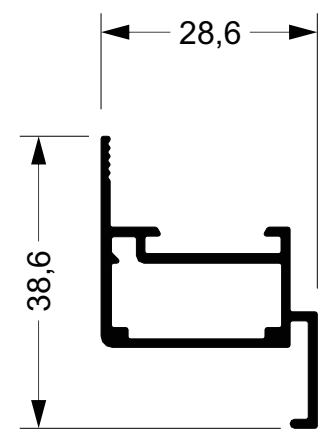
MG25-081
0,420 kg/m



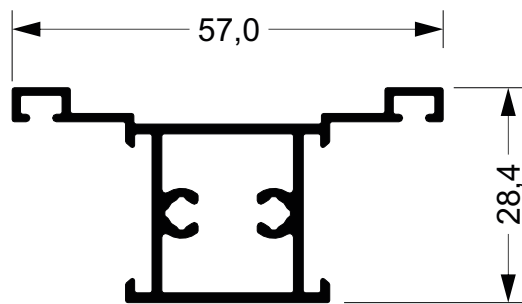
MG25-200
0,440 kg/m



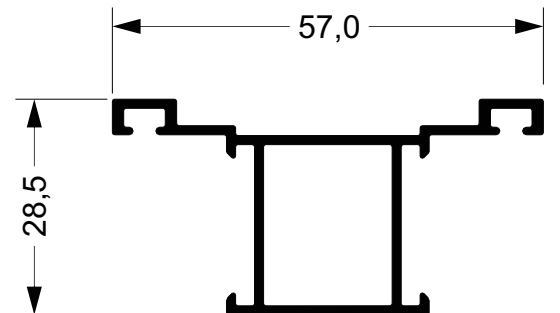
MG25-097
0,399 kg/m



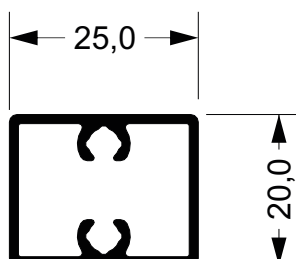
MG25-098
0,399 kg/m



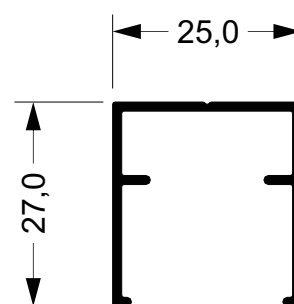
MG25-086
0,592 kg/m



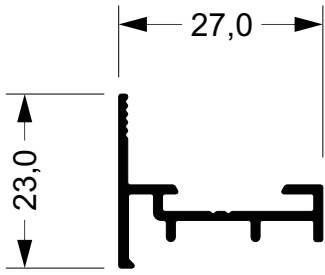
MG25-085
0,506 kg/m



MG25-094
0,362 kg/m

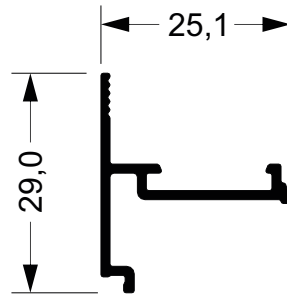


MG25-093
0,280 kg/m



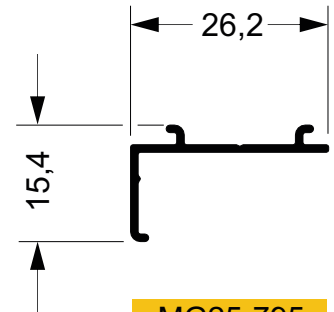
MG25-099

0,228 kg/m



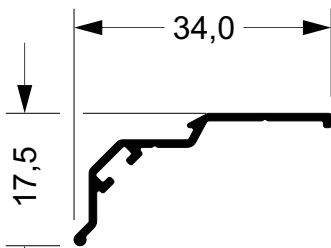
MG25-292

0,214 kg/m



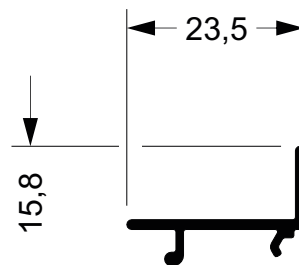
MG25-795

0,125 kg/m



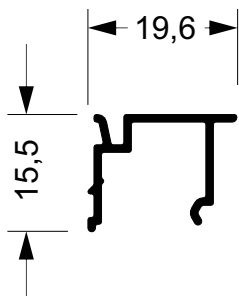
MG25-083

0,144 kg/m



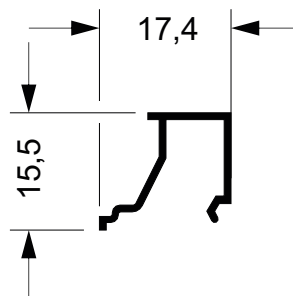
MG25-108

0,145 kg/m



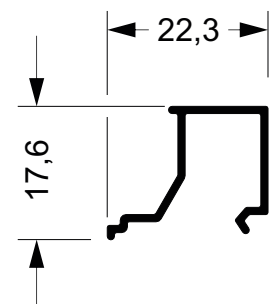
MG25-797

0,107 kg/m



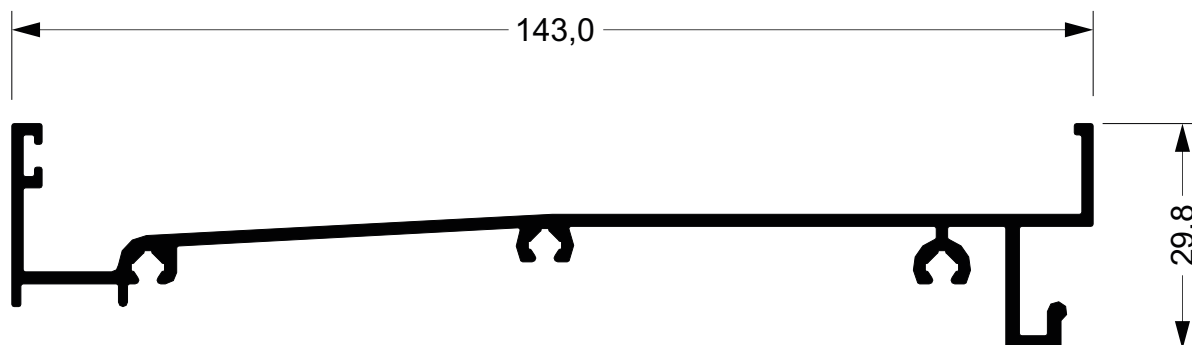
MG25-1230

0,110 kg/m



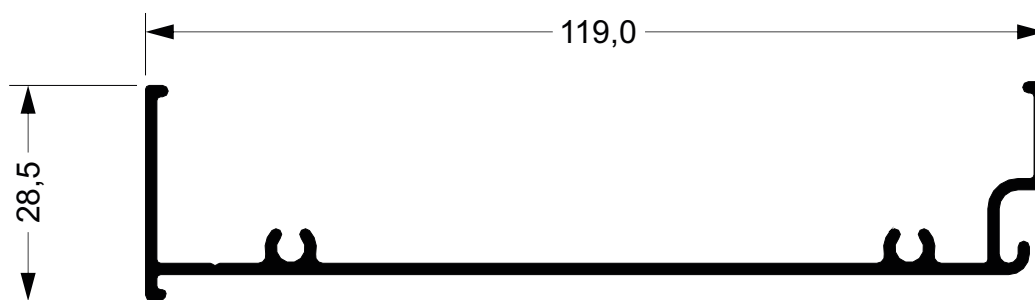
MG25-103

0,156 kg/m



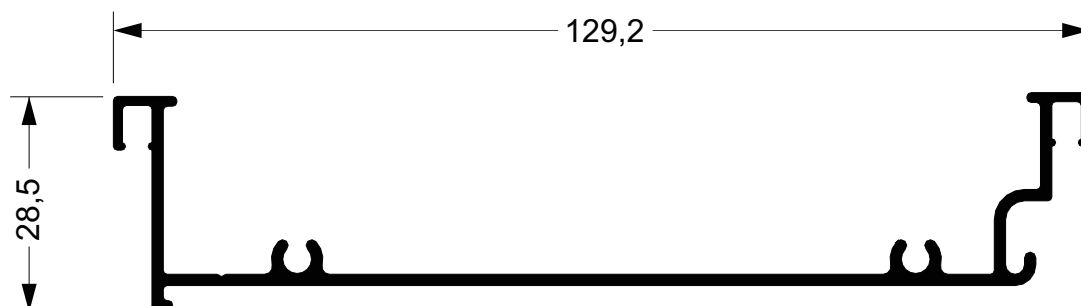
MG25-370

1,108 kg/m



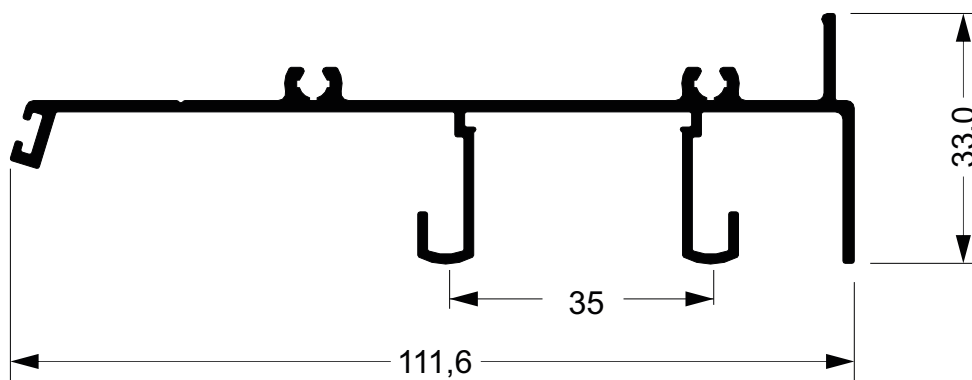
MG25-508

0,810 kg/m

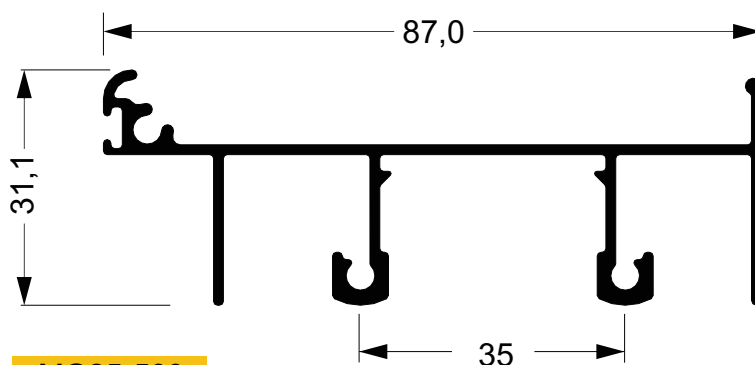


MG25-524

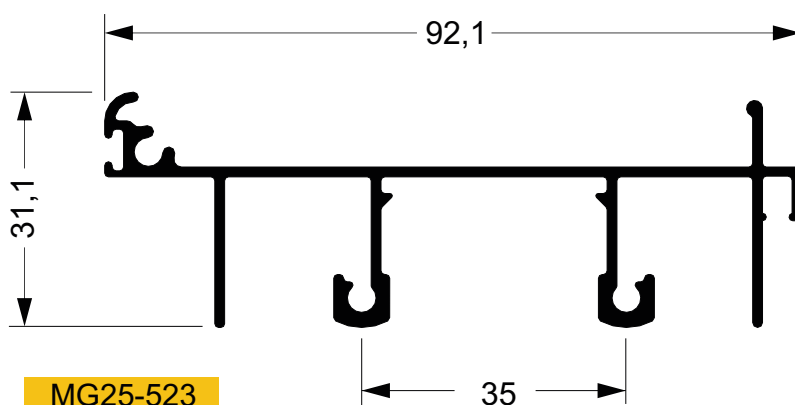
0,887 kg/m



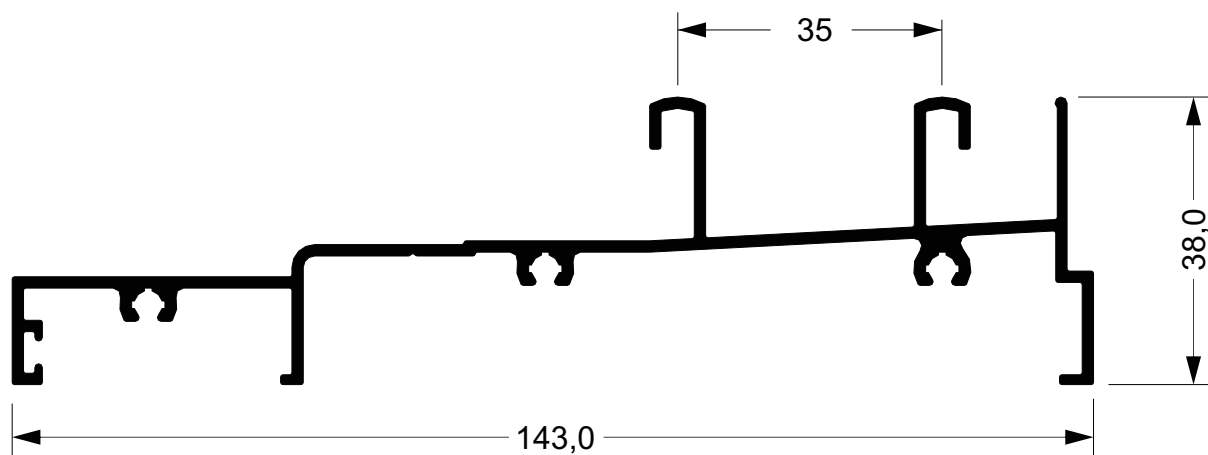
MG25-430
0,948 kg/m



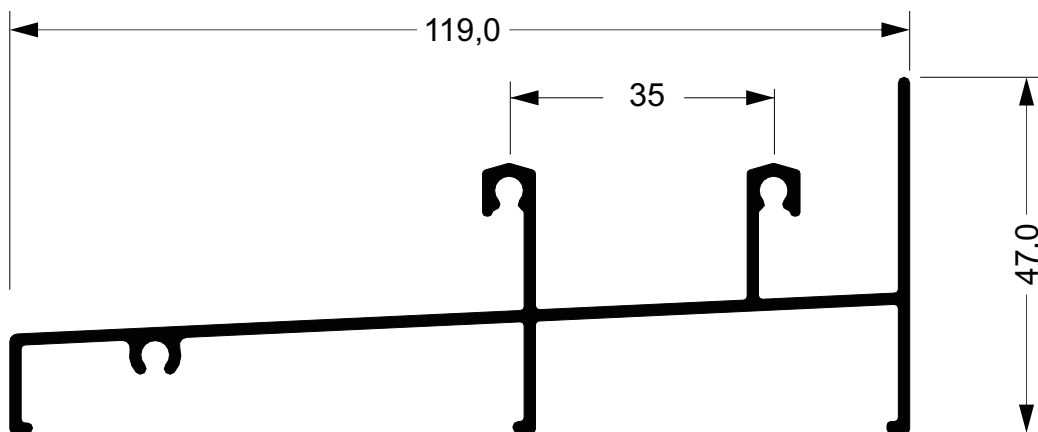
MG25-509
0,843 kg/m



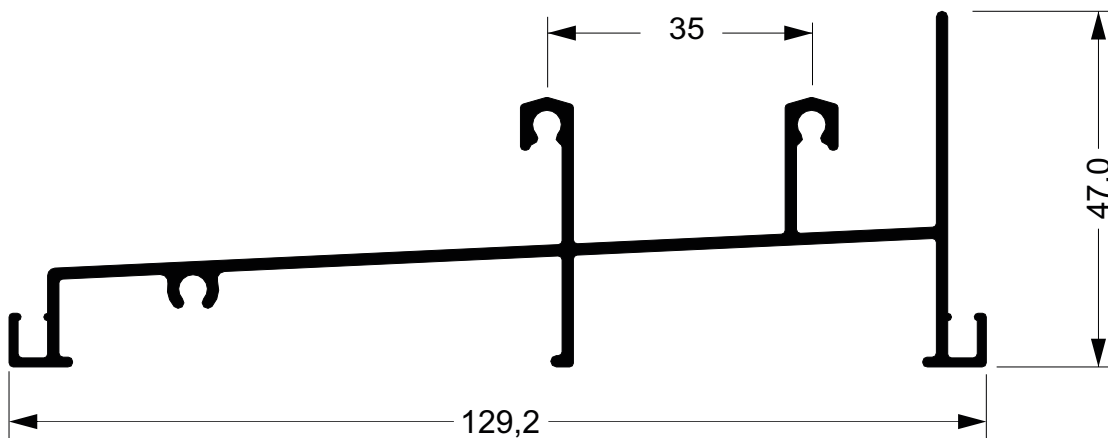
MG25-523
0,881 kg/m



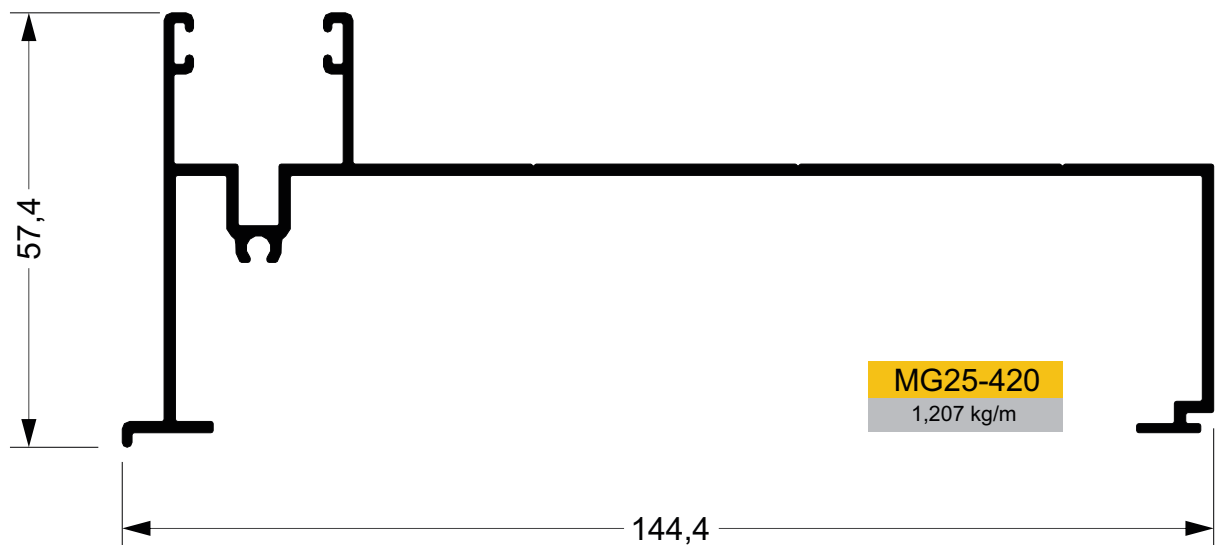
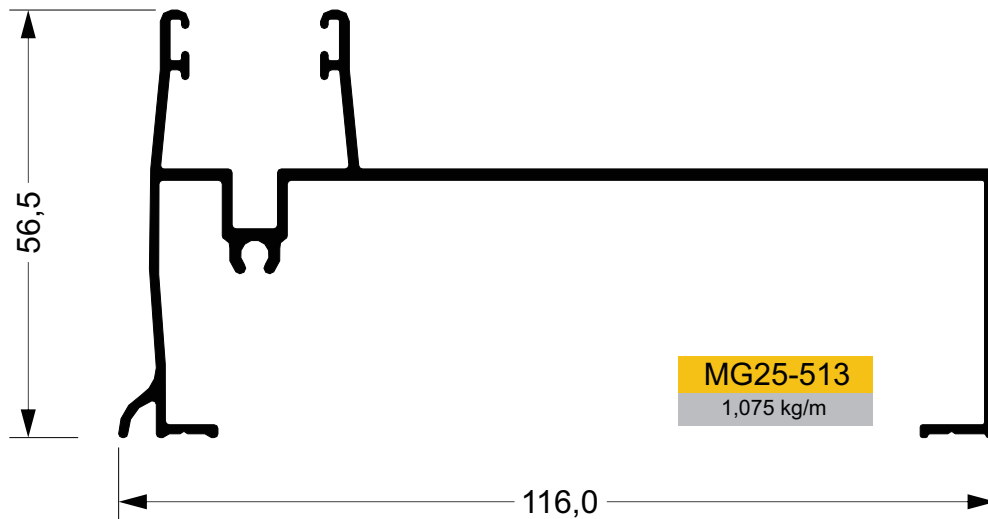
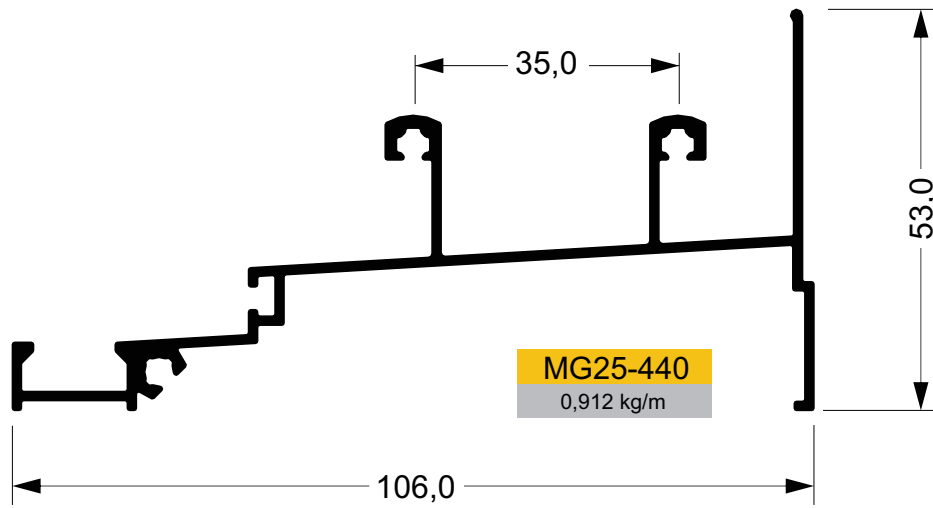
MG25-390
1,291 kg/m

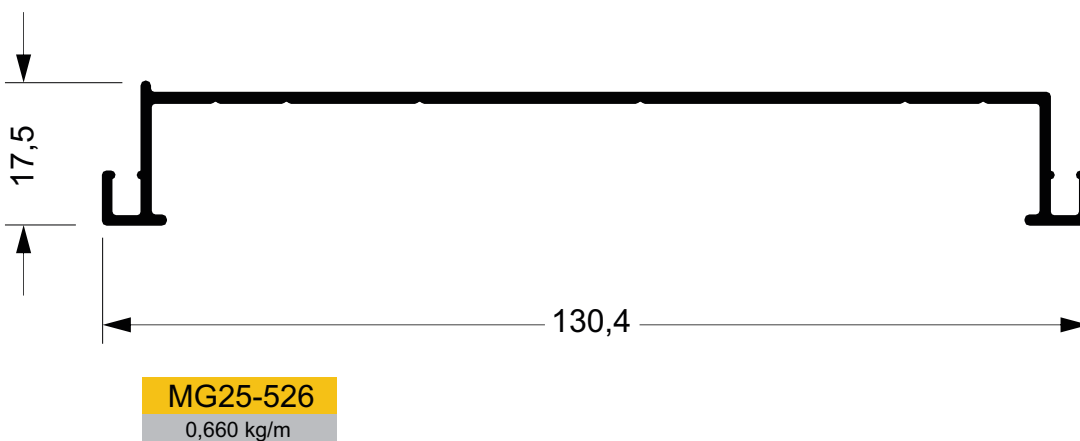
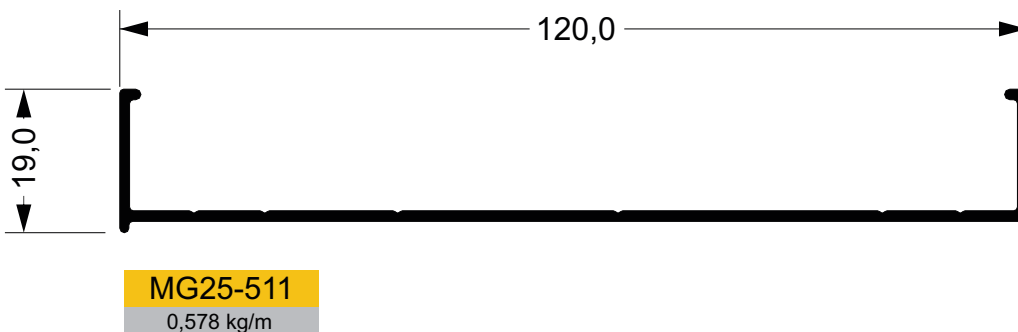
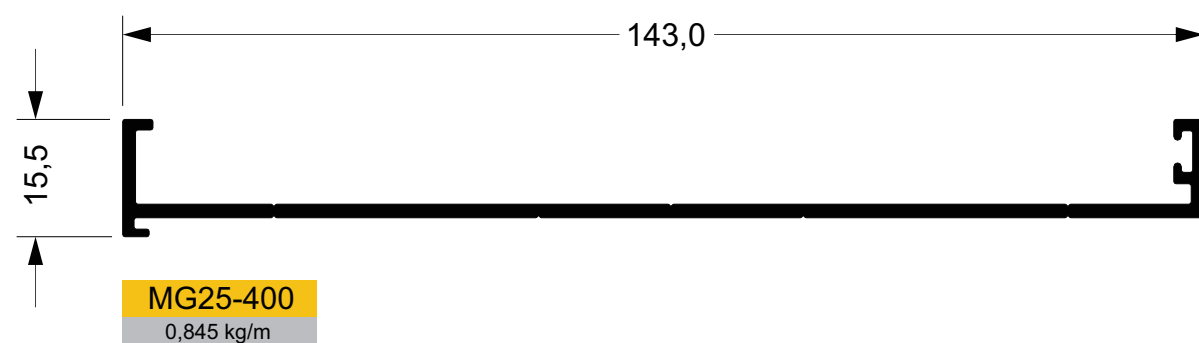
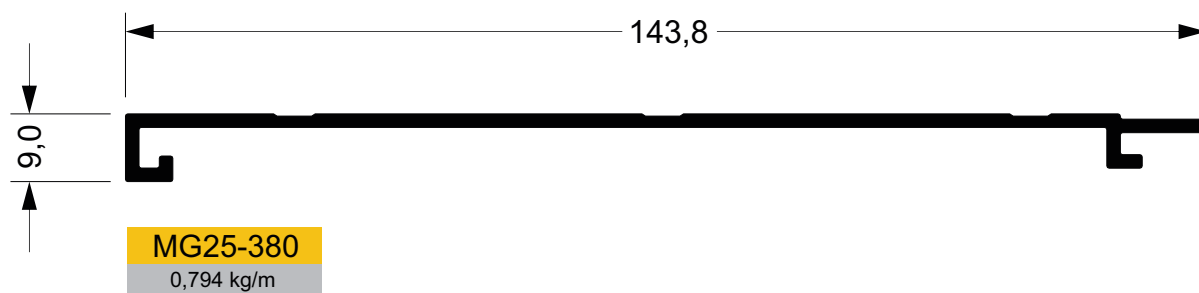


MG25-510
1,085 kg/m



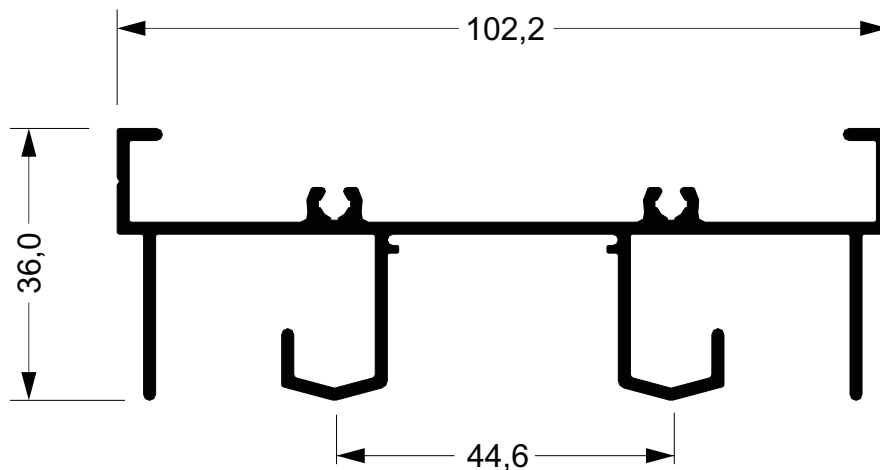
MG25-525
1,163 kg/m





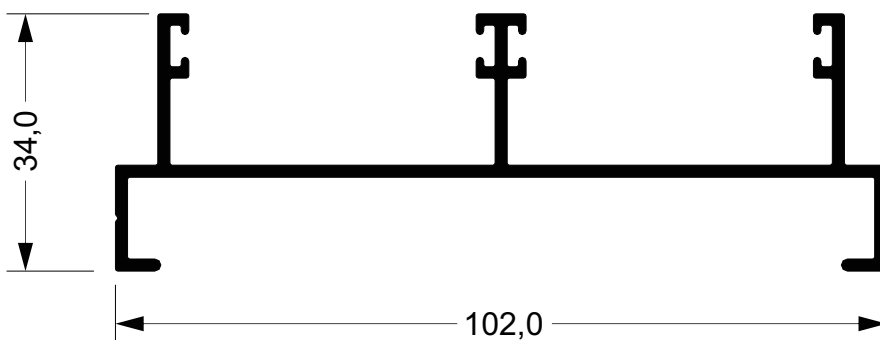
LINHA MEGA 32

A large rectangular area with rounded corners, containing horizontal lines for writing notes.



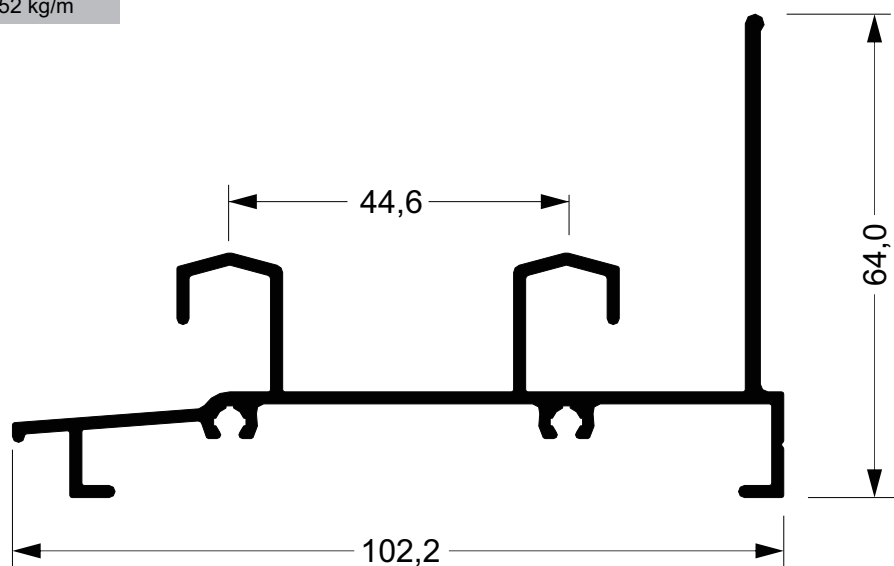
MG32-001

1,230 kg/m



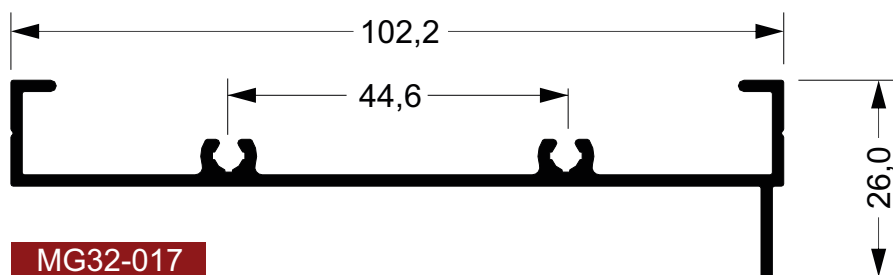
MG32-002

0,952 kg/m



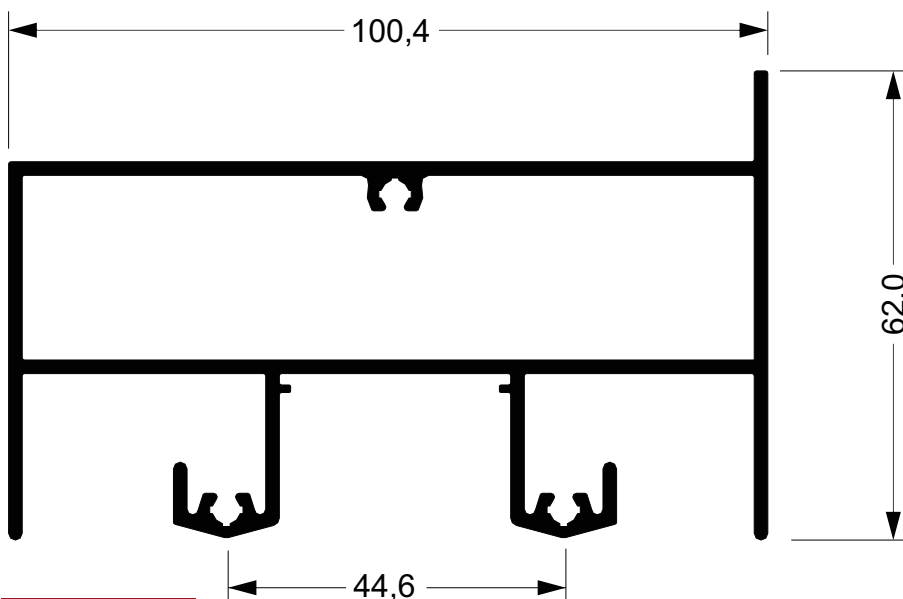
MG32-004

1,256 kg/m



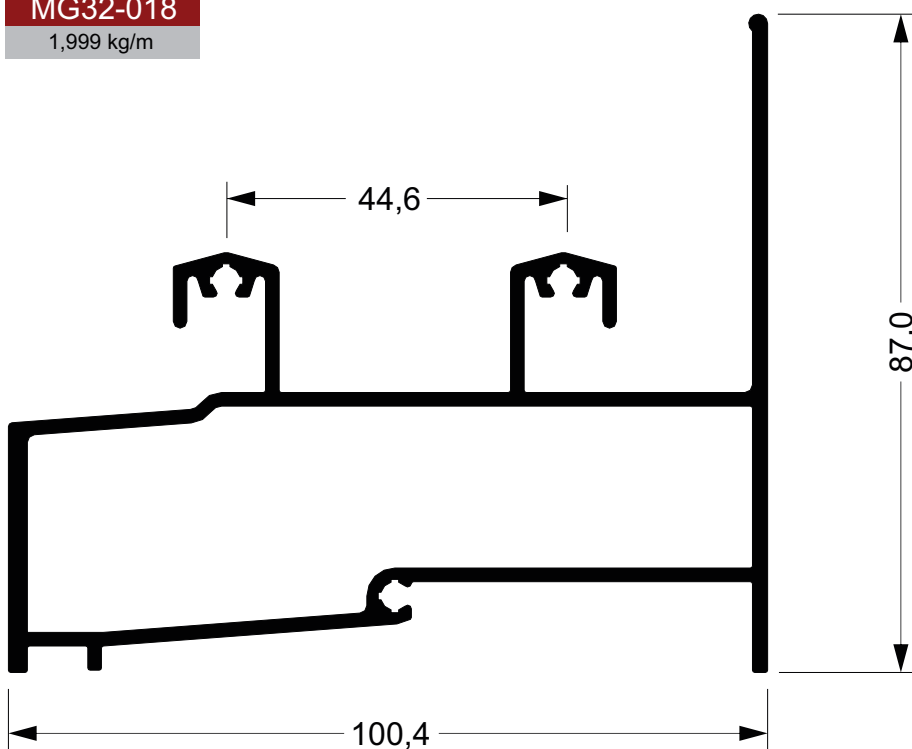
MG32-017

0,708 kg/m



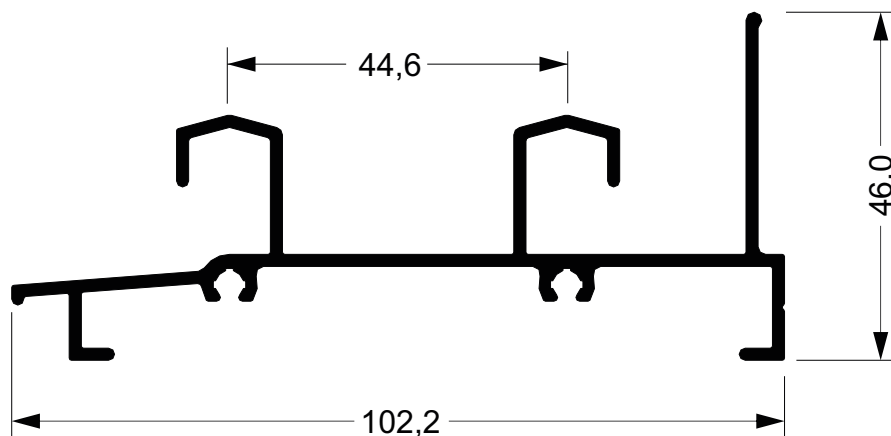
MG32-018

1,999 kg/m



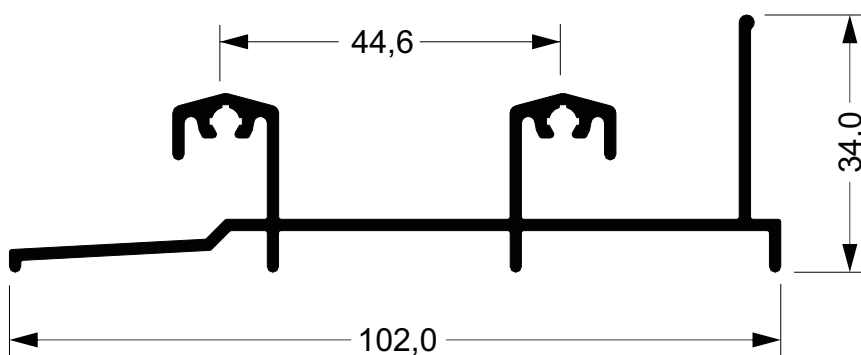
MG32-019

2,115 kg/m



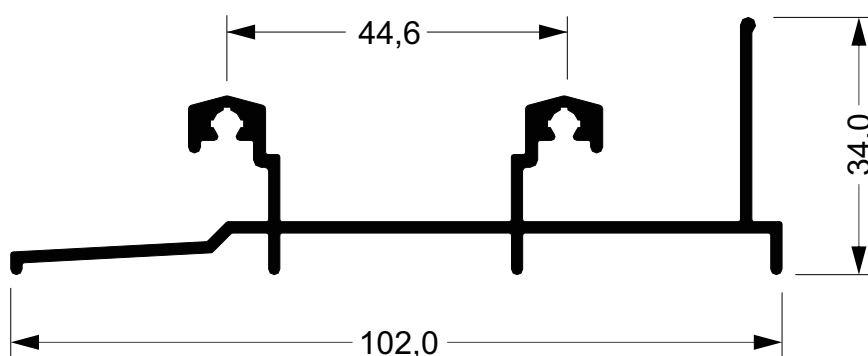
MG32-023

1,123 kg/m



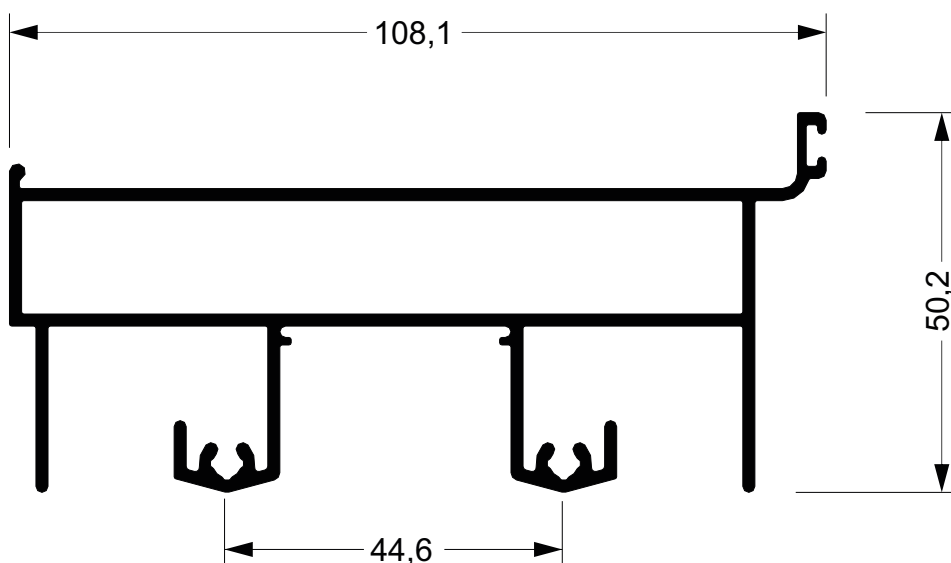
MG32-610

0,957 kg/m

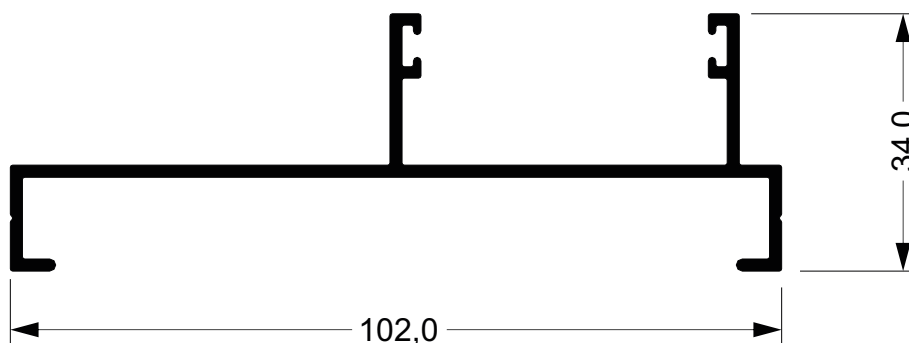


MG32-611

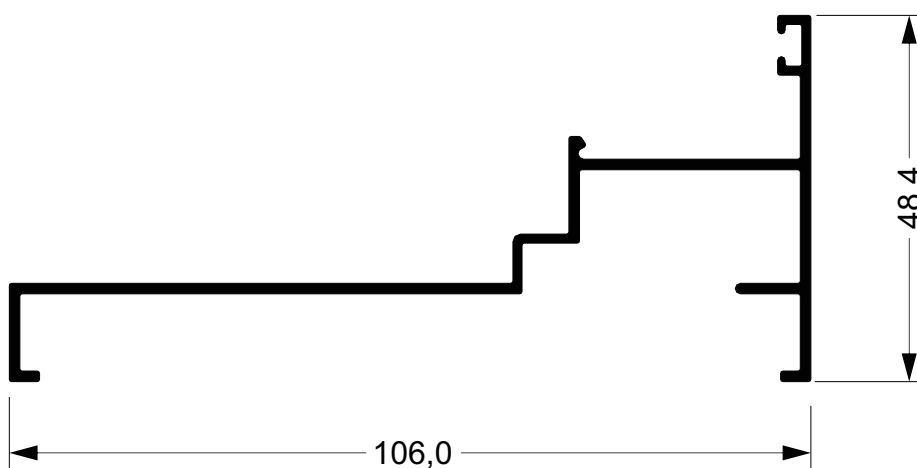
0,934 kg/m



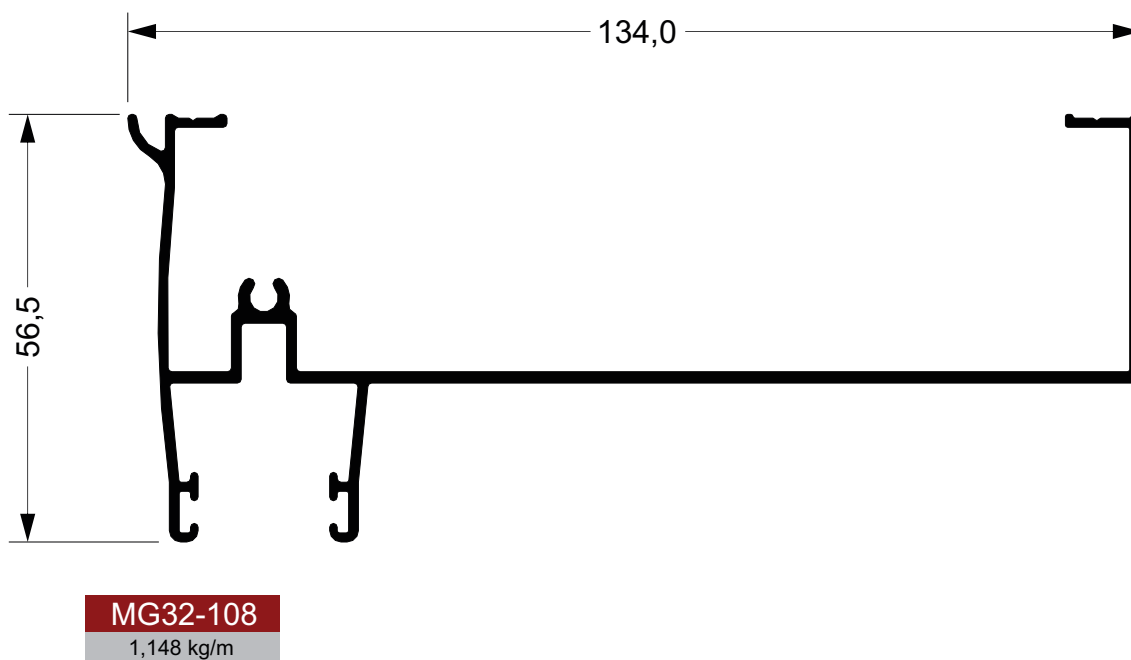
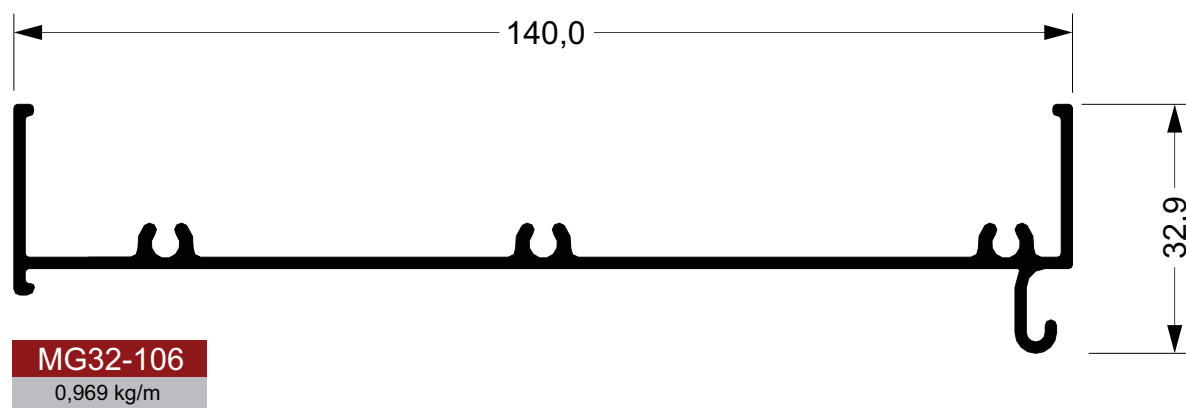
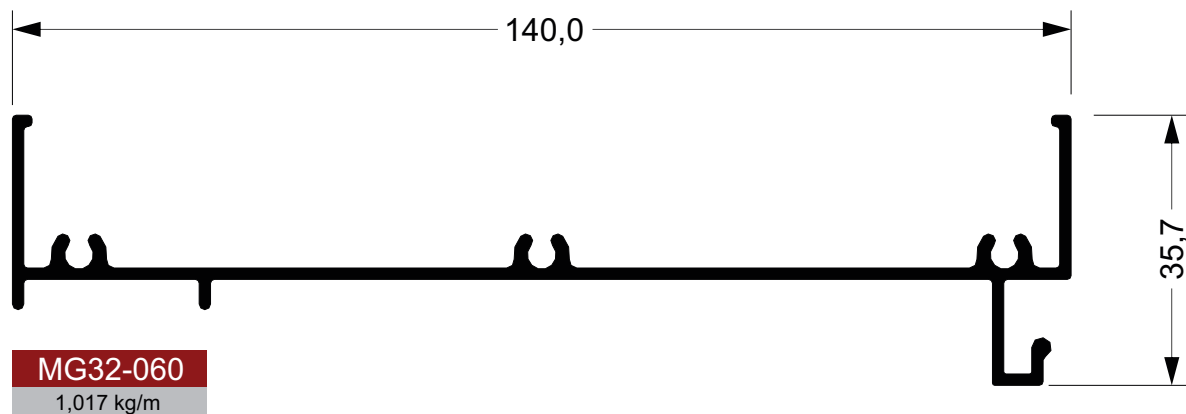
MG32-107
1,714 kg/m

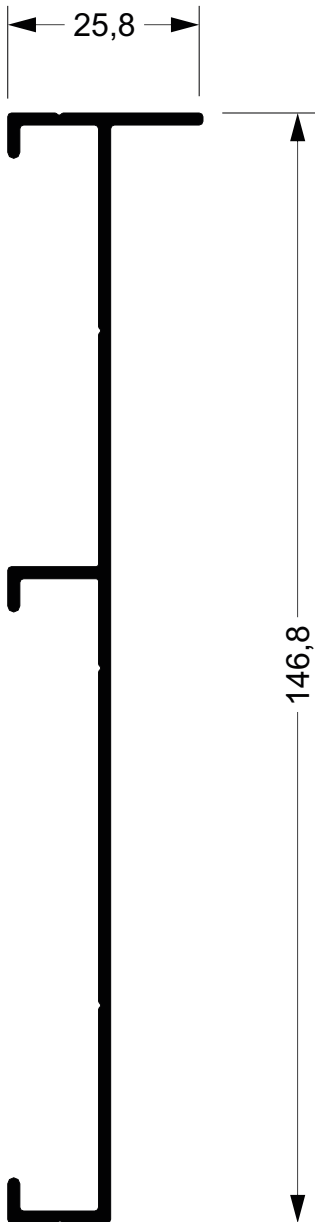


MG32-049
0,812 kg/m

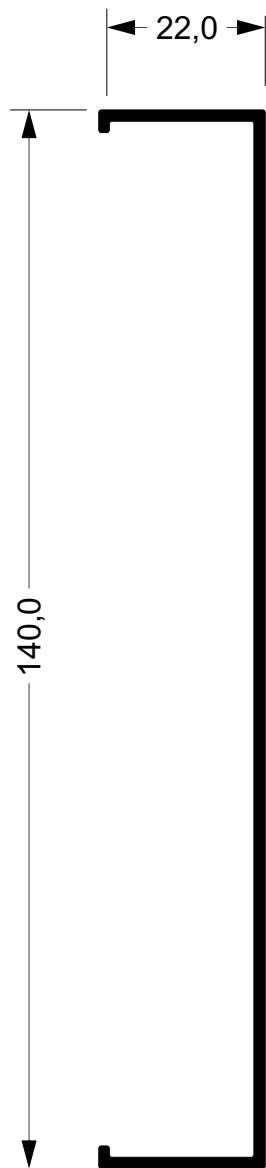


MG32-173
0,766 kg/m

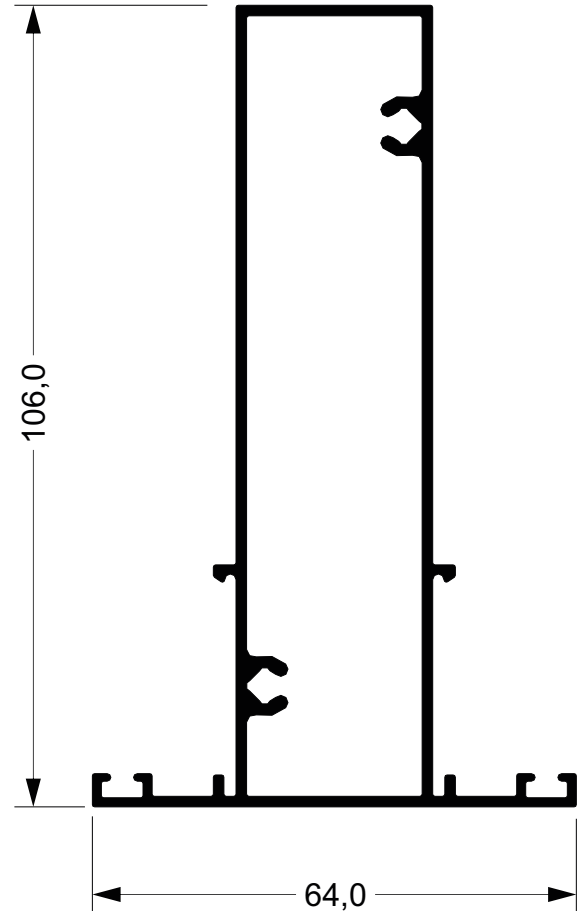




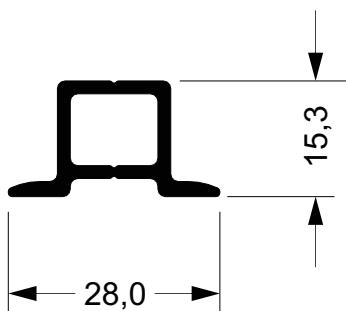
MG32-072
0,898 kg/m



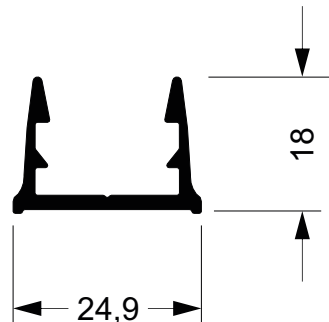
MG32-058
0,746 kg/m



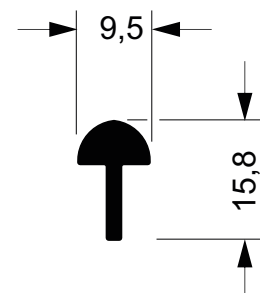
MG32-159
1,342 kg/m



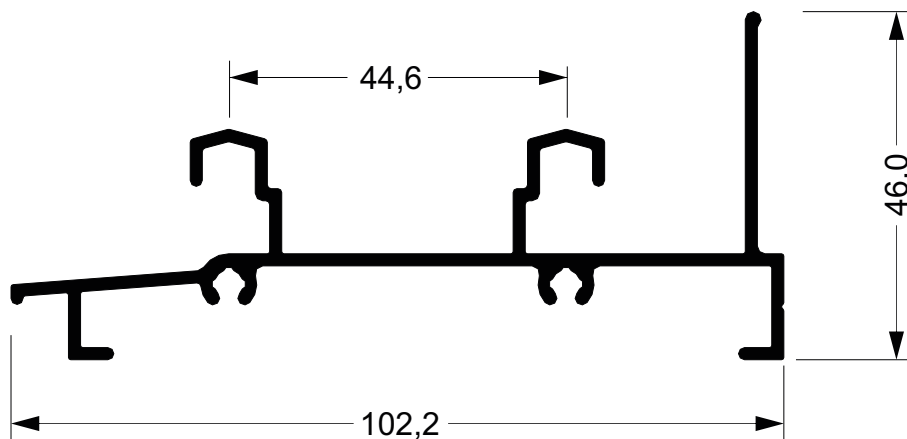
MG32-177
0,311 kg/m



MG32-111
0,282 kg/m

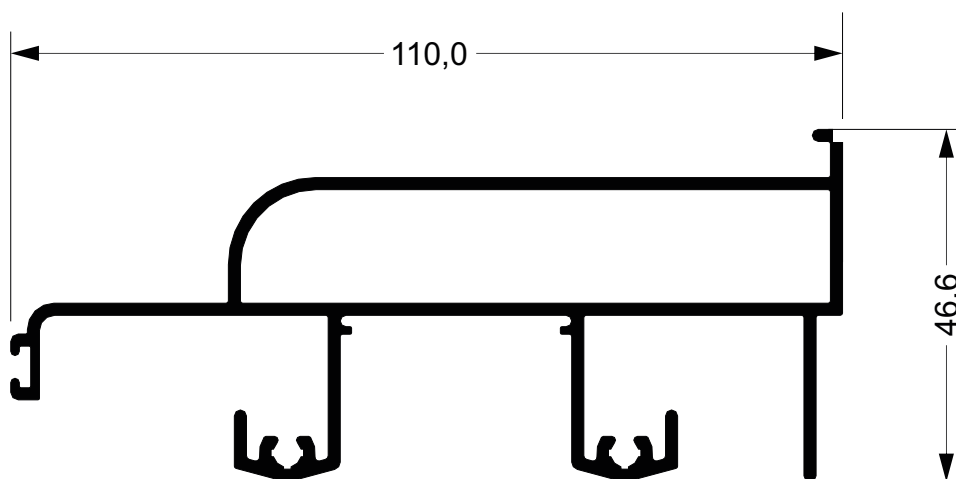


MG32-119
0,172 kg/m



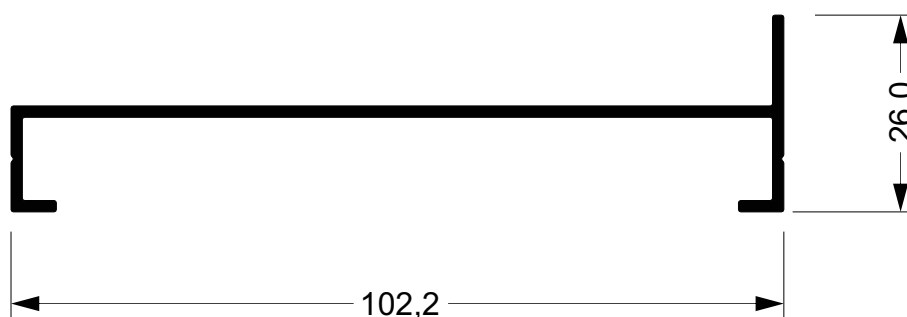
MG32-083

1,088 kg/m



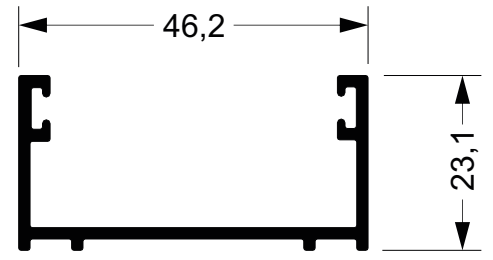
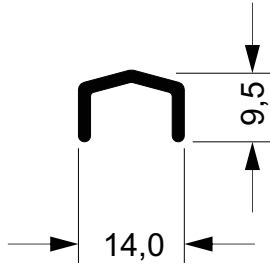
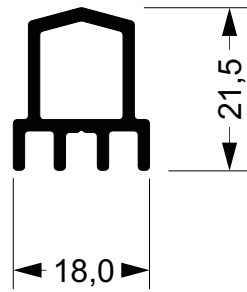
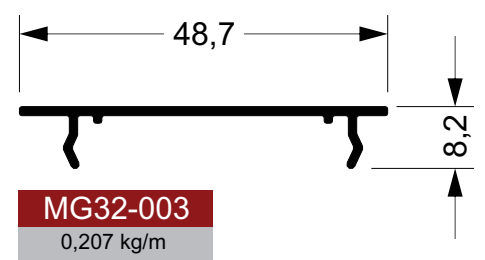
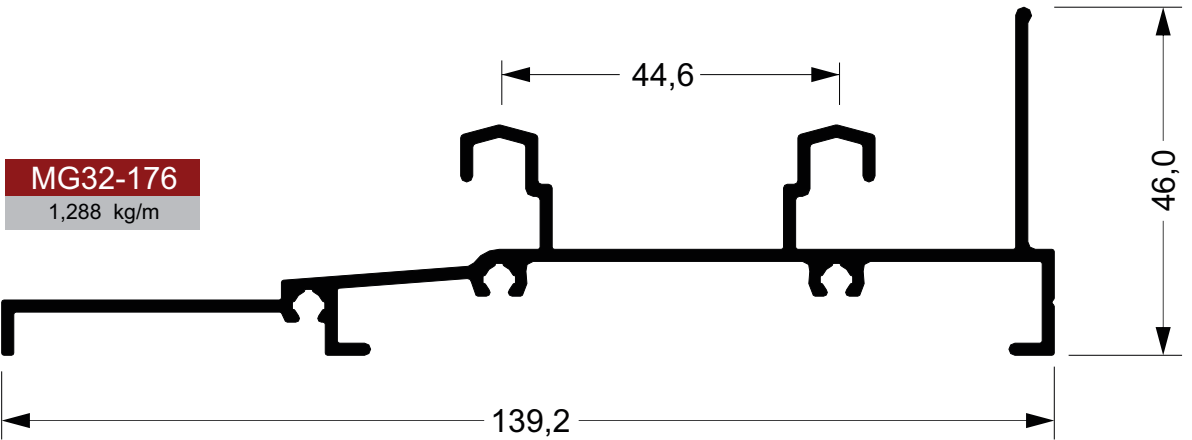
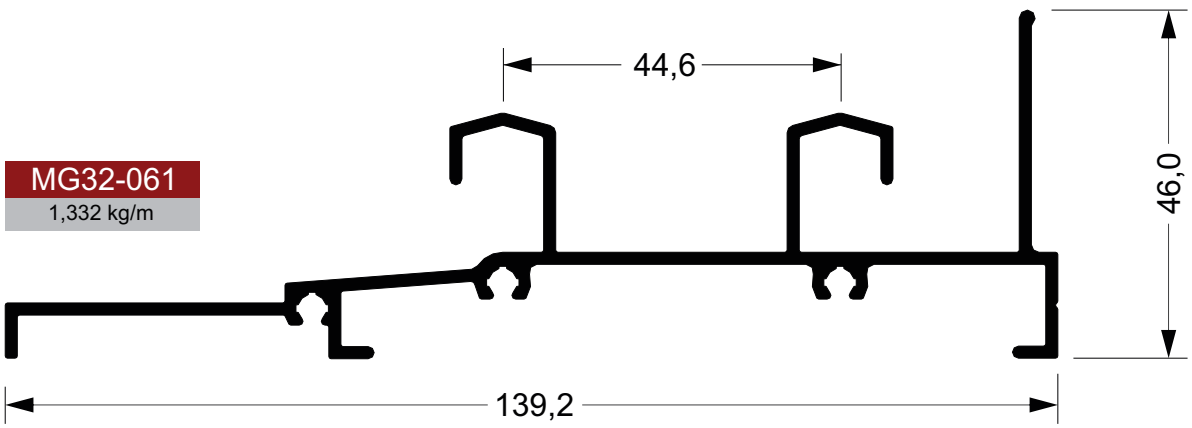
MG32-059

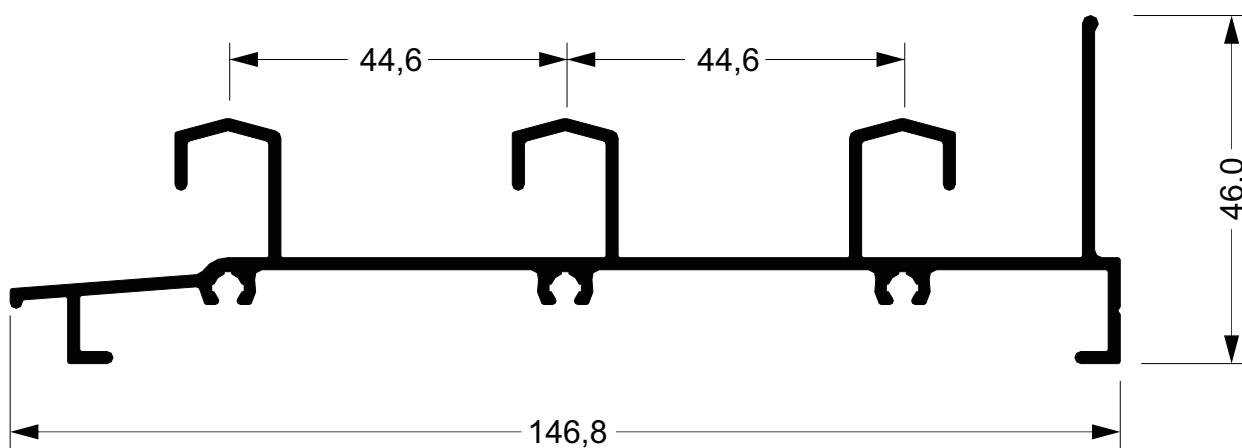
1,553 kg/m



MG32-016

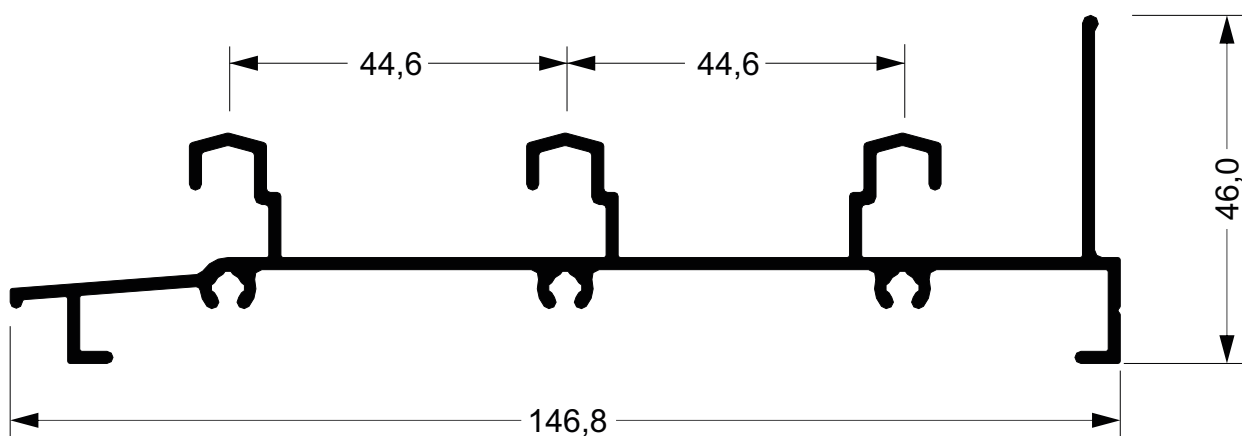
0,601 kg/m





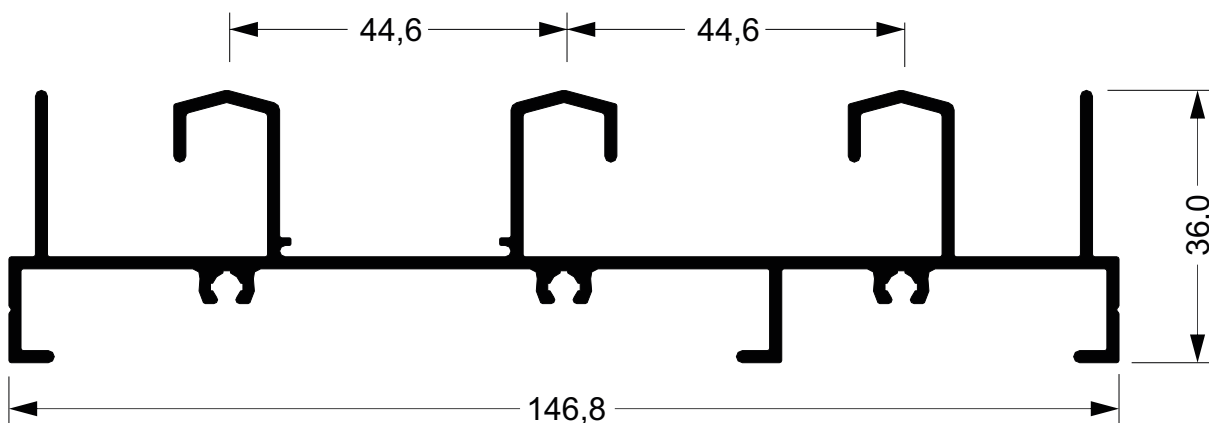
MG32-015

1,524 kg/m



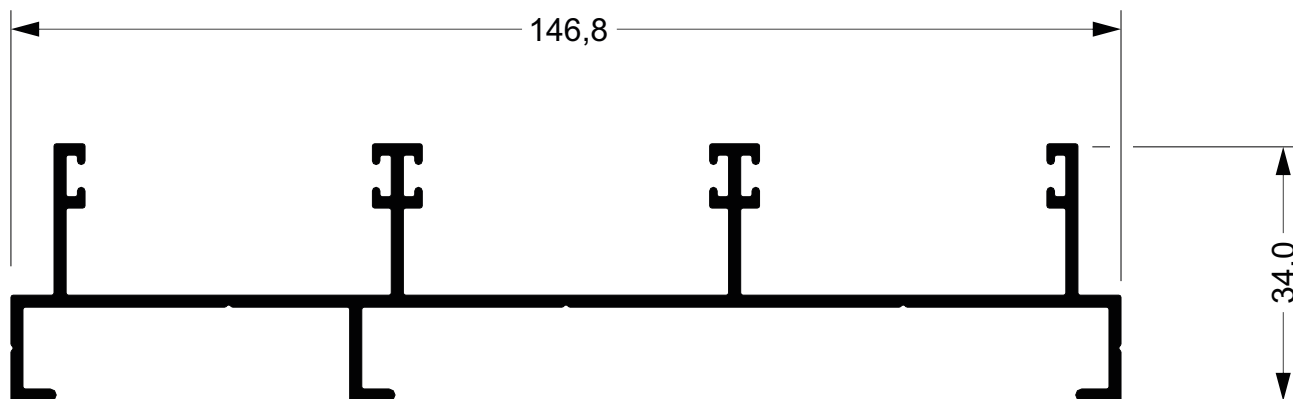
MG32-084

1,470 kg/m



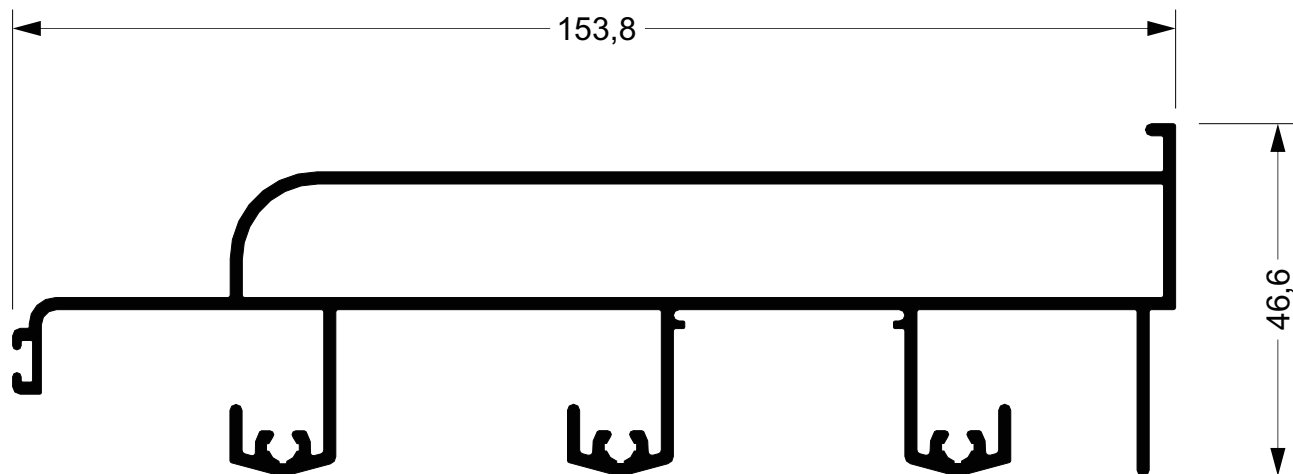
MG32-013

1,718 kg/m



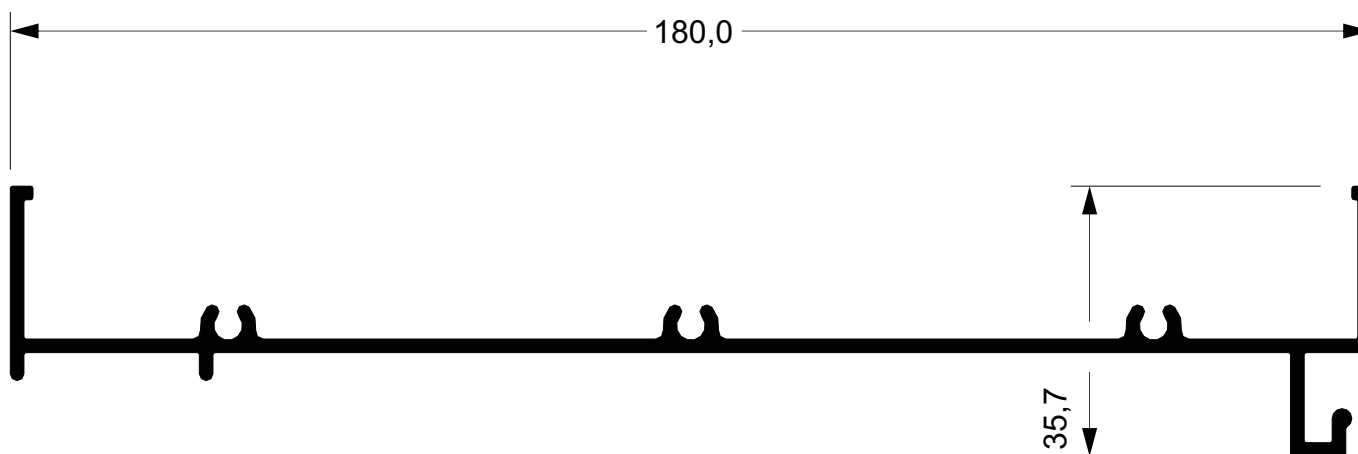
MG32-014

1,357 kg/m



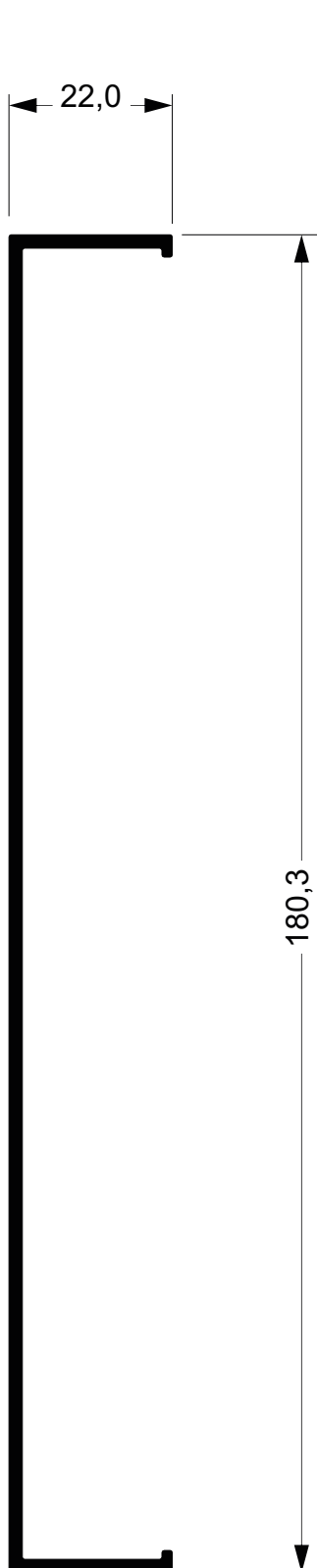
MG32-034

2,142 kg/m

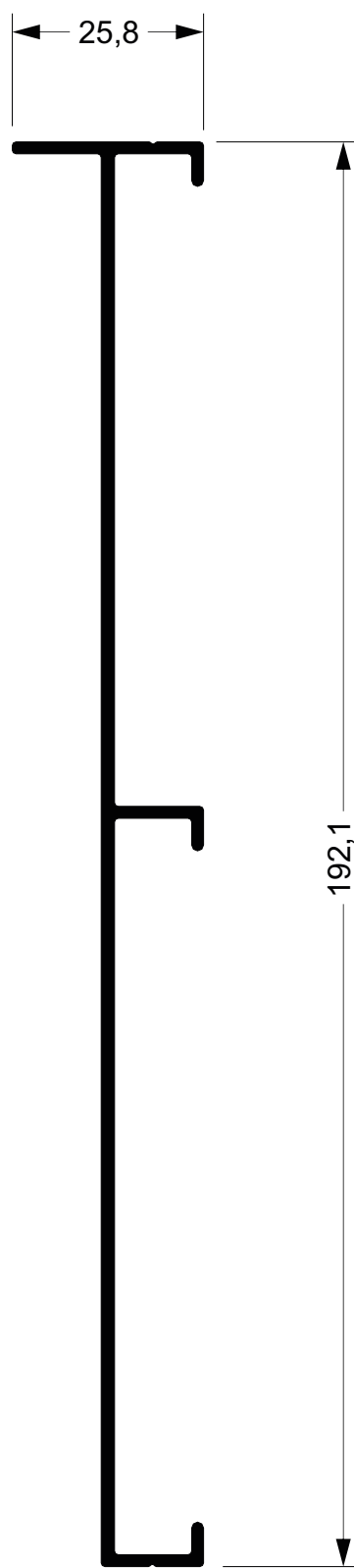


MG32-041

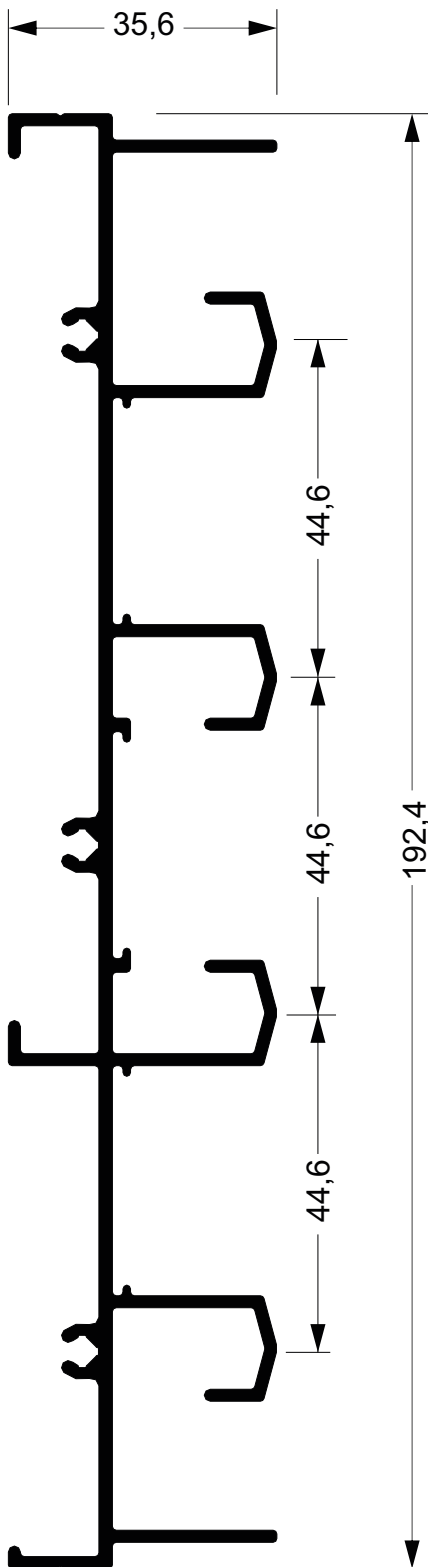
1,378 kg/m



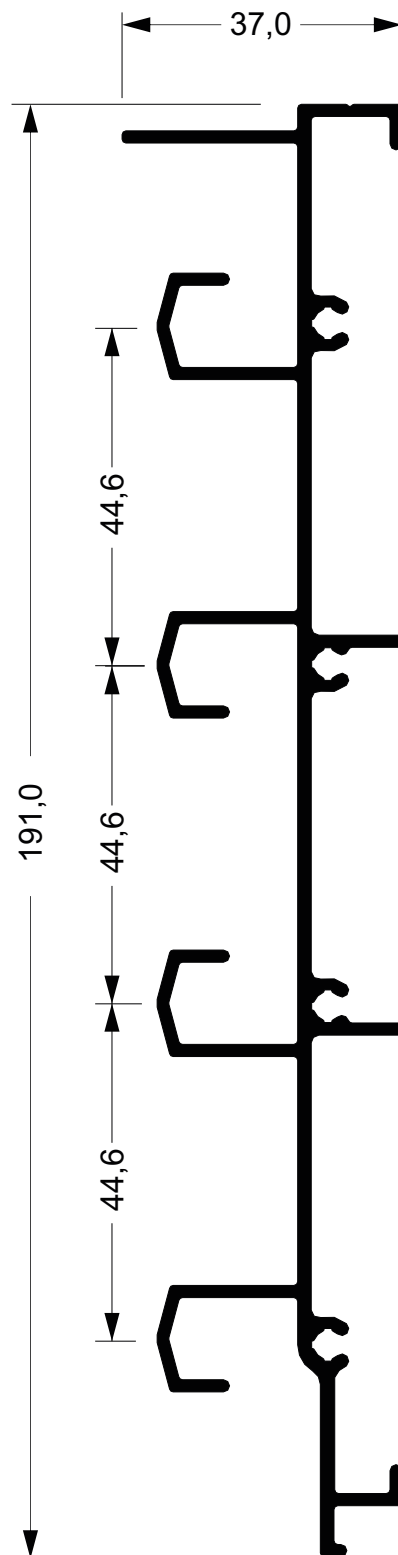
MG32-035
1,085 kg/m



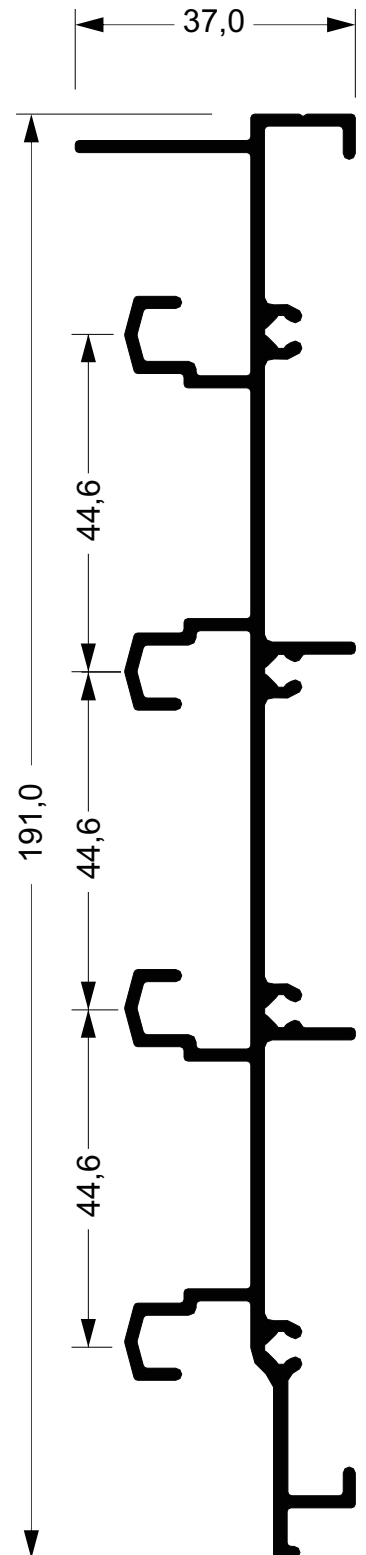
MG32-067
1,199 kg/m



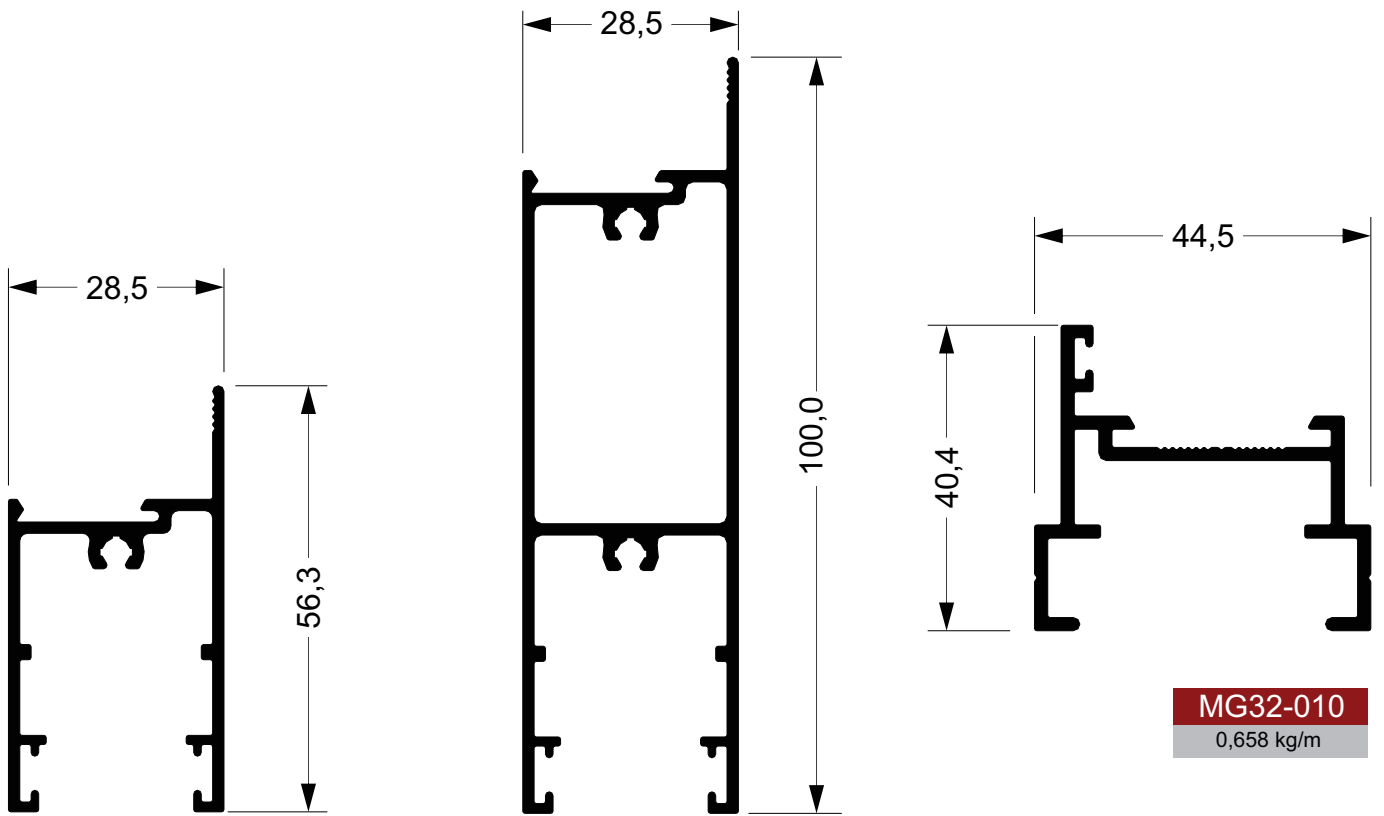
MG32-065
2,213 kg/m



MG32-066
2,070 kg/m



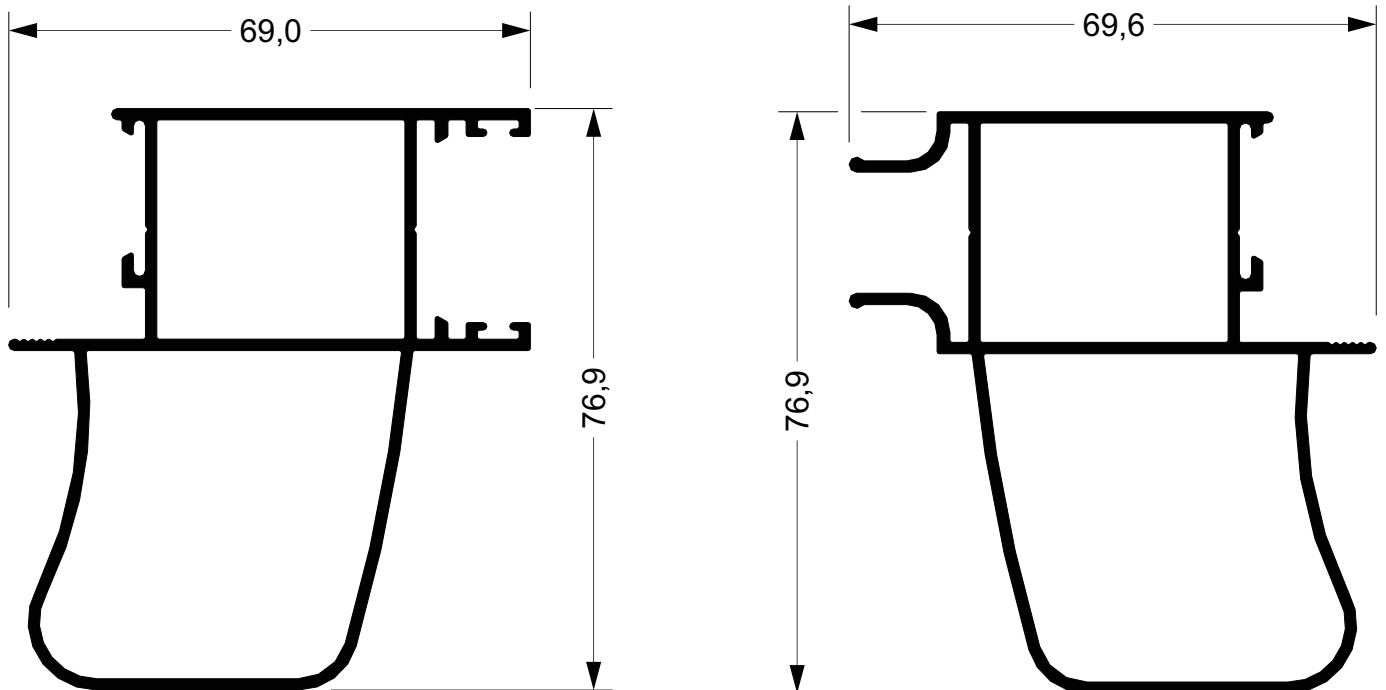
MG32-085
1,979 kg/m



MG32-010
0,658 kg/m

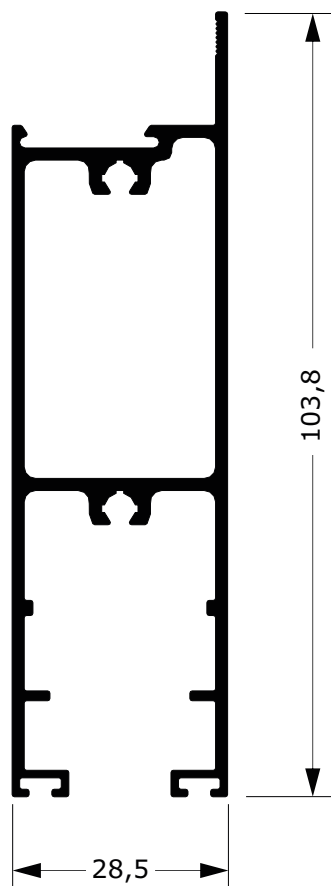
MG32-020
0,647 kg/m

MG32-021
1,162 kg/m



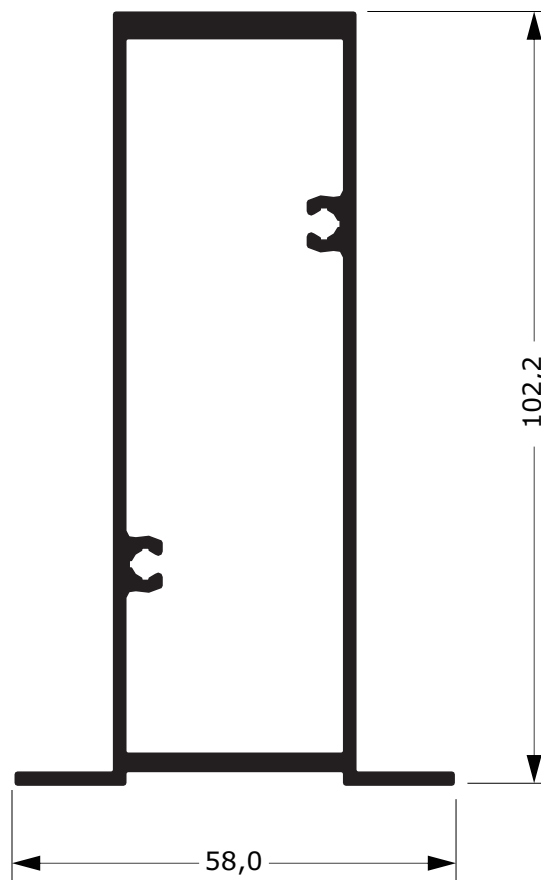
MG32-095
1,354 kg/m

MG32-096
1,335 kg/m



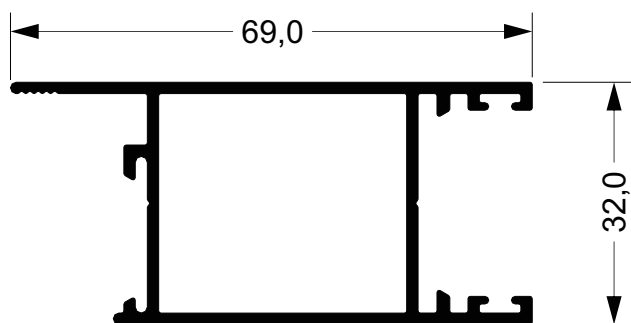
MG32-118

1,285 Kg/m



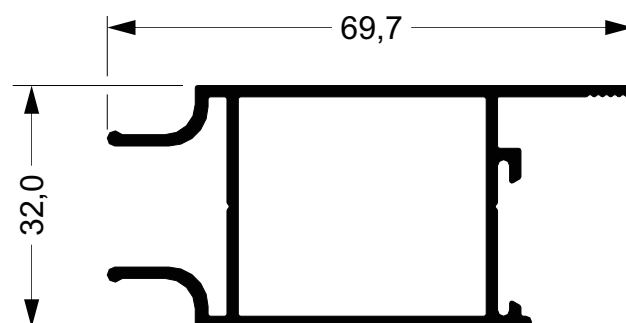
MG32-160

1,578 Kg/m



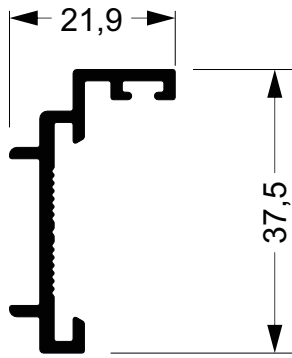
MG32-087

0,843 kg/m



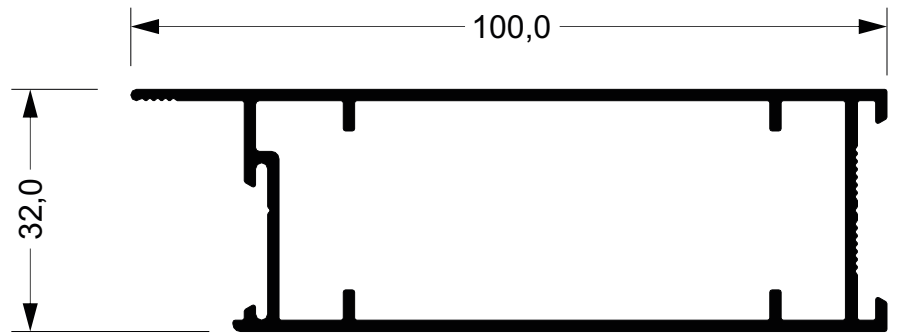
MG32-088

0,825 kg/m



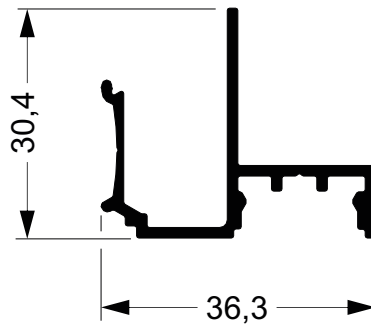
MG32-029

0,342 kg/m



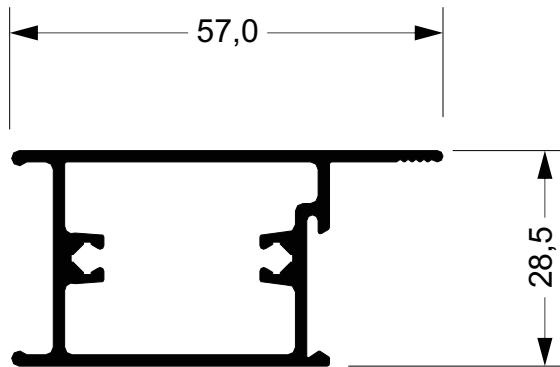
MG32-047

1,112 kg/m



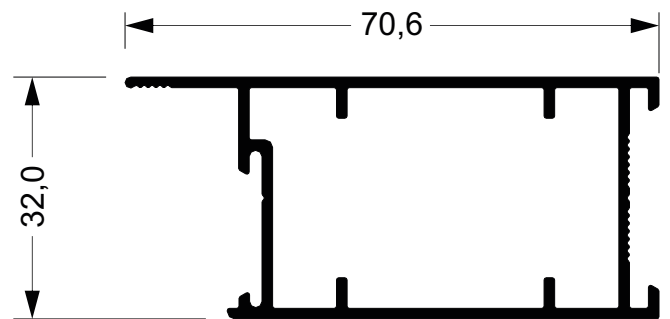
MG32-117

0,383 kg/m



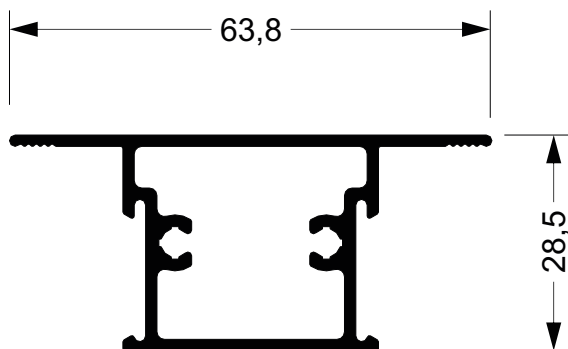
MG32-026

0,750 kg/m



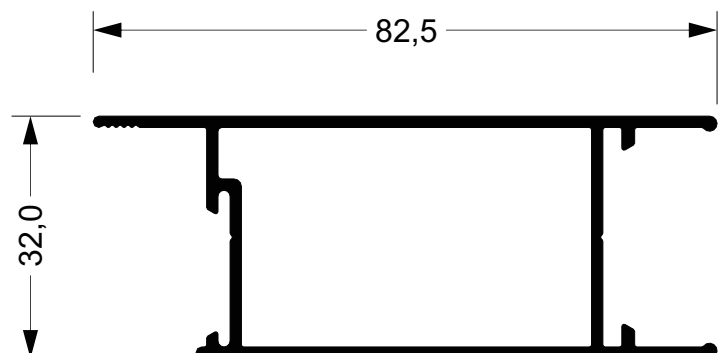
MG32-011 A

0,810 kg/m



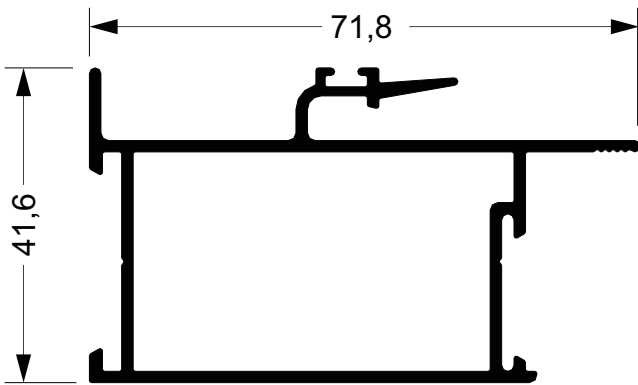
MG32-009

0,750 kg/m



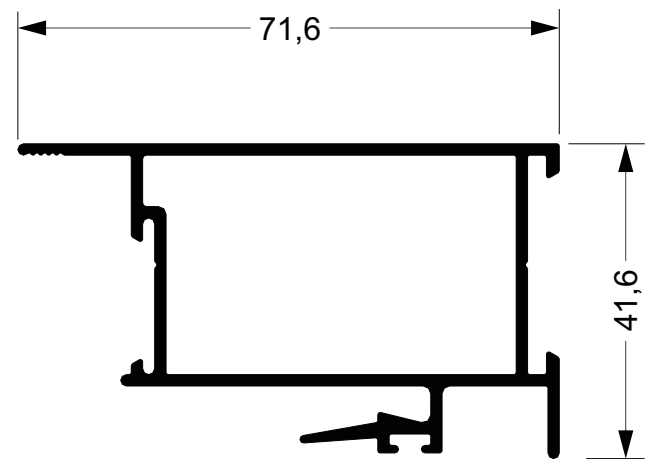
MG32-078

0,906 kg/m



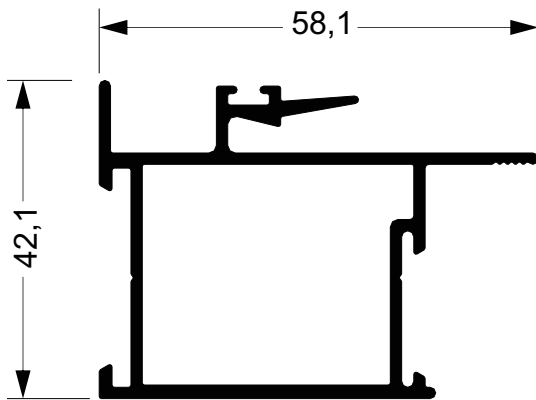
MG32-081

0,987 kg/m



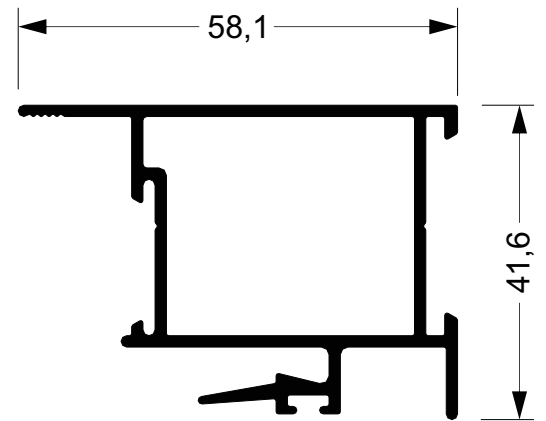
MG32-076

0,981 kg/m



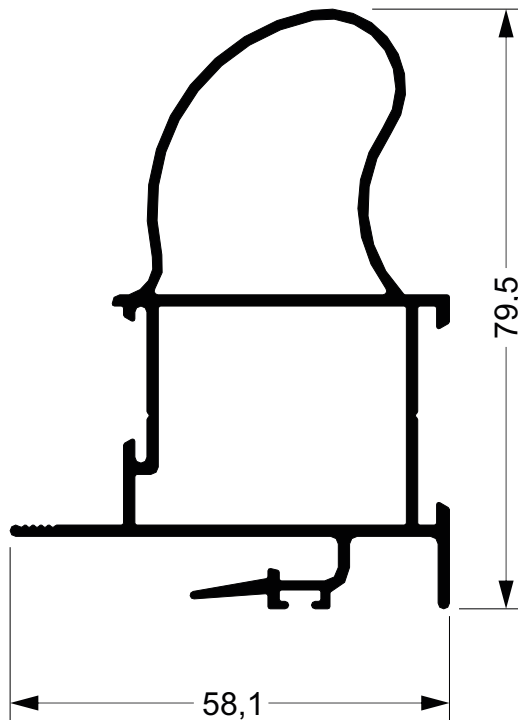
MG32-005

0,916 kg/m



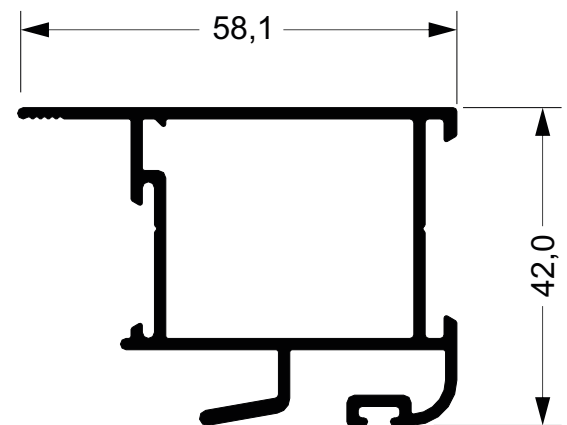
MG32-006

0,879 kg/m



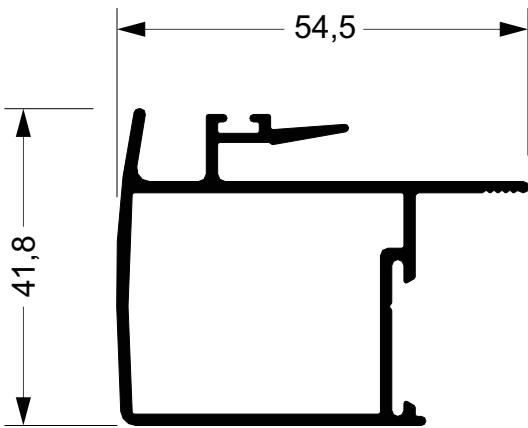
MG32-075

1,212 kg/m



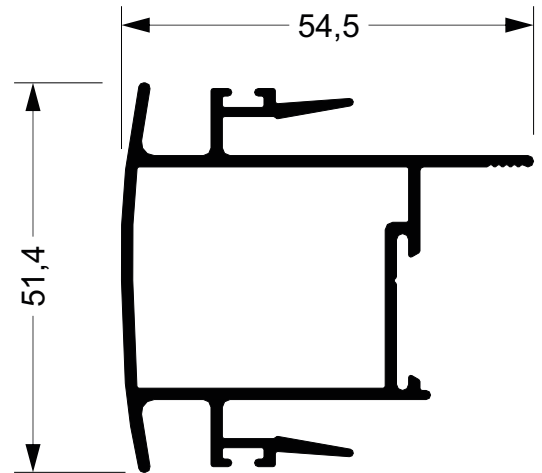
MG32-077

0,907 kg/m



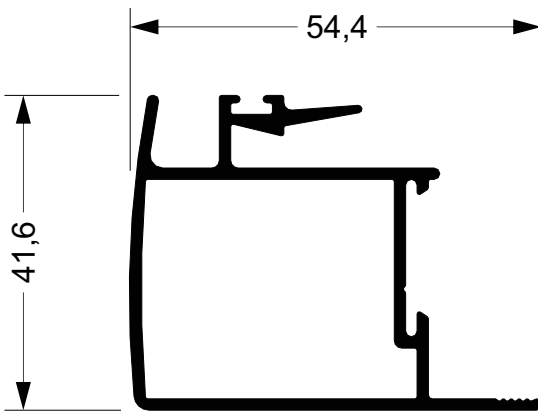
MG32-090

0,806 kg/m



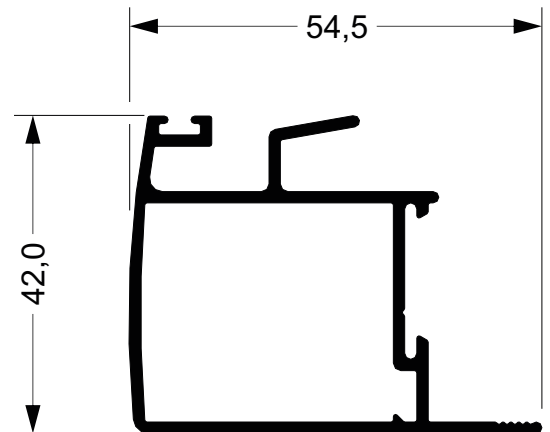
MG32-178

0,968 kg/m



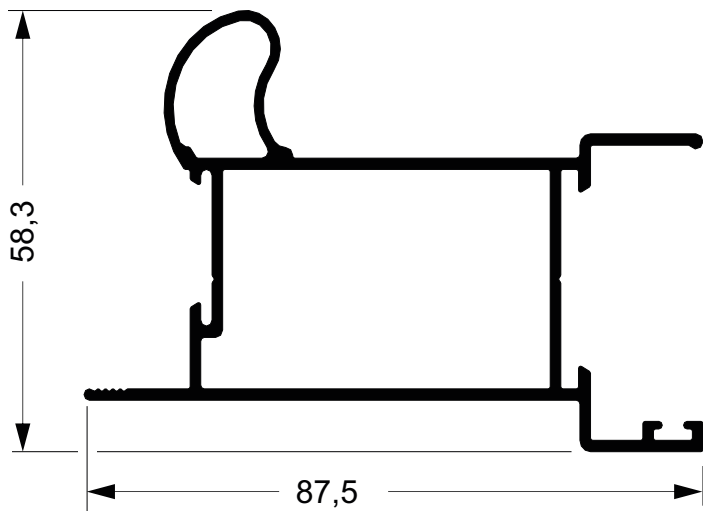
MG32-091

0,825 kg/m



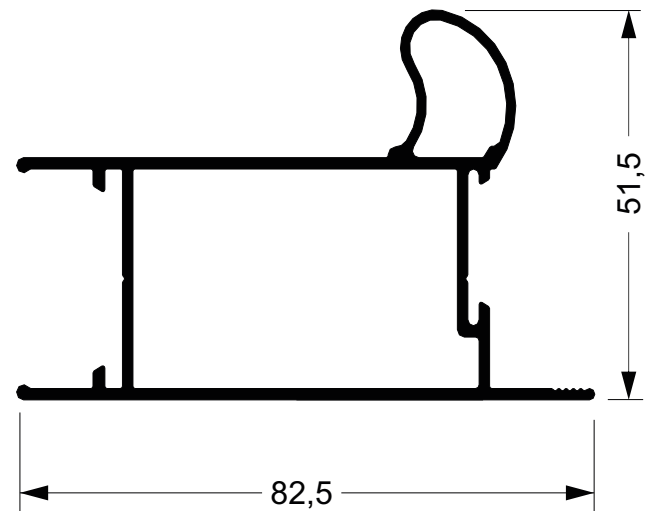
MG32-112

0,815 kg/m



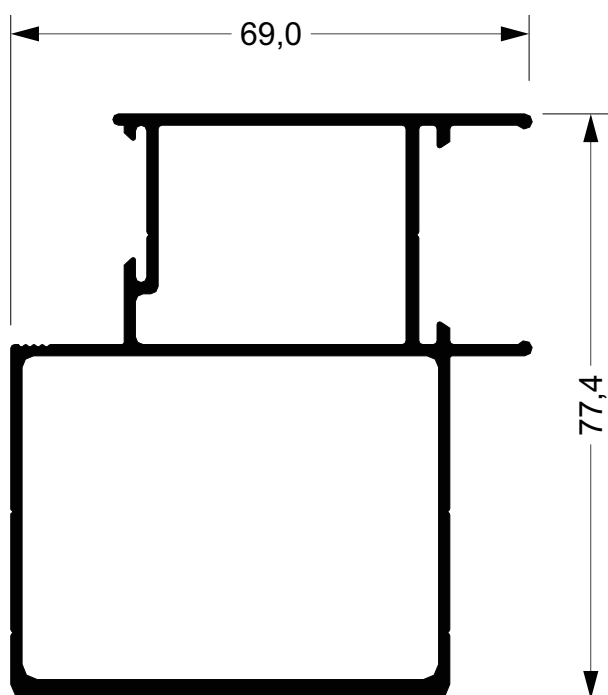
MG32-073

1,190 kg/m



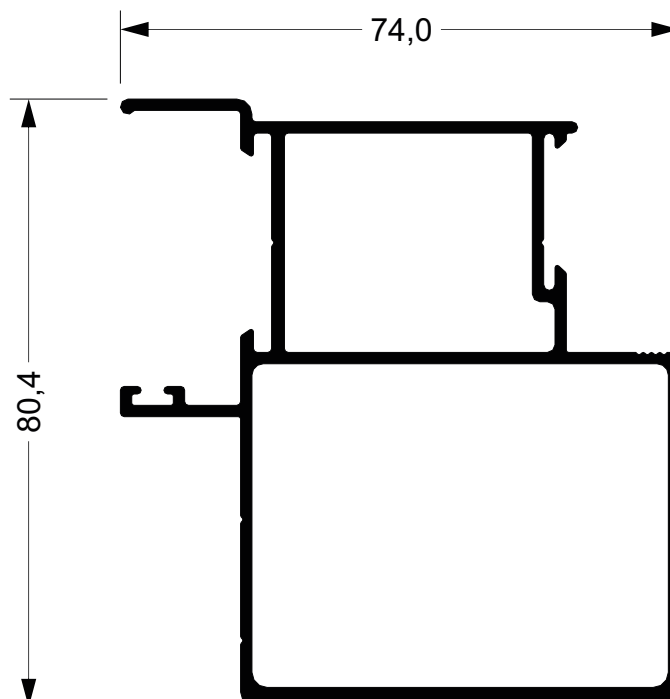
MG32-074

1,087 kg/m



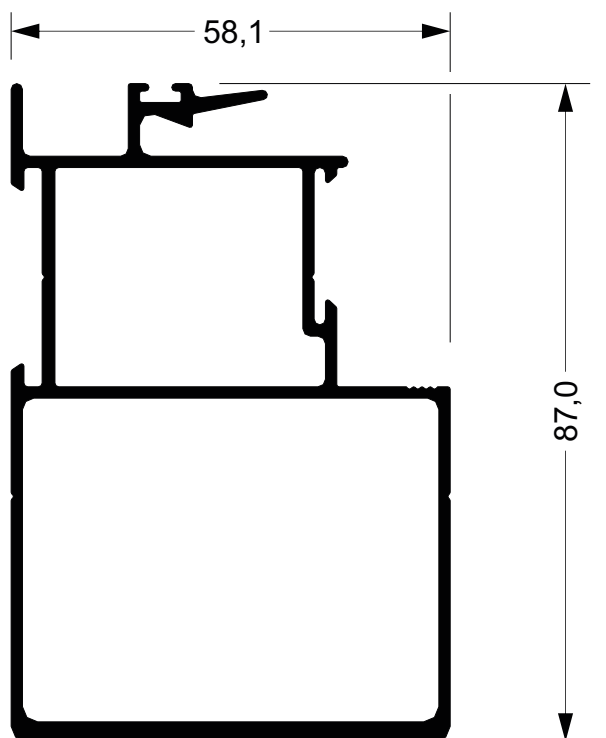
MG32-056

1,574 kg/m



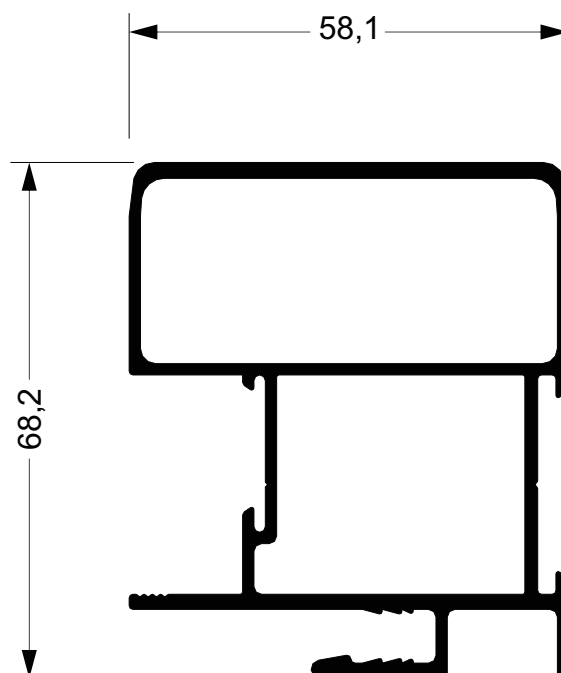
MG32-053

1,649 kg/m



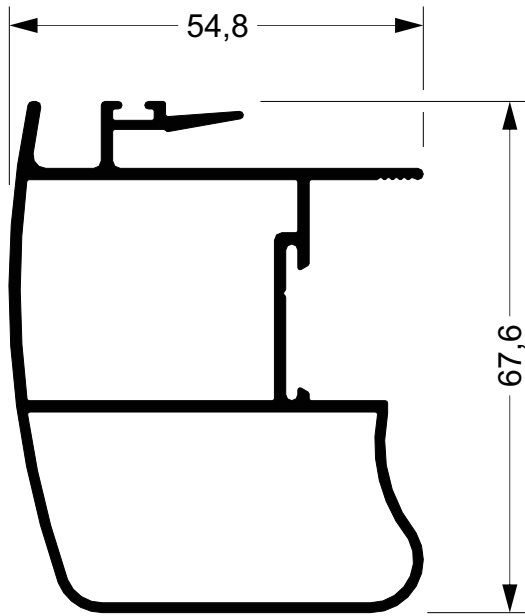
MG32-054

1,666 kg/m

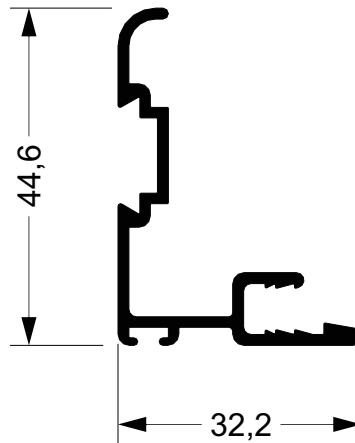


MG32-055

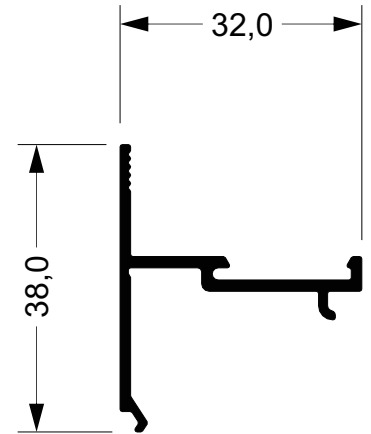
1,570 kg/m



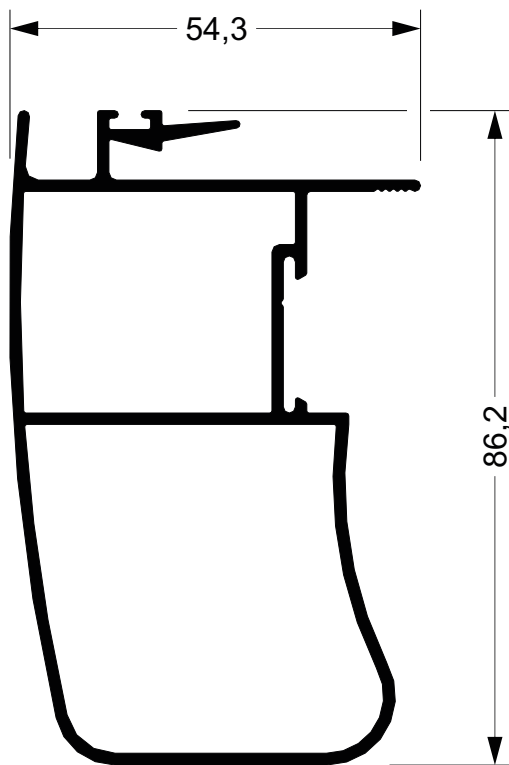
MG32-092
1,185 kg/m



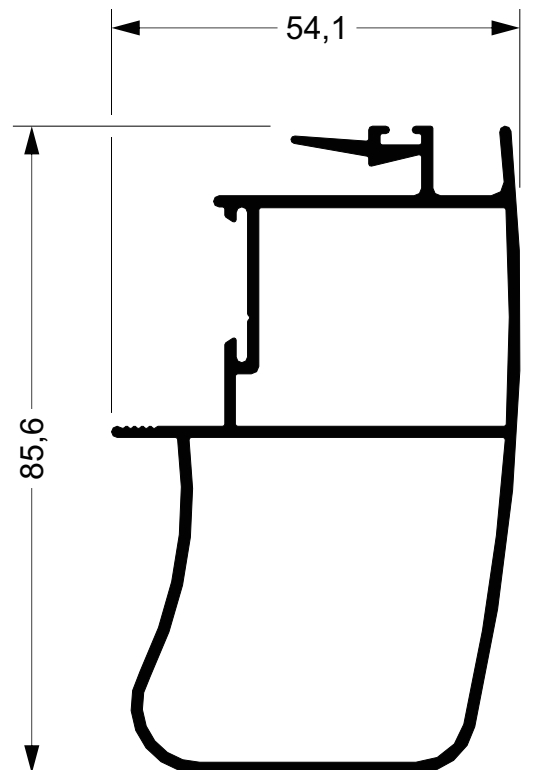
MG32-079
0,456 kg/m



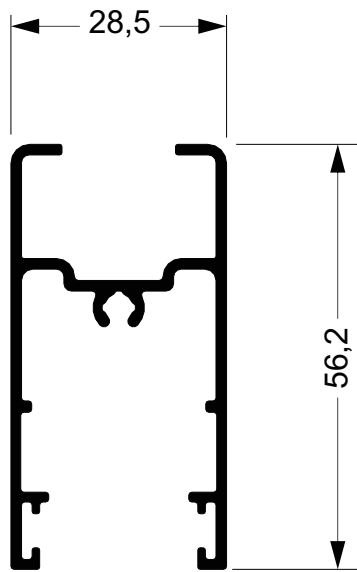
MG32-175
0,315 kg/m



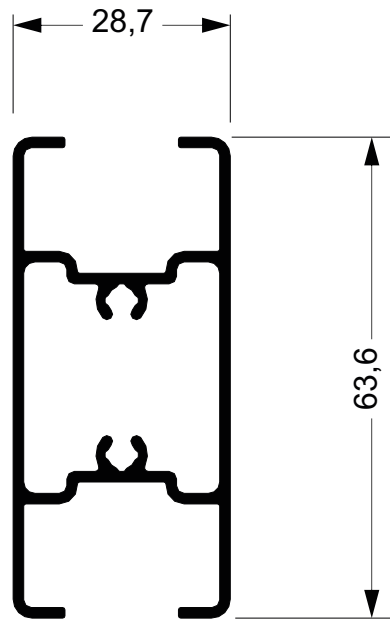
MG32-093
1,366 kg/m



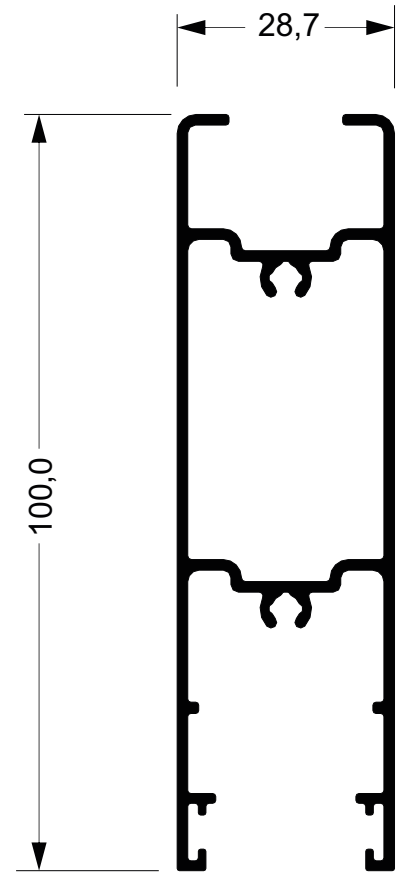
MG32-094
1,348 kg/m



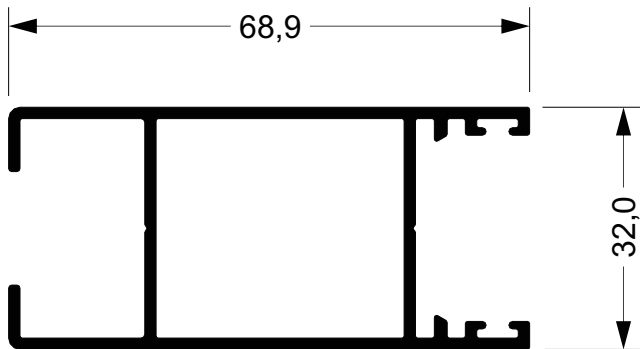
MG32-103
0,682 kg/m



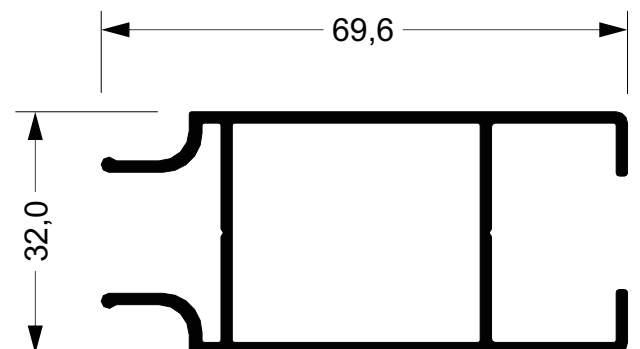
MG32-104
0,868 kg/m



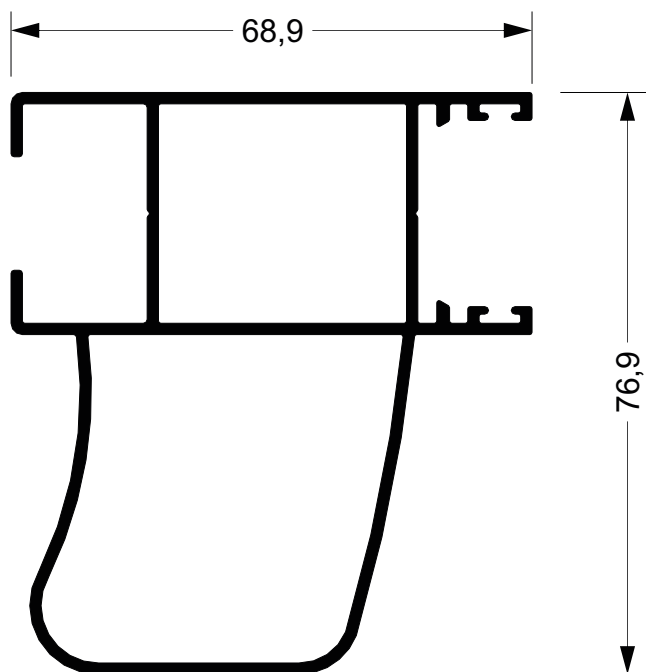
MG32-105
1,180 kg/m



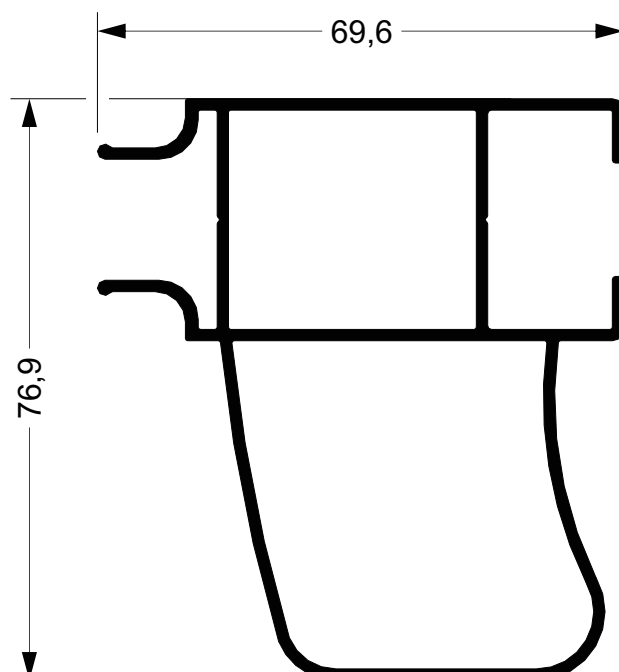
MG32-097
0,922 kg/m



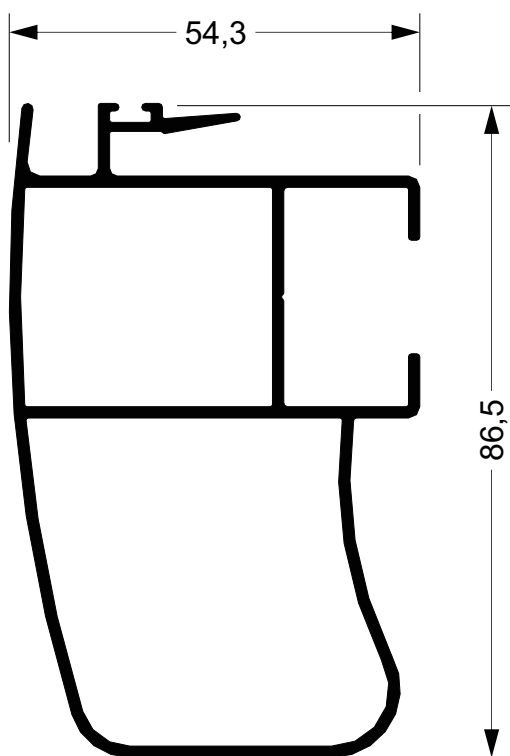
MG32-098
0,904 kg/m



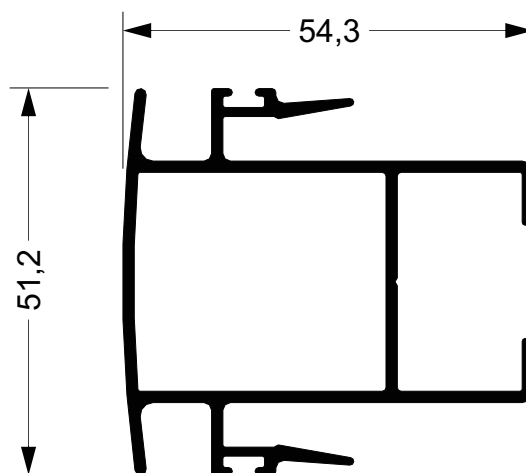
MG32-100
1,433 kg/m



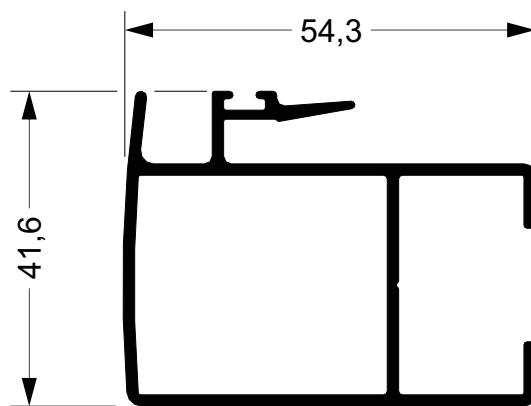
MG32-101
1,415 kg/m



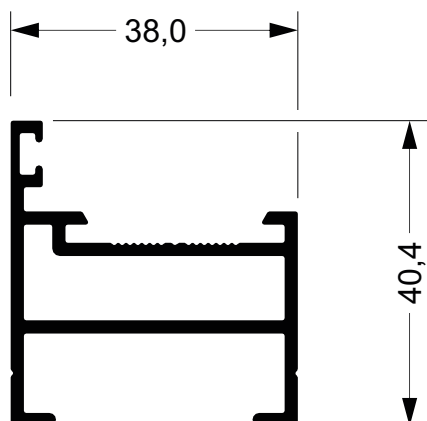
MG32-102
1,399 kg/m



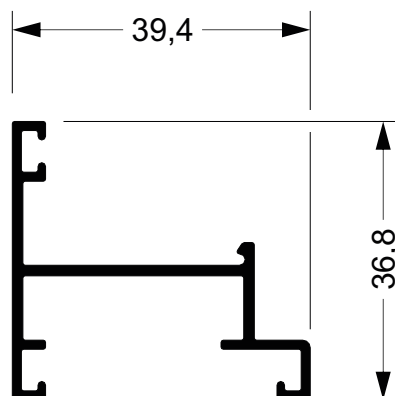
MG32-113
1,050 kg/m



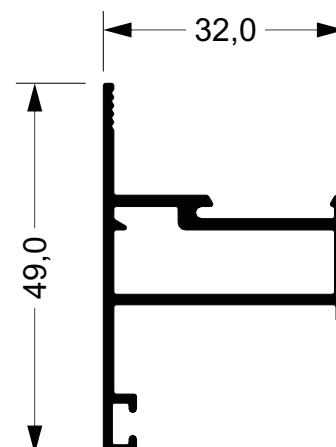
MG32-099
0,886 kg/m



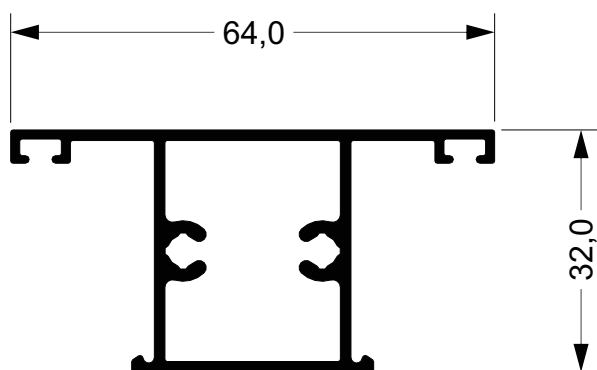
MG32-116
0,750 kg/m



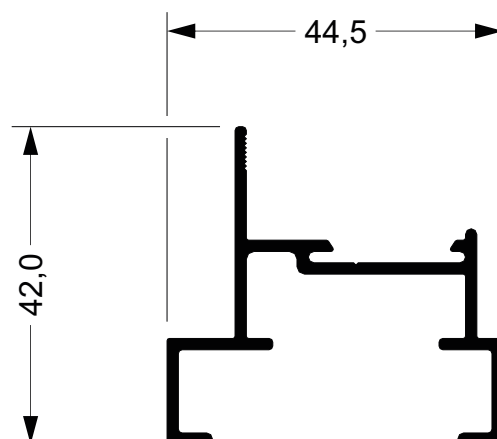
MG32-174
0,417 kg/m



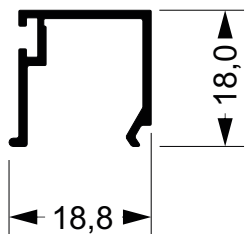
MG32-157
0,533 kg/m



MG32-158
0,756 kg/m

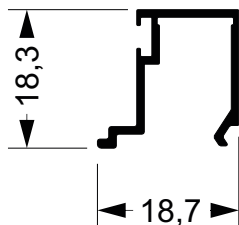


MG32-051
0,549 kg/m



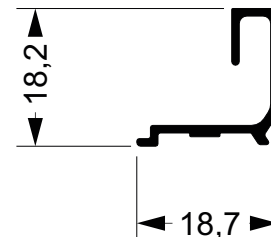
MG32-012

0,173 kg/m



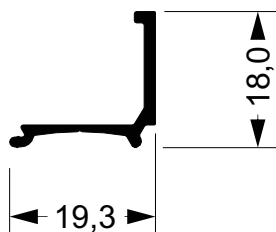
MG32-025

0,156 kg/m



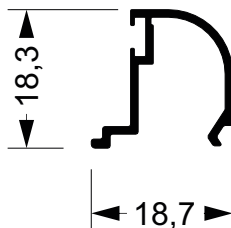
MG32-114

0,143 kg/m



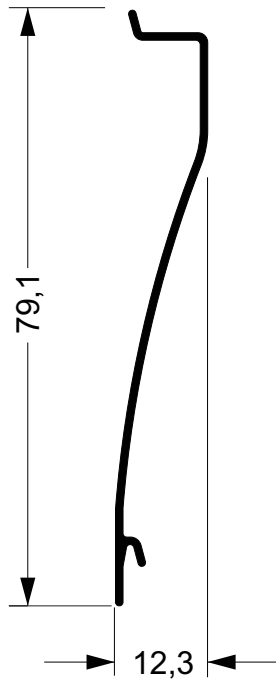
MG32-115

0,135 kg/m

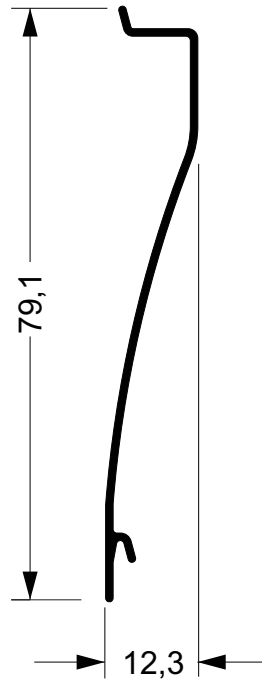


MG32-057

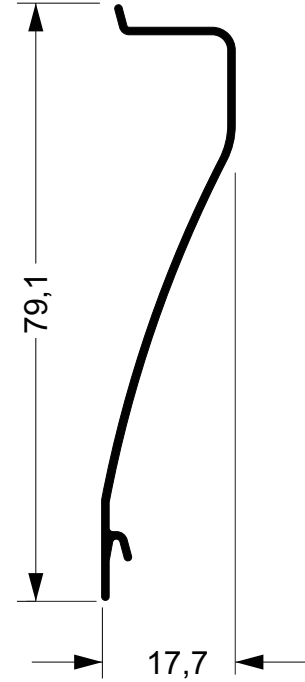
0,147 kg/m



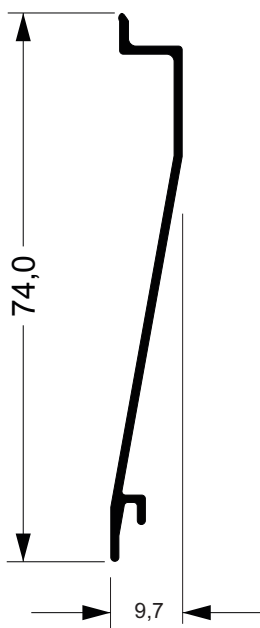
VA-012
0,255 kg/m



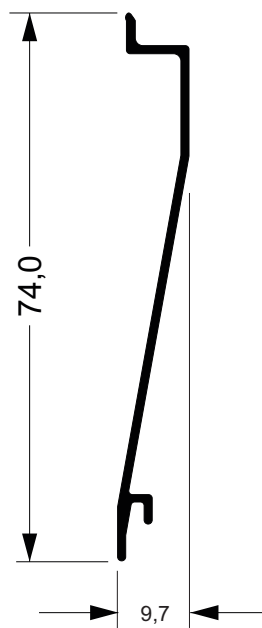
VA-012F
0,253 kg/m



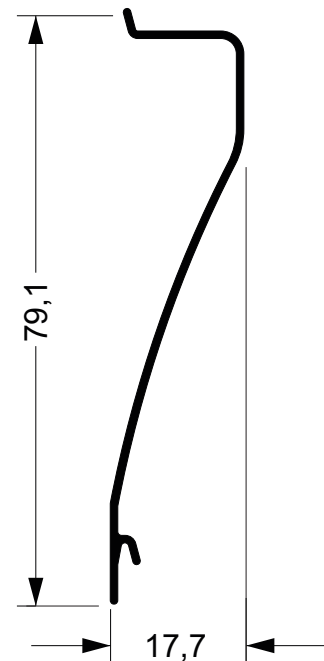
VA-017
0,274 kg/m



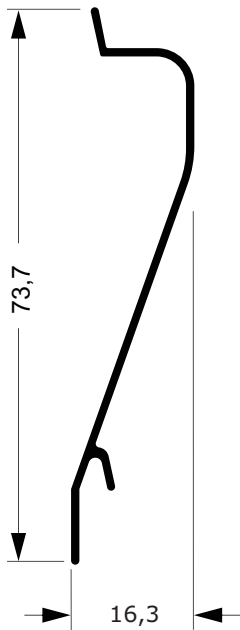
VA-024
0,271 kg/m



VA-024F
0,271 kg/m

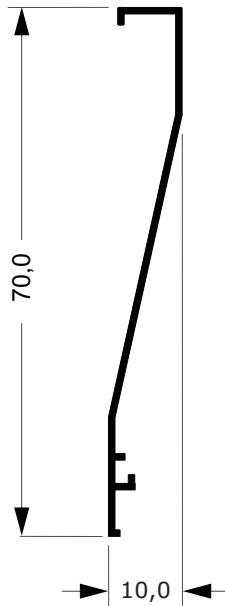


VA-017F
0,274 kg/m



39-463

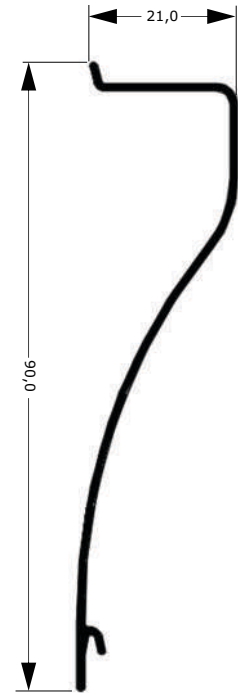
0,266 Kg/m



Z-163

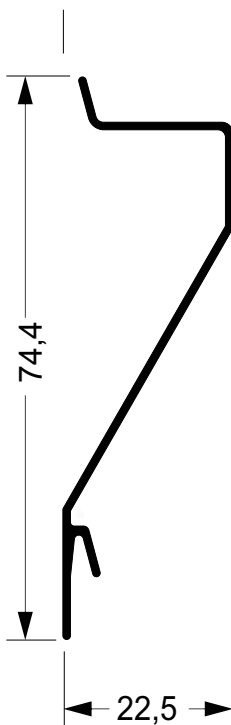
0,255 Kg/m

(VZ-004)



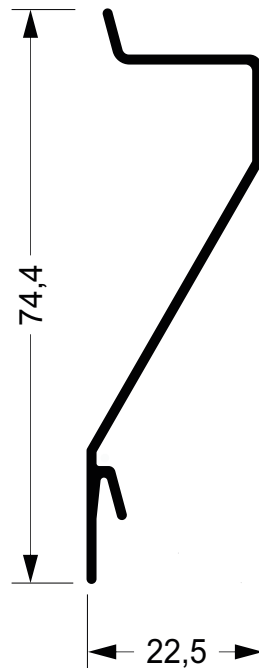
19-1094C

0,321 Kg/m



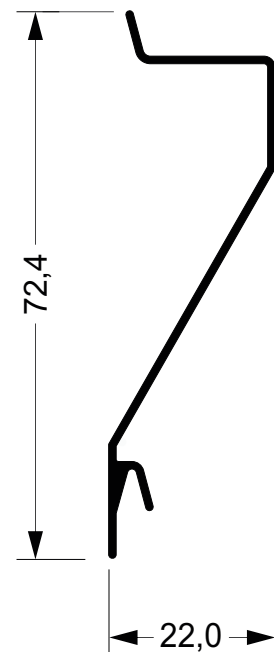
19-920C

0,291 kg/m



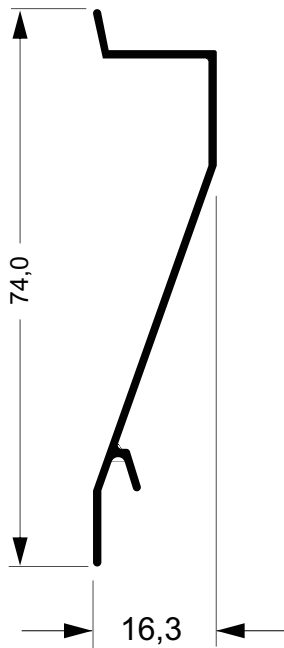
VA-203

0,329 kg/m



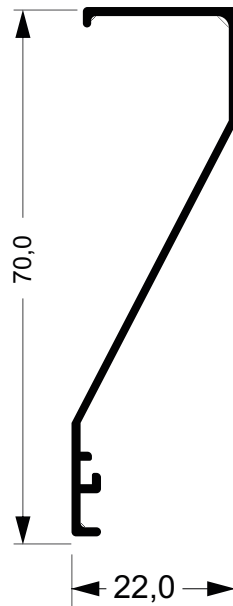
VA-203A

0,292 kg/m



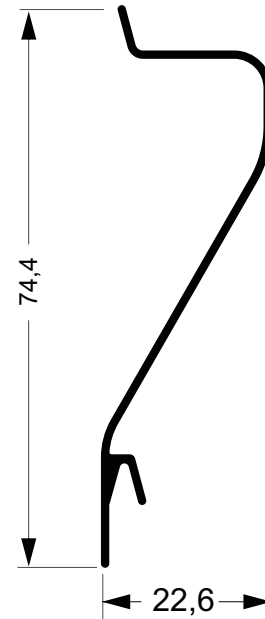
VZ-023

0,293 Kg/m



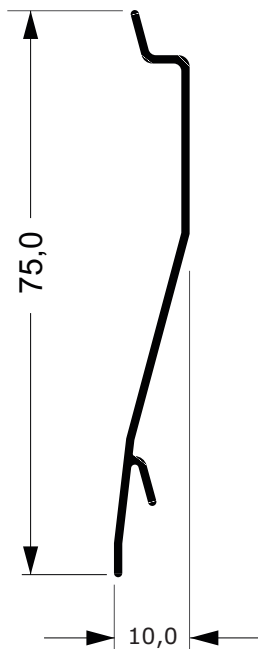
Z-148

0,338 Kg/m



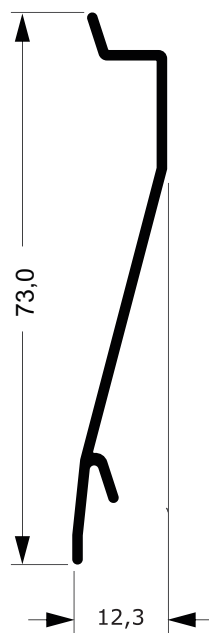
39-528

0,323 Kg/m



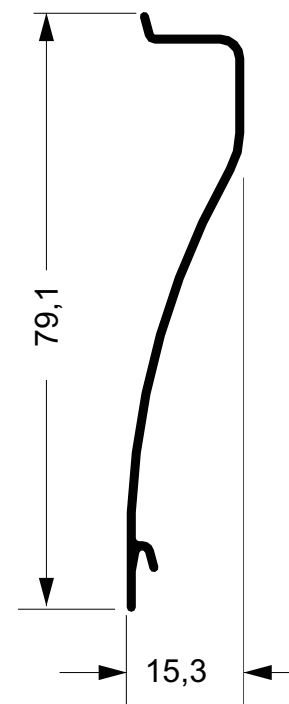
VA-201

0,263 kg/m



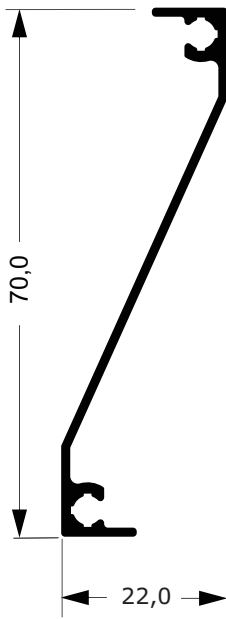
Z-284

0,265 Kg/m

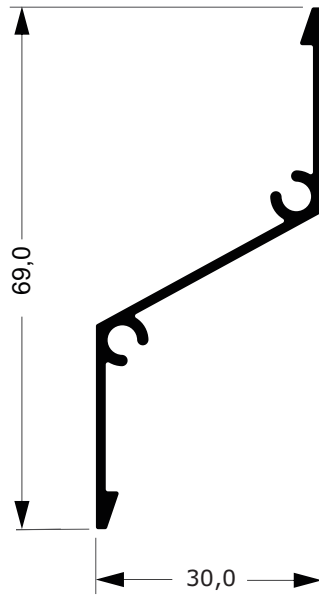


VA-015

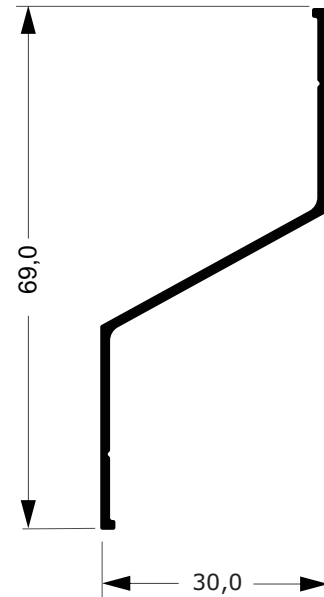
0,265 kg/m



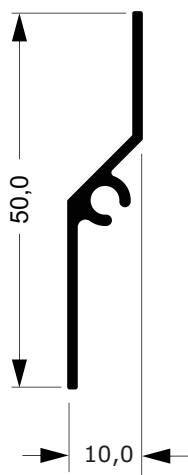
Z-194
0,368 Kg/m



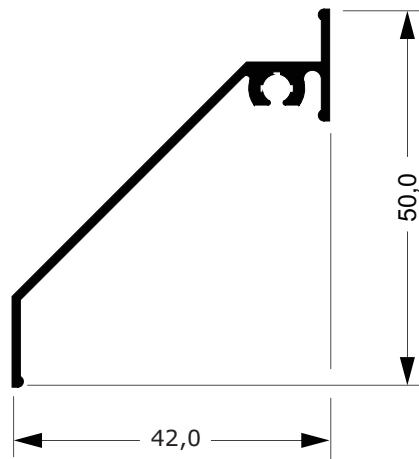
VZ-060
0,397 Kg/m



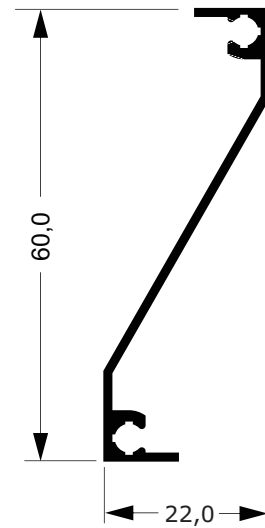
29-202
0,309 Kg/m



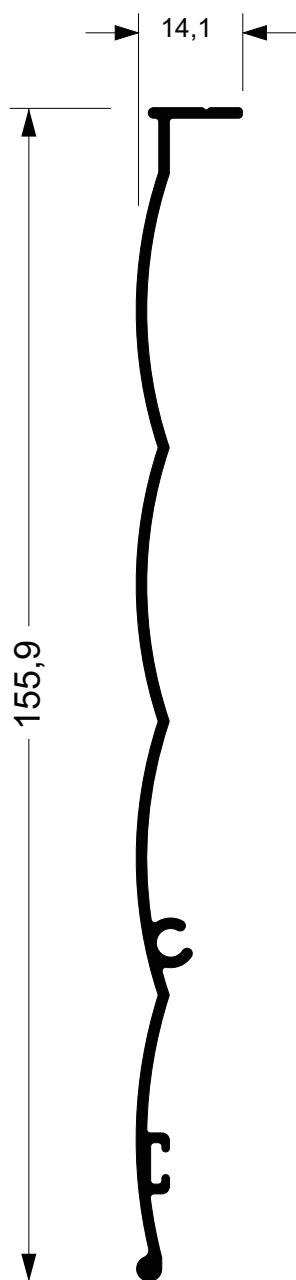
19-552
0,252 Kg/m



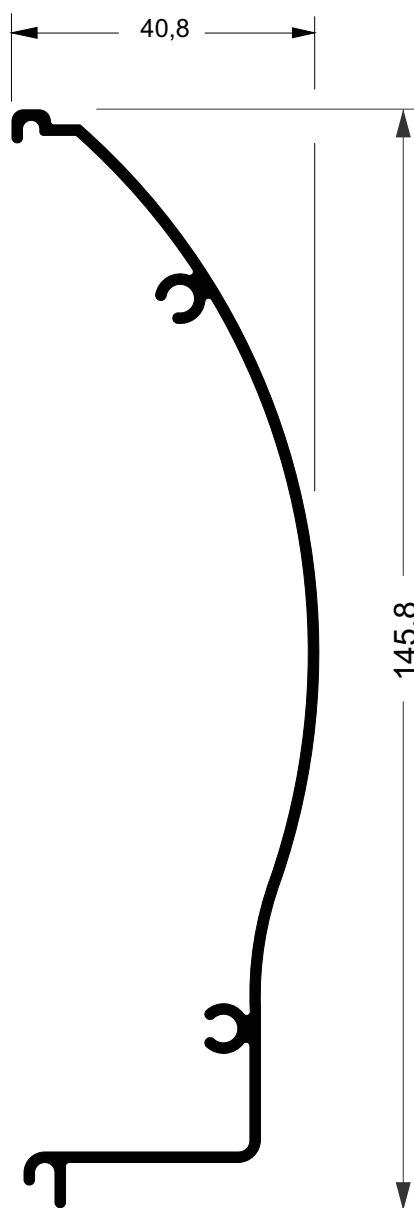
Z-248
0,295 Kg/m



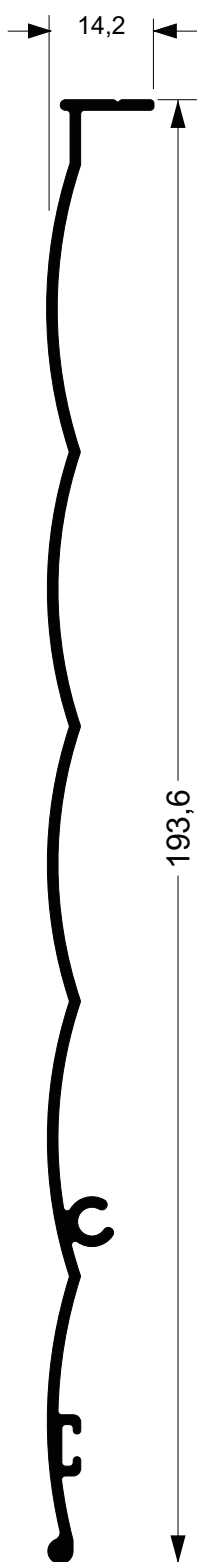
Z-073
0,326 Kg/m



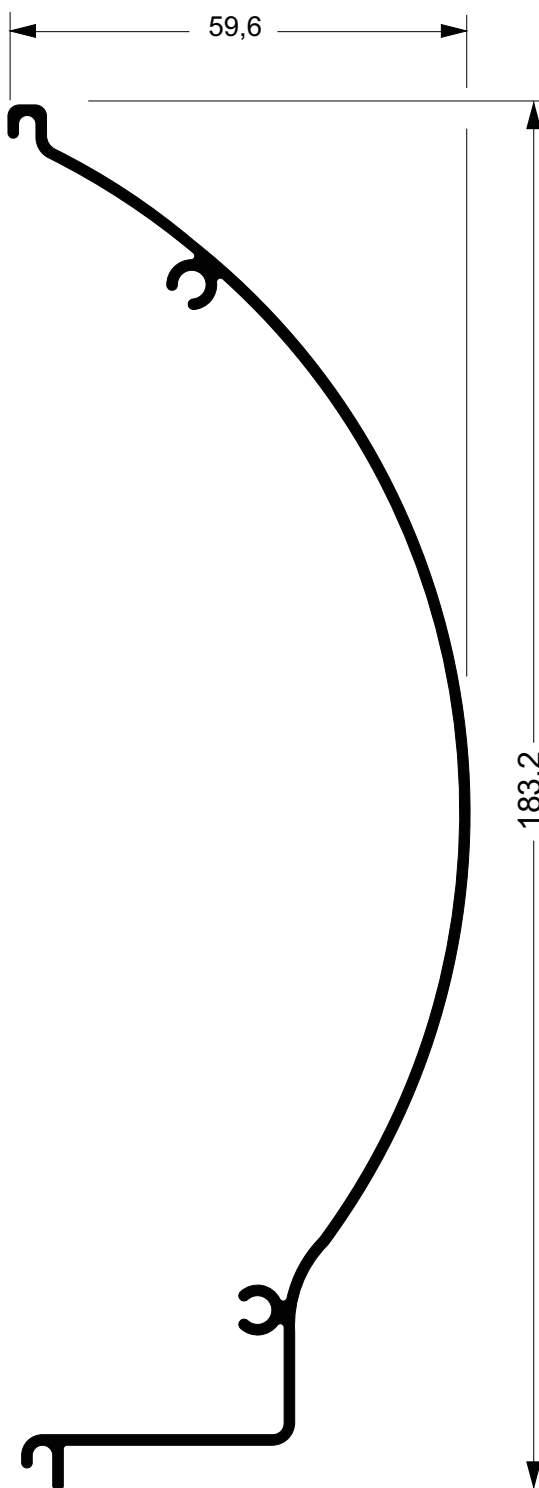
MG25-516
0,724 kg/m



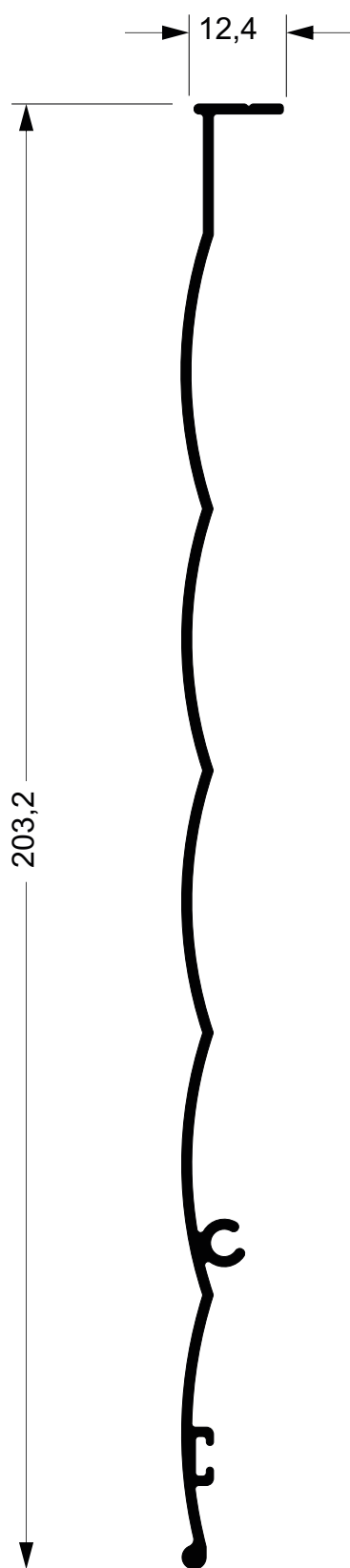
MG25-515
0,857kg/m



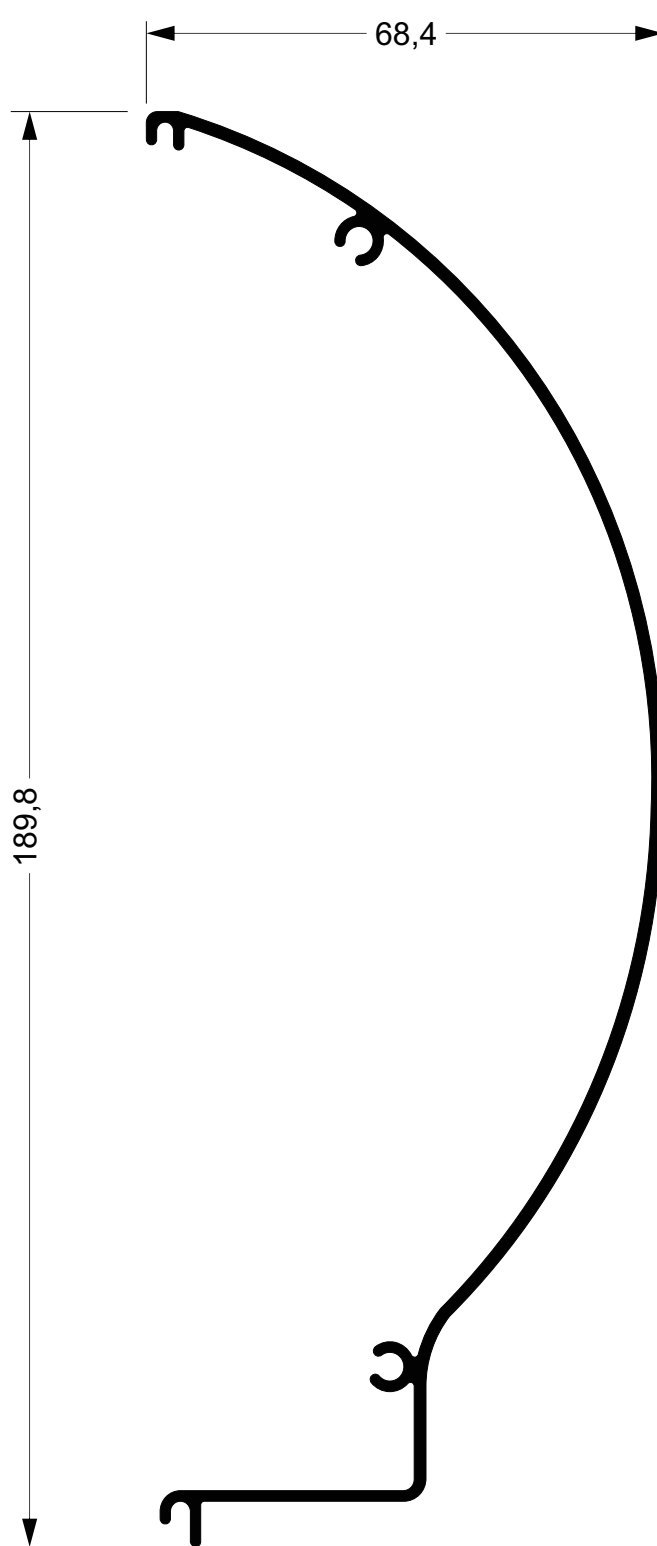
MG25-518
0,885 kg/m



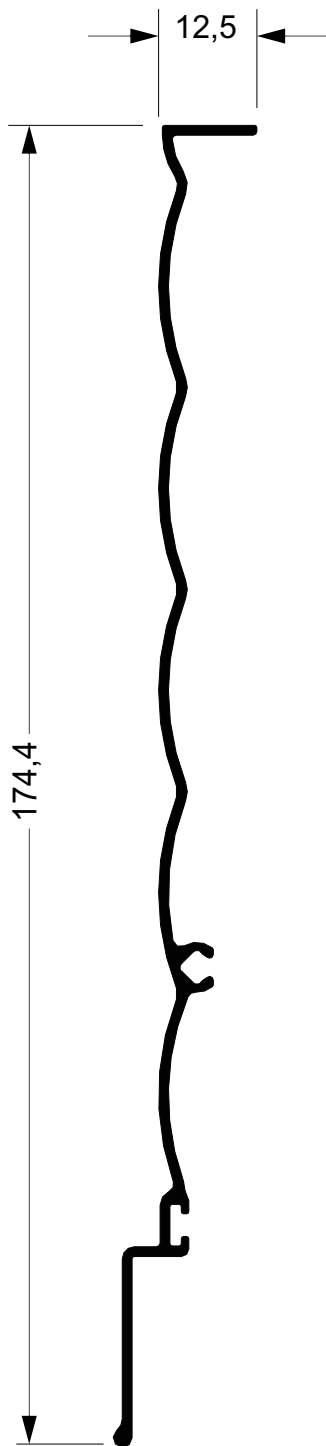
MG25-517
1,062 kg/m



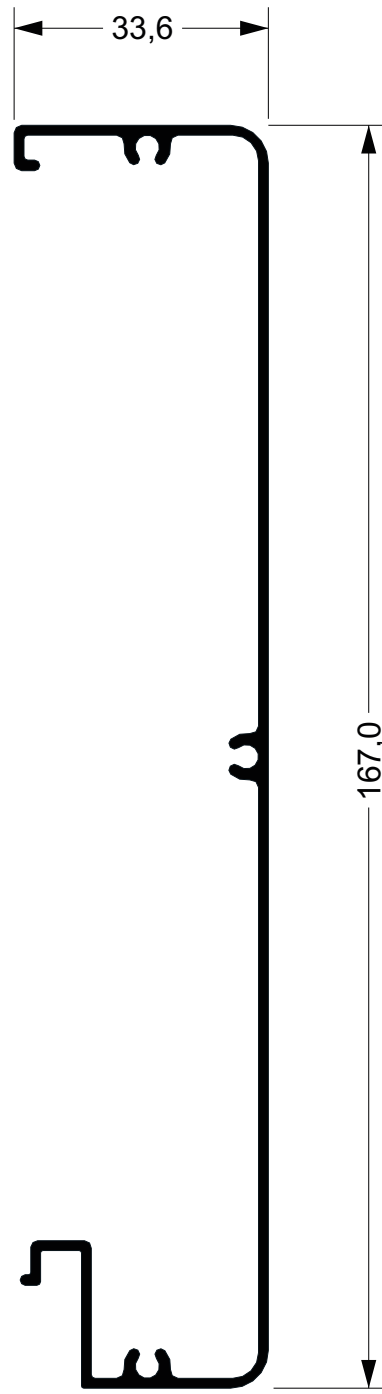
MG32-109
0,922 kg/m



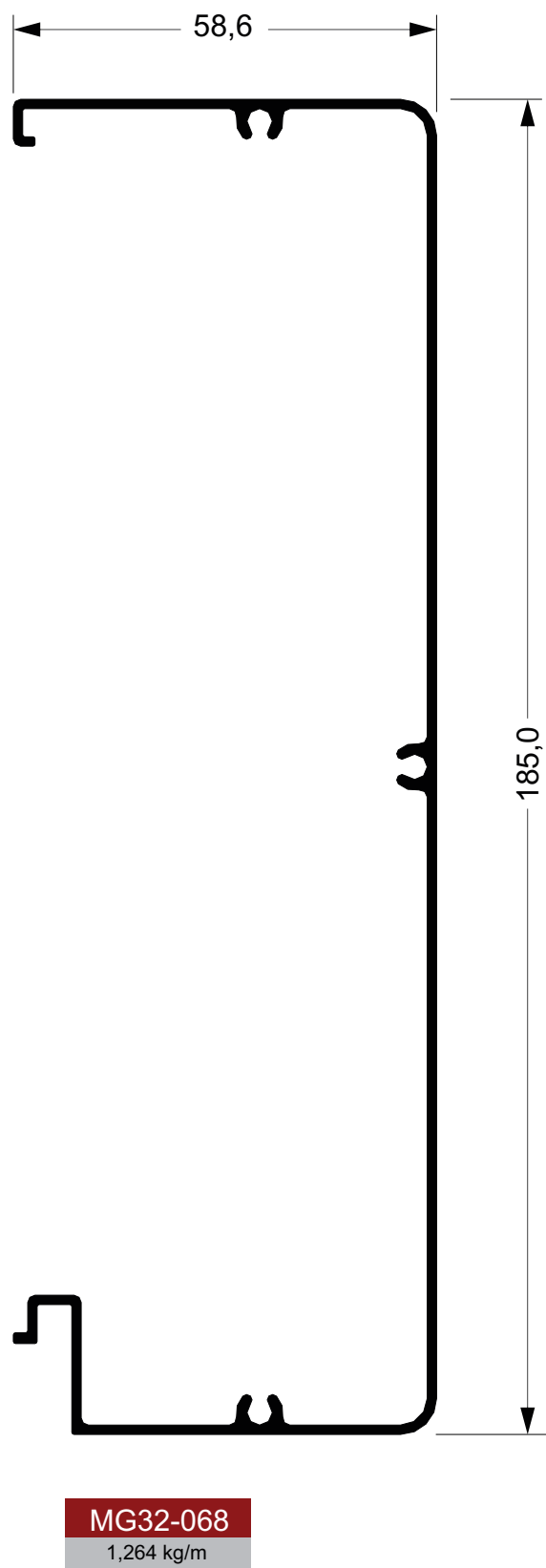
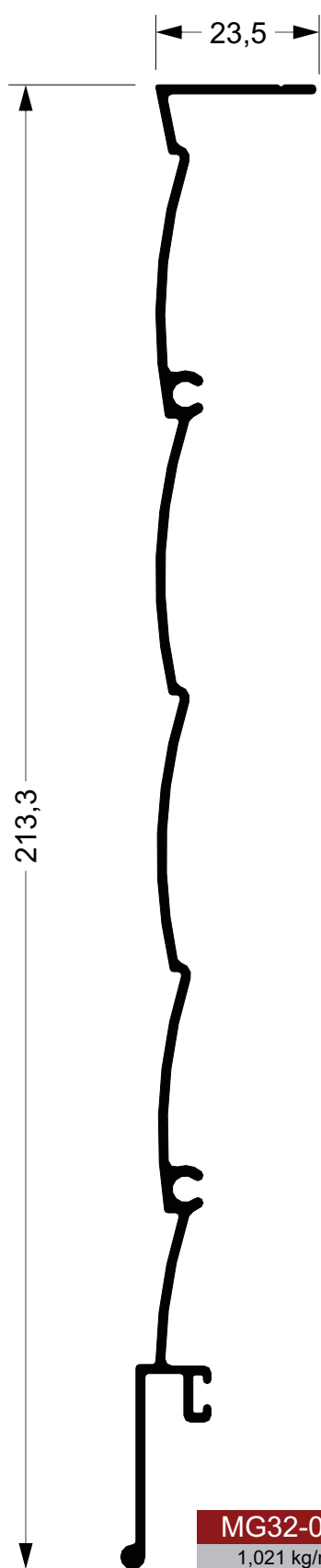
MG32-110
1,274 kg/m

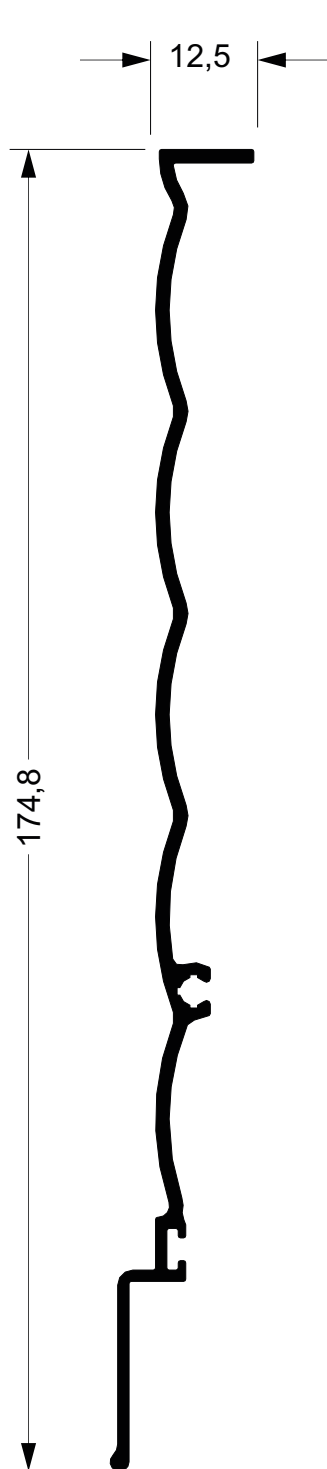


MG25-710
0,753 kg/m

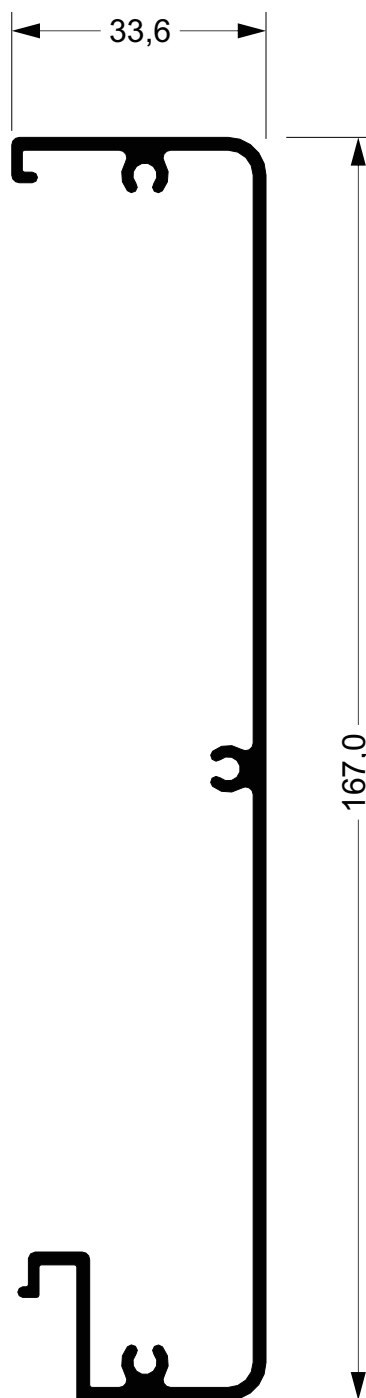


MG25-690
1,006 kg/m

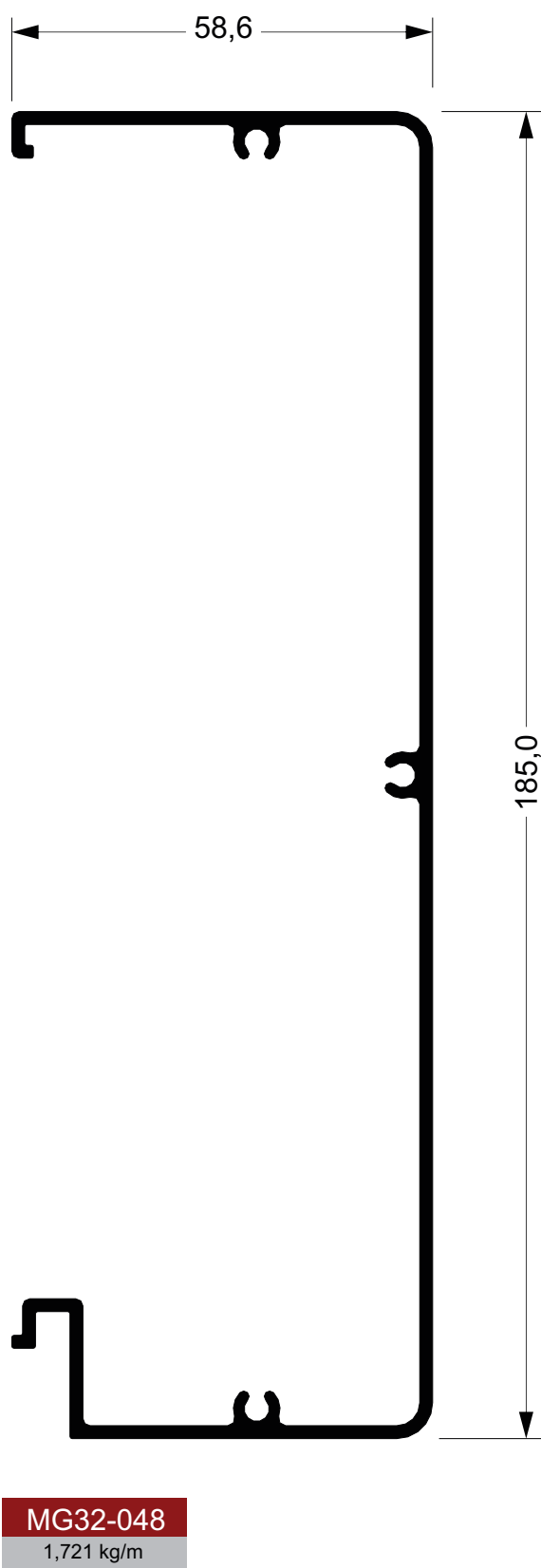
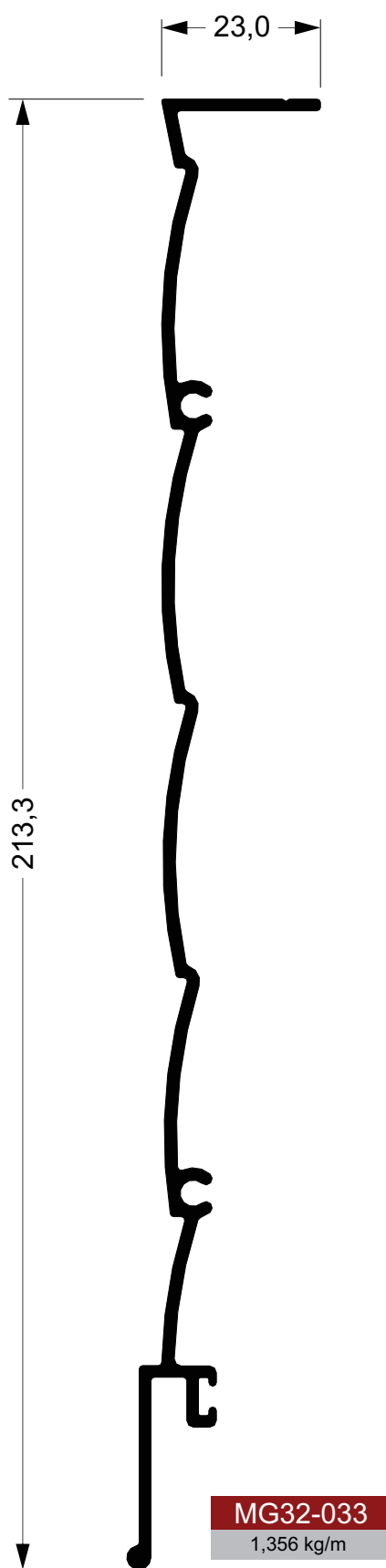


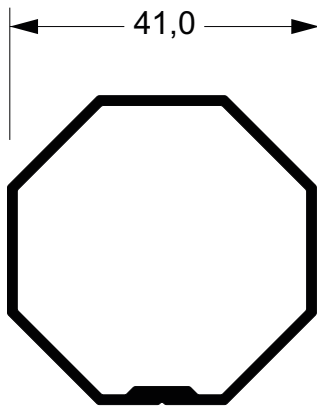


MG25-360
0,984 kg/m



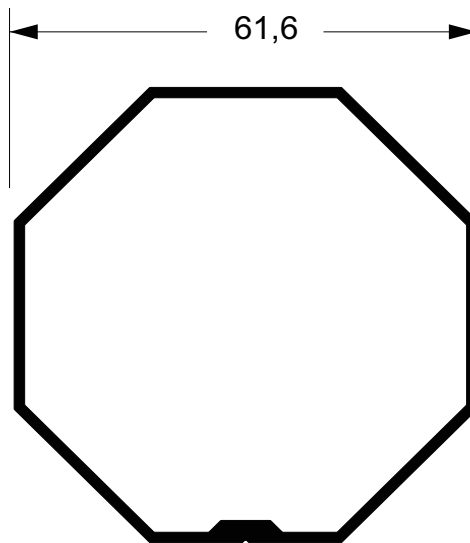
MG25-450
1,332 kg/m





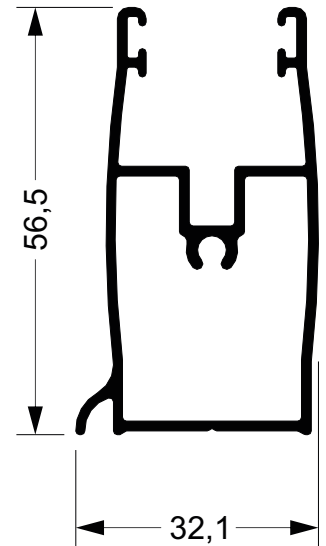
MG32-063

0,489 kg/m



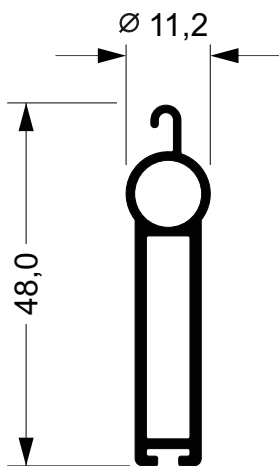
MG32-032

0,792 kg/m



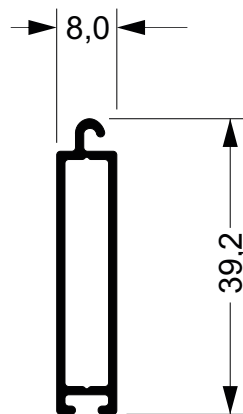
MG25-514

0,741 kg/m



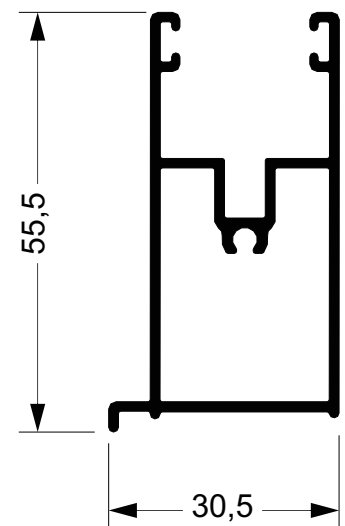
MG32-046

0,430 kg/m



MG32-062

0,270 kg/m



MG32-044

0,719 kg/m

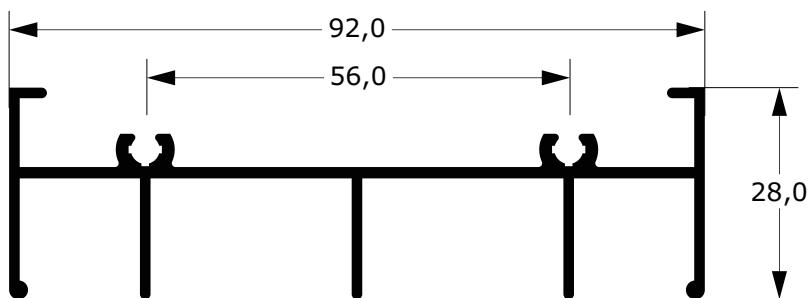
SISTEMAS CONVENCIONAIS

PRÁTICA (AP)

LINHA 25

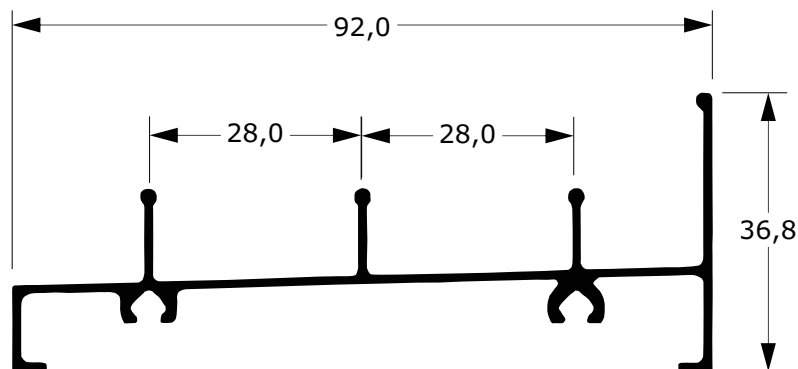
LINHA 30

LINHA 42



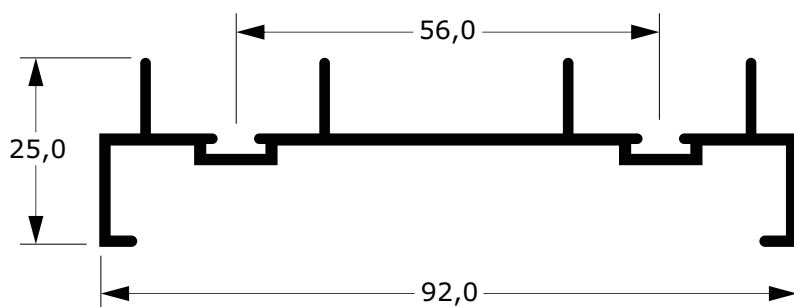
AP-366

0,897 Kg/m



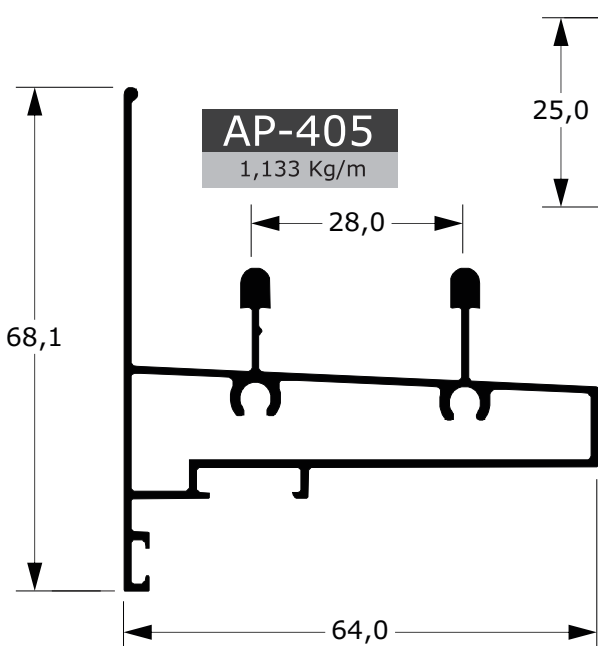
AP-367

0,823 Kg/m



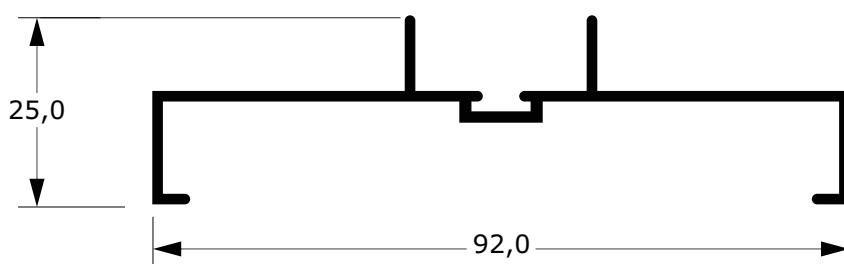
AP-368

0,746 Kg/m



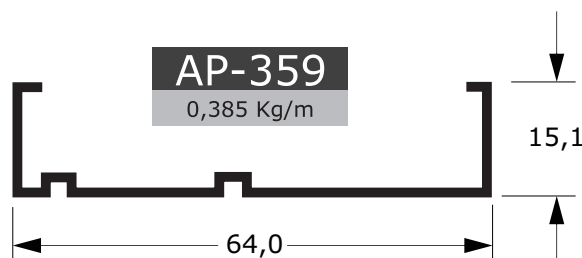
AP-405

1,133 Kg/m



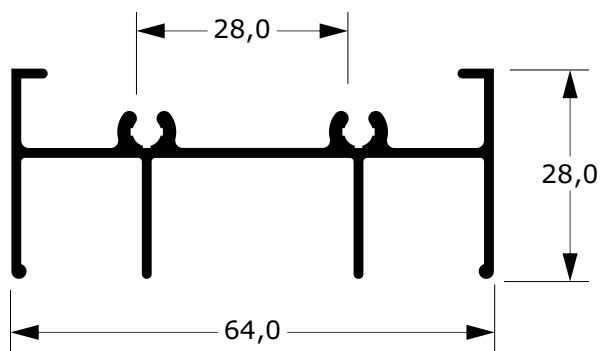
AP-369

0,590 Kg/m



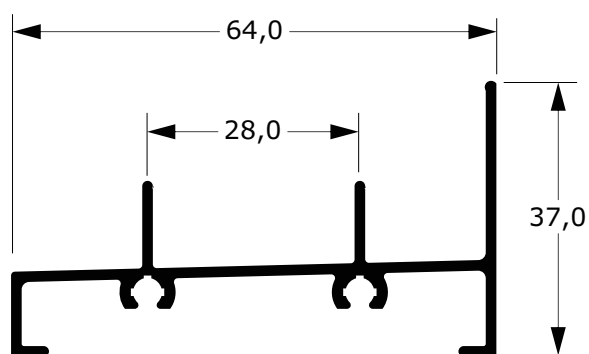
AP-359

0,385 Kg/m



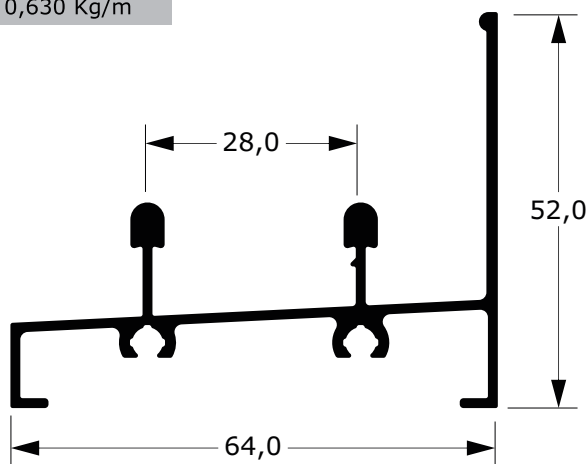
AP-357

0,652 Kg/m



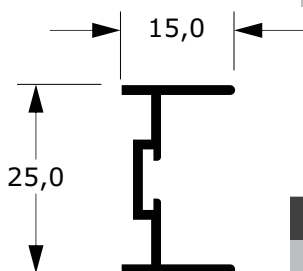
AP-358

0,630 Kg/m



AP-404

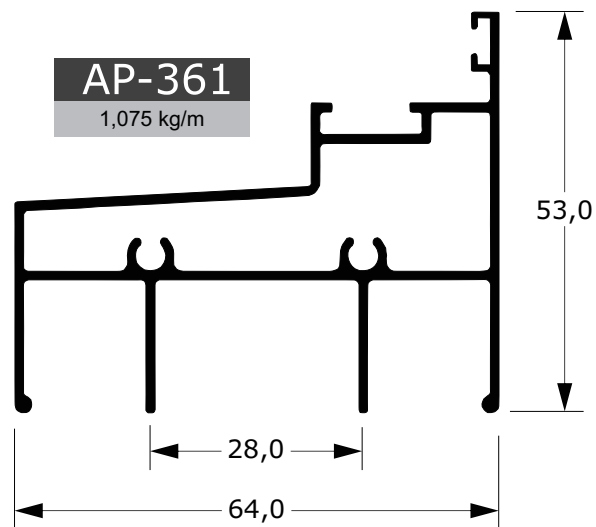
0,795 Kg/m



AP-352

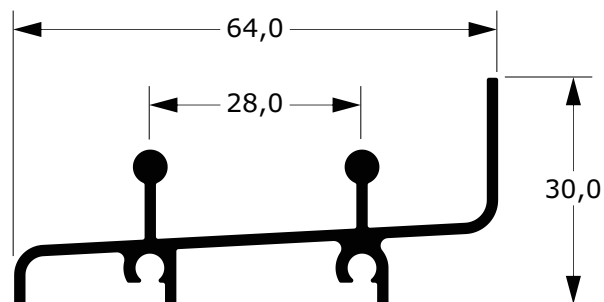
0,208 Kg/m

(39-123)



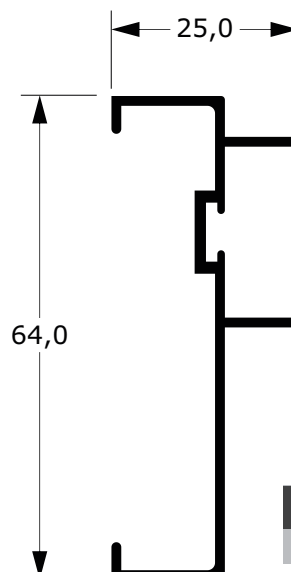
AP-361

1,075 kg/m



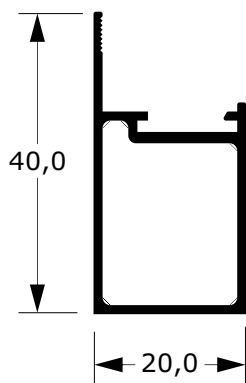
AP-370

0,633 Kg/m

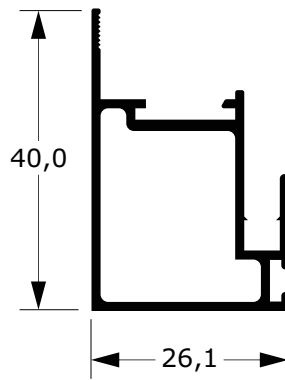


AP-360

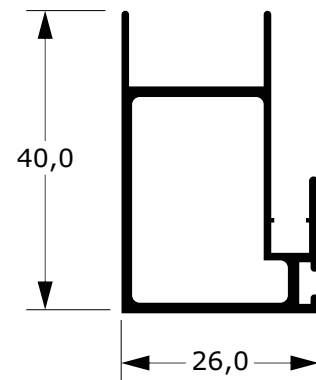
0,453 Kg/m



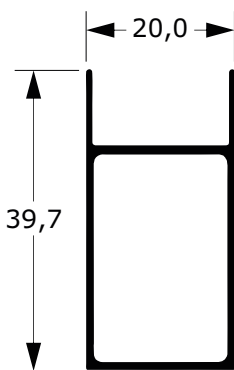
AP-300
0,367 Kg/m



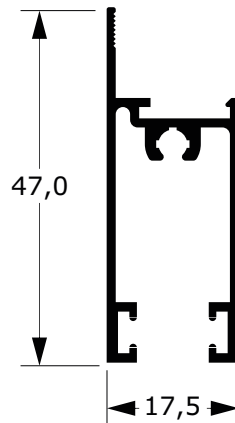
AP-302
0,451 Kg/m



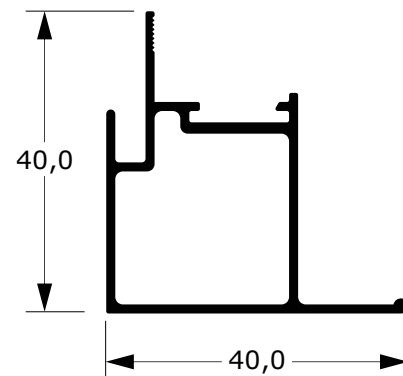
AP-303
0,474 Kg/m



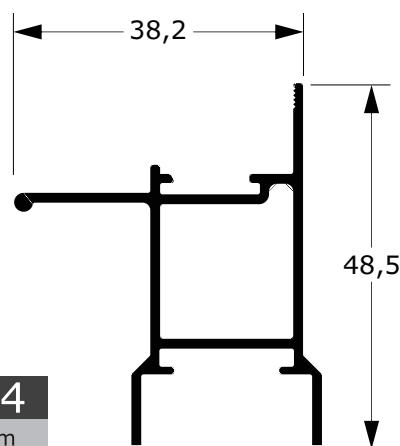
AP-305
0,371 Kg



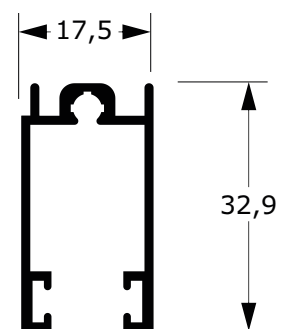
AP-309
0,438 Kg/m



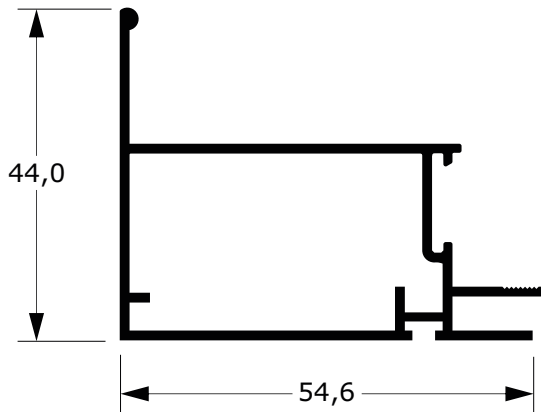
AP-321
0,479 Kg/m



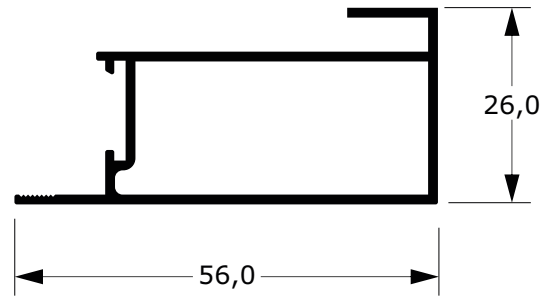
AP-374
0,539 Kg/m



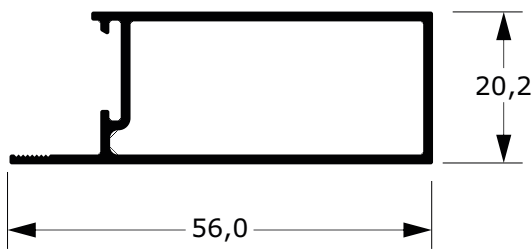
AP-378
0,367 Kg/m



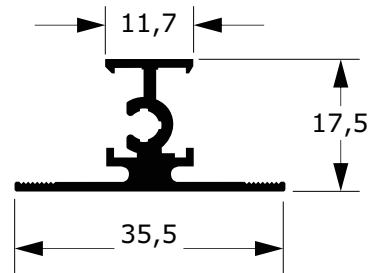
AP-069
0,681 Kg/m



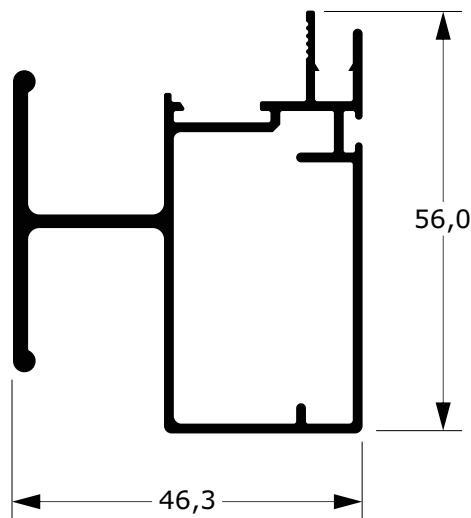
AP-070
0,551 Kg/m



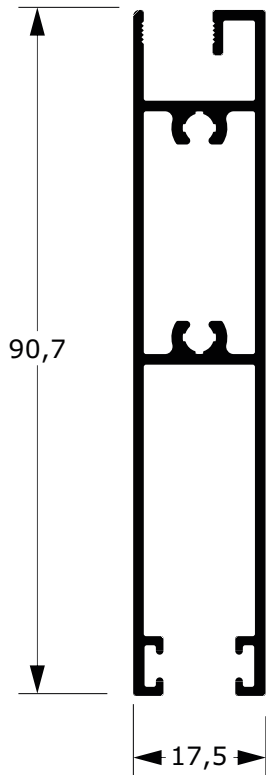
AP-336
0,497 Kg/m



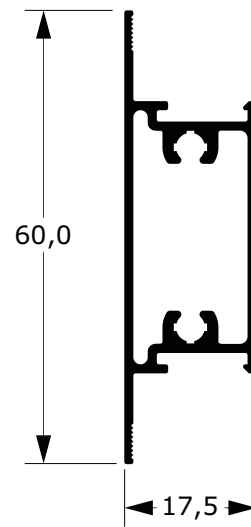
T-153
0,335 Kg/m



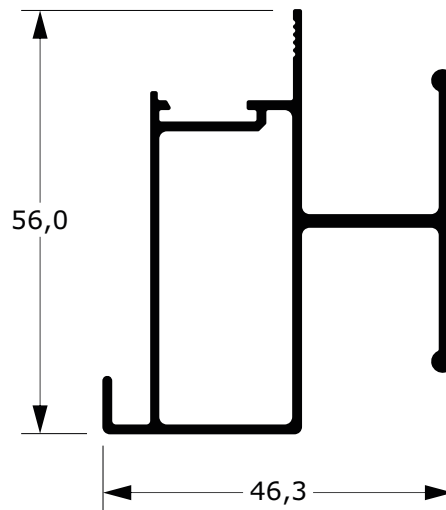
AP-379
0,929 Kg/m



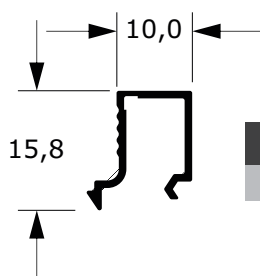
AP-354
0,983 Kg/m



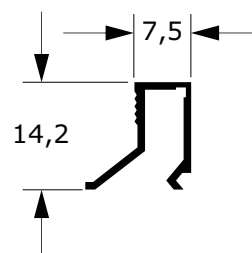
AP-332
0,536 Kg/m



AP-380
0,840 Kg/m



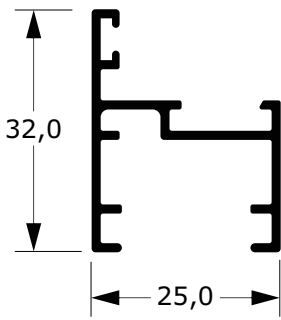
BG-035
0,119 Kg/m



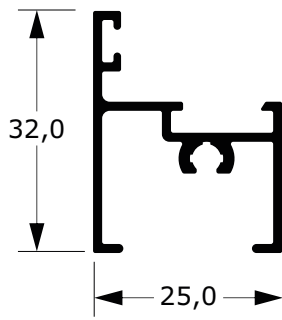
BG-202
0,107 Kg/m



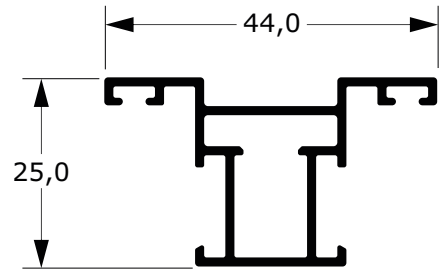
A large rectangular area with rounded corners, containing 25 horizontal lines for taking notes.



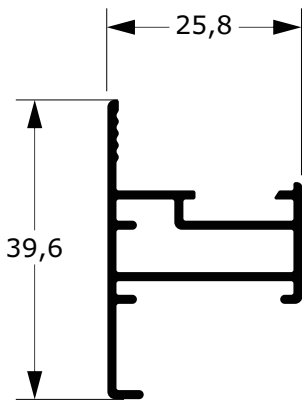
25-311
0,332 Kg/m



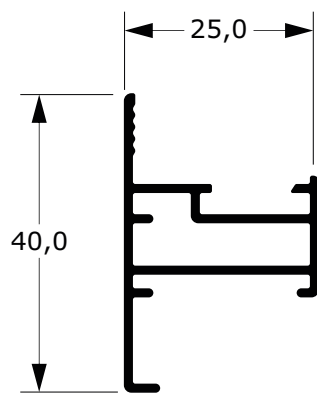
AP-312
0,351 Kg/m



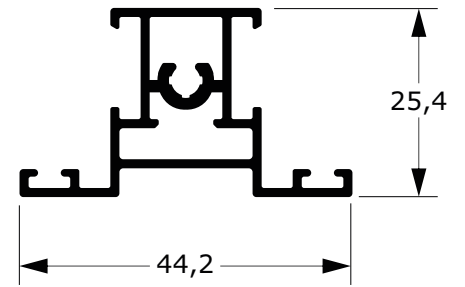
25-308
0,453 Kg/m



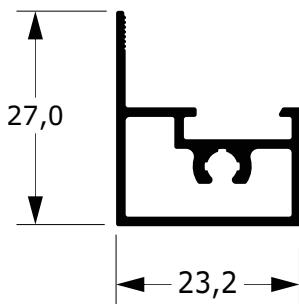
MM-375
0,394 Kg/m



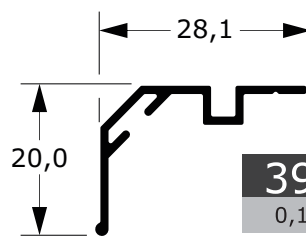
25-313
0,383 Kg/m



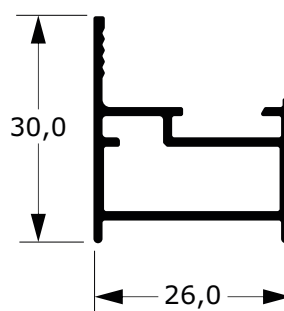
MM-376
0,590 Kg/m



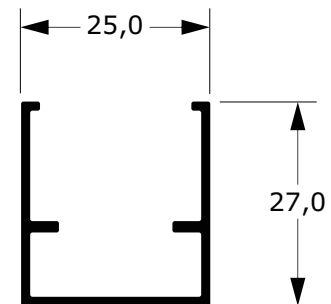
25-301
0,343 Kg/m



39-933
0,179 Kg/m
(ME-056)

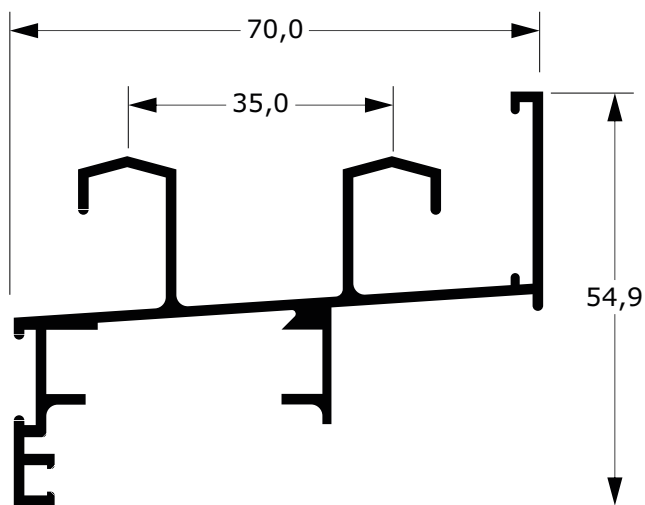


25-314
0,364 Kg/m

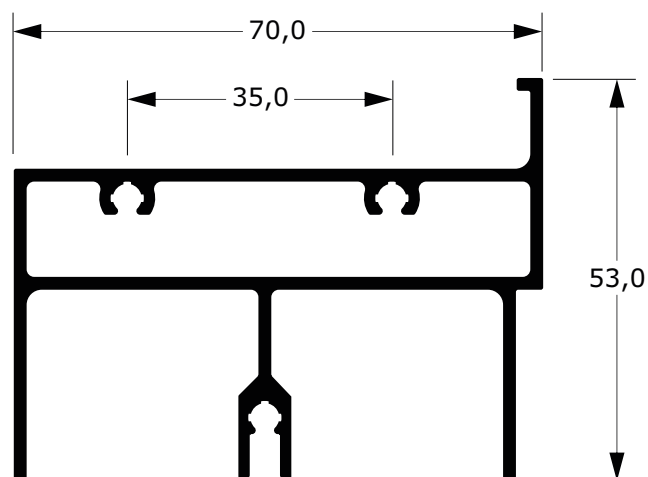


U-1233
0,288 Kg/m

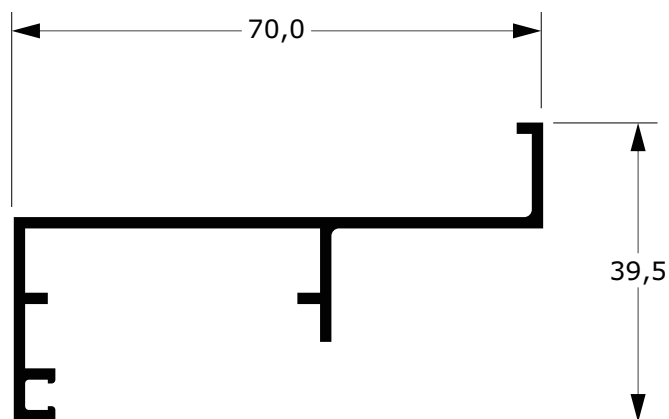
Z-172
0,940 Kg/m
(25-513)

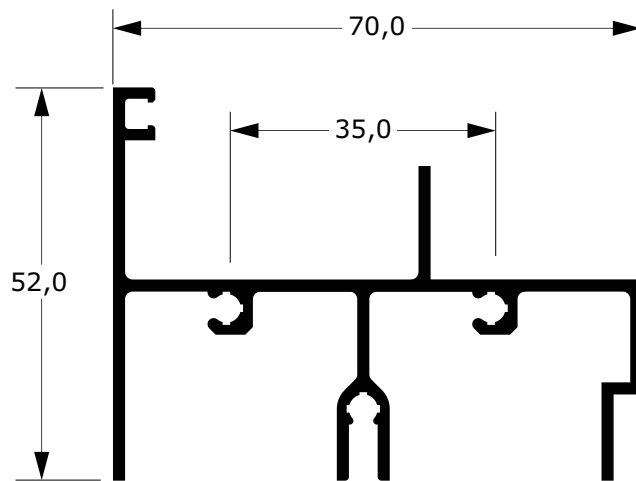


P-157
1,349 Kg/m
(25-024)



Z-114
0,568 Kg/m
(25-560)

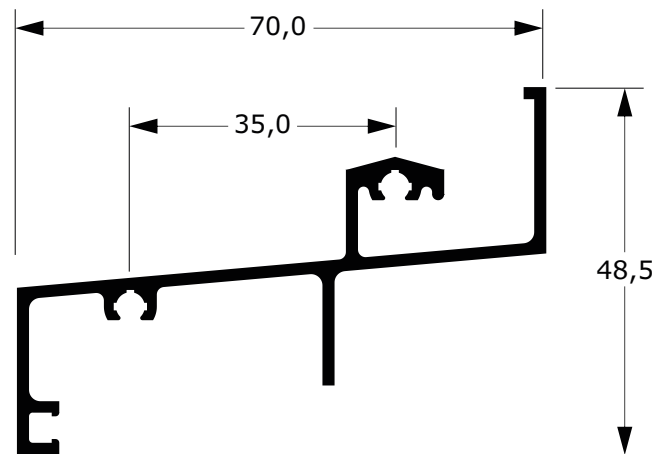




E-186

1,027 Kg/m

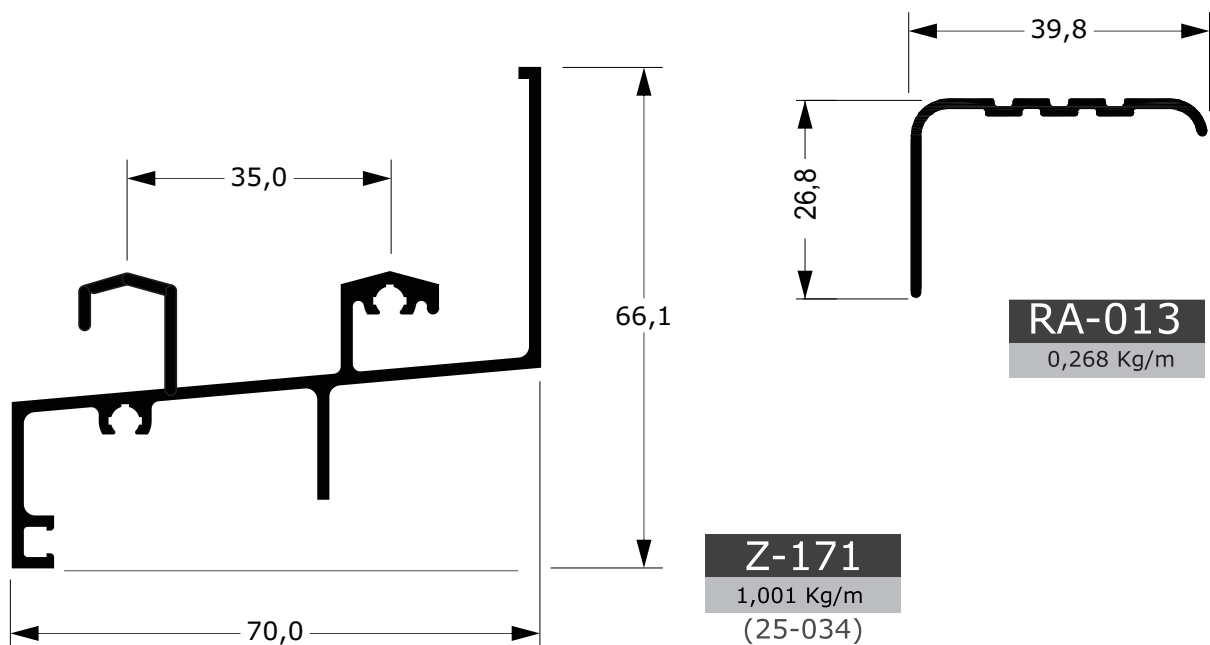
(25-010)



Z-170

0,756 Kg/m

(25-033)



Z-171

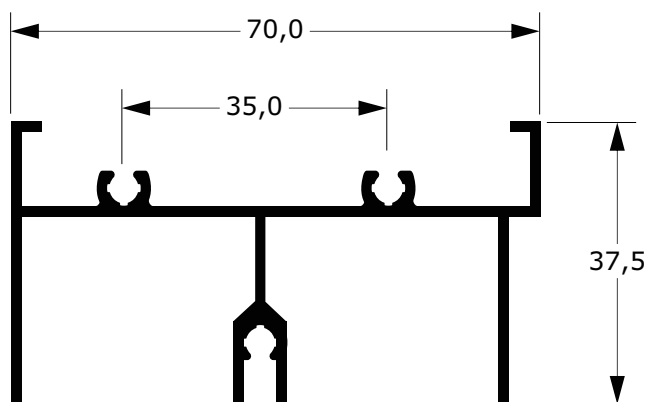
1,001 Kg/m

(25-034)

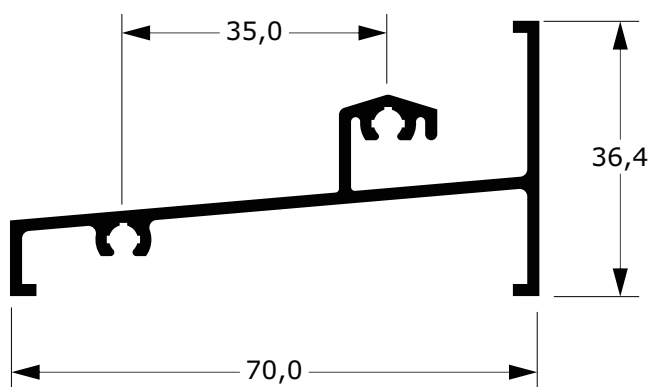
RA-013

0,268 Kg/m

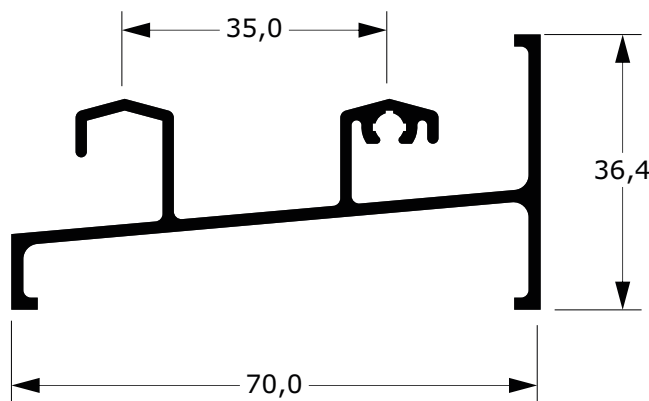
E-482
0,877 Kg/m
(E-290)

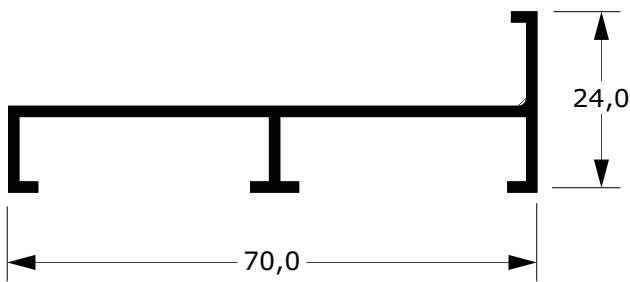


Z-174
0,716 Kg/m
(25-515)

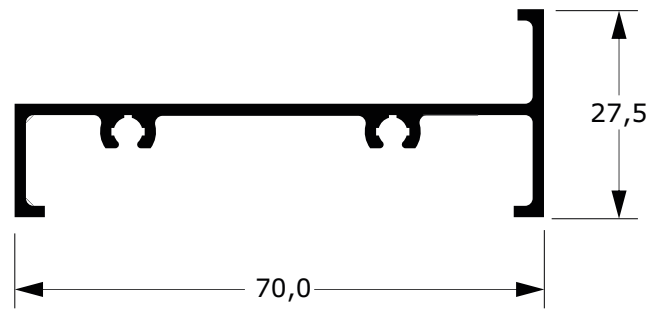


Z-176
0,848 Kg/m
(25-516)

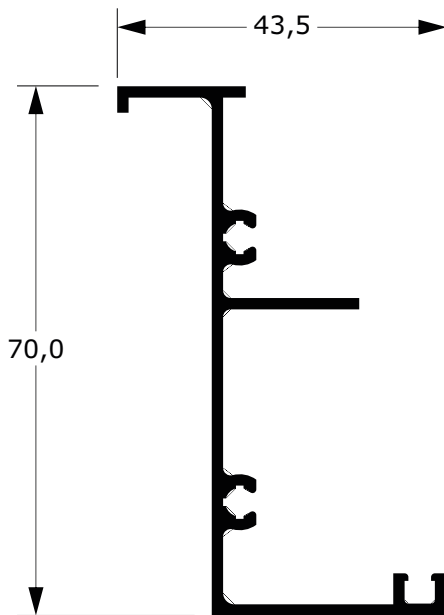




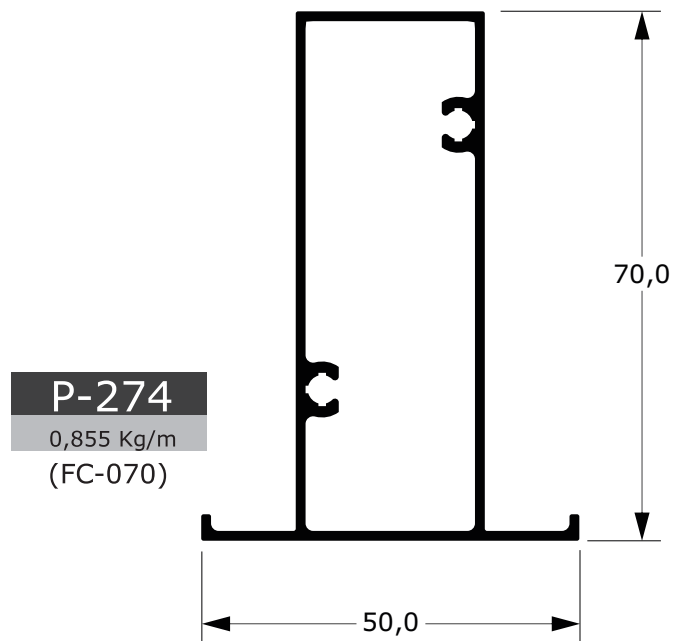
E-277
0,504 Kg/m
(25-514)



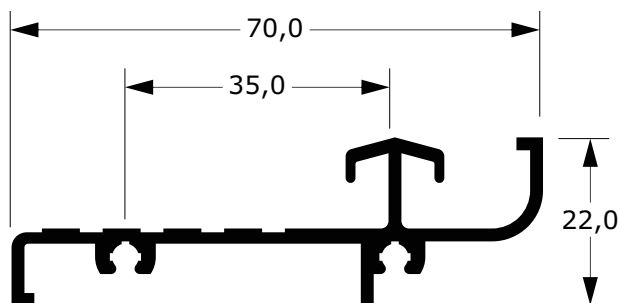
Z-175
0,572 Kg/m
(25-517)



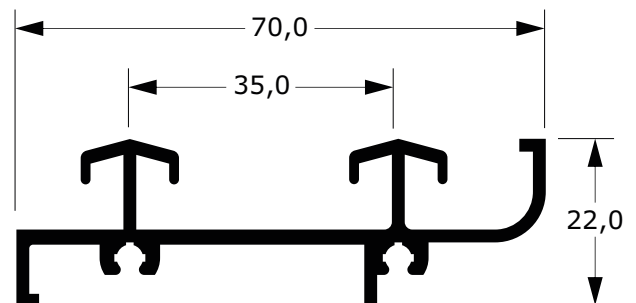
Z-115
0,690 Kg/m
(25-009)



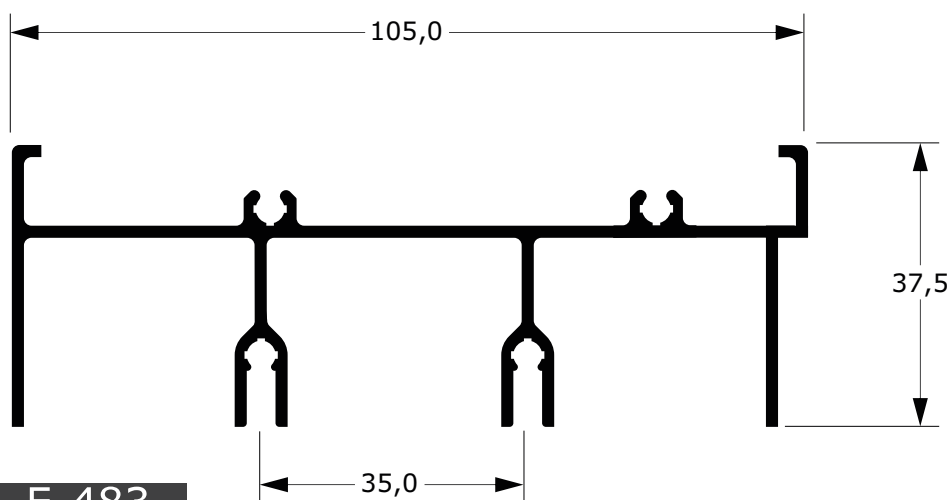
P-274
0,855 Kg/m
(FC-070)



Z-259
0,690 Kg/m

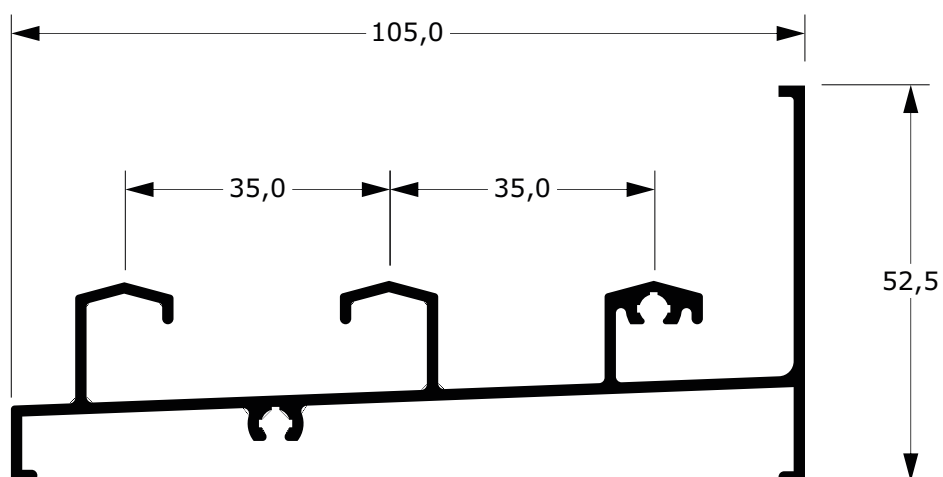


Z-267
0,753 Kg/m
(25-670)



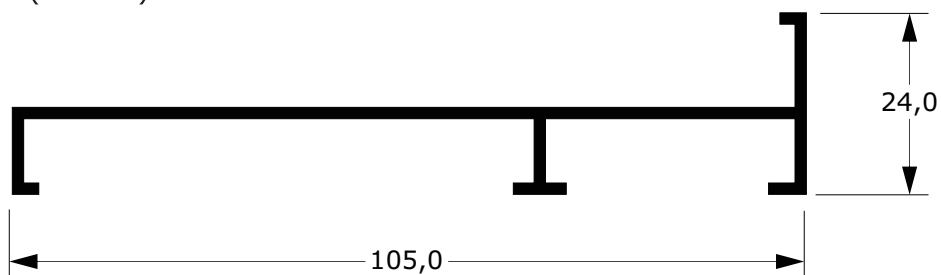
E-483

1,183 Kg/m
(25-661)



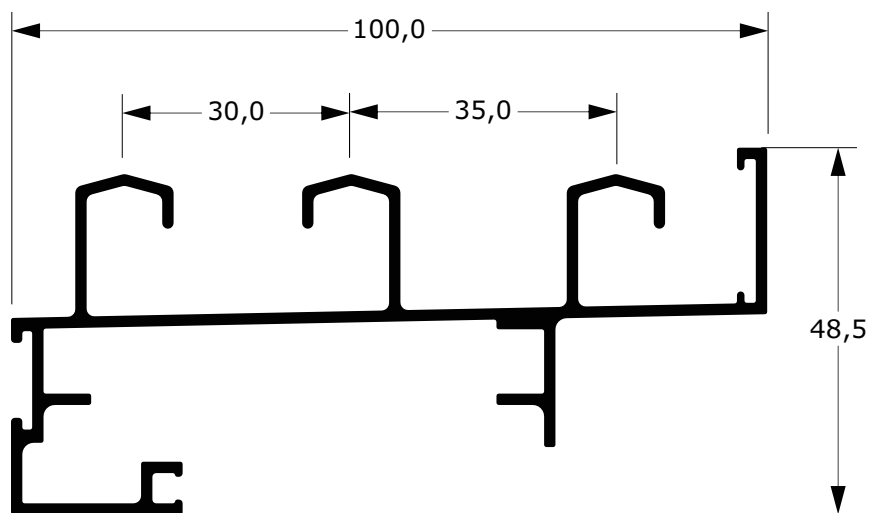
Z-258

1,115 Kg/m
(25-671)



E-484

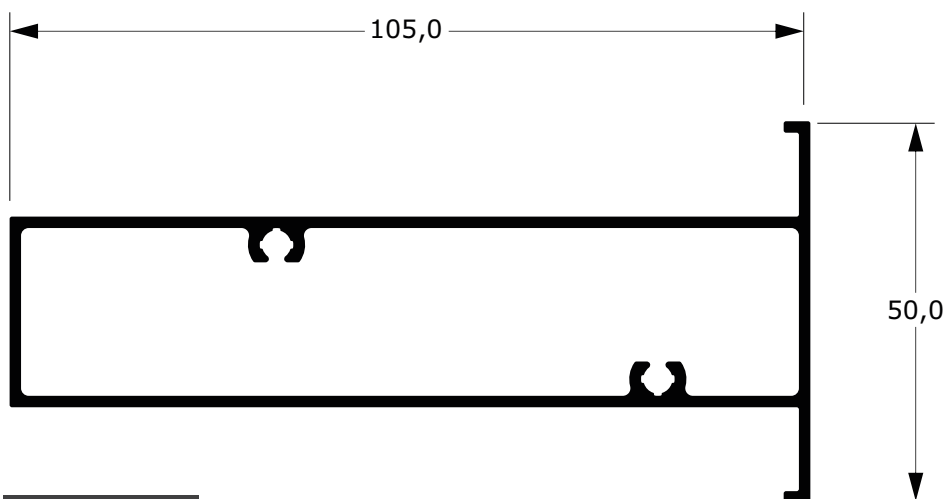
0,650 Kg/m



Z-173

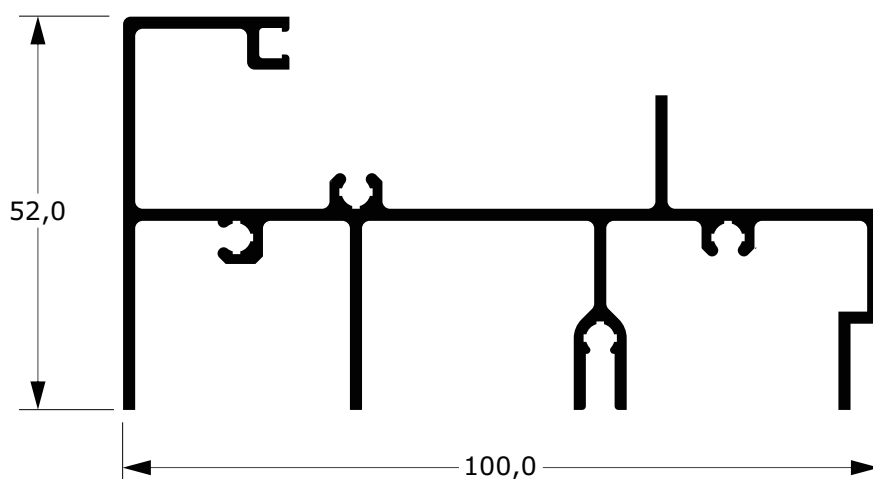
1,311 Kg/m

(25-512)

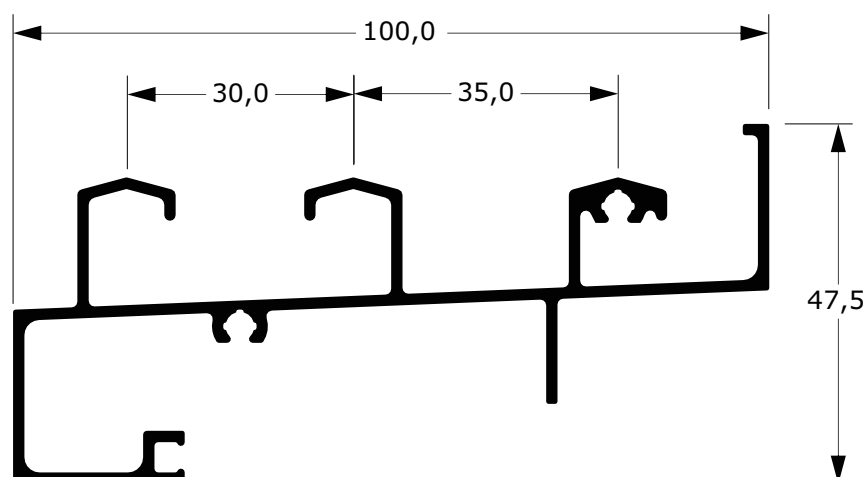


78-745

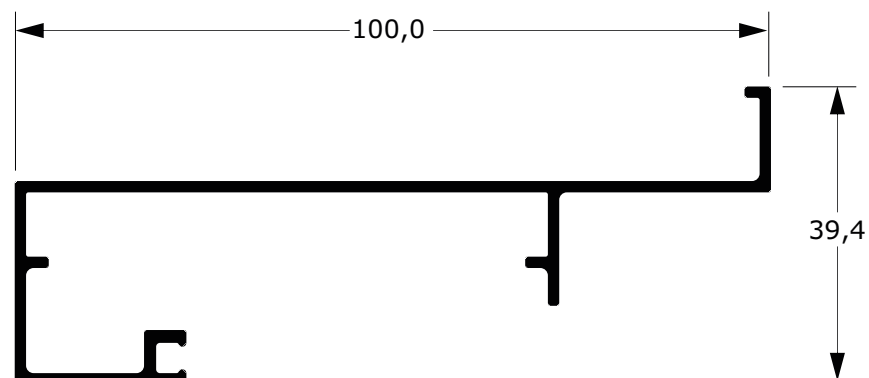
1,256 Kg/m



E-293
1,449 Kg/m (25-511)



E-276
1,225 Kg/m (25-035)

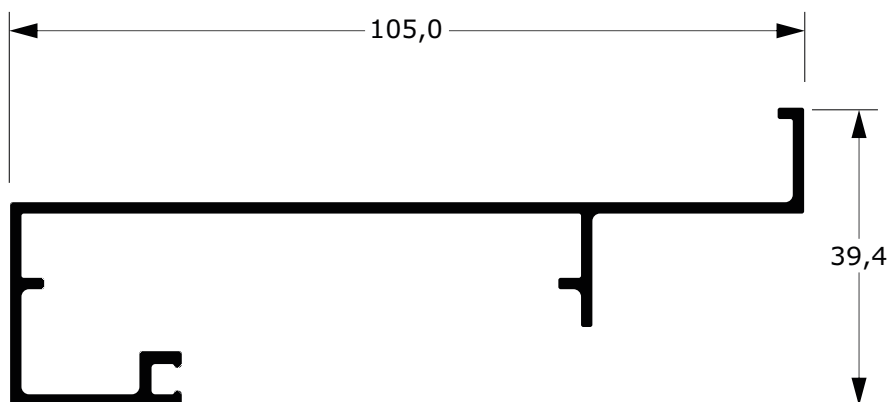


Z-192
0,789 Kg/m (25-508)

Z-254

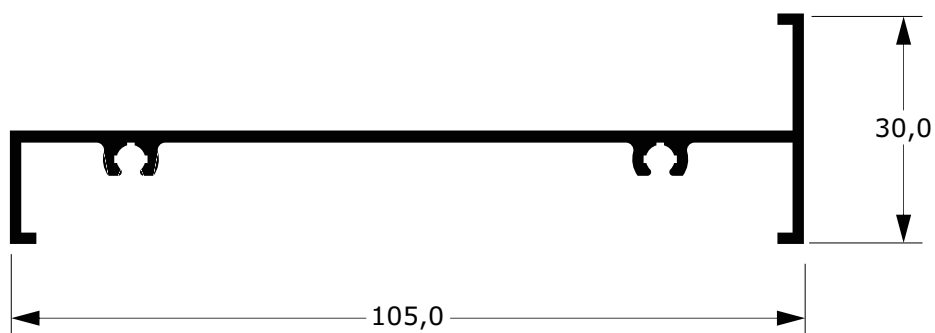
0,822 Kg/m

(25-672)



Y-260

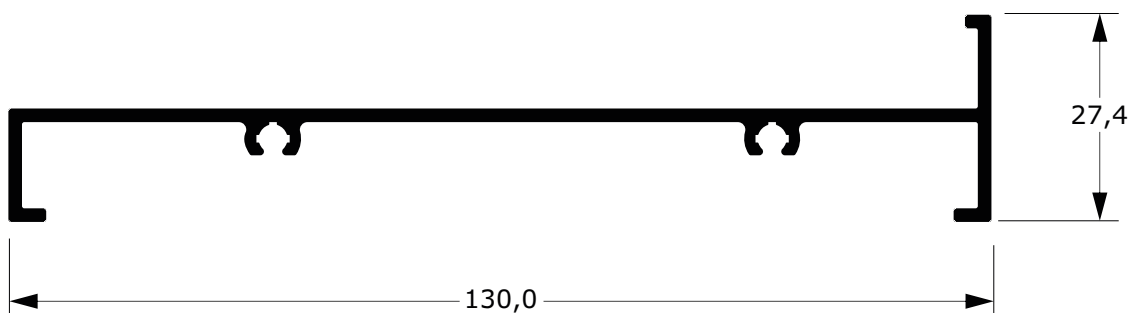
0,746 Kg/m

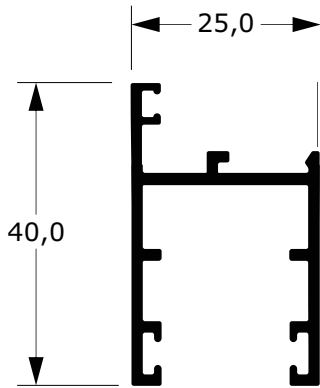


Y-350

0,965 Kg/m

(CL-016)

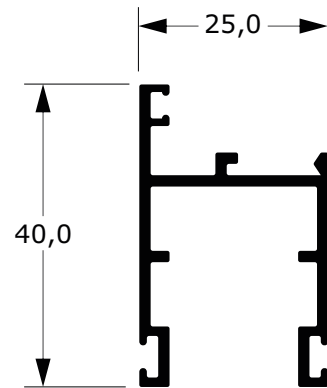




Y-195A

0,389 Kg/m

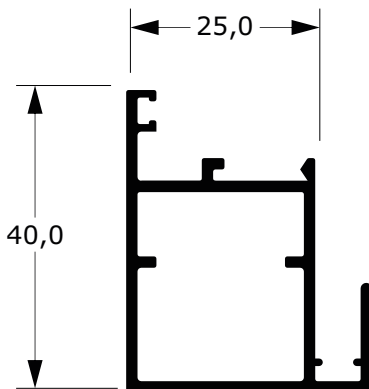
(25-565)



Y-196

0,479 Kg/m

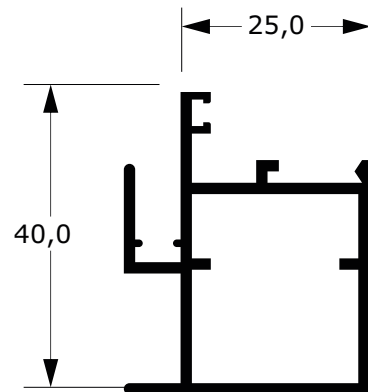
(25-500)



P-151 A

0,497 Kg/m

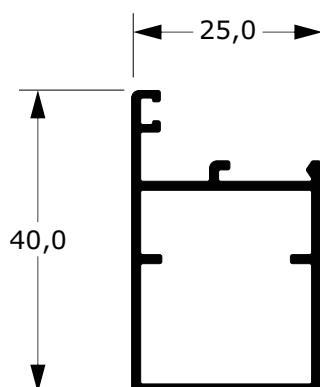
(25-568)



P-152 A

0,522 Kg/m

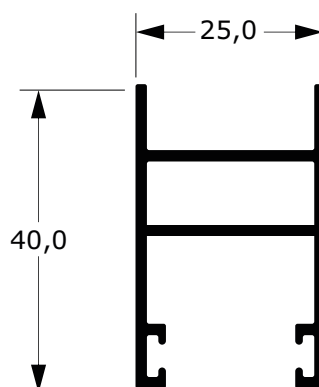
(25-569)



P-140A

0,426 Kg/m

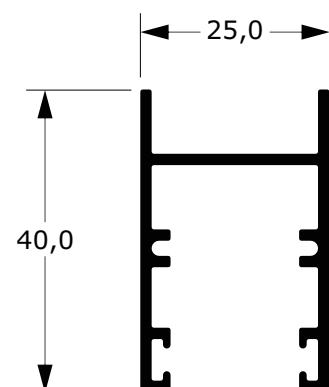
(25-570)



A-097

0,558 Kg/m

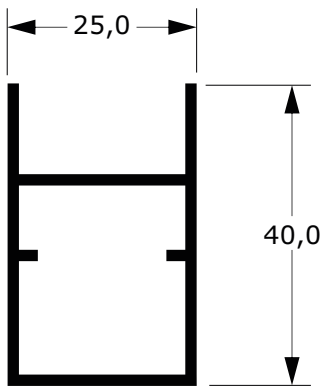
(25-031)



I-122

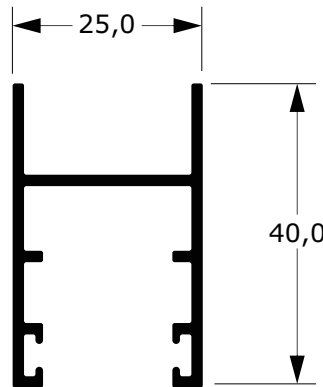
0,508 Kg/m

(25-019)



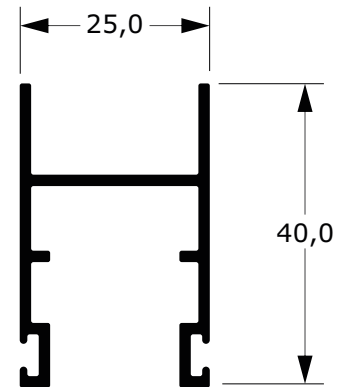
A-201

0,524 Kg/m



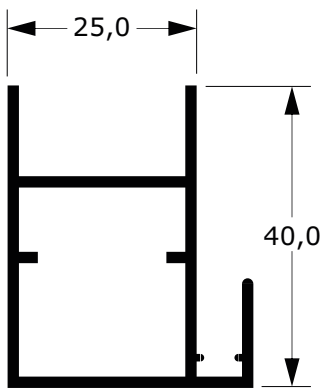
I-307

0,488 Kg/m



I-308

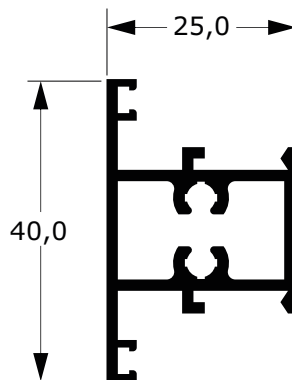
0,488 Kg/m



A-202

0,609 Kg/m

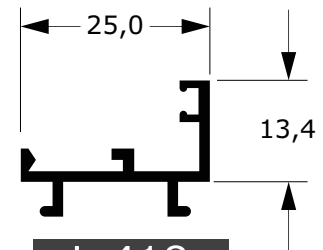
(25-680)



P-153

0,598 Kg/m

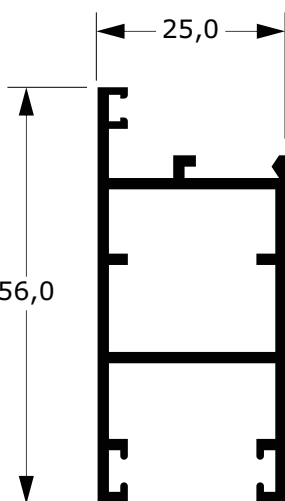
(25-026)



L-418

0,230 Kg/m

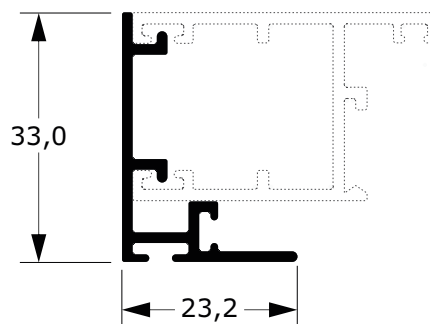
(25-528)



A-048

0,706 Kg/m

(25-502)



L-498

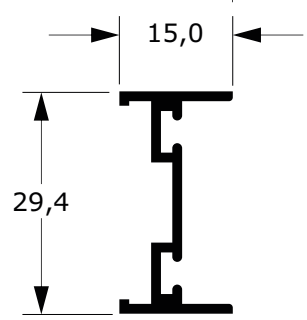
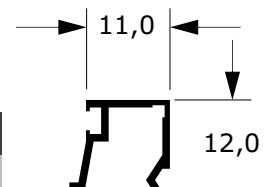
0,306 Kg/m

(25-043)

U-522

0,102 Kg/m

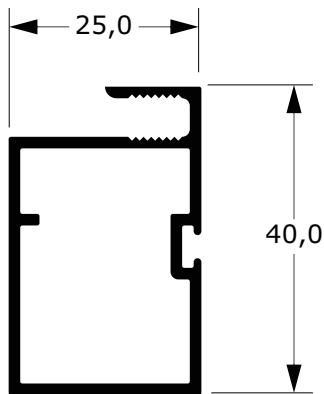
(BG-001)



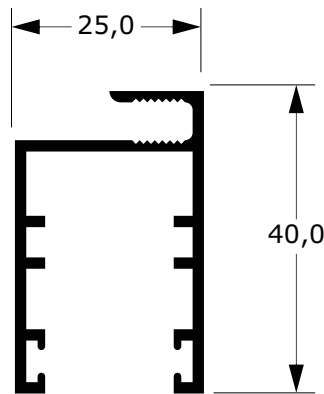
I-105

0,259 Kg/m

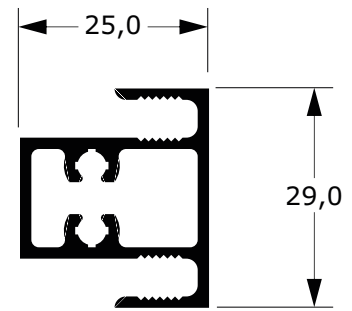
(25-021)



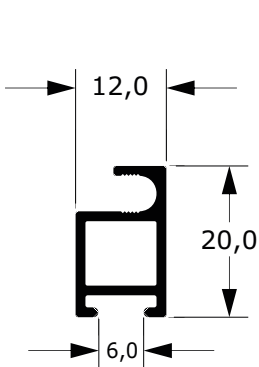
P-227
0,549 Kg/m
(25-549)



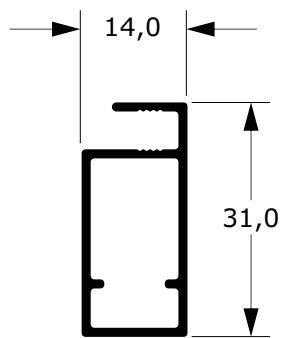
Y-312
0,519 Kg/m
(25-551)



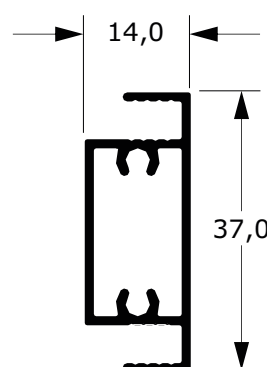
P-256
0,490 Kg/m
(25-550)



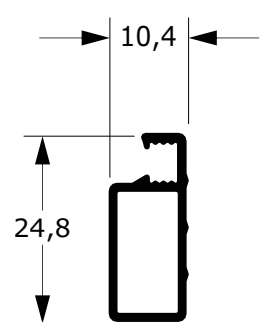
A-058
0,222 Kg/m



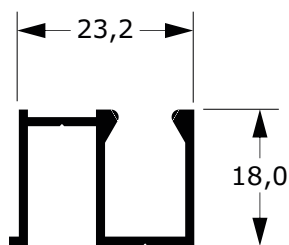
78-1154 C
0,295 kg/m



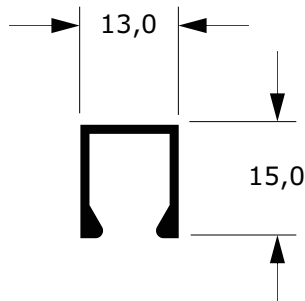
78-1153 C
0,377 kg/m



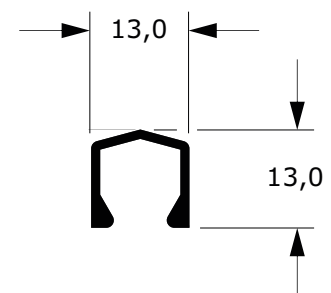
78-2228 C
0,187 Kg/m



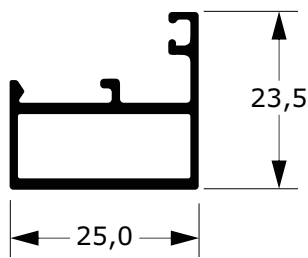
Z-074
0,269 Kg/m
(25-552)



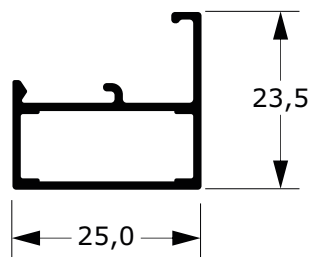
U-425
0,157 Kg/m
(25-510)



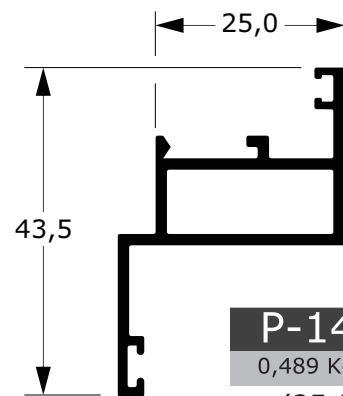
U-681
0,135 Kg/m
(25-032)



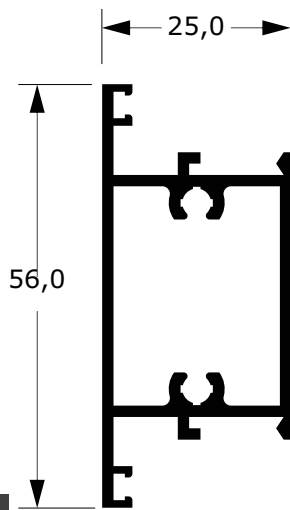
P-147 A
0,300 Kg/m
(25-555)



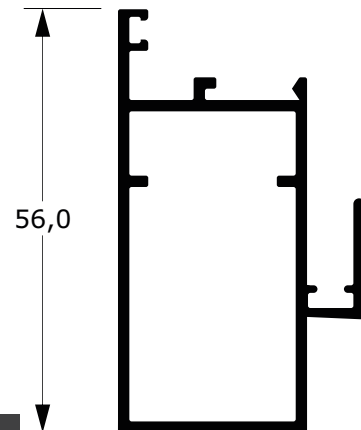
P-525A
0,283 Kg/m



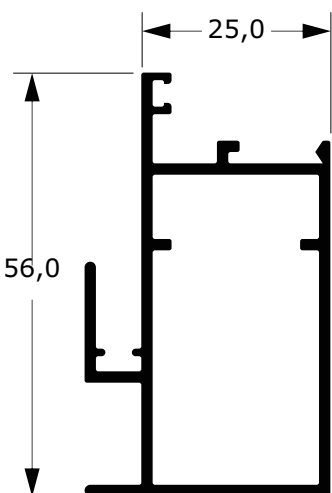
P-145
0,489 Kg/m
(25-572)



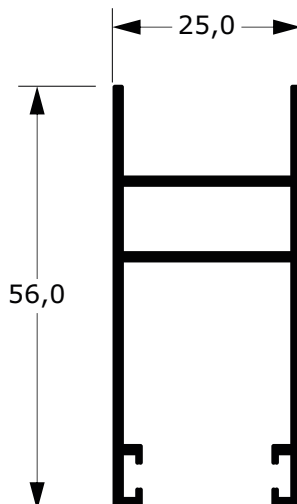
P-319 A
0,657 Kg/m
(25-508)



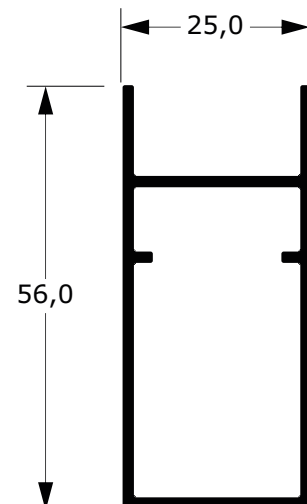
P-370A
0,666 Kg/m



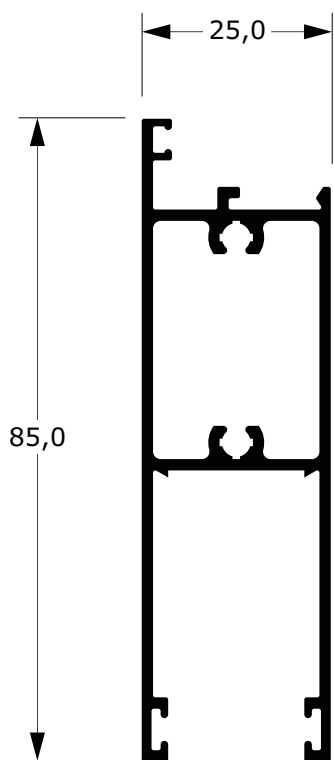
P-371 A
0,679 Kg/m



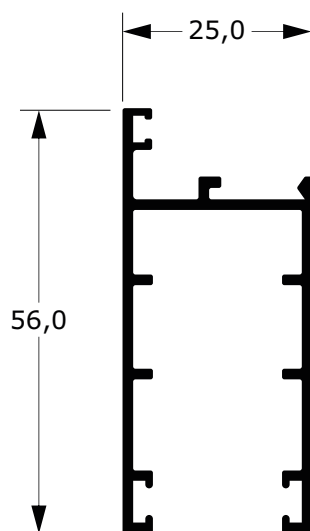
A-195
0,686 Kg/m



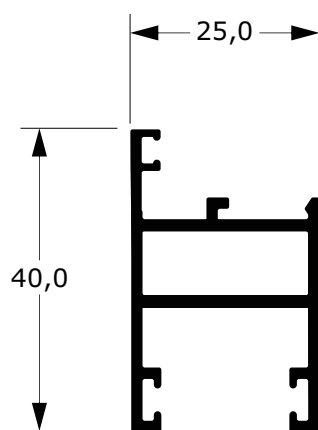
A-194
0,652 Kg/m



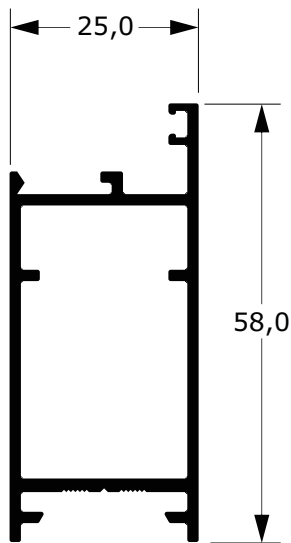
A-139
1,011 Kg/m
(25-538)



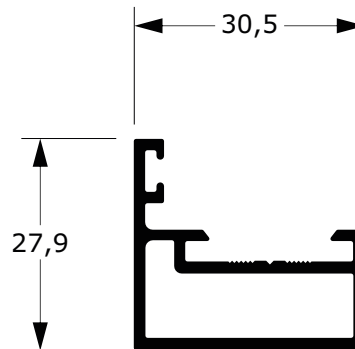
25-503
0,599 Kg/m



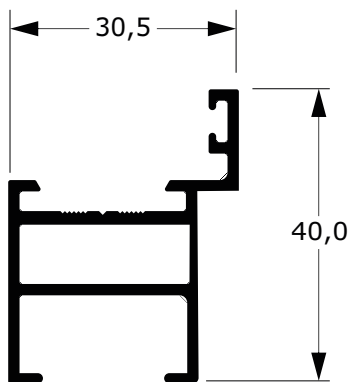
A-047
0,555 Kg/m
(25-567)



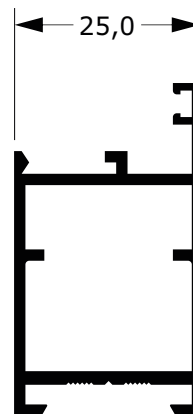
P-414A
0,578 Kg/m
(25-542)



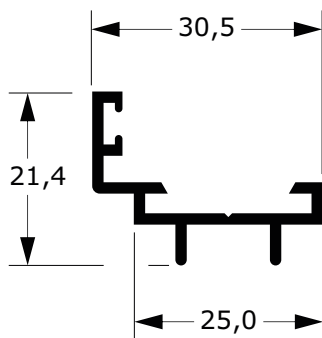
P-411
0,481 Kg/m



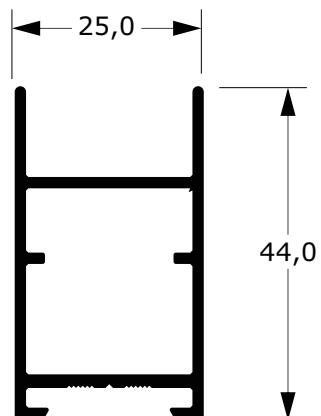
P-412A
0,453 Kg/m
(25-540)



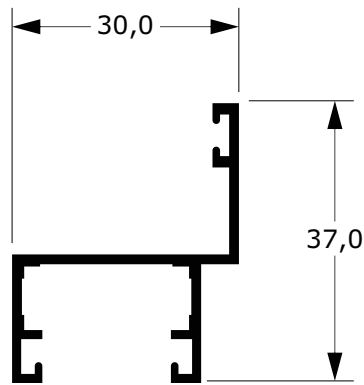
P-416
0,587 Kg/m
(25-546)



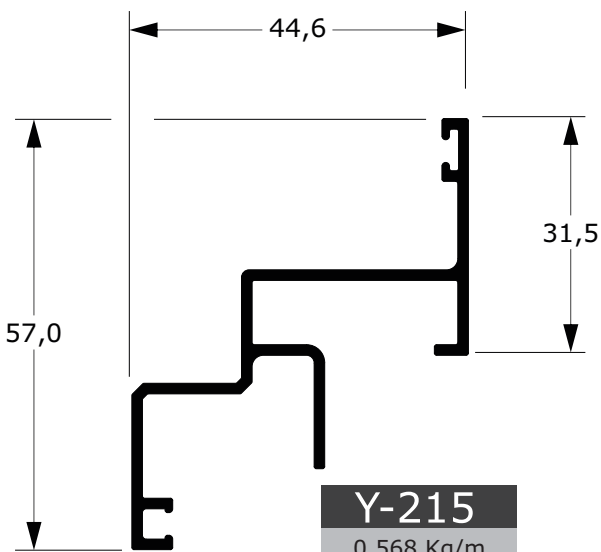
L-715
0,281 Kg/m
(25-548)



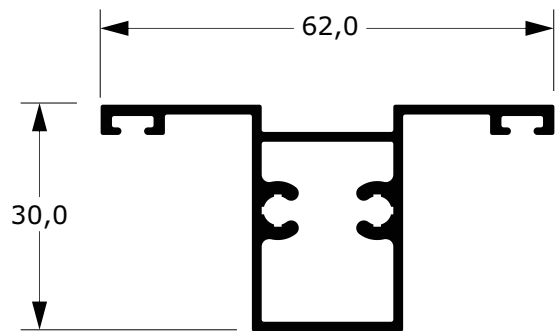
A-207
0,592 kg/m



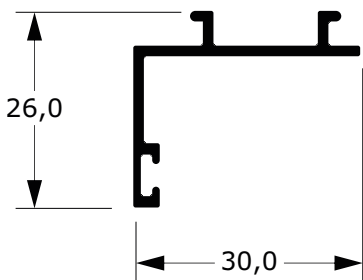
Y-630
0,360 Kg/m
(25-556)



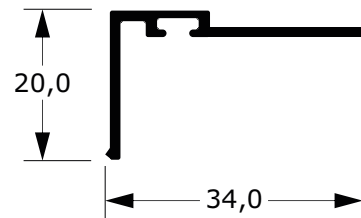
Y-215
0,568 Kg/m
(25-561)



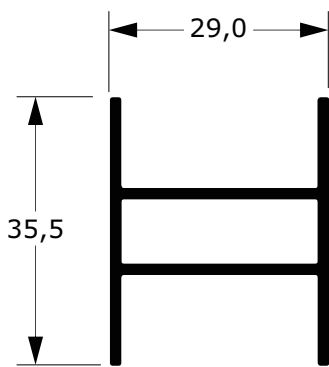
P-574
0,622 Kg/m
(25-669)



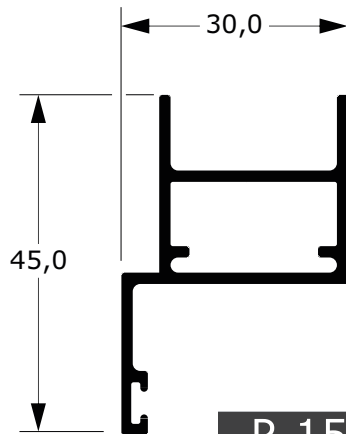
L-383
0,253 Kg/m
(25-020)



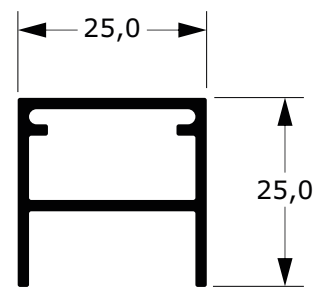
L-387
0,219 Kg/m
(CL-015)



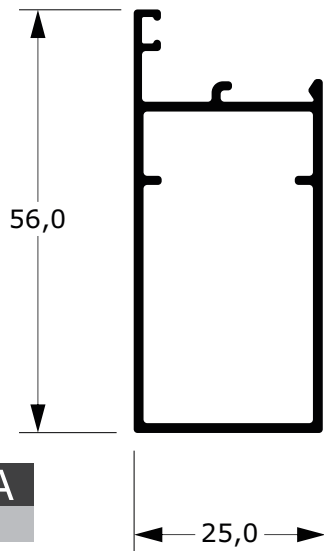
A-034
0,499 Kg/m



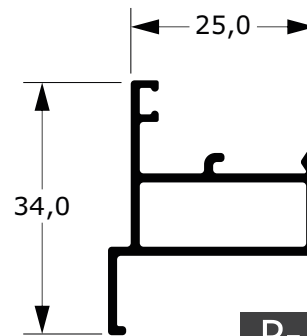
P-155
0,528 Kg/m
(25-522)



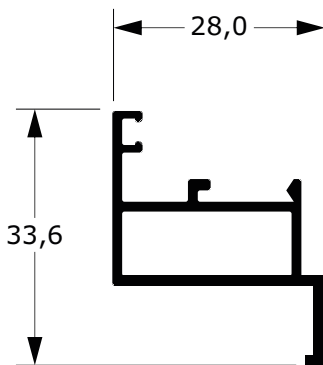
A-056
0,404 Kg/m
(25-017)



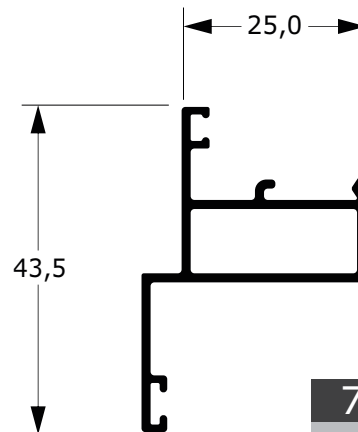
P-318A
0,558 Kg/m
(25-504)



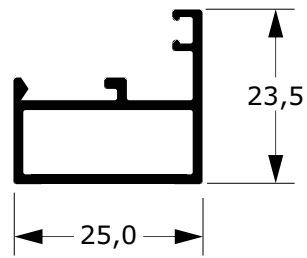
P-167A
0,347 Kg/m
(25-523)



P-166
0,427 Kg/m
(25-524)



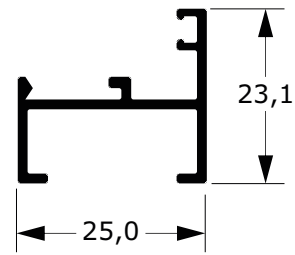
78-635
0,426 Kg/m
(P-146 A)



78-634

0,316 Kg/m

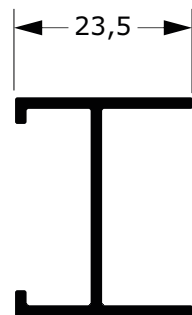
(25-001)



Y-197

0,268 Kg/m

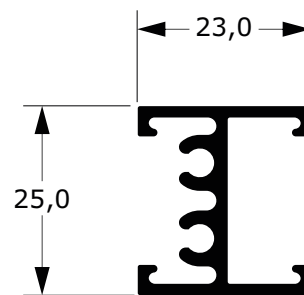
(25-027)



I-090

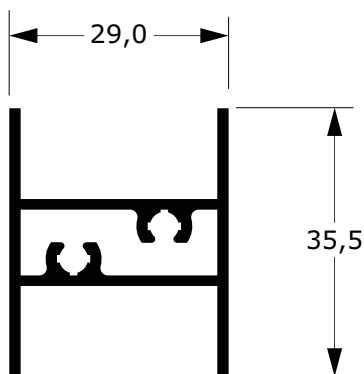
0,312 Kg/m

(25-520)



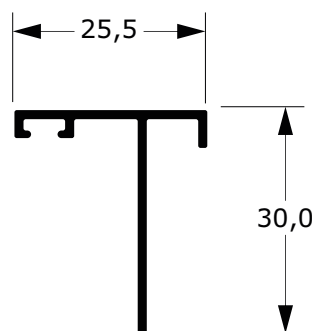
I-117

0,446 Kg/m



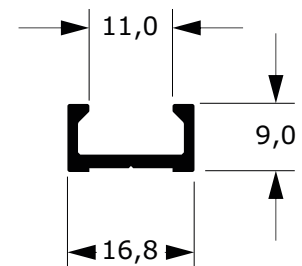
A-084

0,583 Kg/m



T-214

0,210 Kg/m



U-683

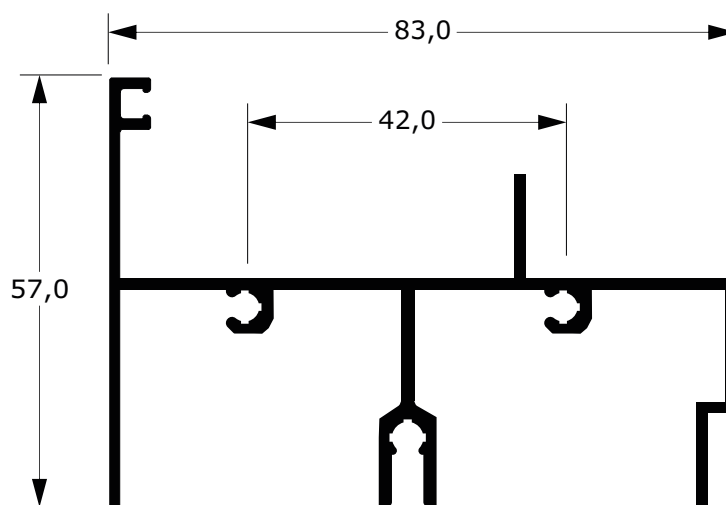
0,154 Kg/m

(CL-050)

E-294

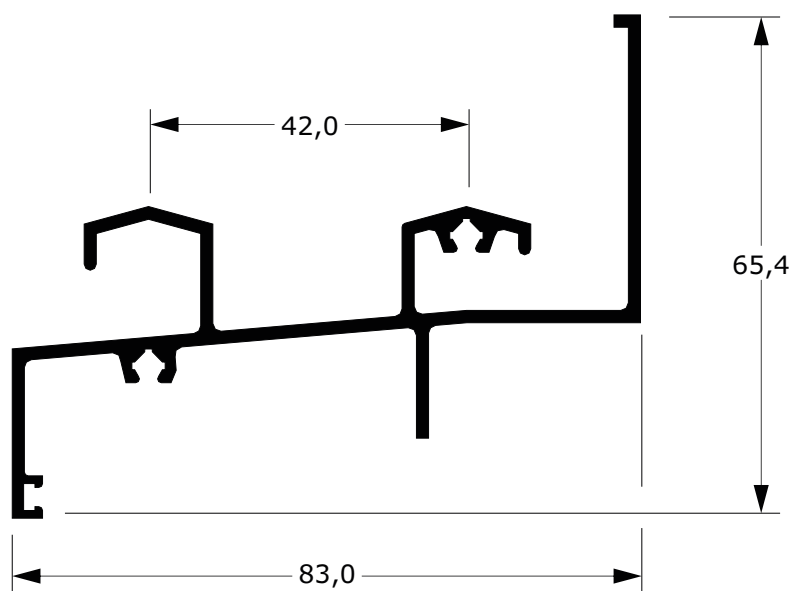
1,156 Kg/m

(30-042)



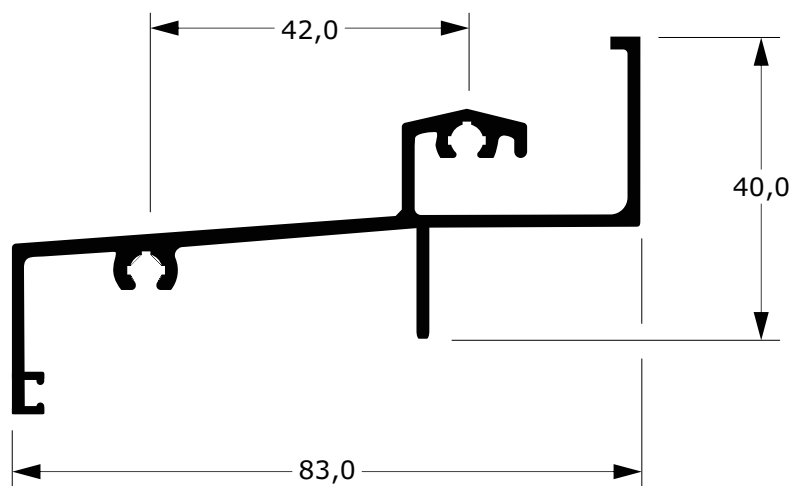
Z-178

1,070 Kg/m



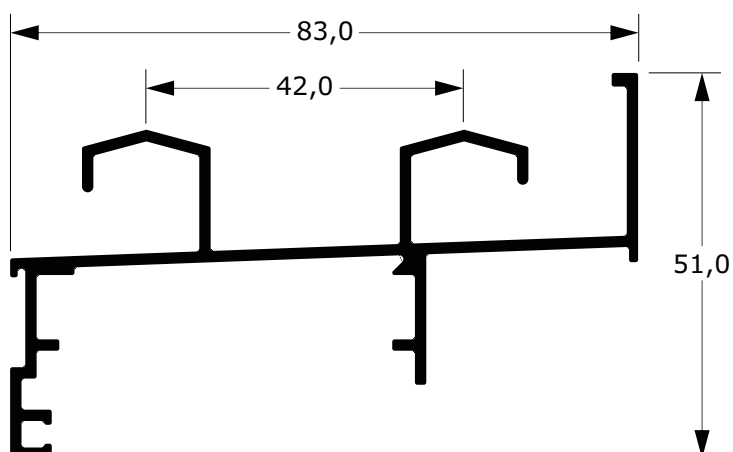
Z-167

0,836 kg/m



Z-231

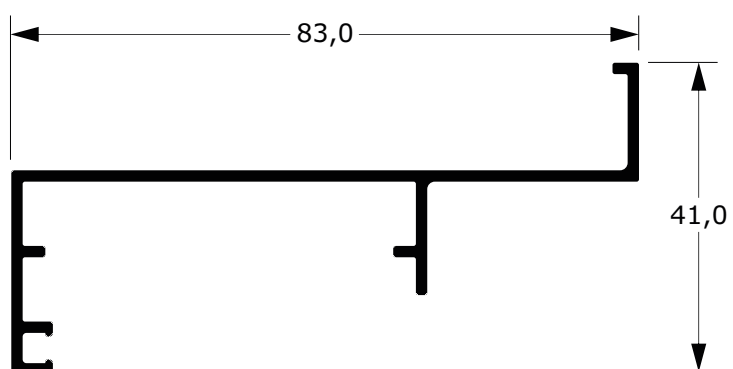
0,984 Kg/m



Z-118

0,666 Kg/m

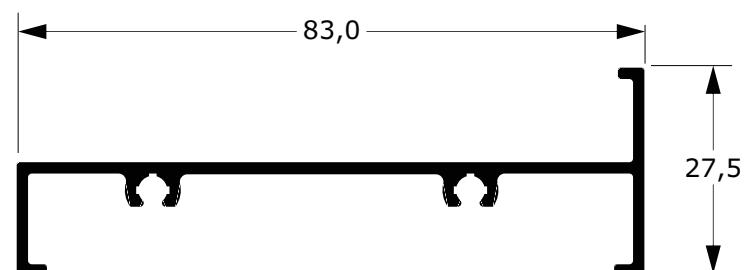
(30-039)



Z-182

0,634 Kg/m

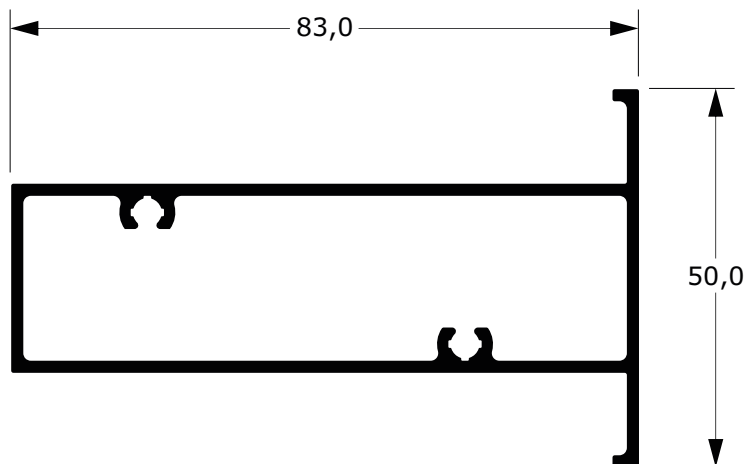
(30-068)

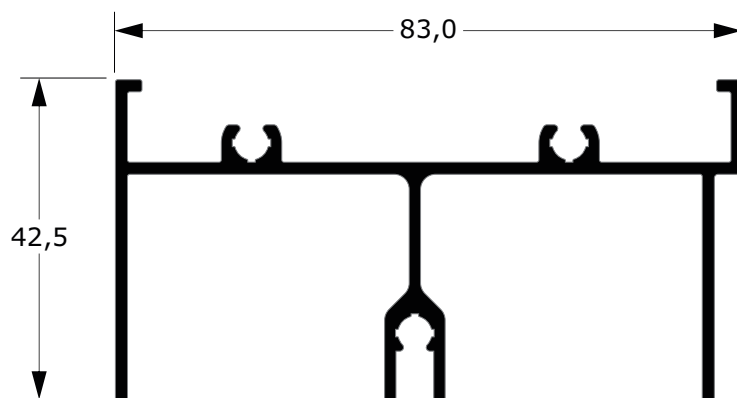


P-258

1,134 Kg/m

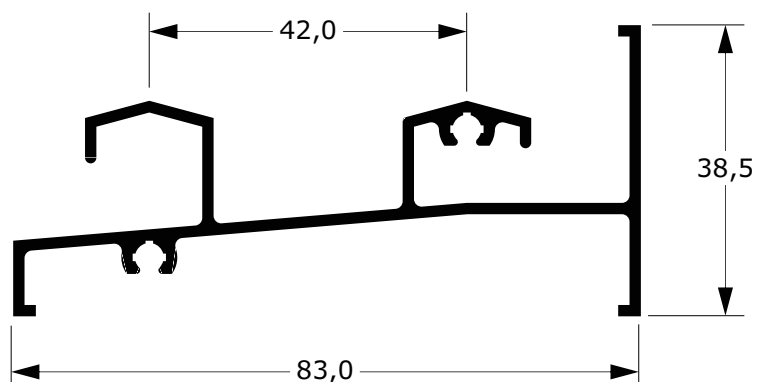
(30-067)





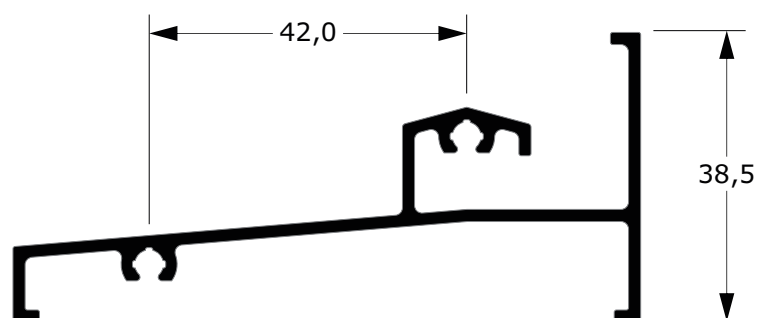
E-491

1,061 Kg/m
(30-066)



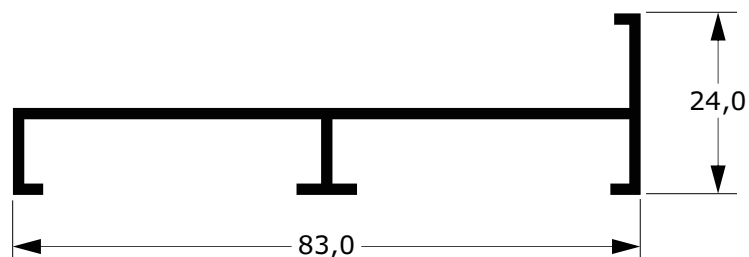
Z-183

0,944 Kg/m
(30-069)



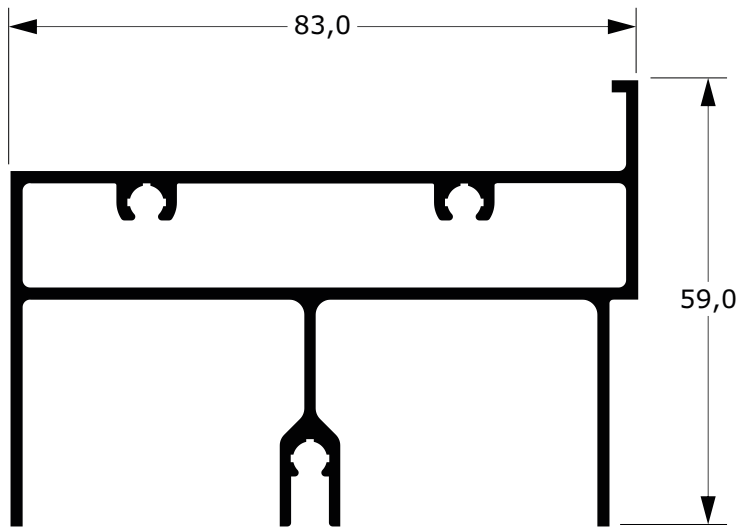
Z-180

0,810 Kg/m

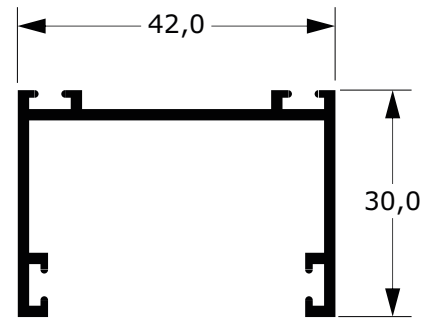


Z-181

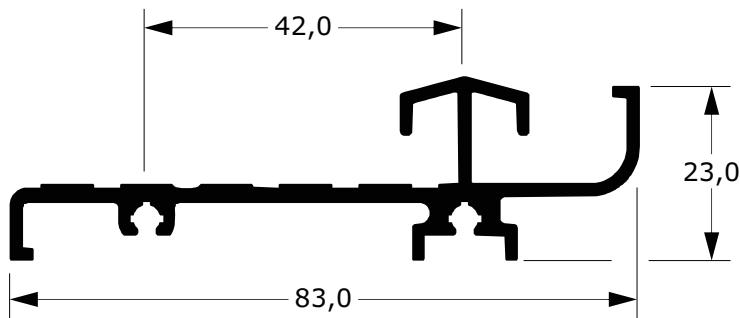
0,564 Kg/m
(30-089)



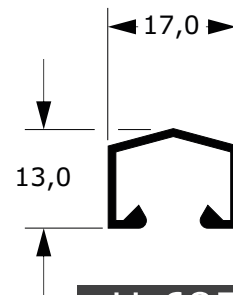
P-287
1,498 Kg/m
(30-041)



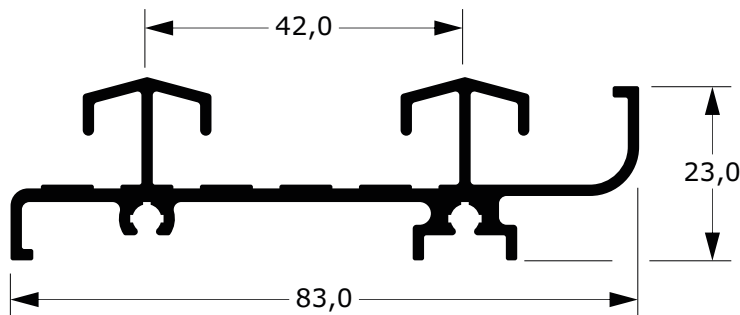
U-659
0,490 Kg/m



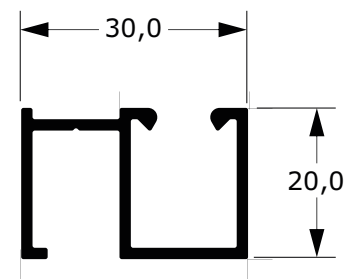
Z-263
0,840 Kg/m



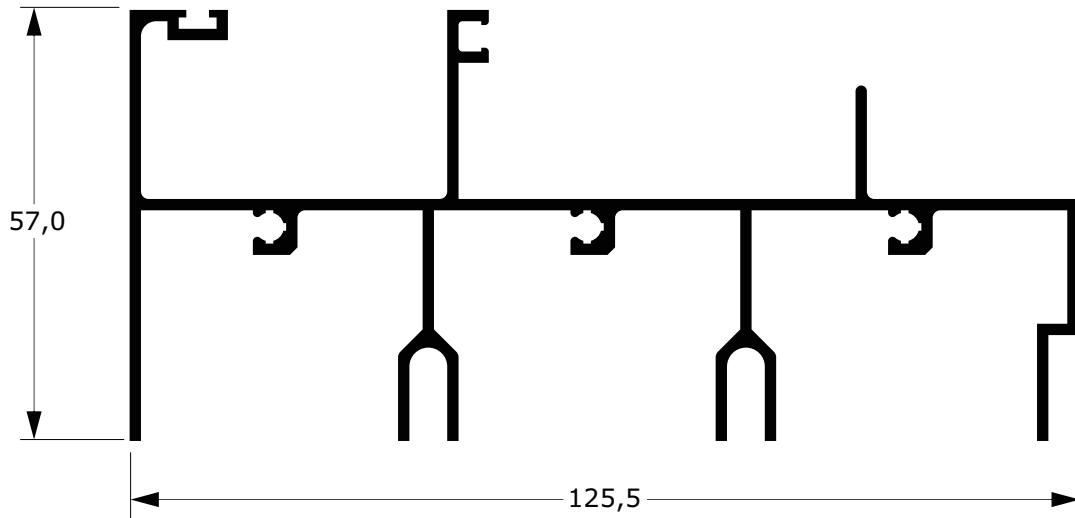
U-685
0,141 Kg/m
(30-076)



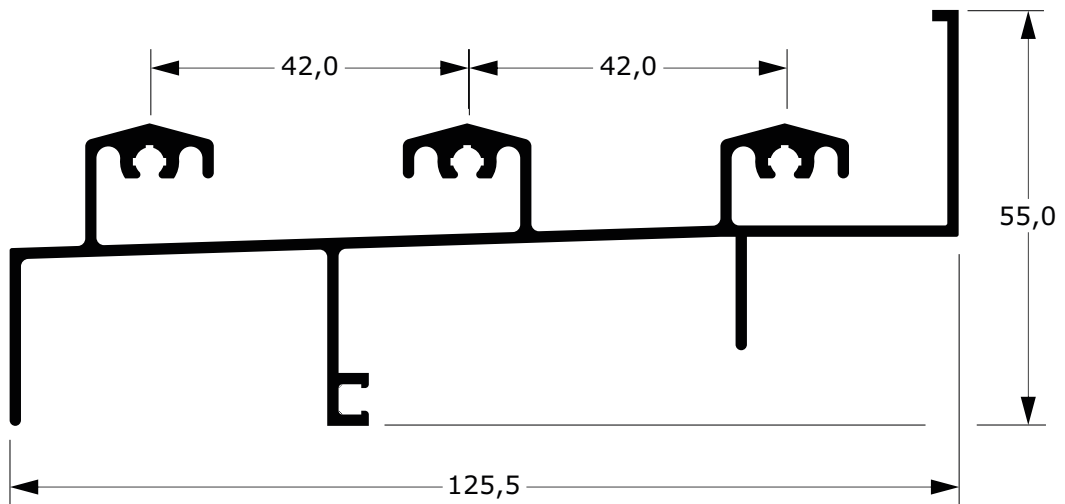
Z-268
1,011 Kg/m



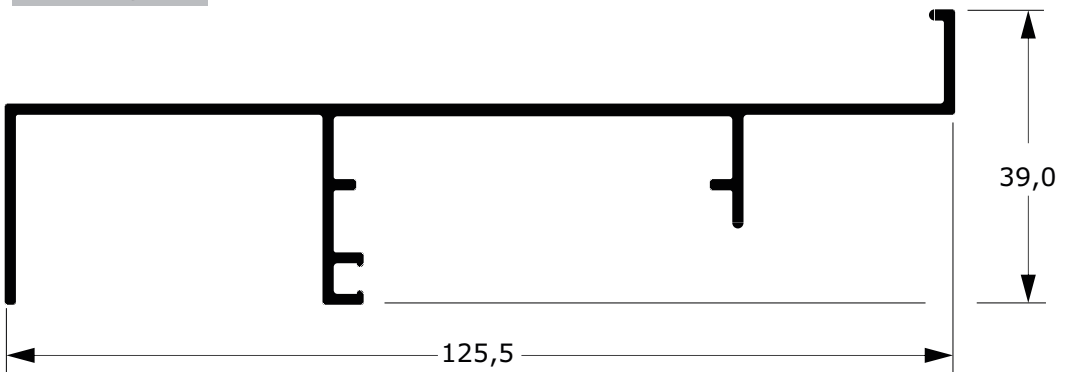
Z-082
0,393 Kg/m



E-485
1,708 Kg/m (30-260)

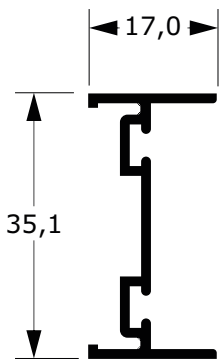
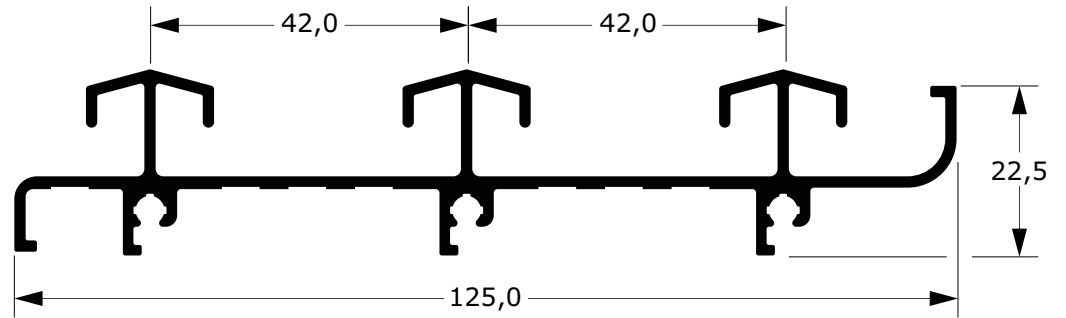


E-486
1,538 Kg/m

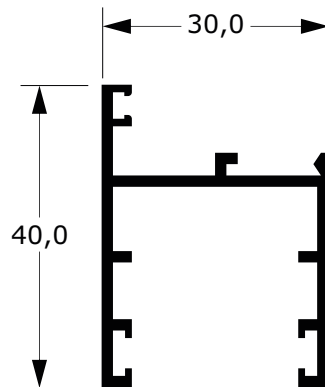


Z-261
0,892 Kg/m (30-262)

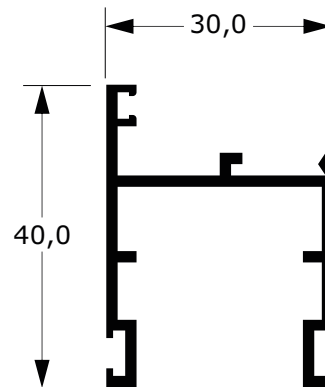
Z-260
1,323 Kg/m
(30-254)



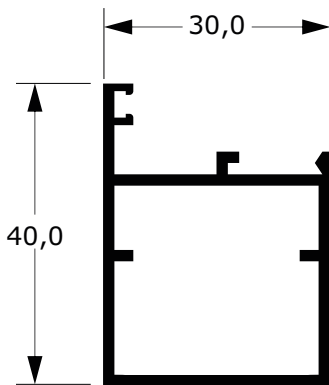
E-150
0,276 Kg/m
(30-019)



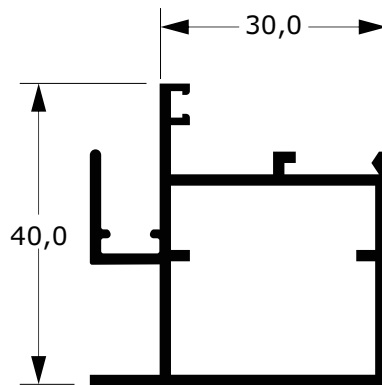
Y-131
0,492 Kg/m
(30-001)



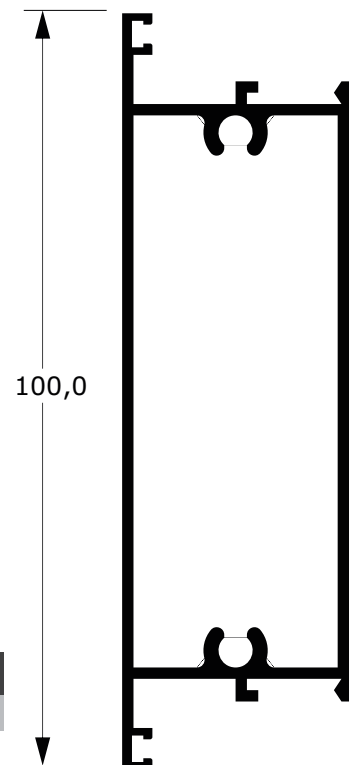
Y-153
0,506 Kg/m
(30-002)



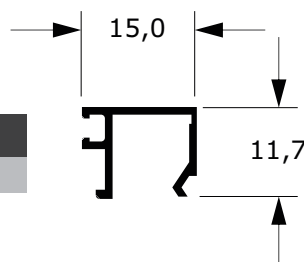
P-084 A
0,486 Kg/m
(30-003)



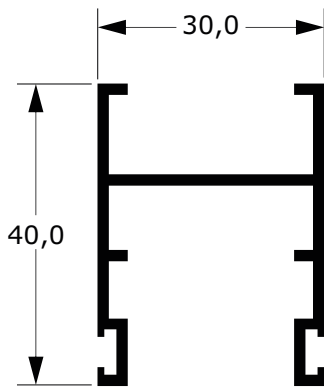
P-148
0,692 Kg/m
(30-005)



P-165
1,152 Kg/m
(30-030)

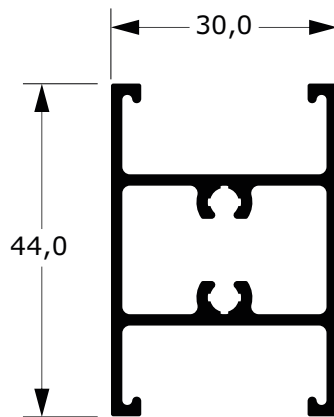


U-482
0,118 Kg/m
(BG-010)



Y-719

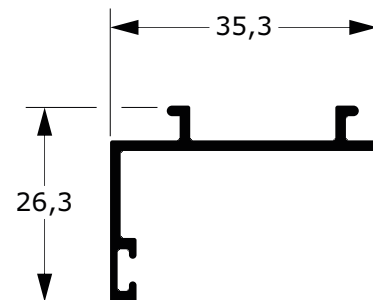
0,522 Kg/m



P-417

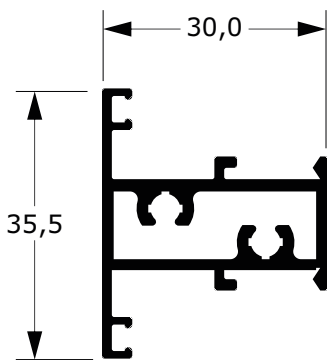
0,734 Kg/m

(30-079)



L-366

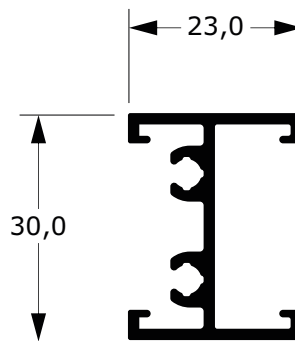
0,283 Kg/m



P-075

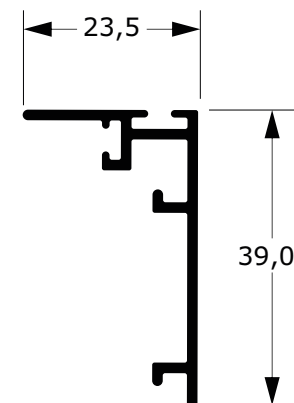
0,602 Kg/m

(30-086)



I-102

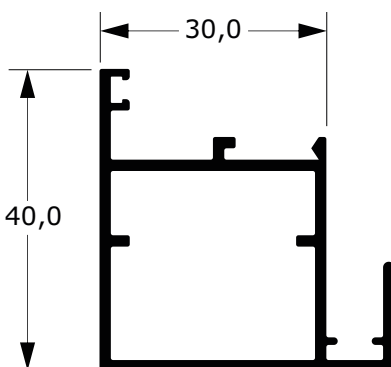
0,448 Kg/m



L-518

0,355 Kg/m

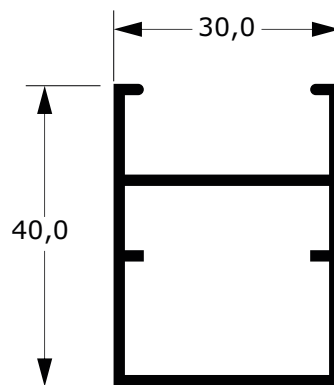
(30-295)



P-149

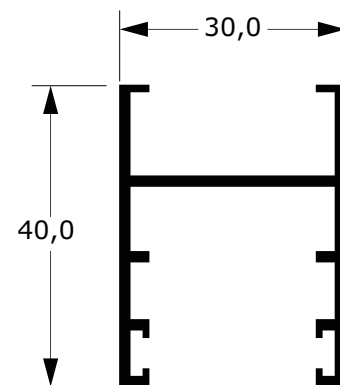
0,655 Kg/m

(30-006)



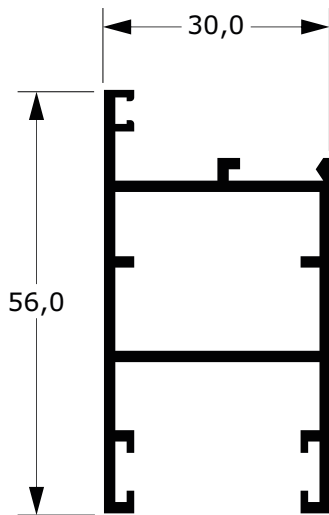
A-210

0,584 Kg/m



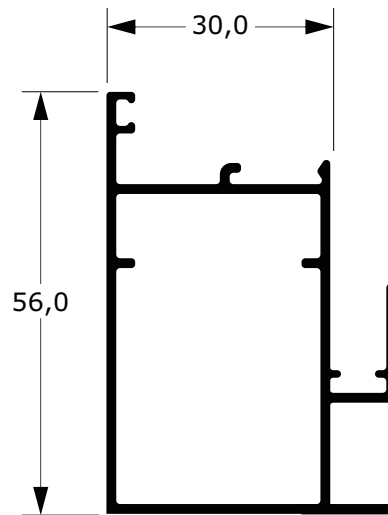
Y-718

0,522 Kg/m



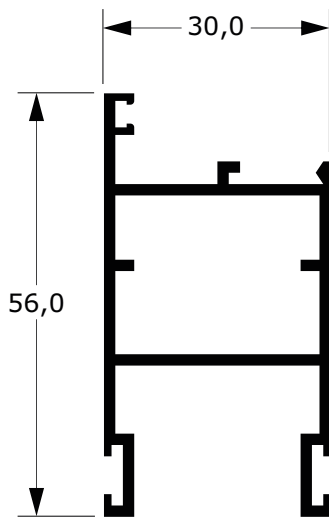
A-026

0,750 Kg/m
(30-009)



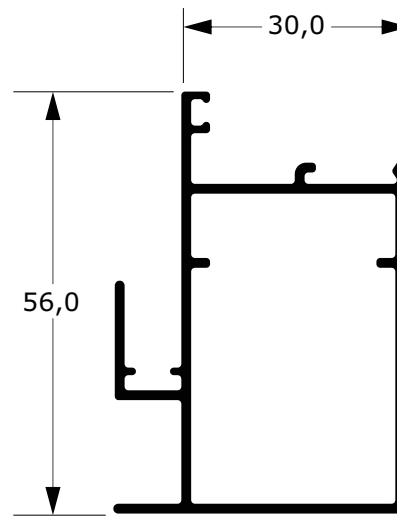
P-281A

0,726 Kg/m
(30-011)



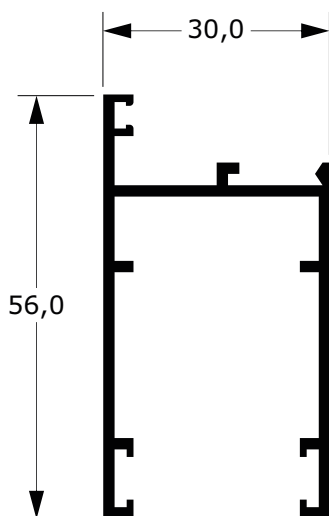
A-054

0,746 Kg/m
(30-010)



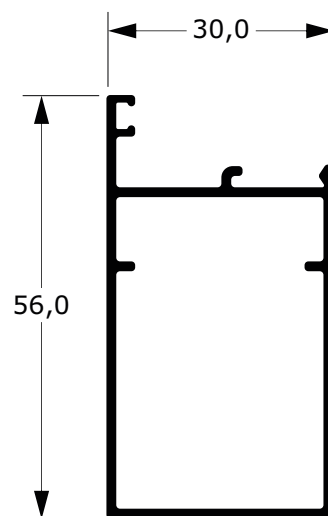
P-282 A

0,726 Kg/m
(30-012)



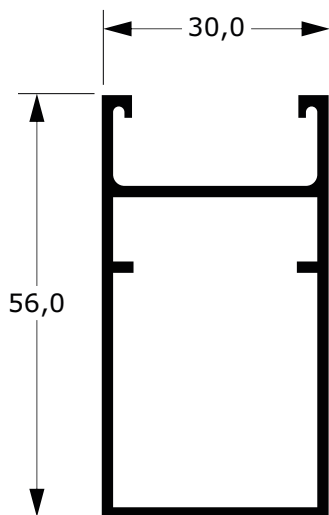
Y-110

0,635 Kg/m
(30-007)



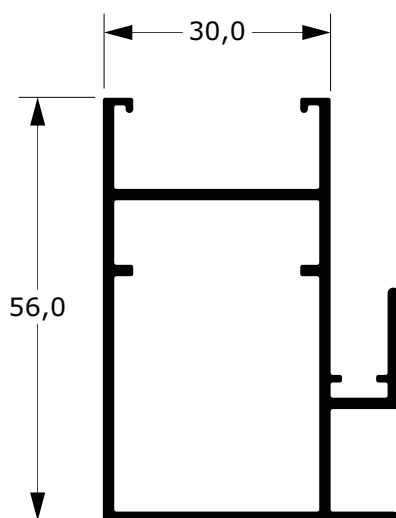
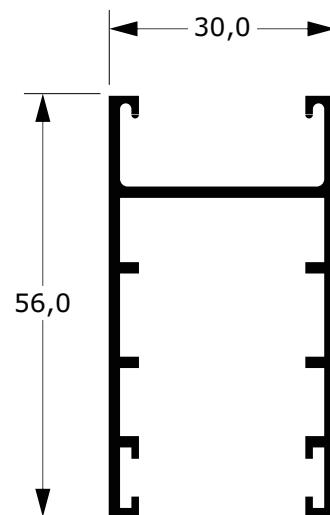
P-068A

0,604 Kg/m
(30-008)

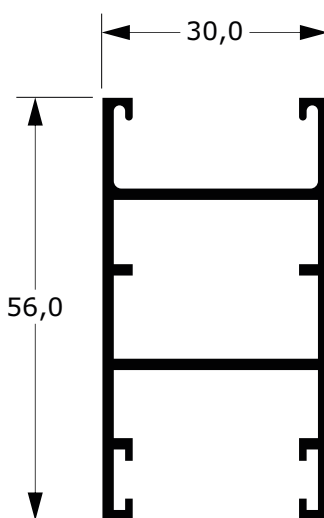


A-041A
0,626 Kg/m
(30-014)

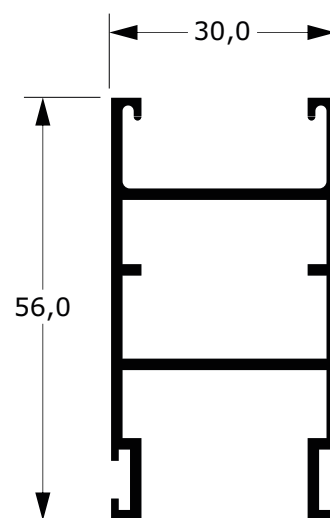
Y-168
0,690 Kg/m
(30-013)



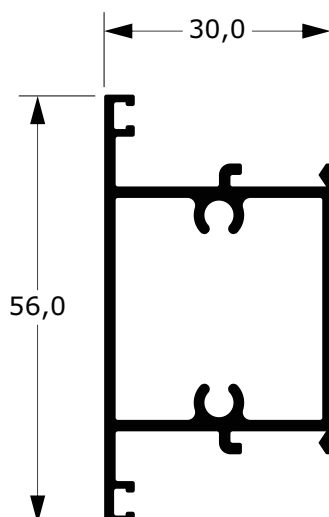
A-211
0,853 Kg/m
(30-259)



A-090
0,782 Kg/m
(30-015)

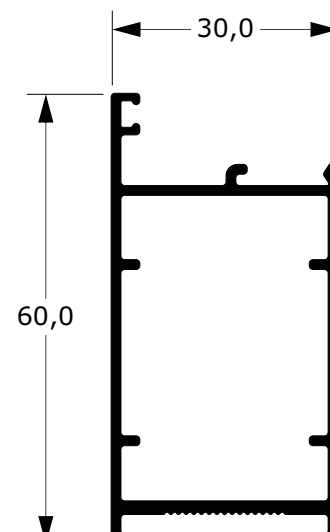


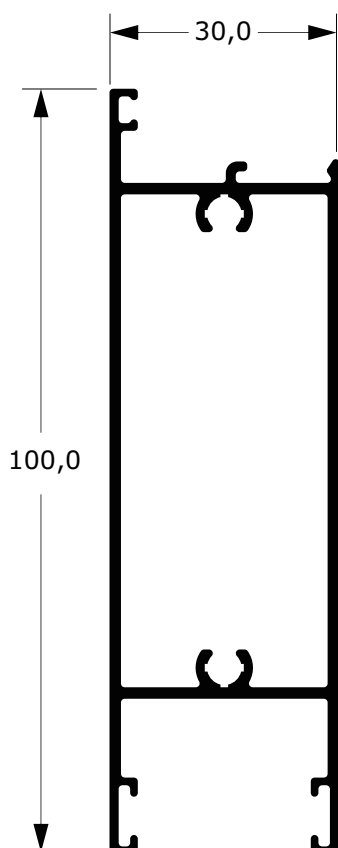
A-212
0,761 Kg/m
(30-272)



P-078
0,752 Kg/m

P-270A
0,688 Kg/m
(30-026)

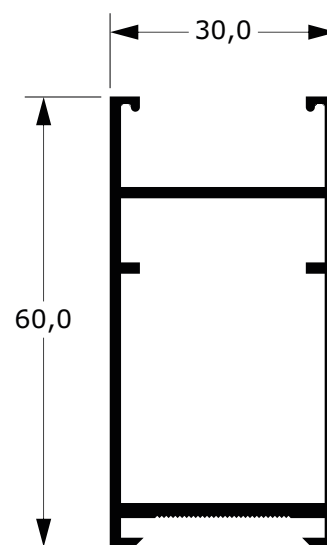




A-081A

1,135 Kg/m

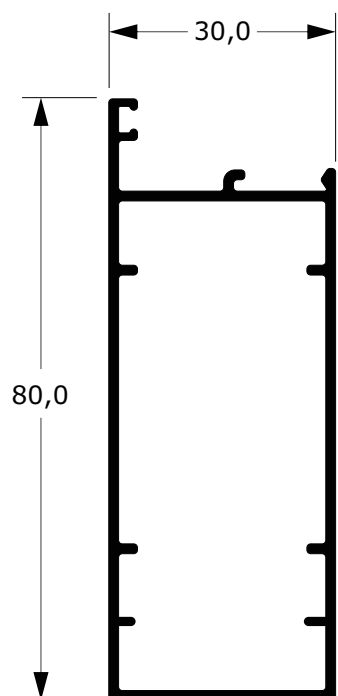
(30-028)



A-144A

0,697 Kg/m

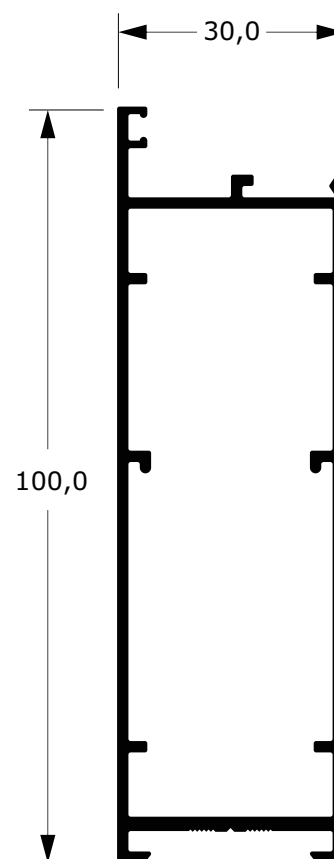
(30-077)



P-264

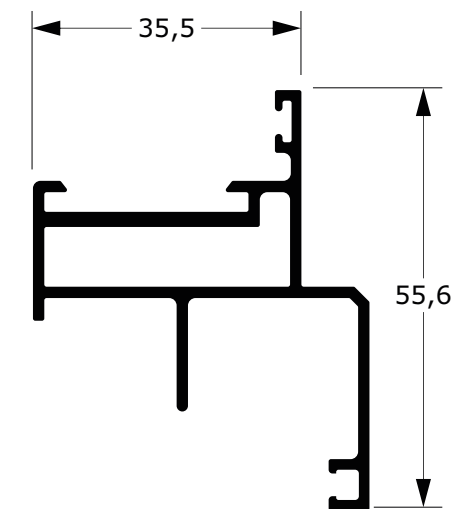
1,156 Kg/m

(30-082)



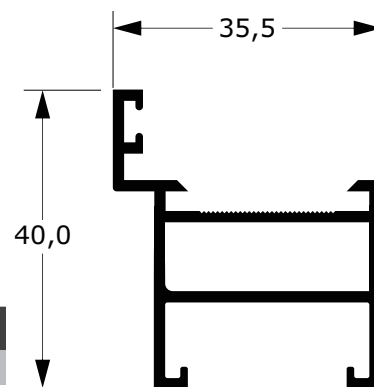
P-358 A

0,807 Kg/m



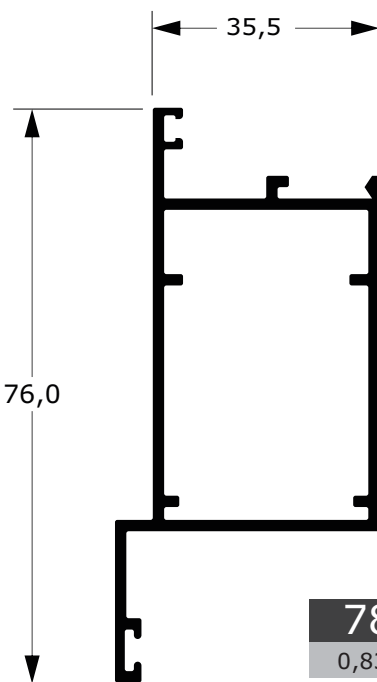
P-272

0,780 Kg/m
(30-027)



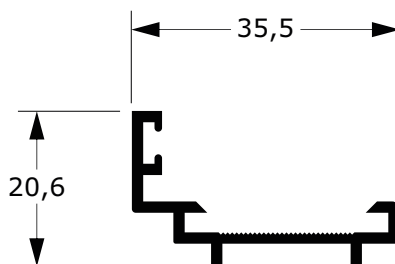
P-273A

0,538 Kg/m
(30-023)



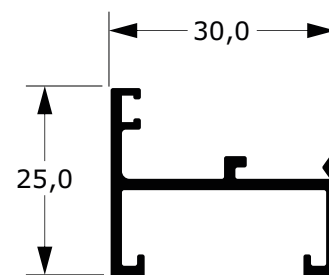
78-723

0,830 Kg/m



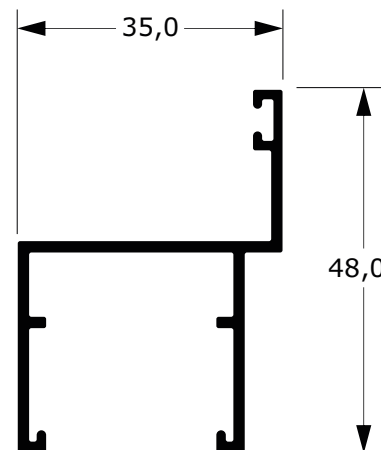
L-519

0,291 Kg/m
(30-034)



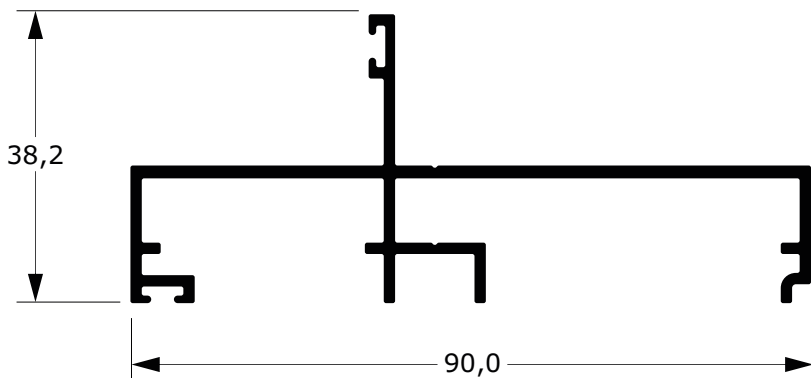
Y-113

0,343 Kg/m



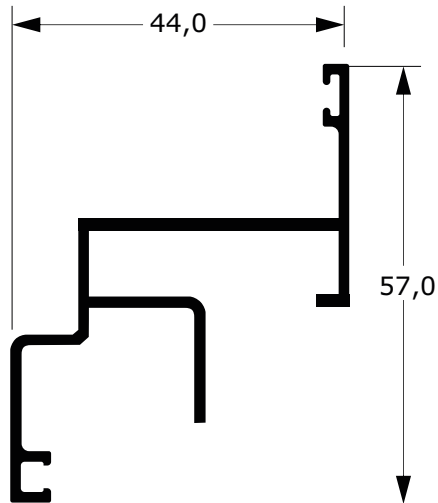
Y-346

0,504 Kg/m

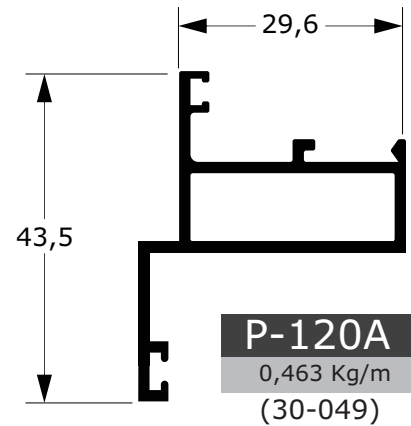


39-837

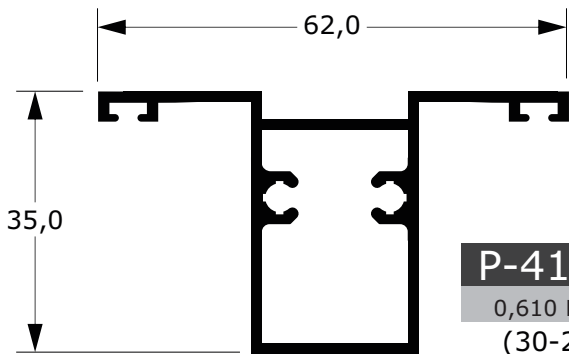
0,873 Kg/m



Y-214
0,606 Kg/m
(30-048)

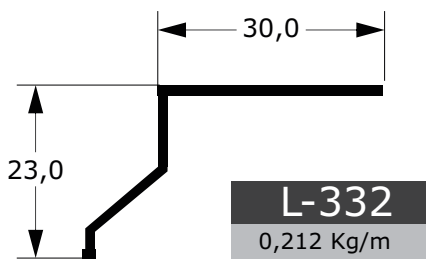
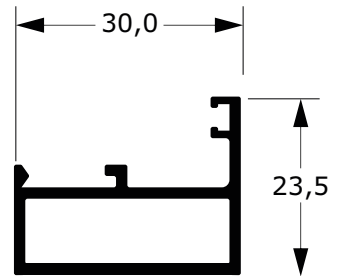


P-120A
0,463 Kg/m
(30-049)



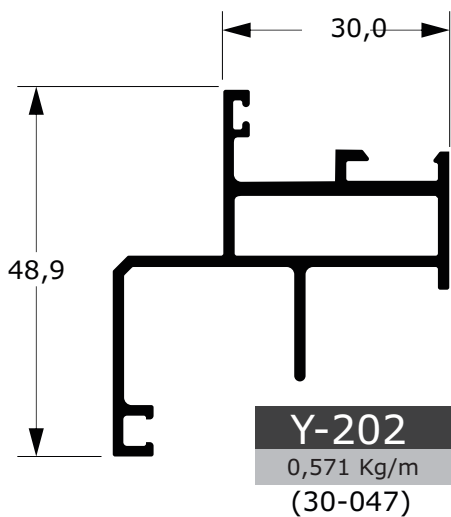
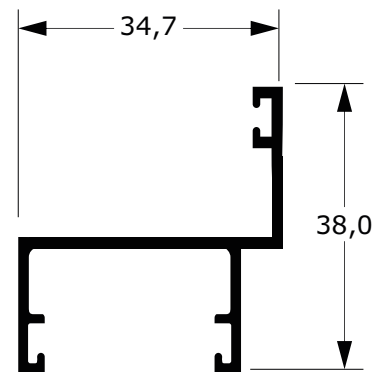
P-419 A
0,610 Kg/m
(30-235)

P-064 A
0,332 Kg/m
(30-051)

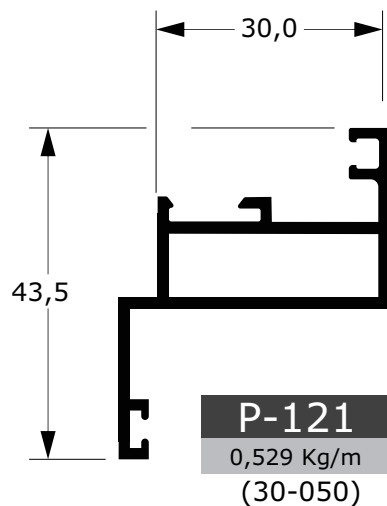


L-332
0,212 Kg/m

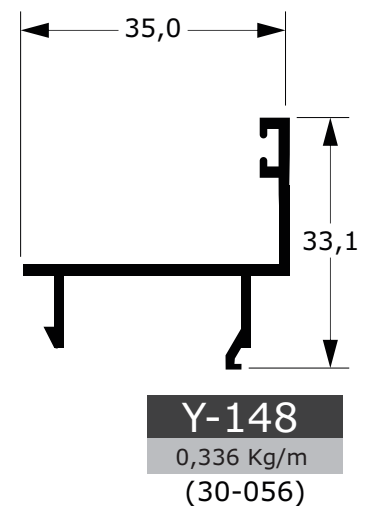
Y-140 A
0,338 Kg/m
(30-054)



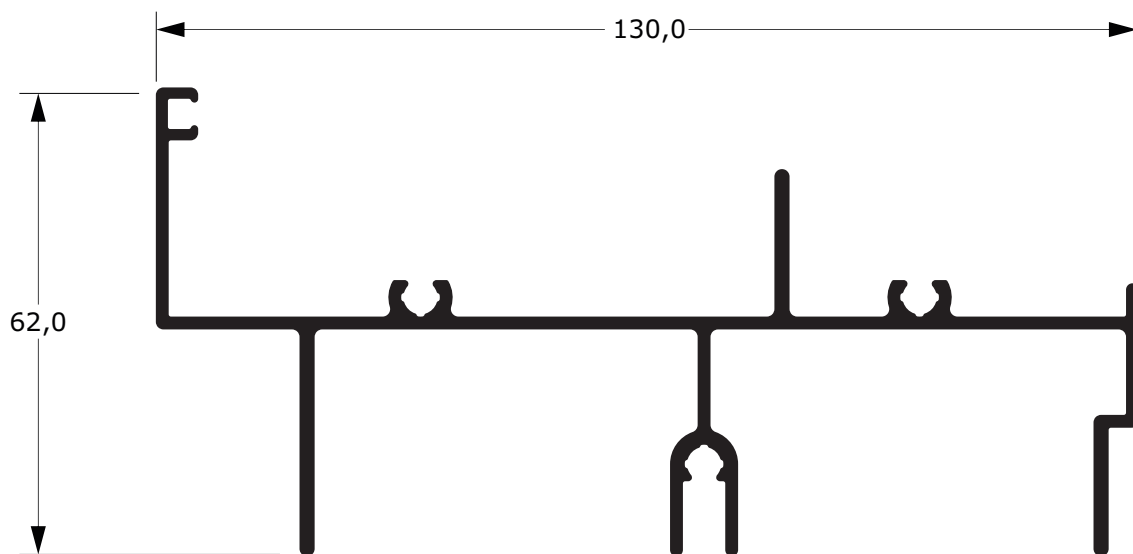
Y-202
0,571 Kg/m
(30-047)



P-121
0,529 Kg/m
(30-050)

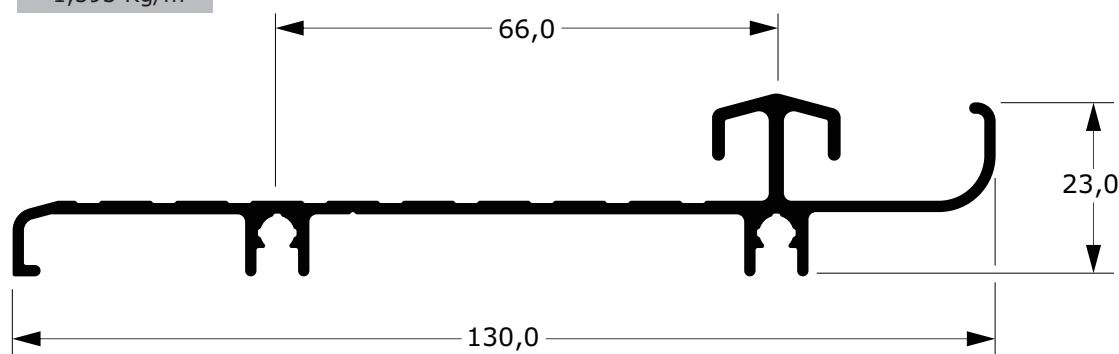


Y-148
0,336 Kg/m
(30-056)



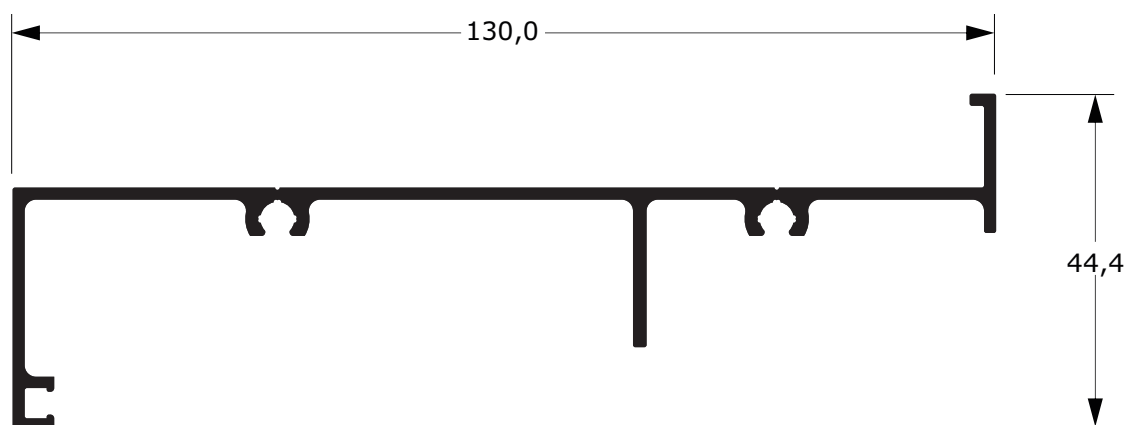
42-040

1,593 Kg/m



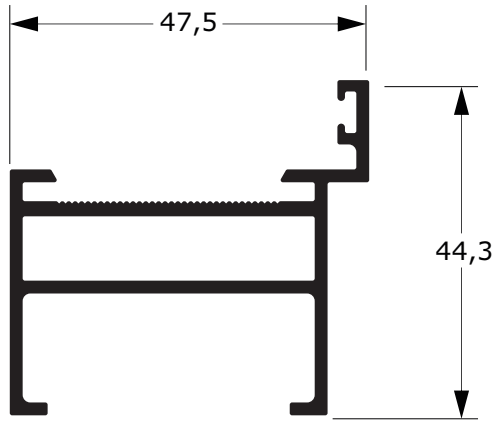
42-002

1,040 Kg/m

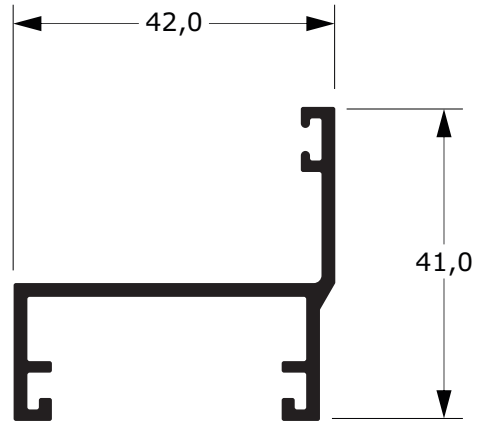


Z-186

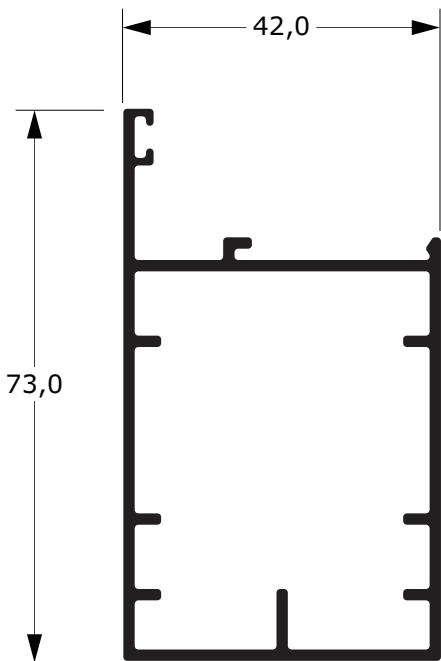
1,038 Kg/m



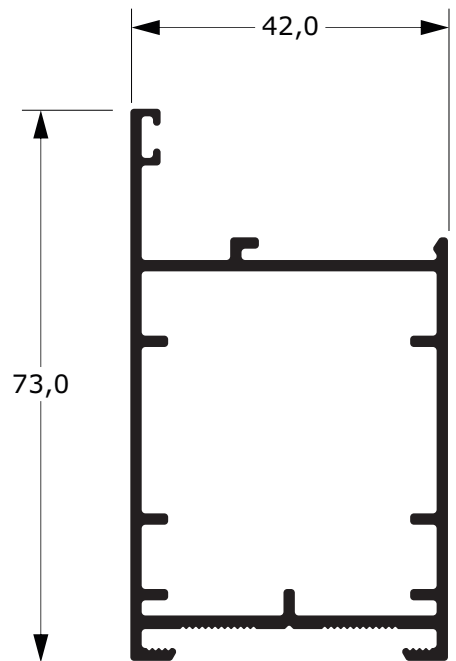
P-280
0,855 Kg/m



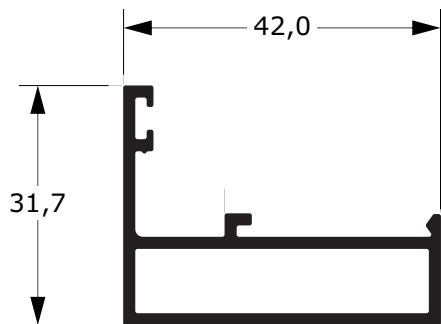
Y-181
0,570 Kg/m



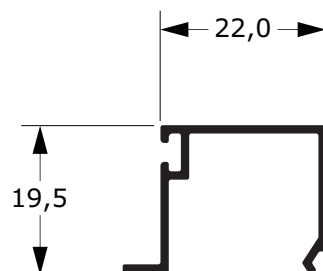
78-1082 C
1,002 Kg/m



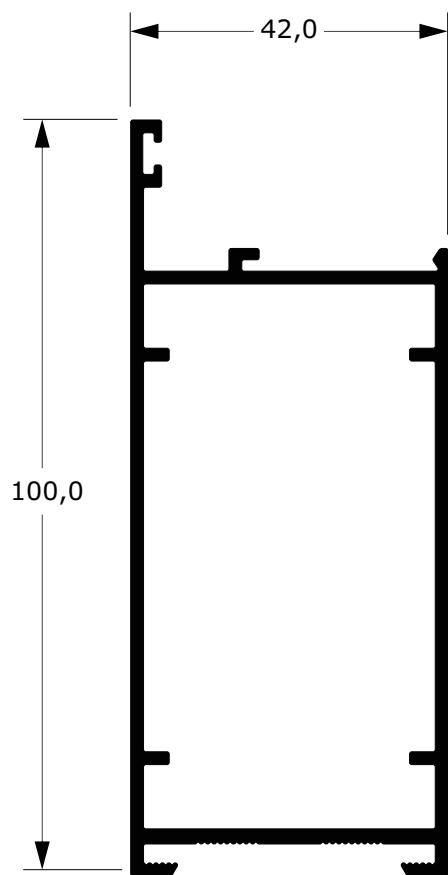
78-1083 C
1,044 Kg/m



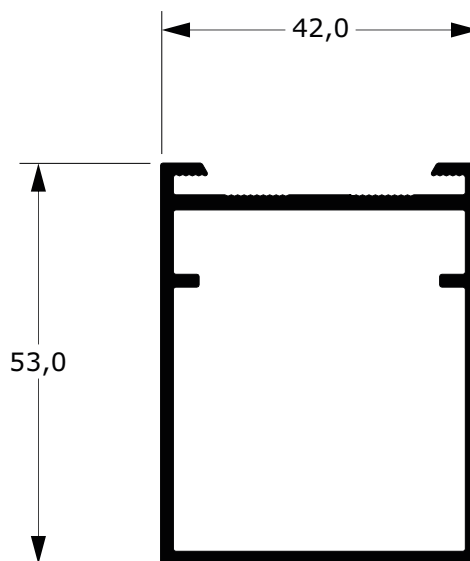
P-253
0,587 Kg/m



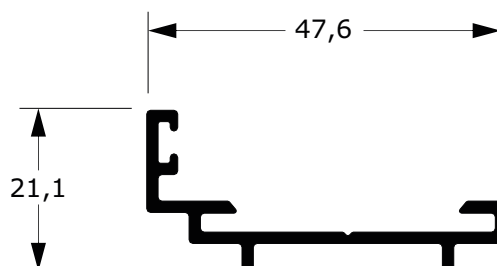
U-1076
0,209 Kg/m



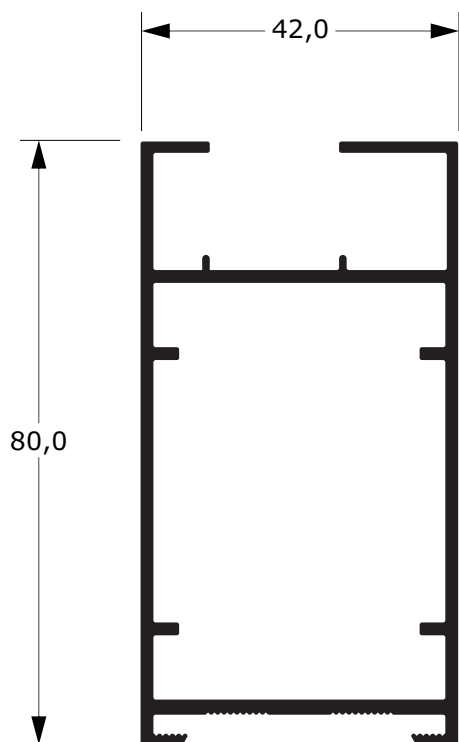
P-268A
1,373 Kg/m



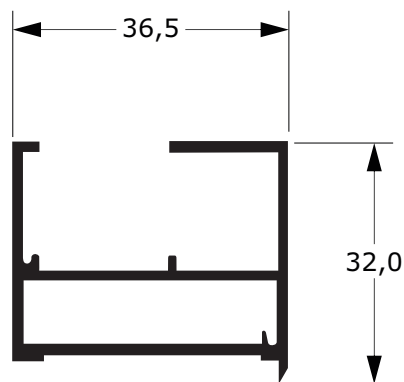
42-999
0,985 Kg/m



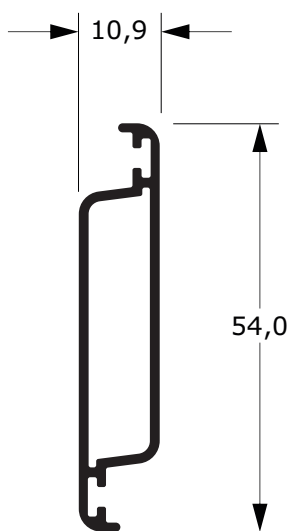
42-014
0,369 Kg/m



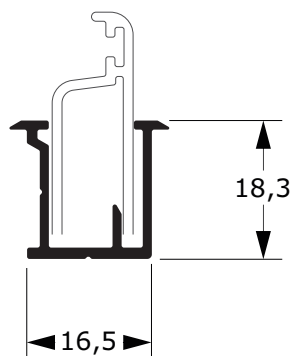
78-572
1,307 Kg/m



78-519
0,608 Kg/m



78-518
0,400 Kg/m



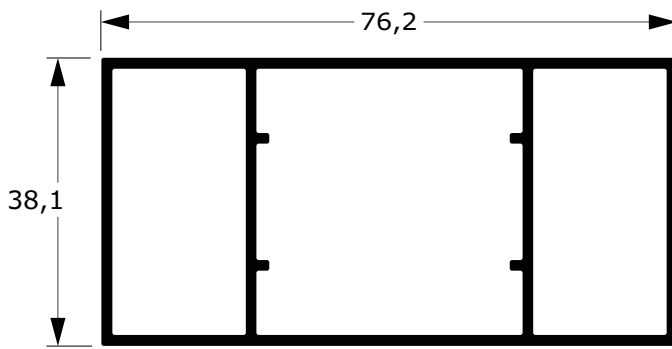
39-588
0,217 Kg/m

PORTÕES

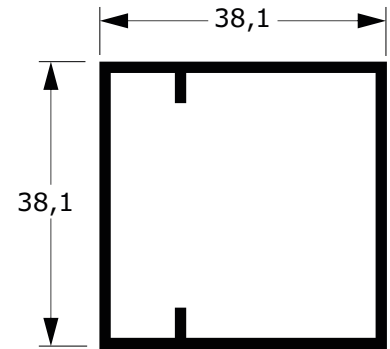
LAMBRIS

BRISES

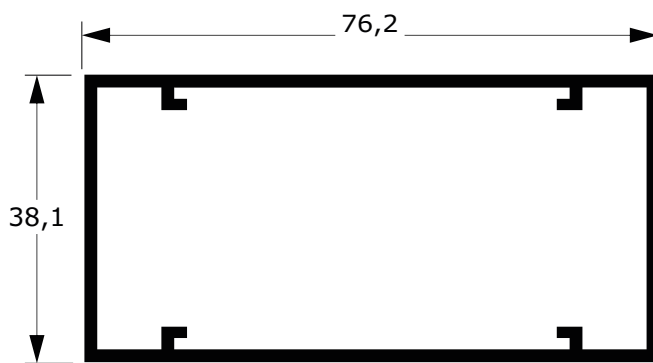
GUARDA CORPOS



79-007C
1,168 Kg/m



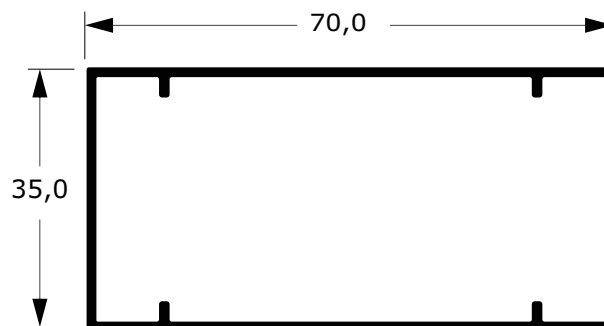
D-102
0,625 Kg/m



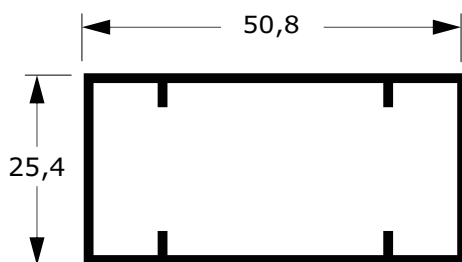
D-069
0,950 Kg/m (PC-003)



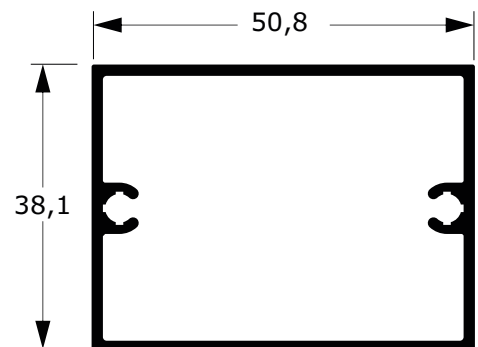
74-001
0,402 Kg/m



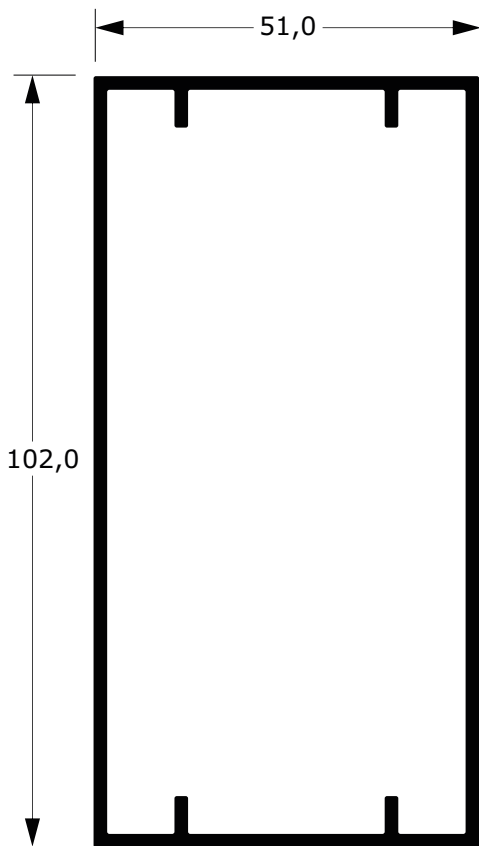
74-029
0,761 Kg/m



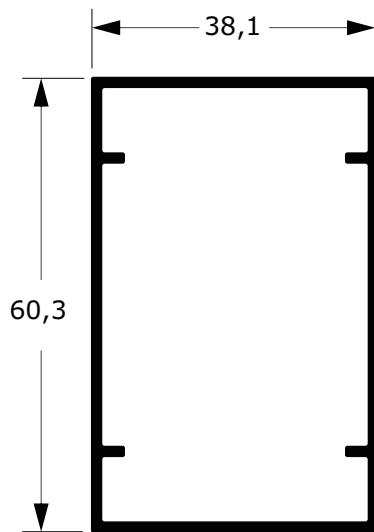
D-079
0,564 Kg/m (PC-002)



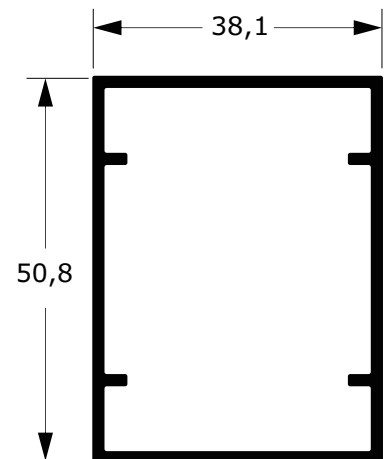
D-103
0,786 Kg/m (CG-104)



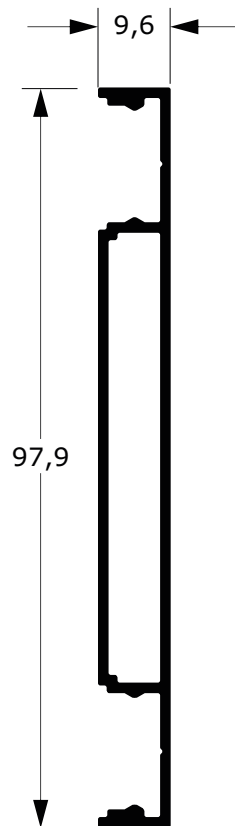
78-719
1,555 Kg/m



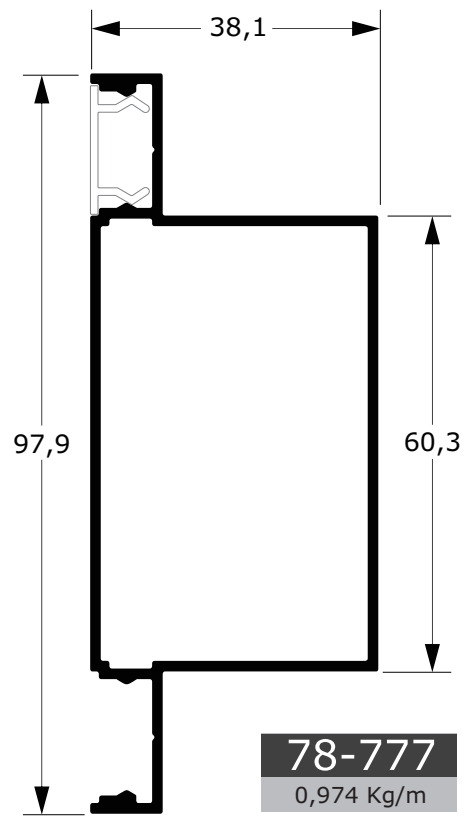
78-001
0,824 Kg/m



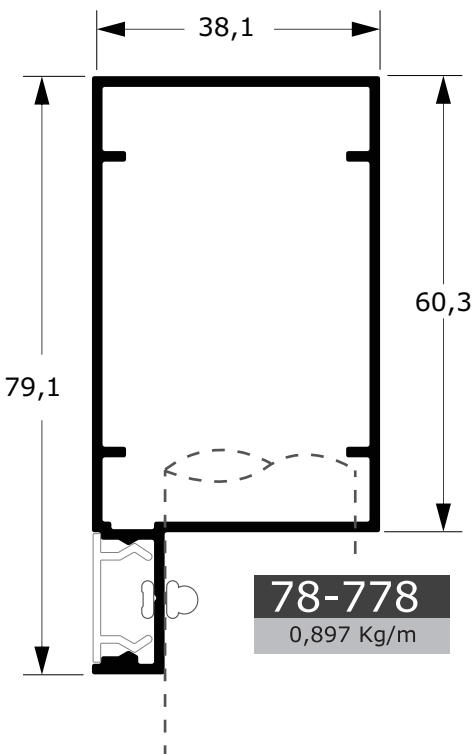
D-078
(PC-004) 0,795 Kg/m



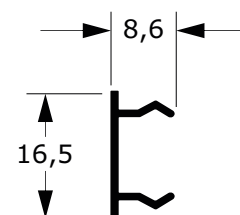
78-1651C
0,758 Kg/m



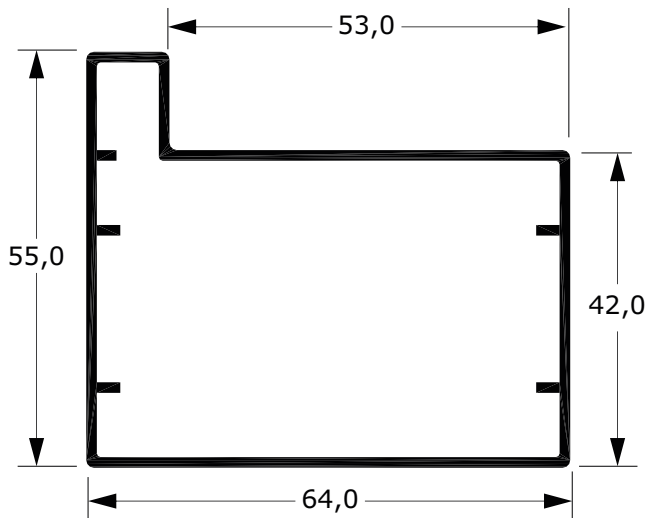
78-777
0,974 Kg/m



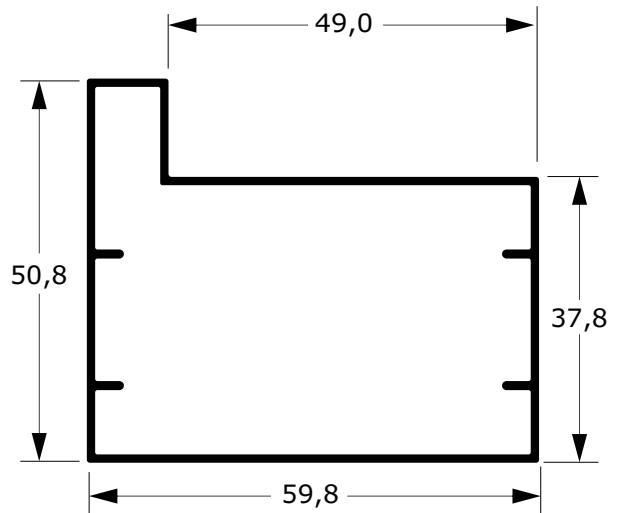
78-778
0,897 Kg/m



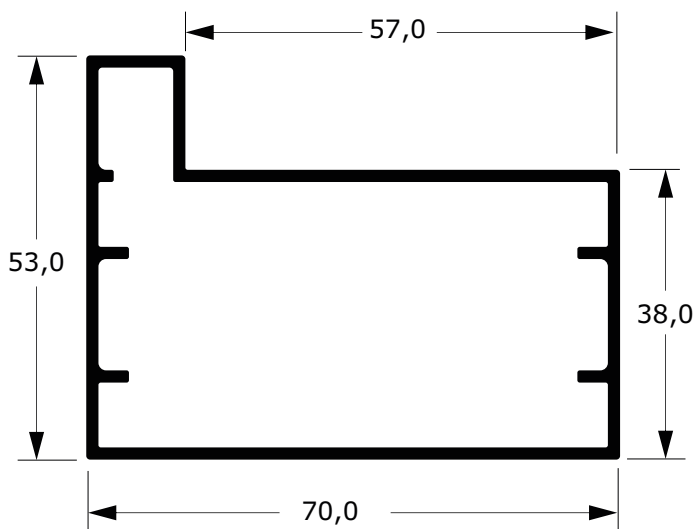
39-1058
0,085 Kg/m



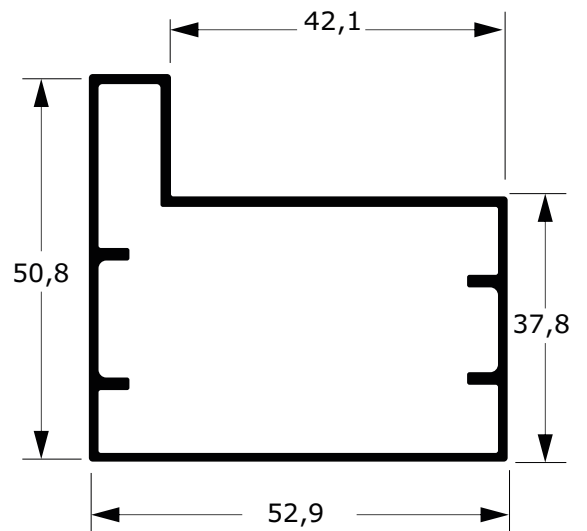
78-137
0,926 Kg/m



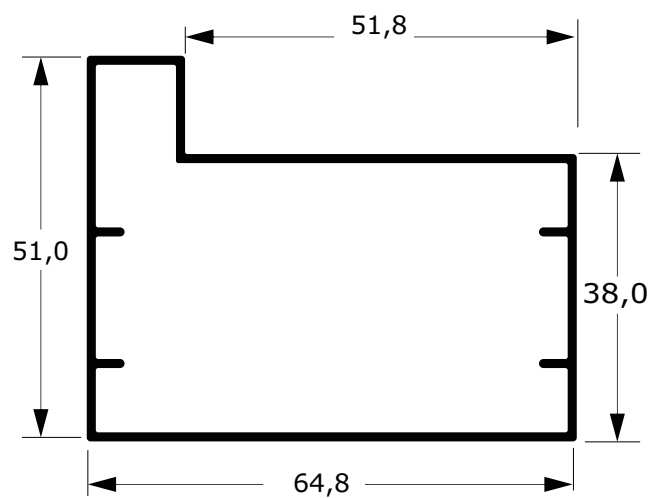
78-947
0,694 Kg/m



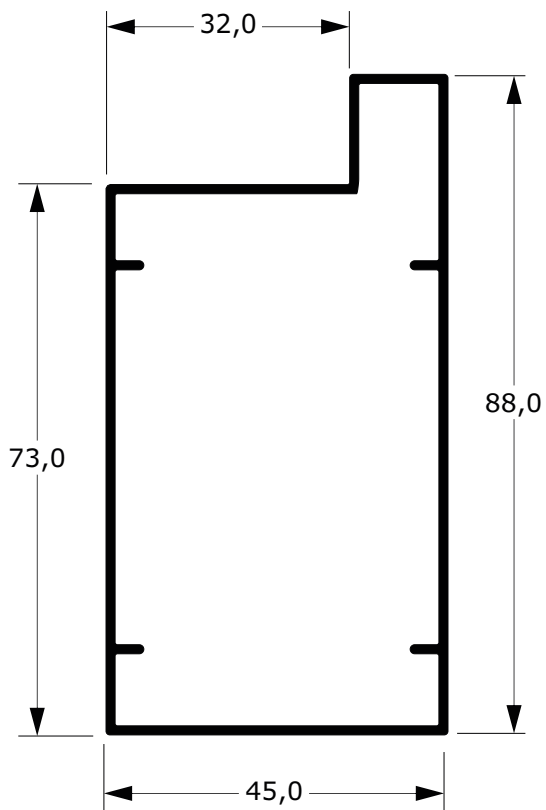
78-484
1,119 Kg/m (PC-010)



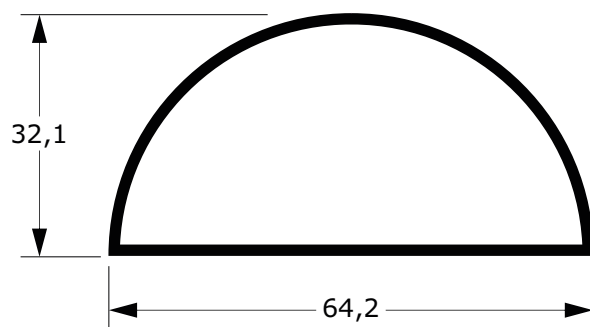
78-1097 C
0,653 Kg/m



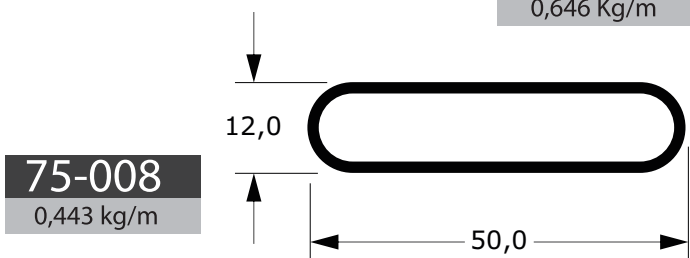
78-889
0,785 Kg/m



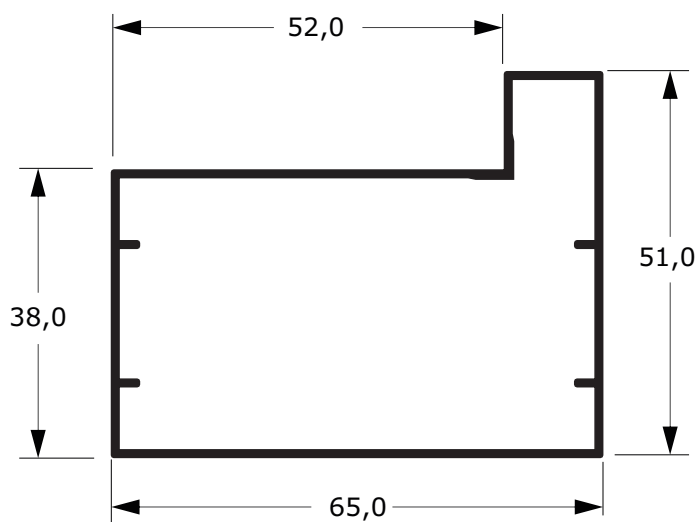
78-140
1,030 Kg/m



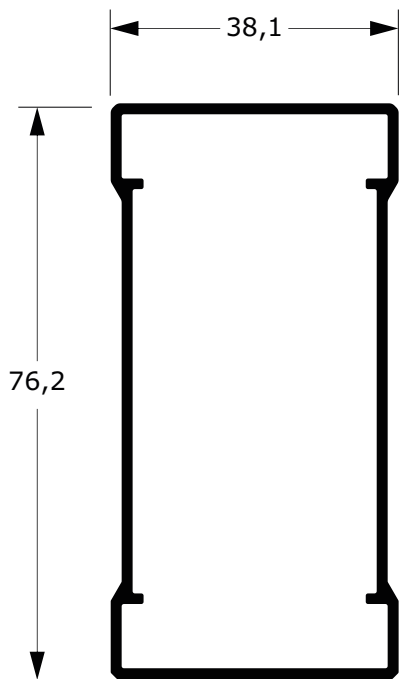
78-081
0,646 Kg/m



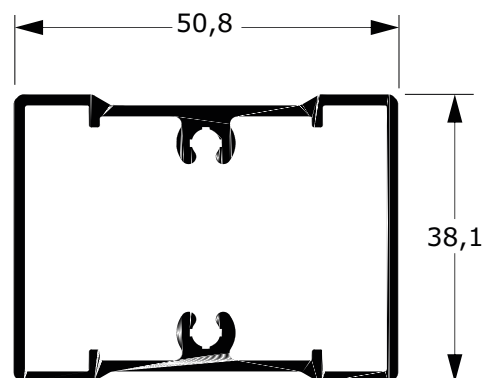
75-008
0,443 kg/m



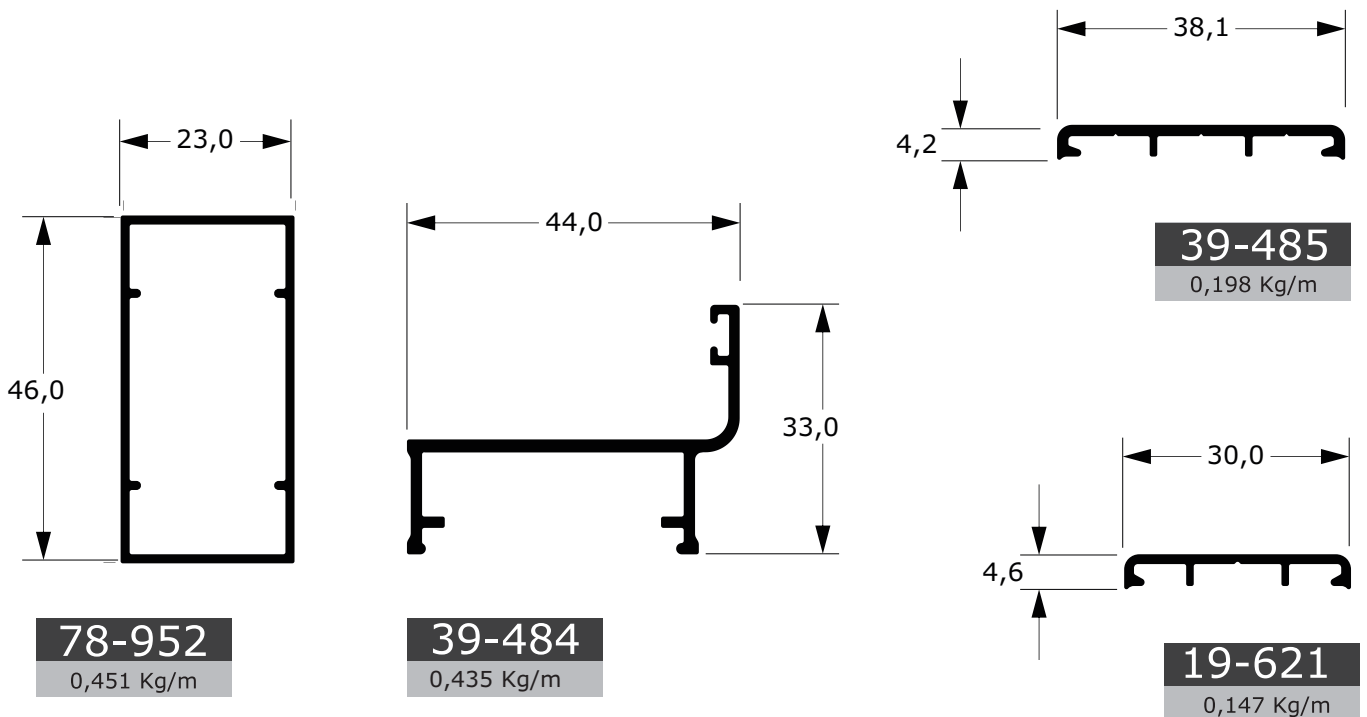
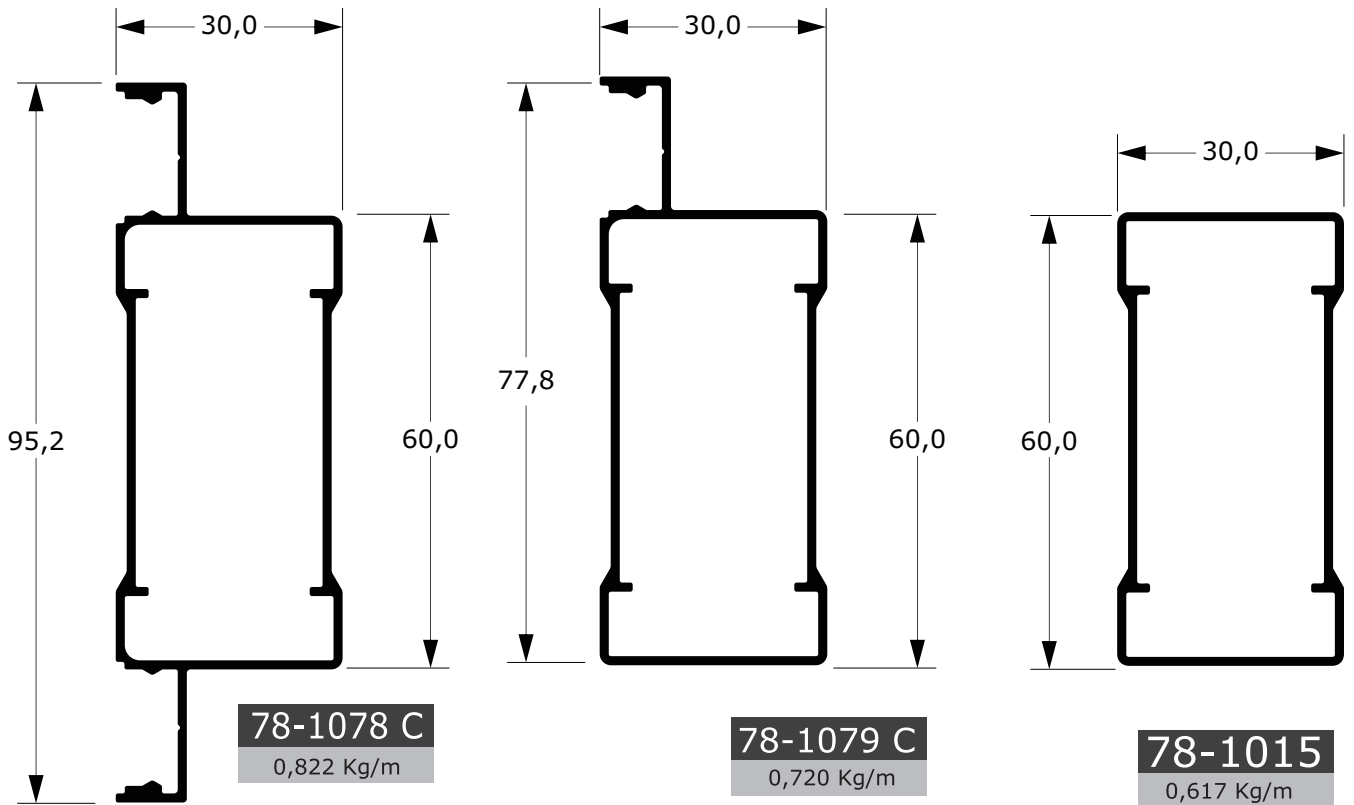
78-2186 C
0,652 Kg/m

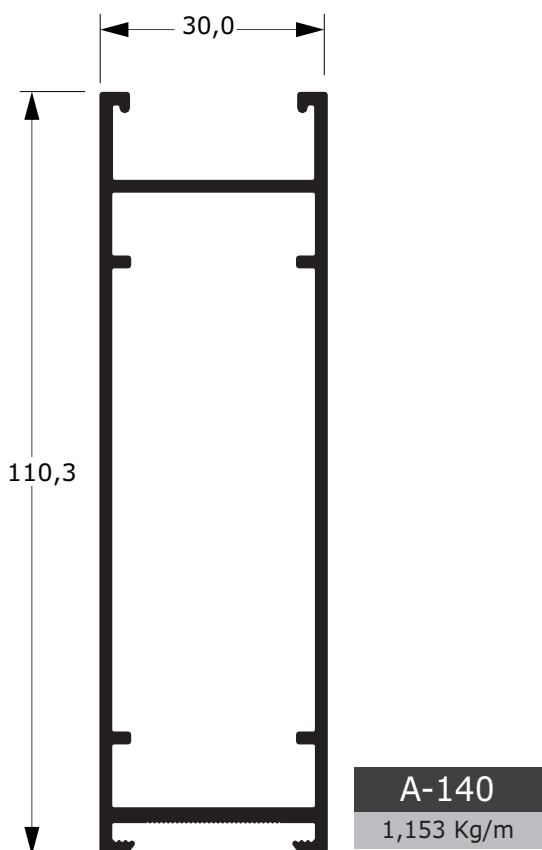
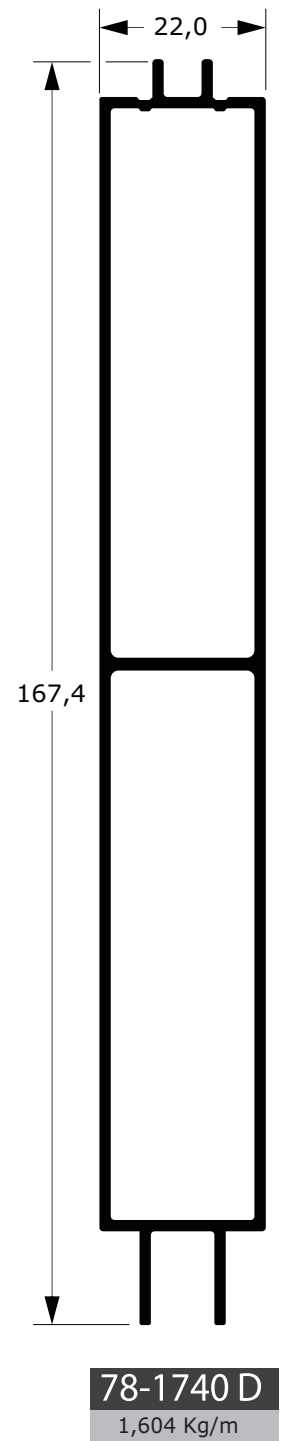
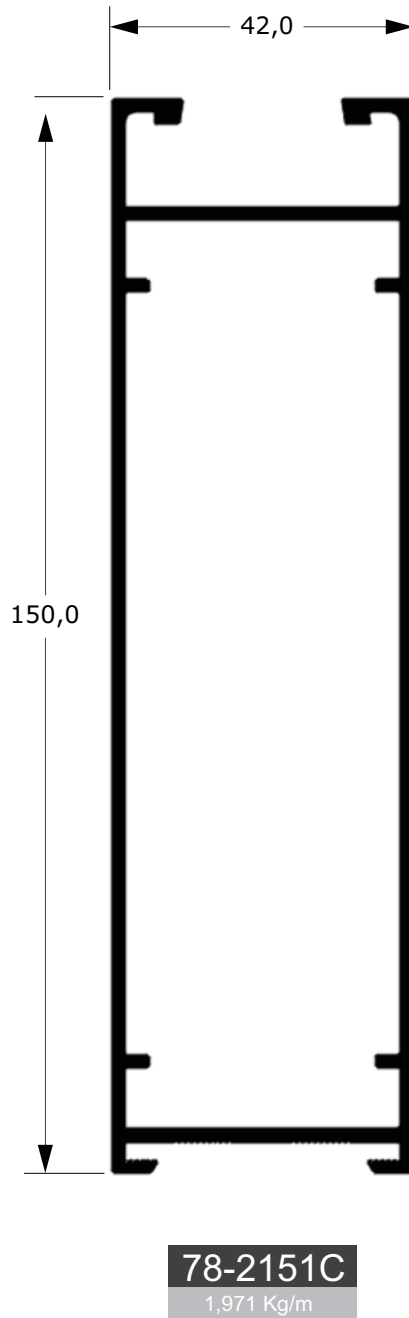
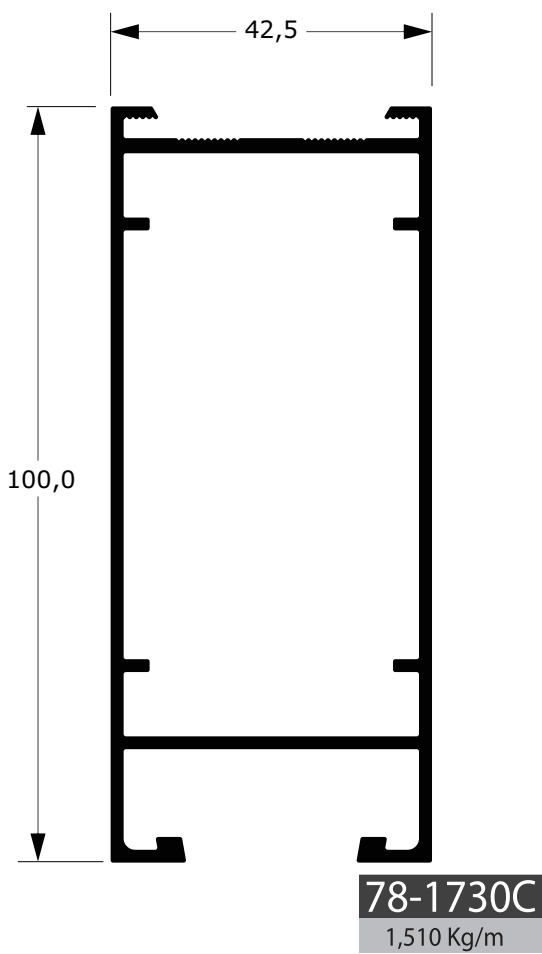


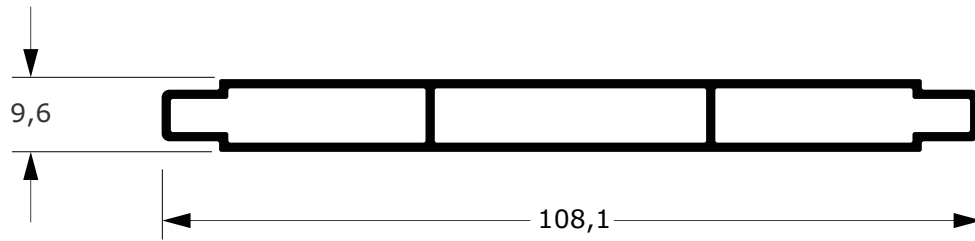
78-383
0,920 Kg/m



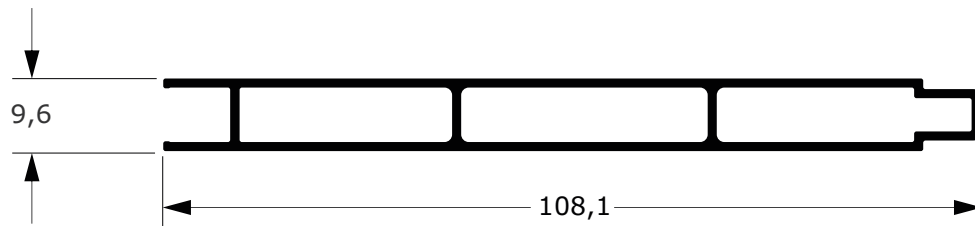
78-384
0,882 Kg/m



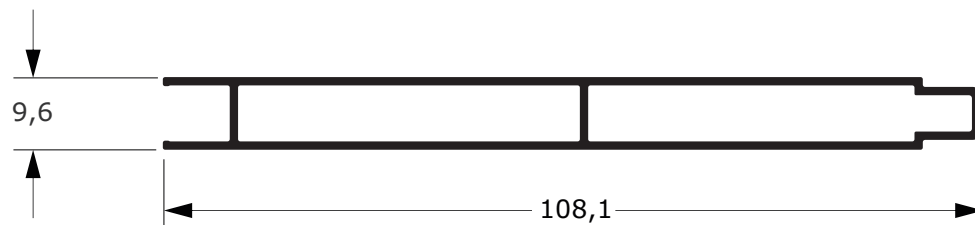




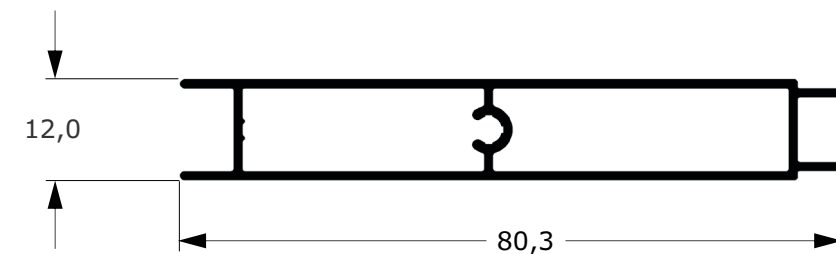
78-1958D
0,795 Kg/m



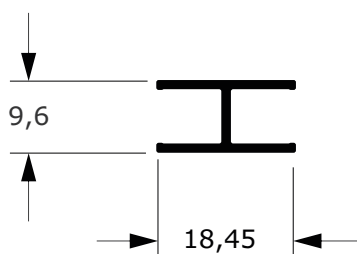
78-1873C
0,805 Kg/m



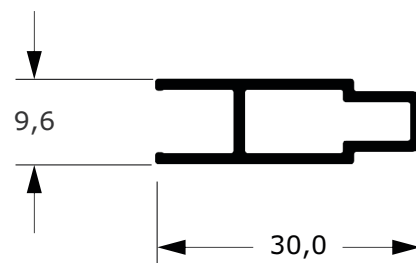
79-089 C
0,710 Kg/m



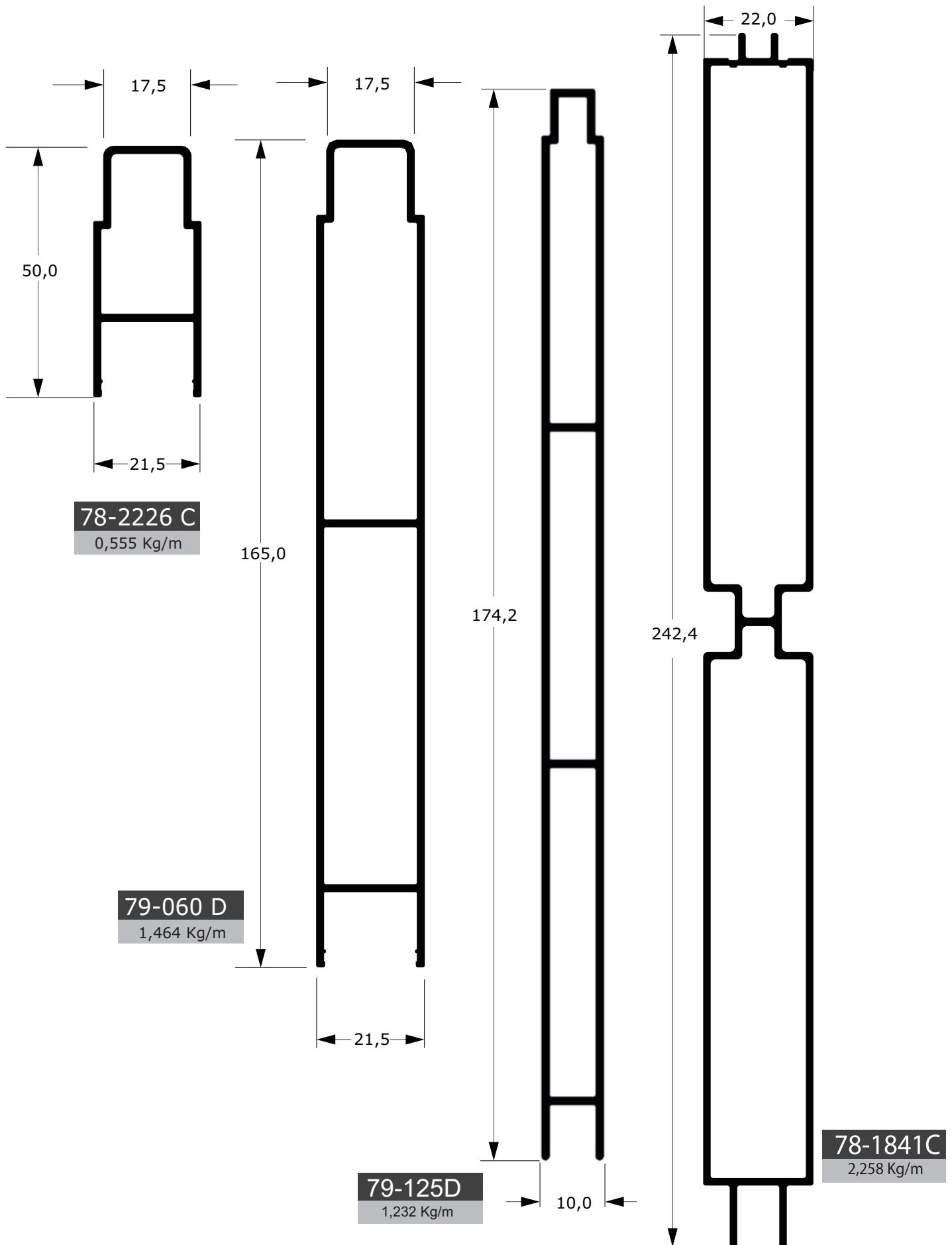
79-025C
0,536 Kg/m

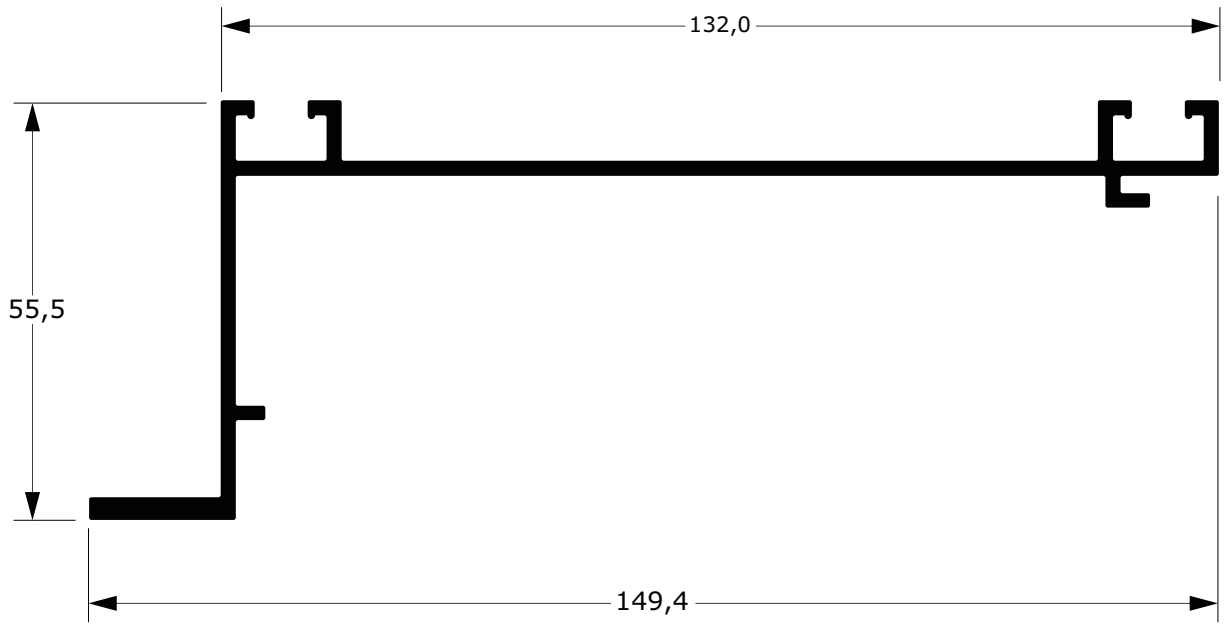


39-2072C
0,145 Kg/m

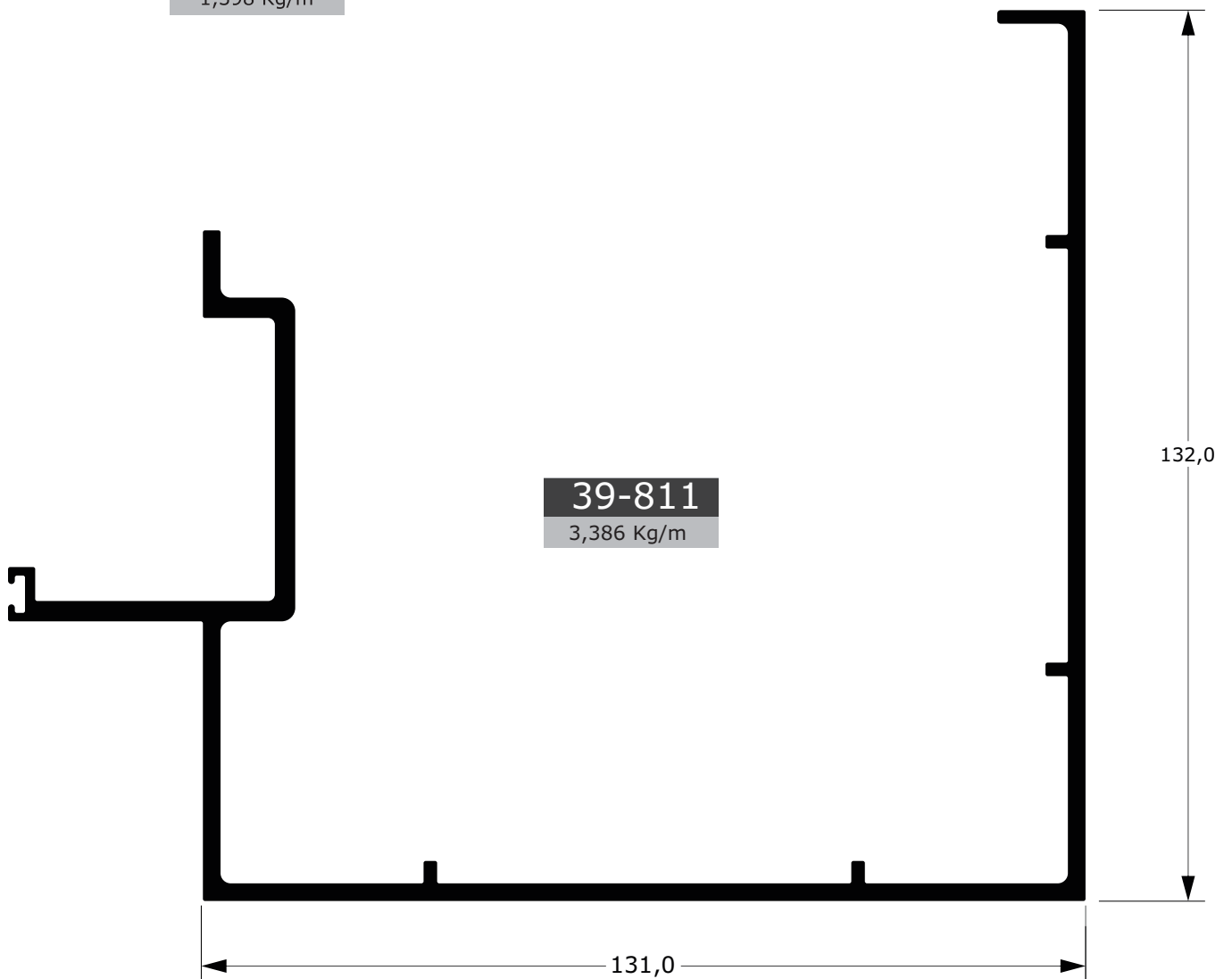


78-2302C
0,242 Kg/m

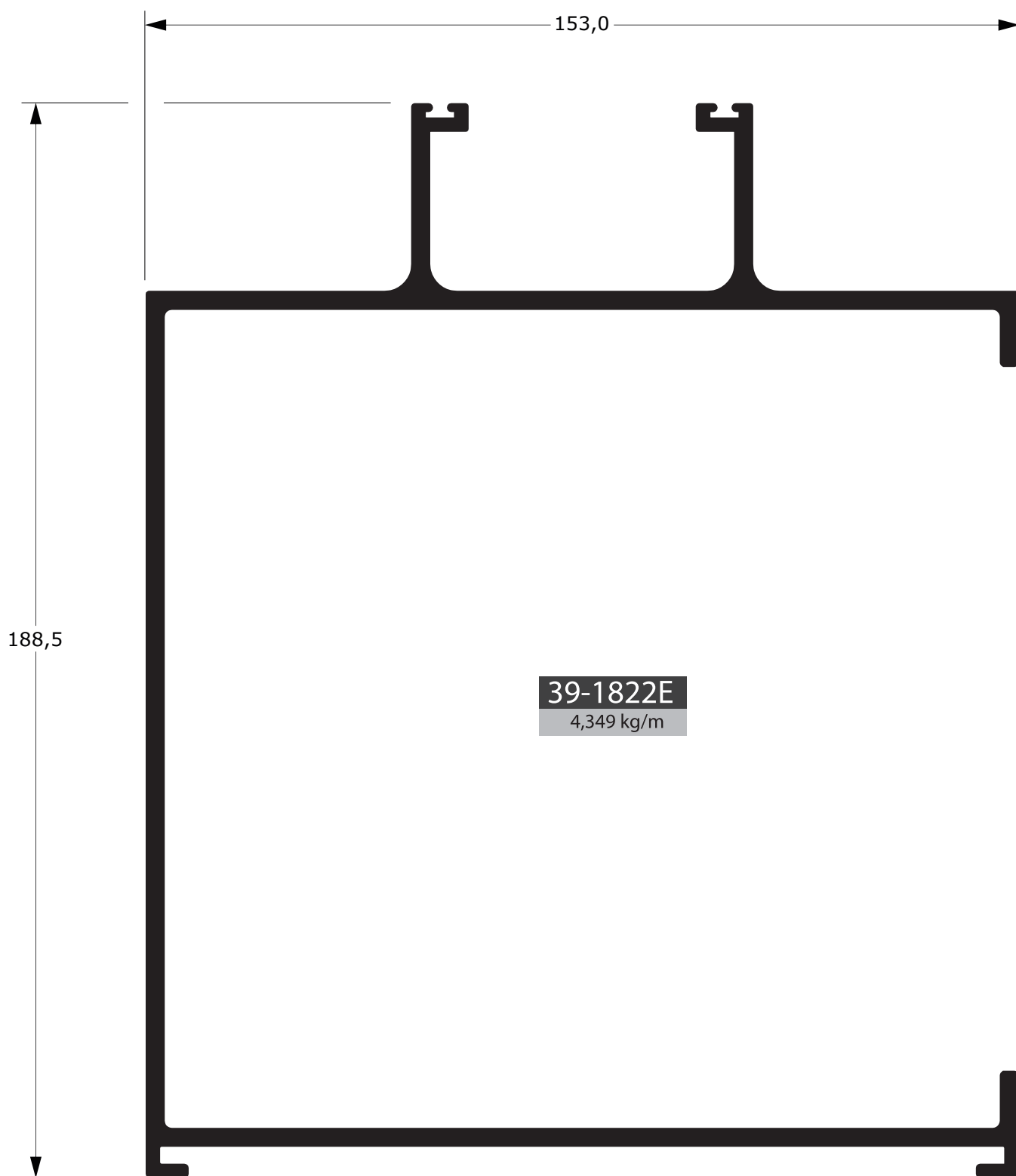


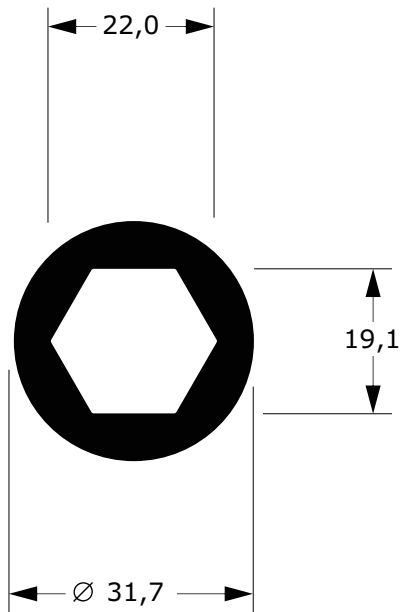


29-160
1,398 Kg/m

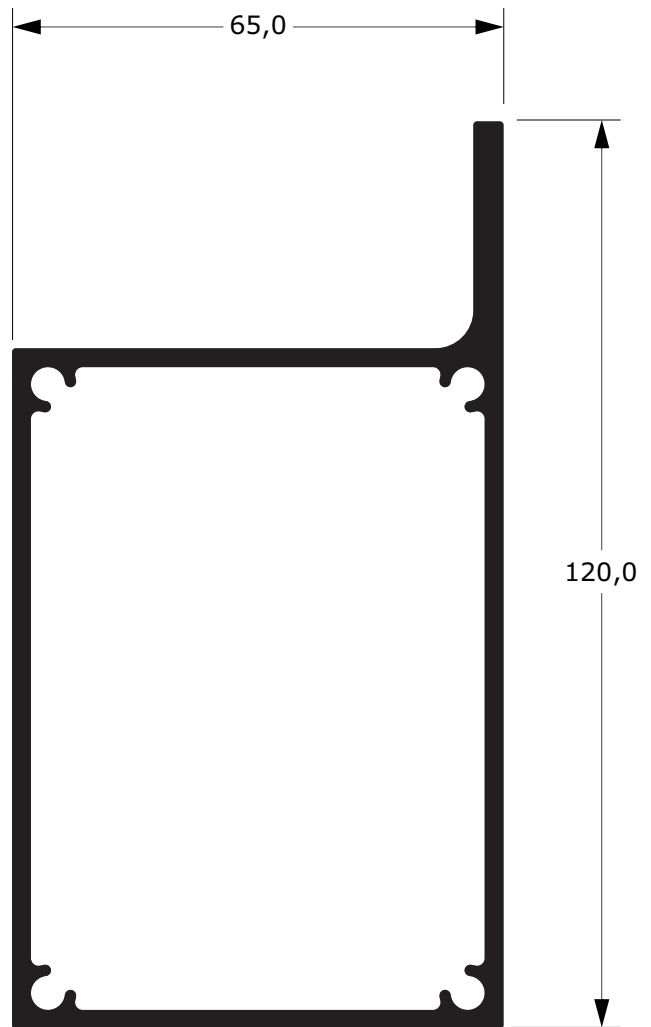


39-811
3,386 Kg/m

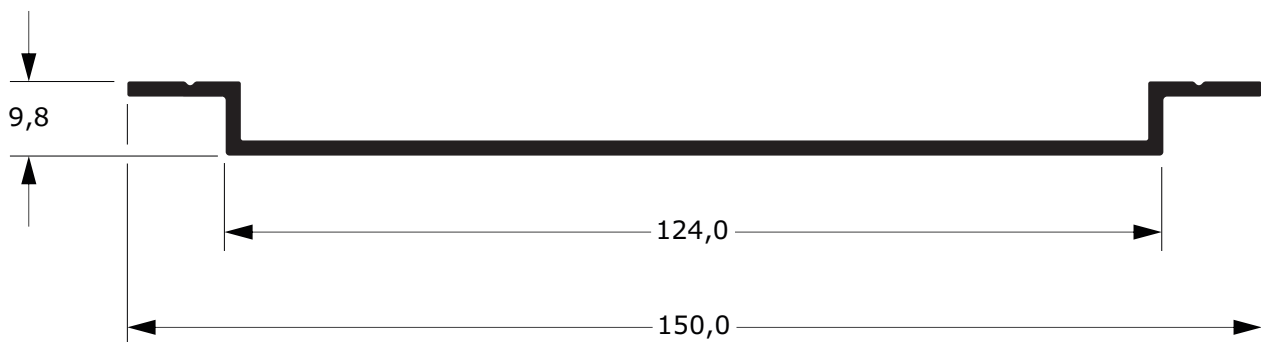




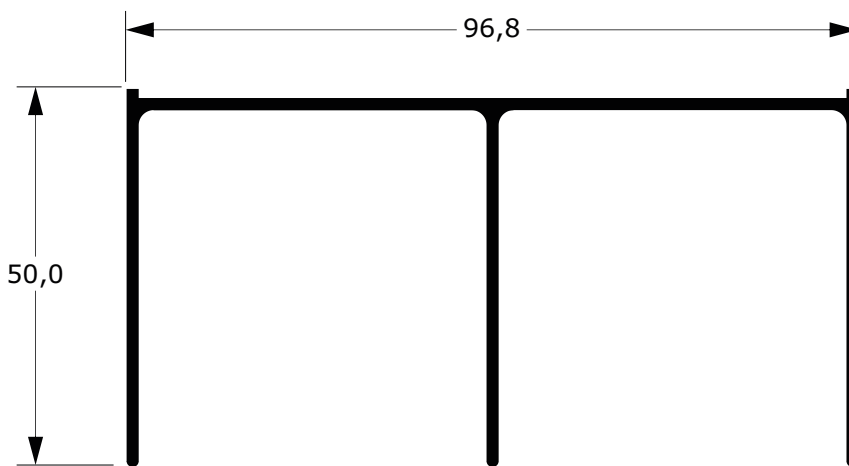
78-1962C
1,287 Kg/m



78-1653D
2,487 Kg/m



31-085C
0,894 Kg/m



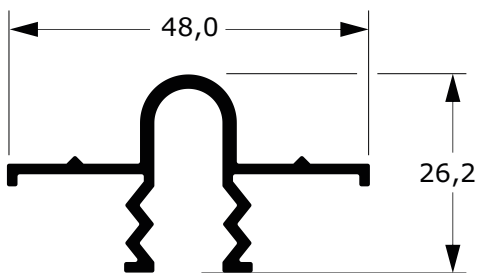
E-363

1,051 Kg/m

(PC-001)

78-871

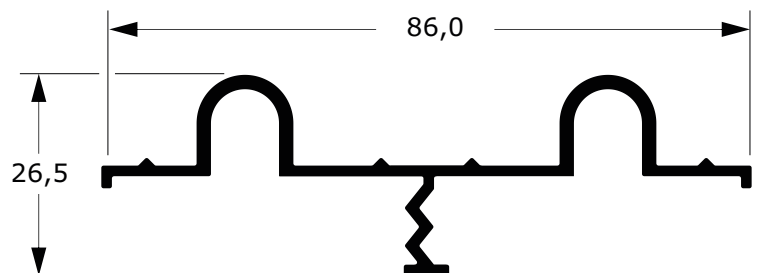
0,249 kg/m



E-364

0,458 Kg/m

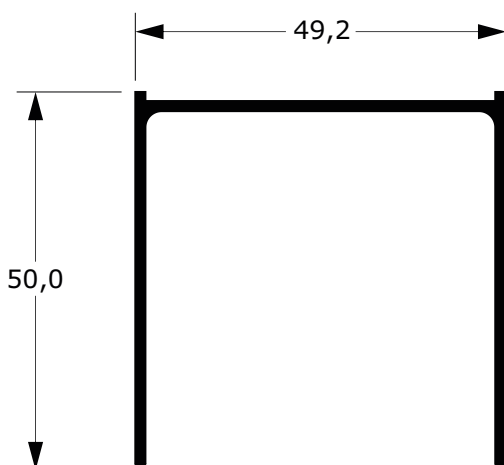
(PC-006)



E-365

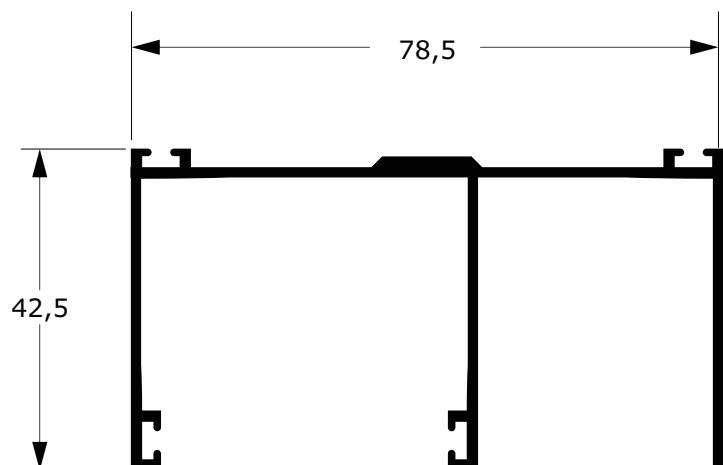
0,656 Kg/m

(PC-005)



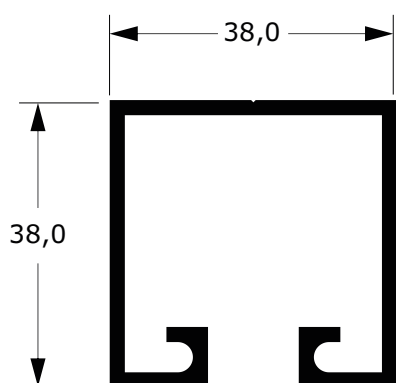
39-498

0,636 Kg/m



39-318

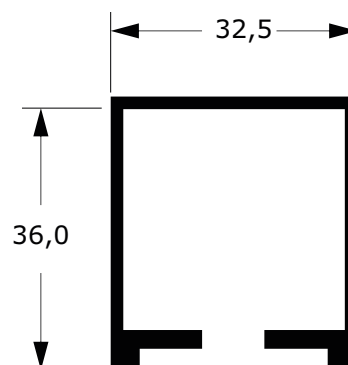
0,933 Kg/m



U-990 A

0,635 Kg/m

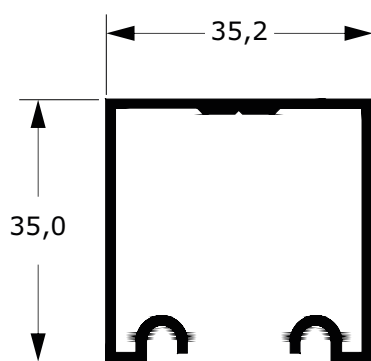
(DS-152)



U-164

0,708 Kg/m

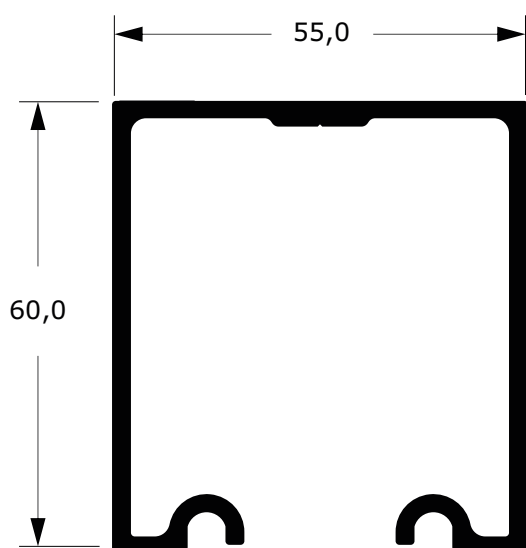
(DS-009)



U-1098

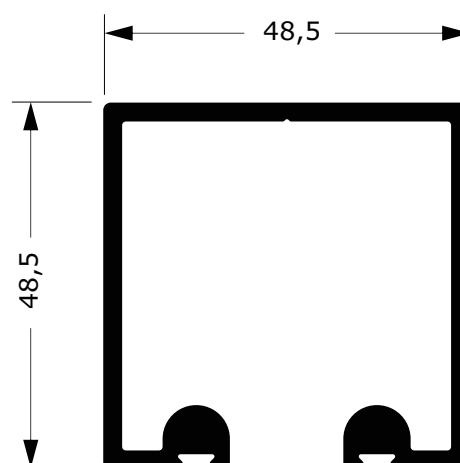
0,494 Kg/m

(DS-266)



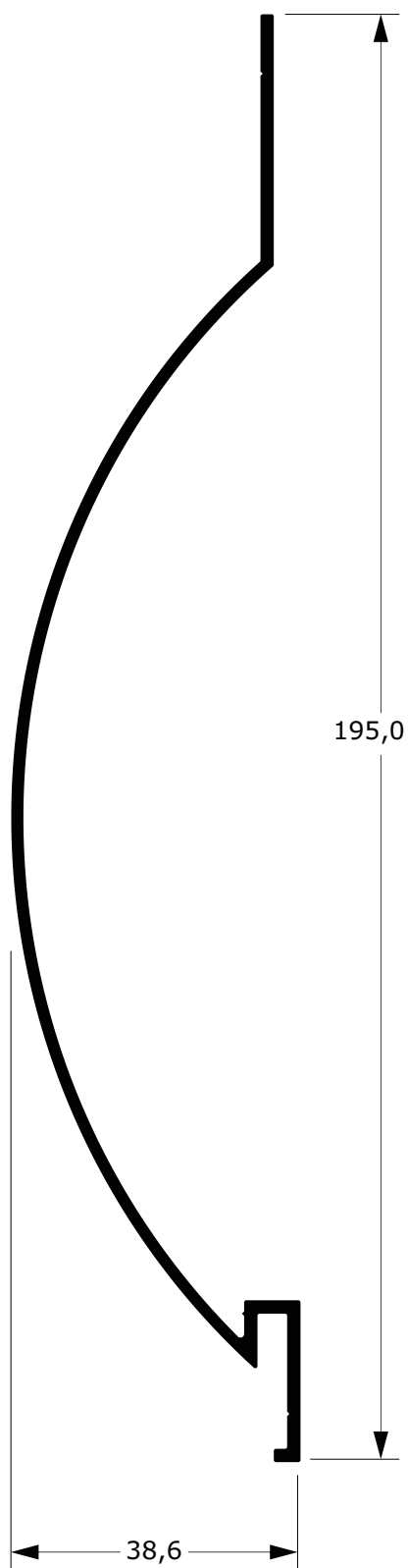
U-1048

1,463 Kg/m

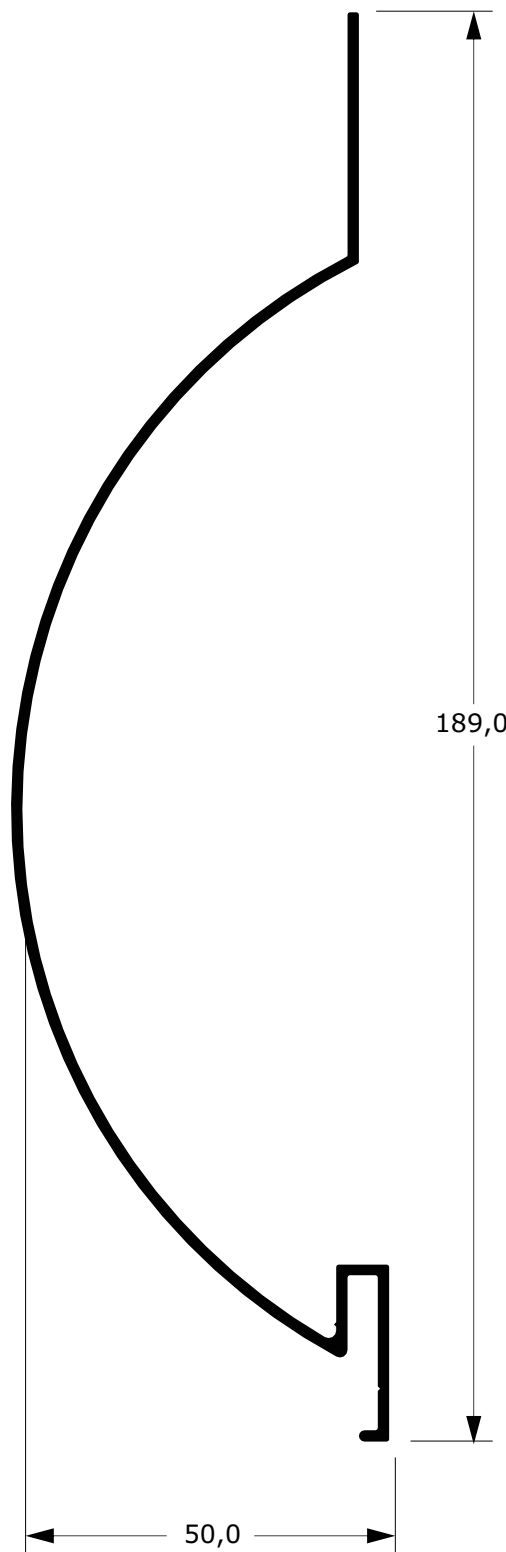


65-241D

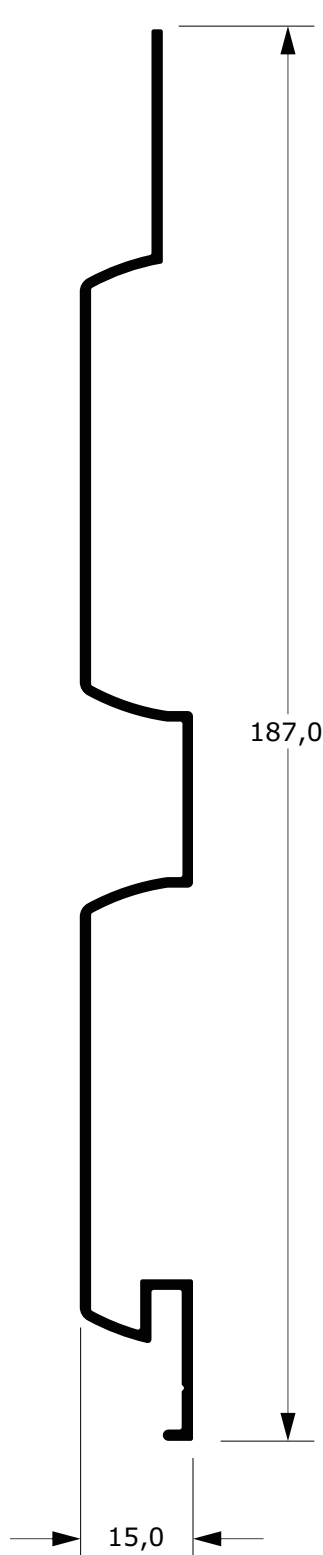
1,316 Kg/m



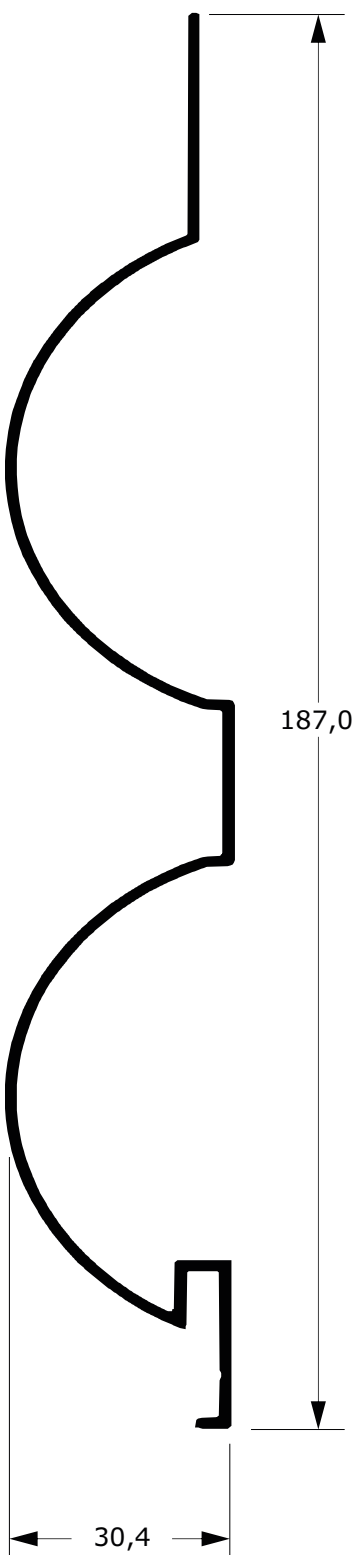
19-186
0,890 Kg/m



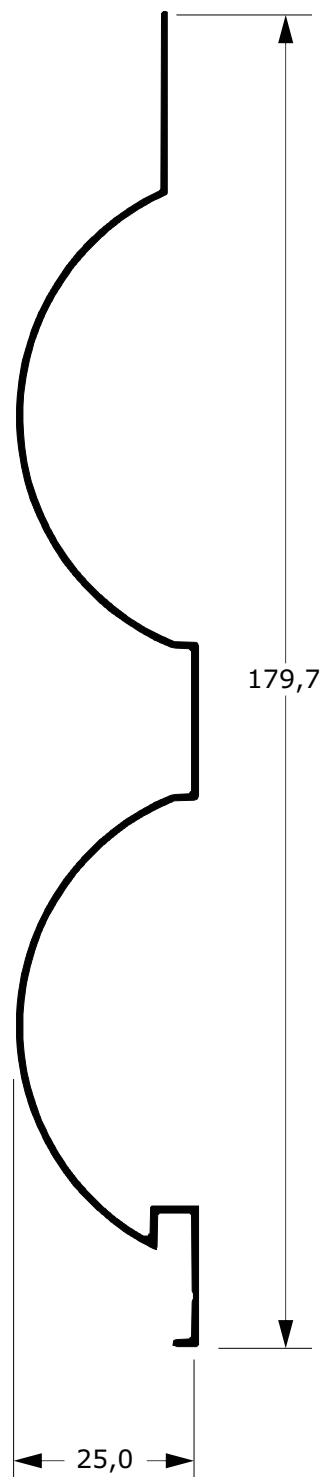
LB-038
0,970 Kg/m



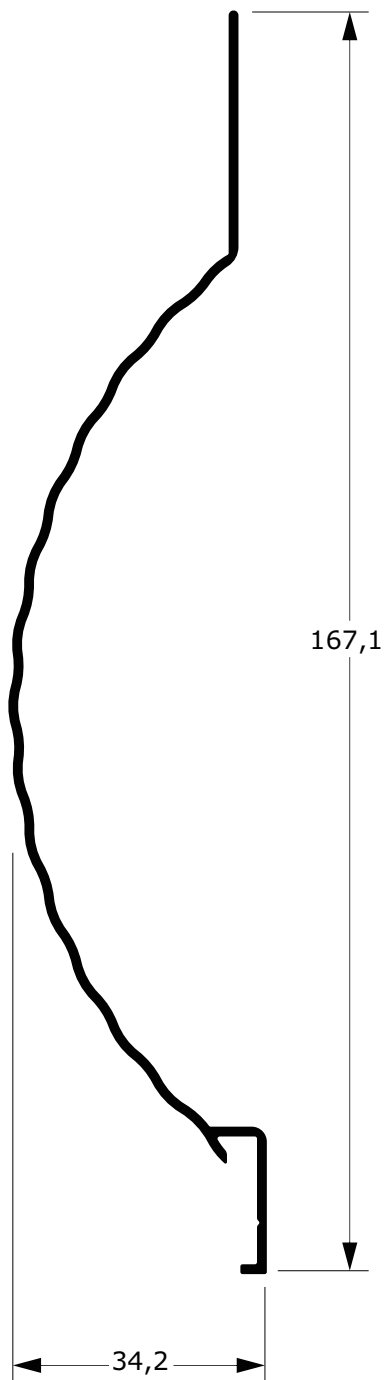
19-375
0,959 Kg/m



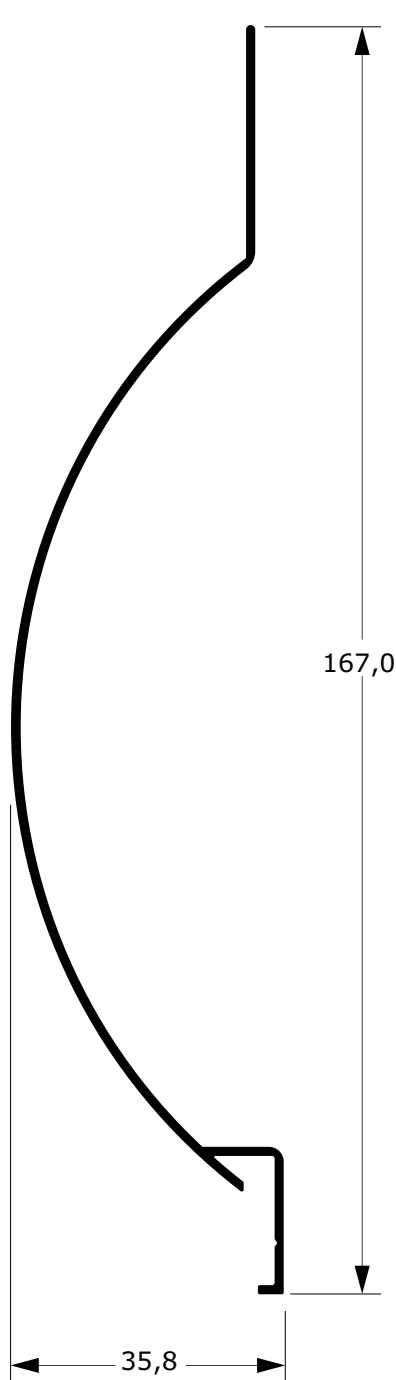
19-248
1,020 Kg/m



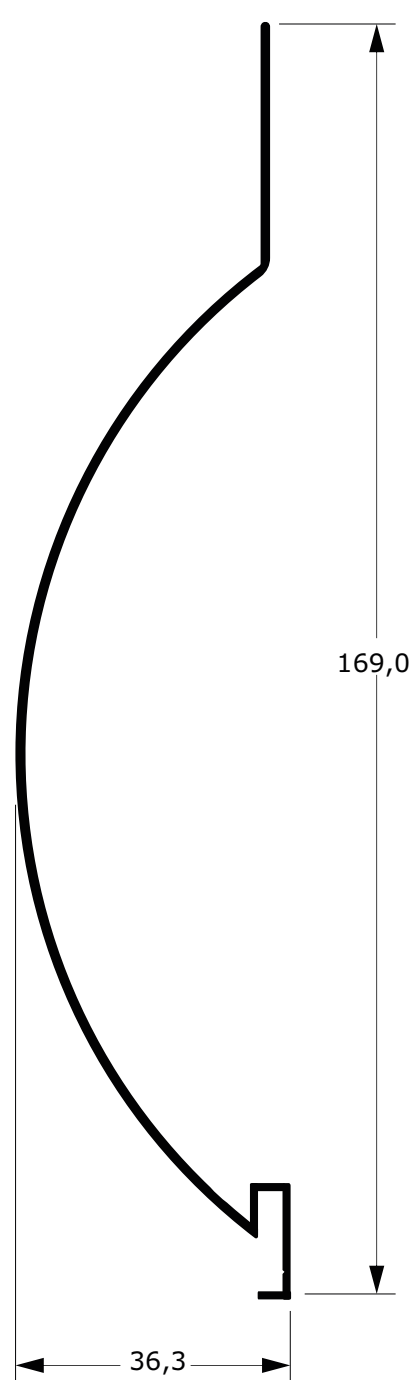
19-575
0,892 Kg/m



19-650 C
0,692 kg/m



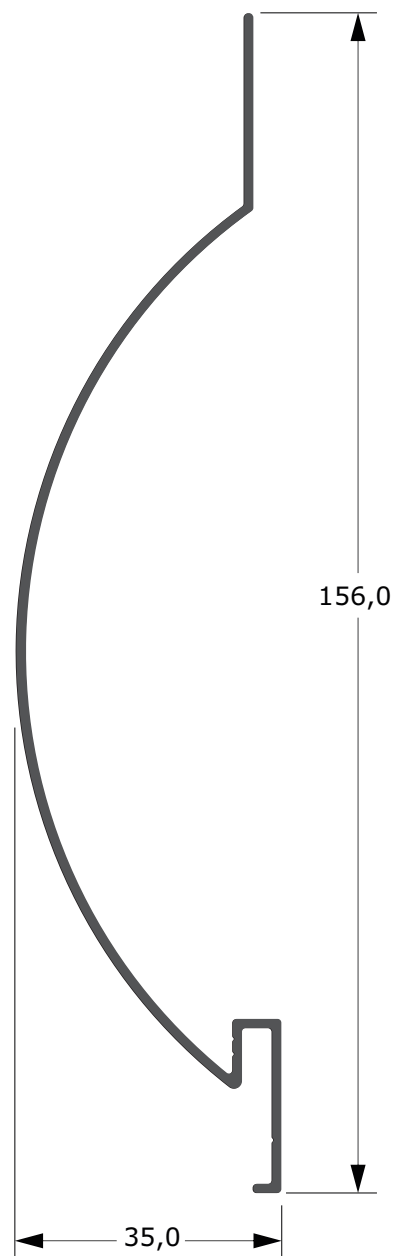
19-652 C
0,655 kg/m



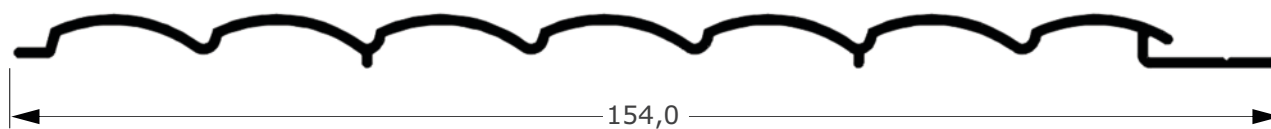
19-505
0,723 Kg/m



19-702C
0,874 Kg/m

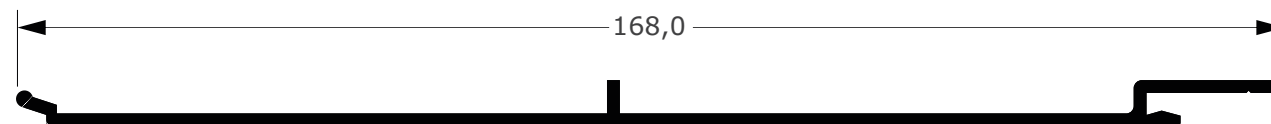


19-703C
0,645 Kg/m



Y-360

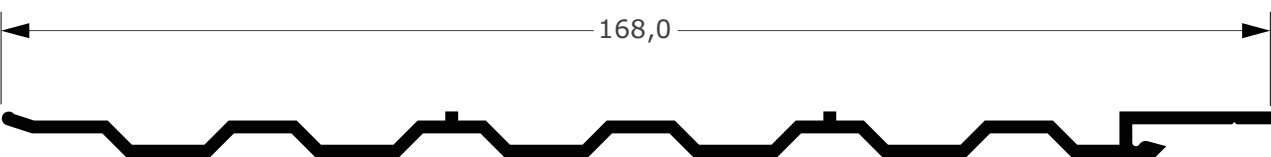
0,533 Kg/m



Y-335

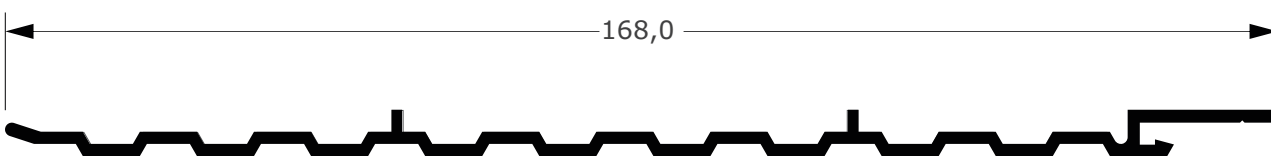
0,723 Kg/m

(LB-036)



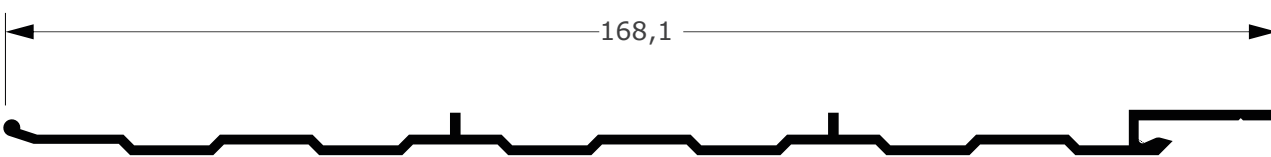
Y-354

0,866 Kg/m



Y-355

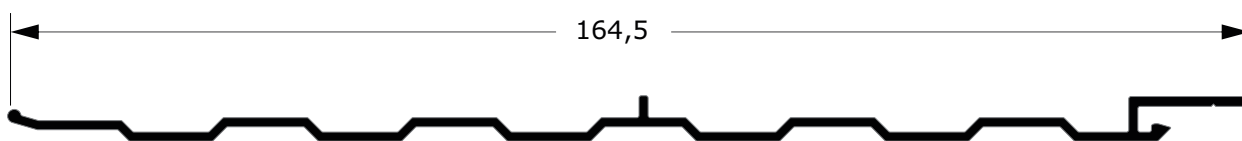
0,872 Kg/m



Y-429

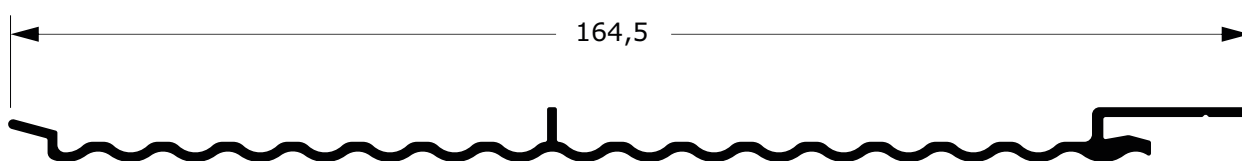
0,684 Kg/m

(LB-050)



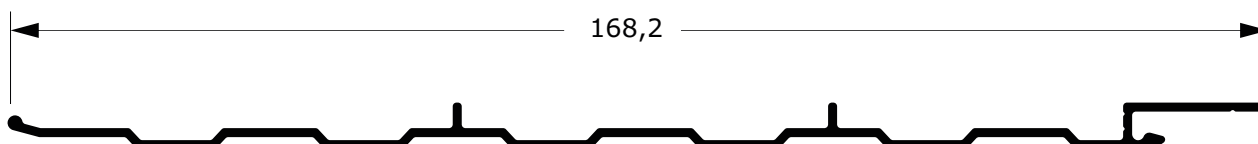
Y-429 A

0,609 Kg/m



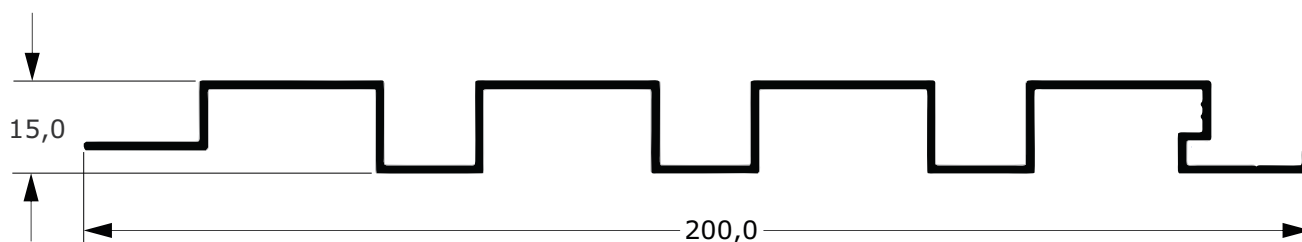
19-541

0,720 Kg/m



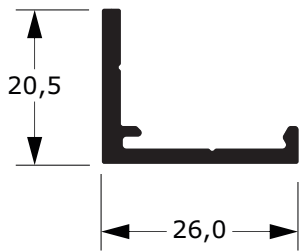
19-704C

0,631 Kg/m



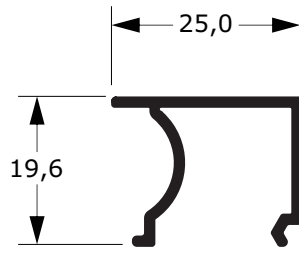
19-1078D

1,030 Kg/m



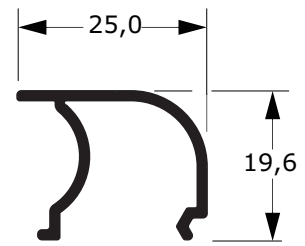
29-317C

0,290 Kg/m



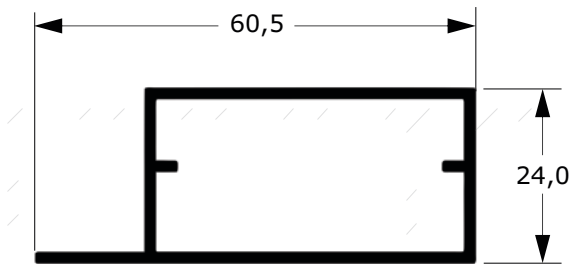
39-2073C

0,219 Kg/m



39-2074C

0,206 Kg/m



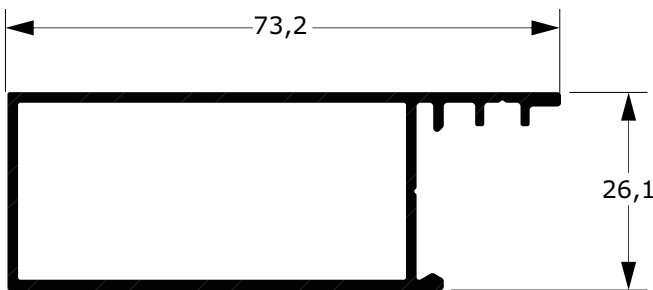
78-2391D

0,626 kg/m



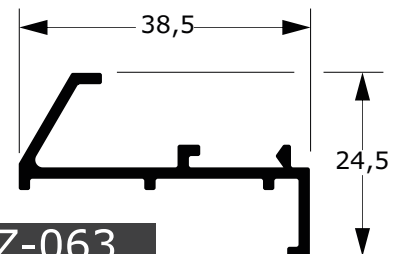
Z-033

0,351 Kg/m



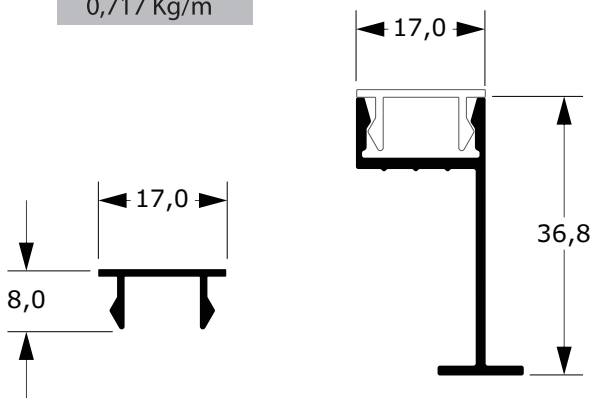
78-2070C

0,717 Kg/m



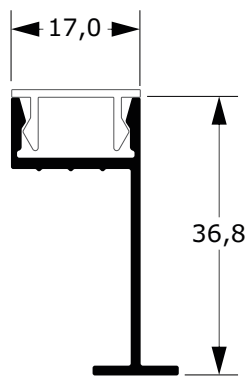
Z-063

0,325 Kg/m



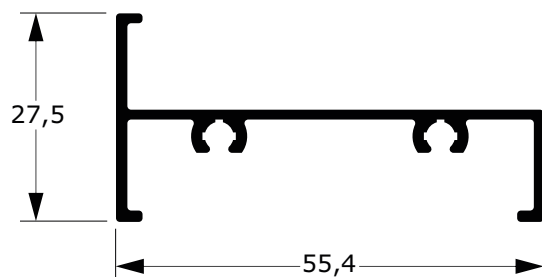
U-491

0,093 Kg/m



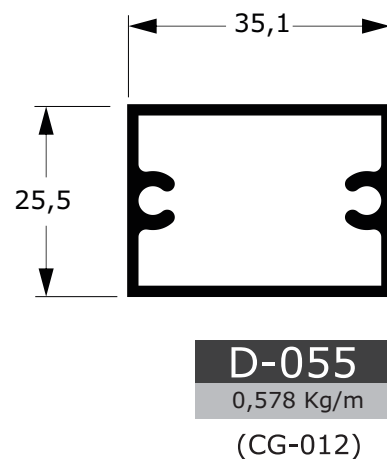
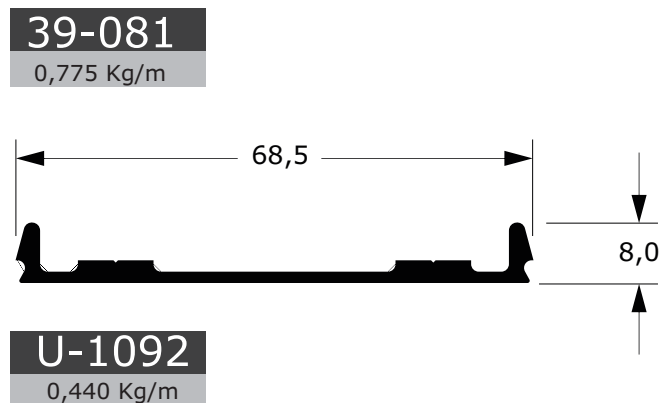
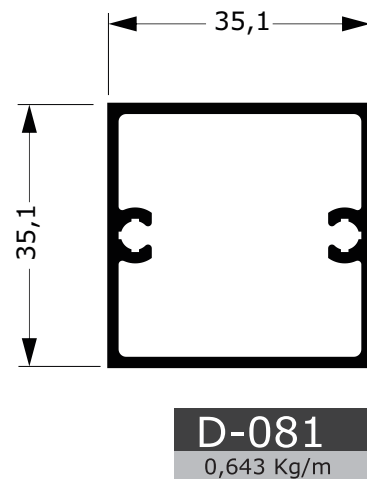
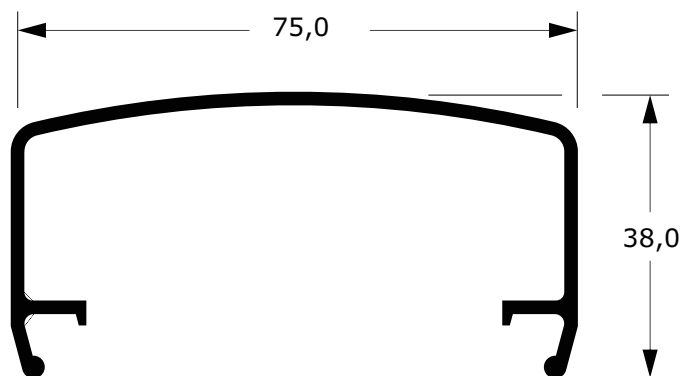
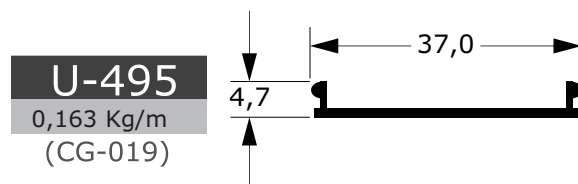
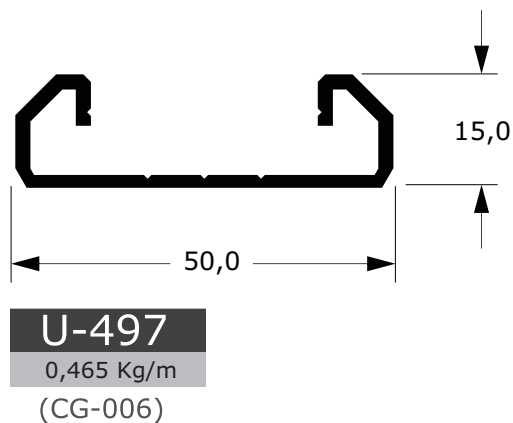
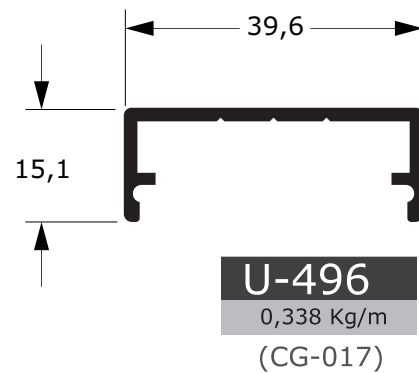
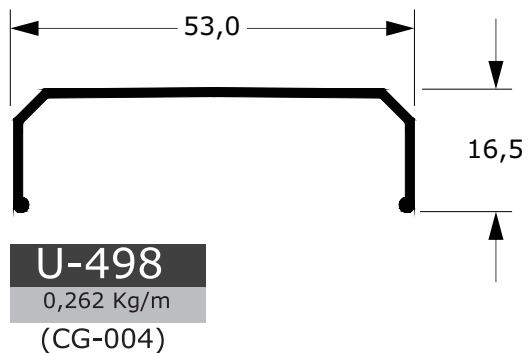
50-018

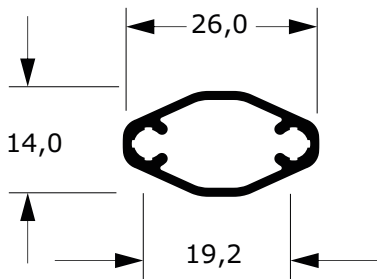
0,263 Kg/m



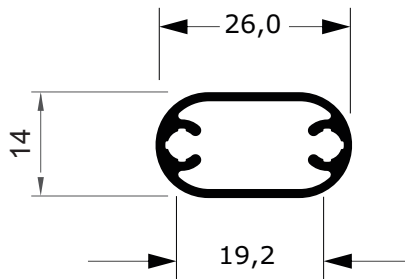
39-1134 C

0,470 kg/m

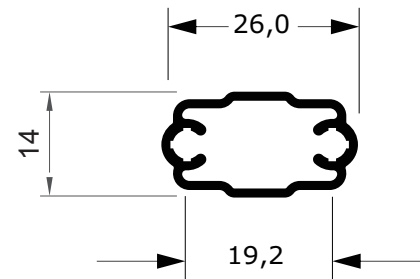




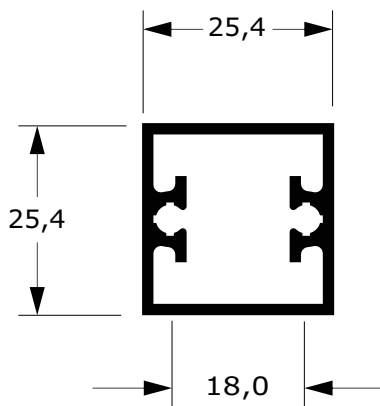
78-1021
0,248 Kg/m



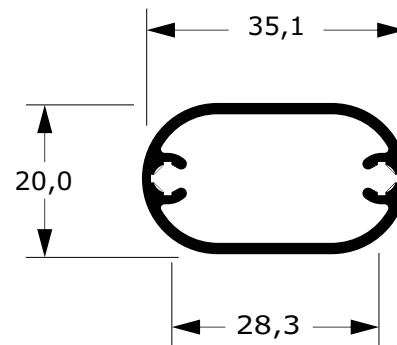
78-1017
0,286 Kg/m



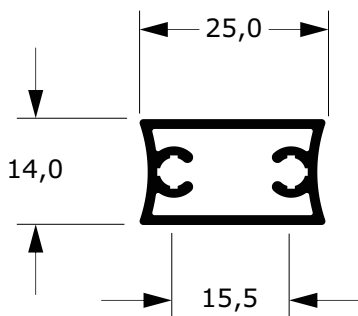
78-1016
0,270 Kg/m



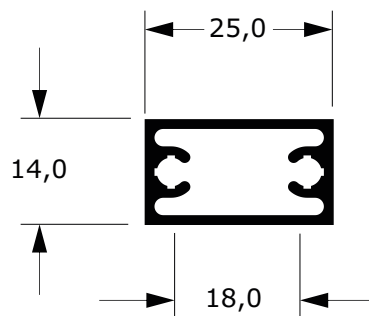
D-080
0,525 Kg/m



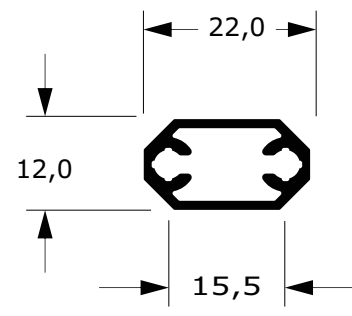
78-366
0,388 Kg/m



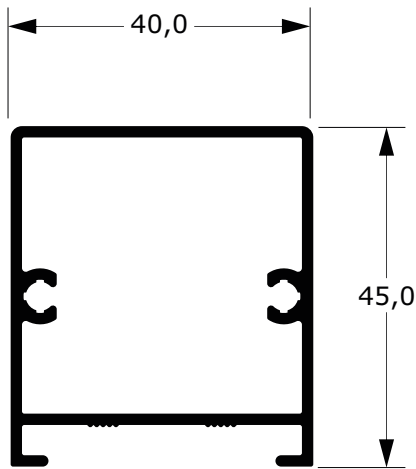
D-056
0,333 Kg/m



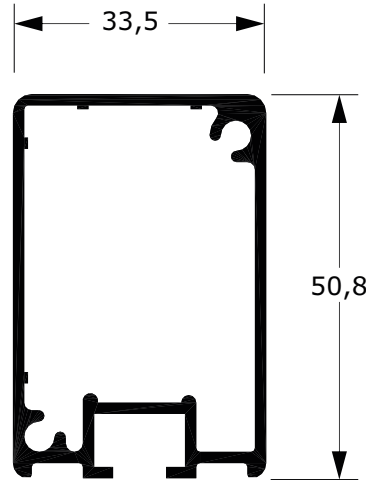
D-082
0,349 Kg/m
(CG-021)



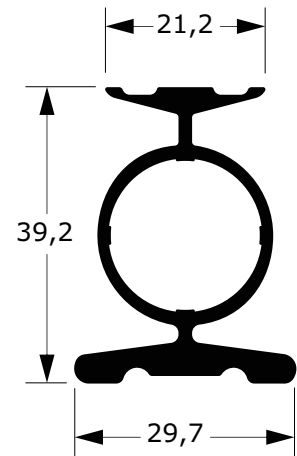
D-070
0,256 Kg/m



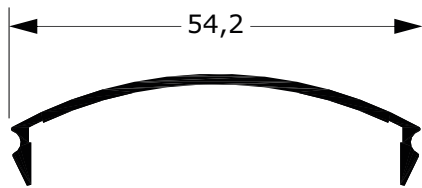
D-199
0,796 Kg/m
(CG-097)



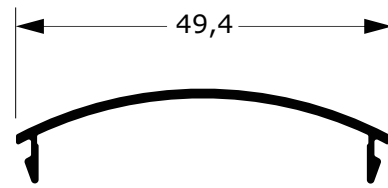
78-088
0,858 Kg/m
(CG-077)



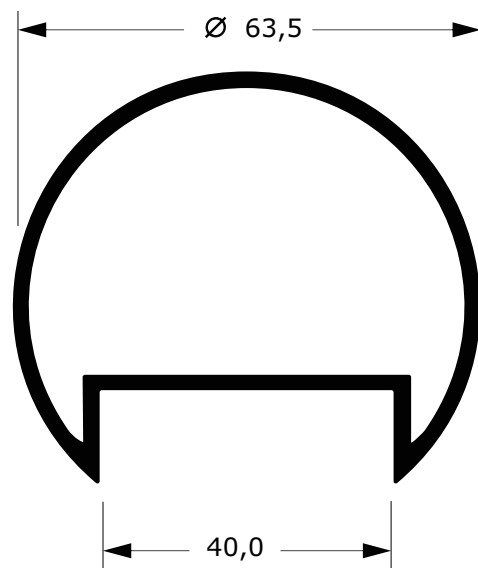
78-1031
0,802 Kg/m



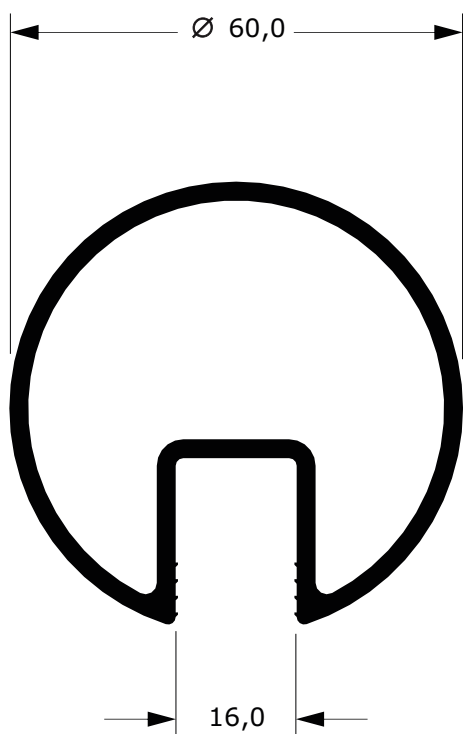
19-002
0,267 Kg/m
(CG-074)



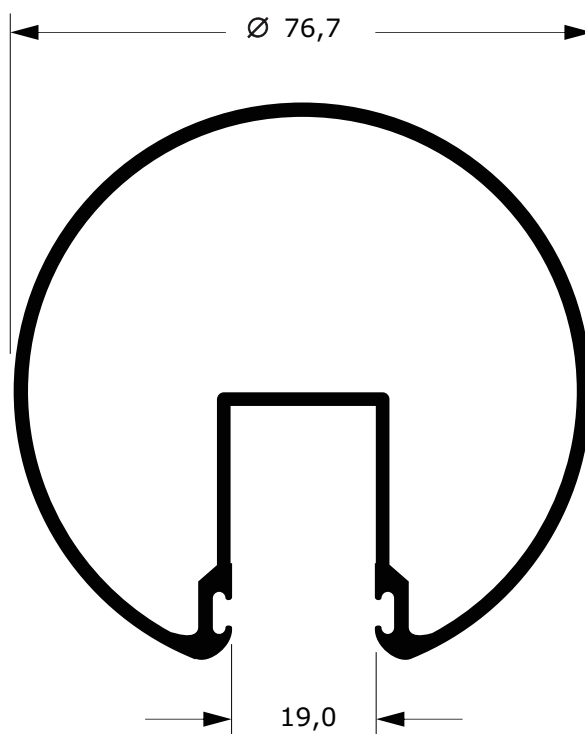
19-629
0,221 kg/m



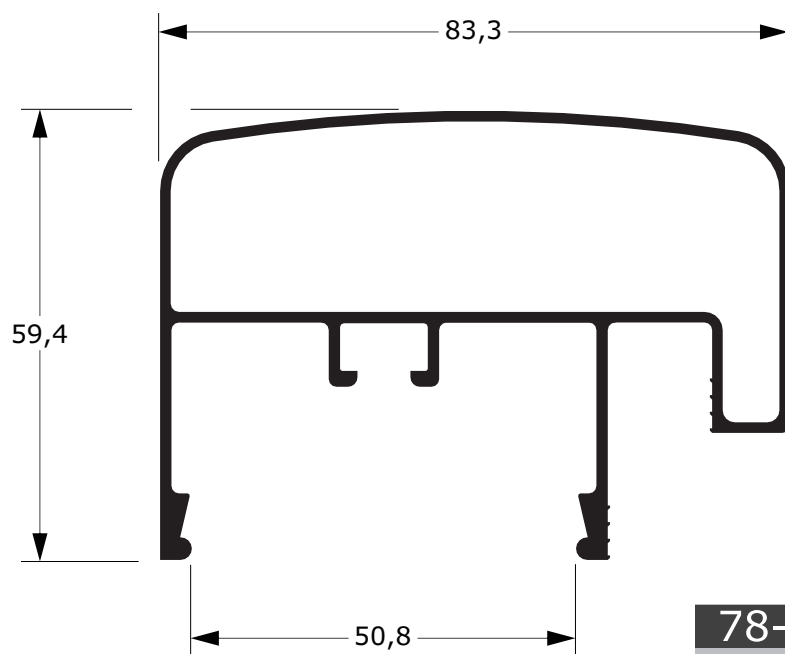
78-433
1,684 Kg/m



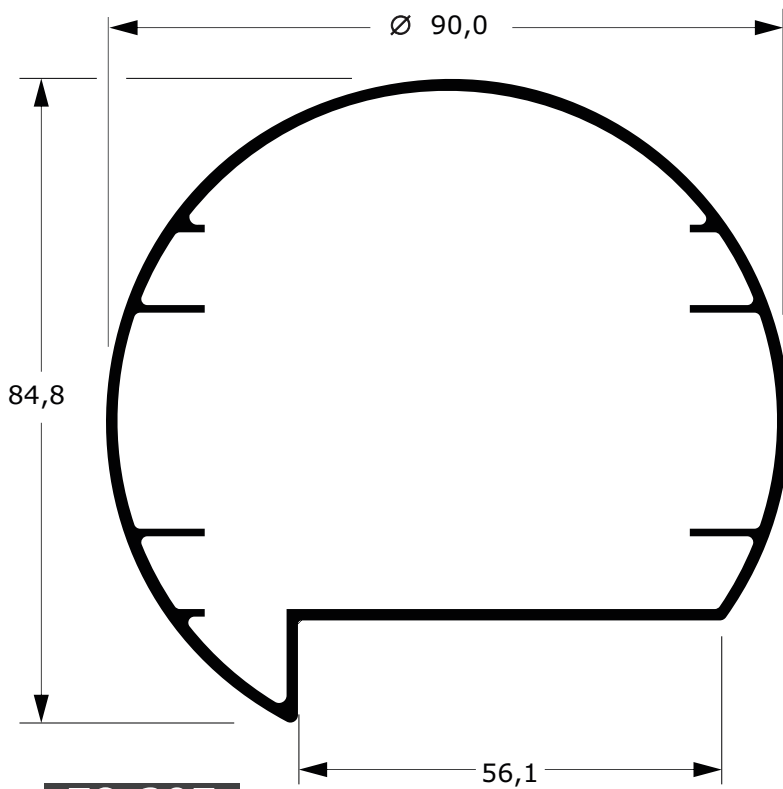
78-101
1,507 Kg/m



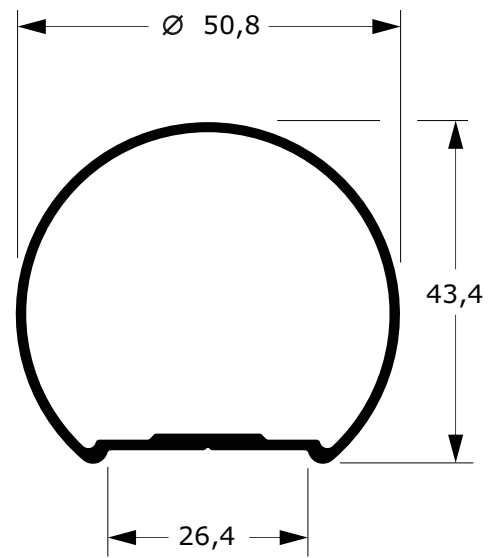
78-124
1,670 Kg/m



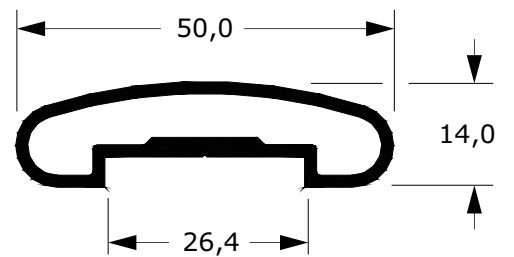
78-004
1,345 Kg/m
(CG-083)



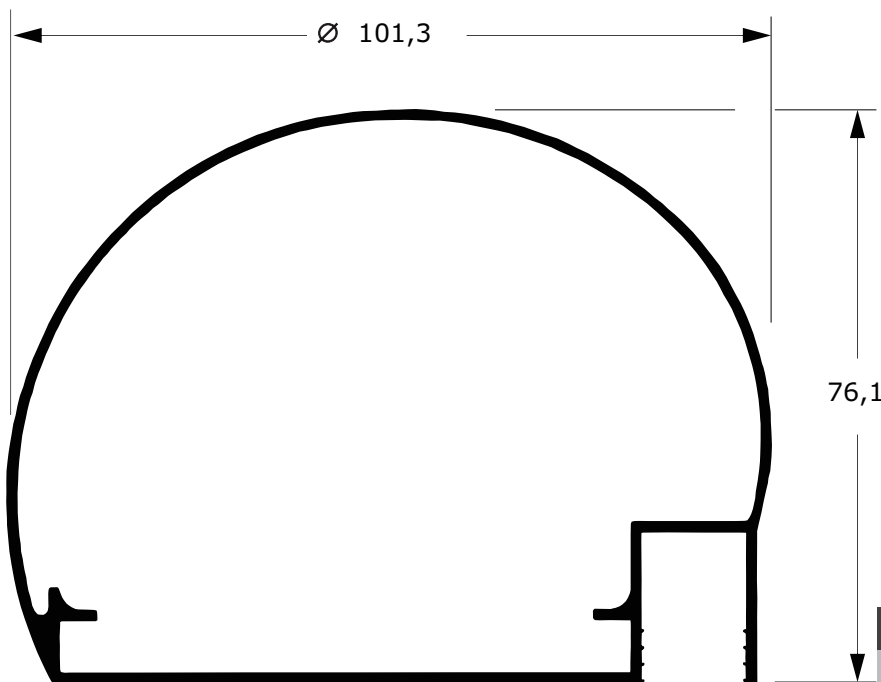
78-397
1,291 Kg/m



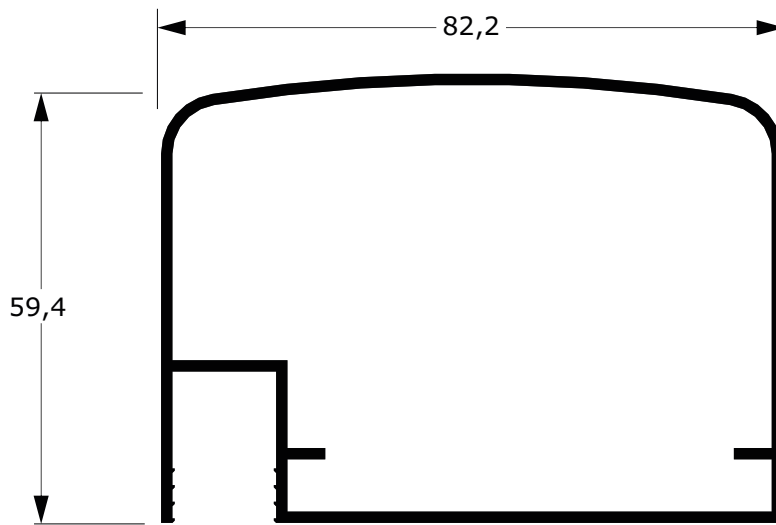
78-260
0,660 Kg/m



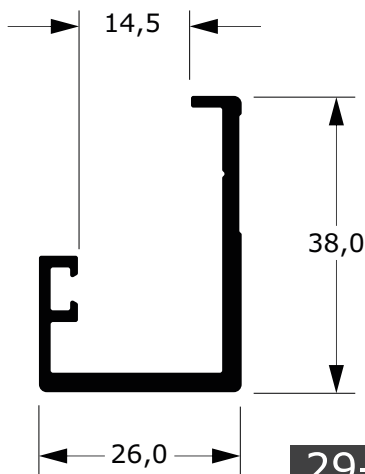
D-095
(CG-003) 0,544 Kg/m



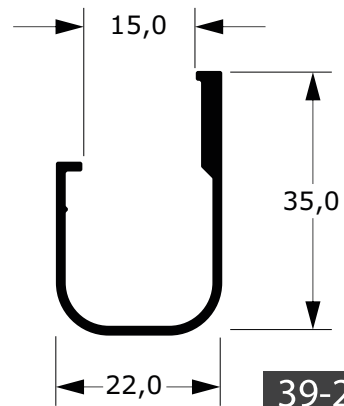
78-690
1,412 Kg/m



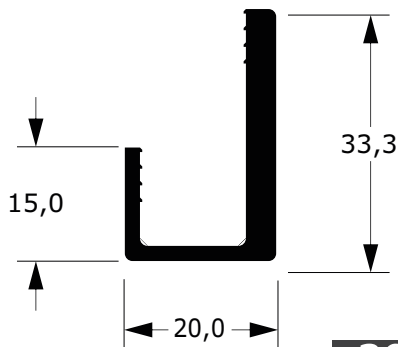
78-054
1,200 Kg/m



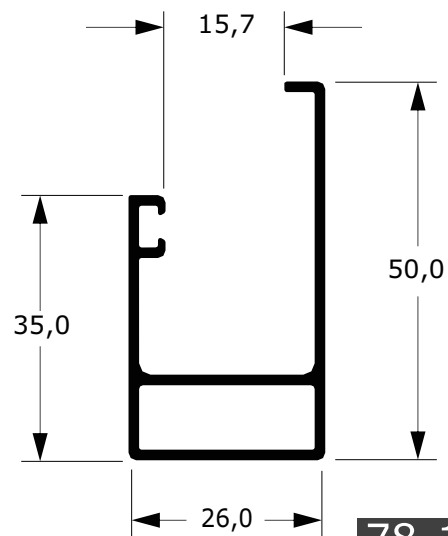
29-145
0,514 Kg/m



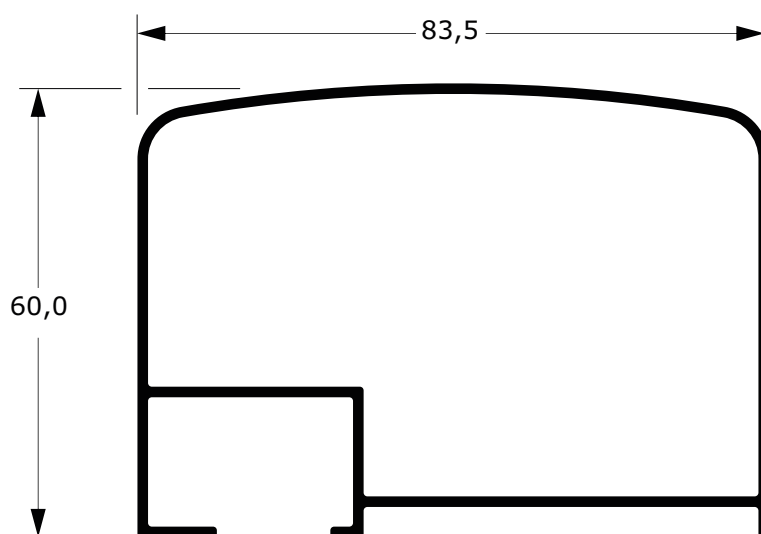
39-2107C
0,318 Kg/m



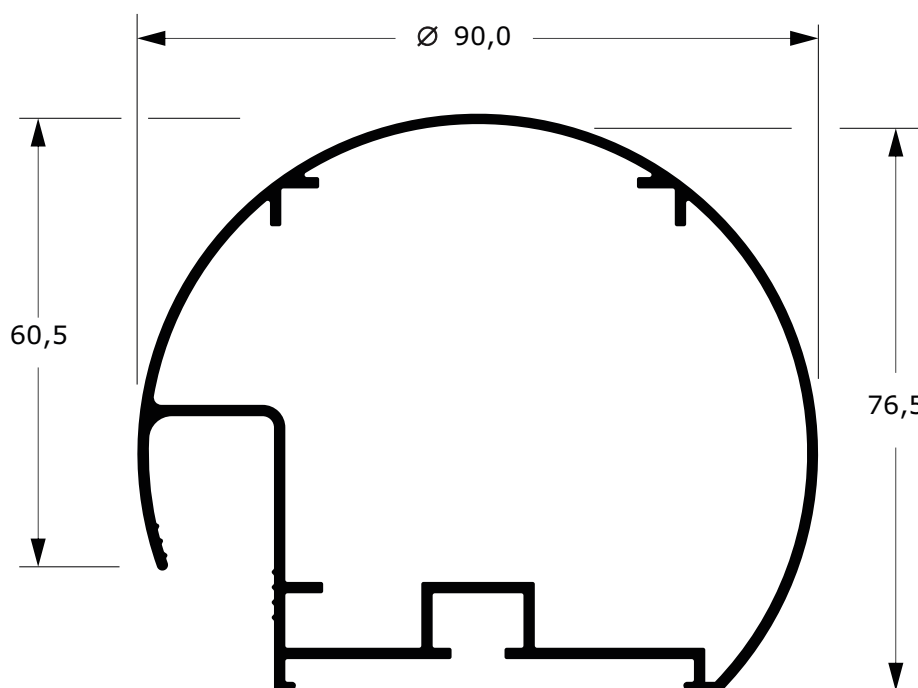
39-133
0,518 Kg/m



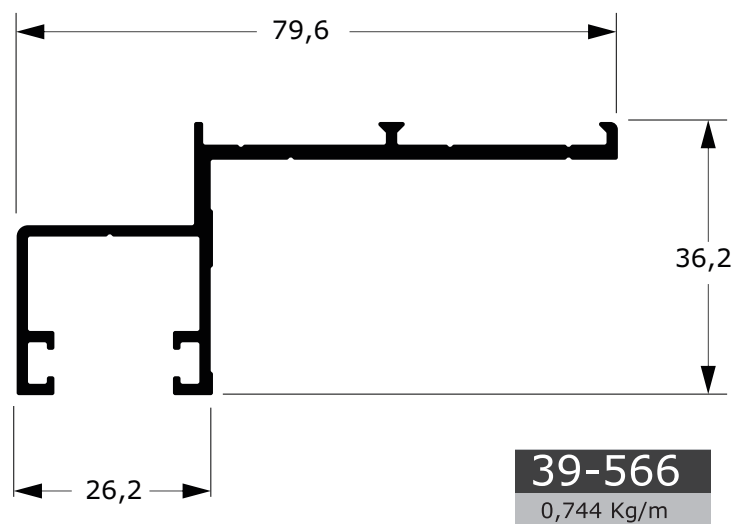
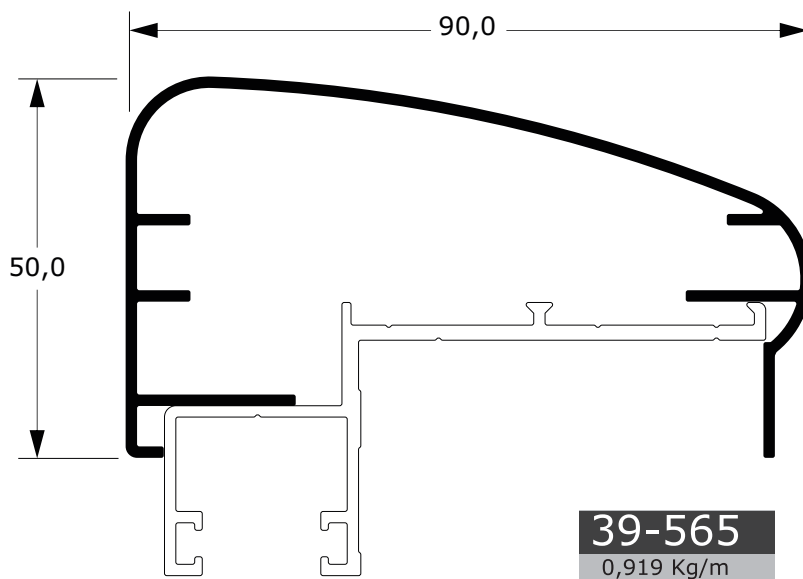
78-1112
0,549 kg/m
(78-112 C)

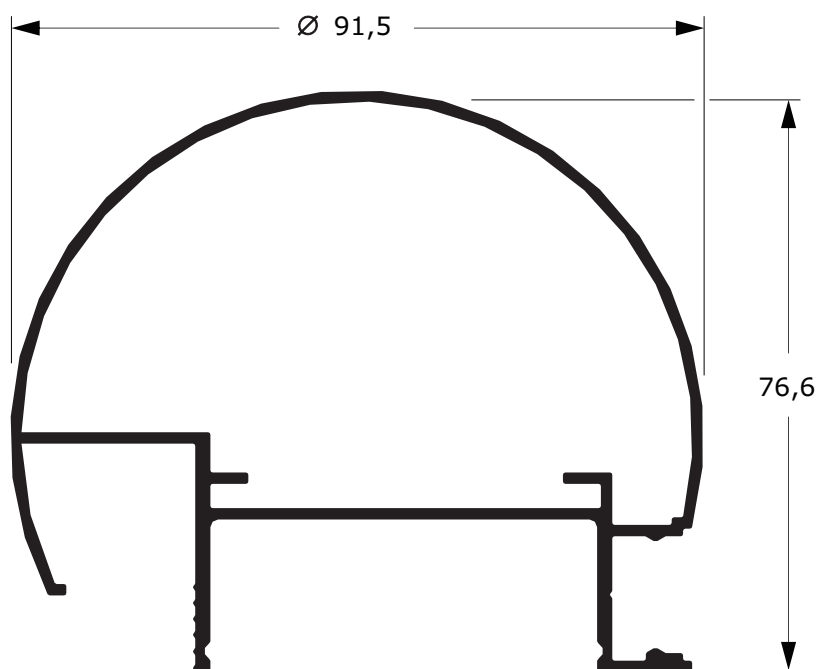


78-1054C
1,141 Kg/m

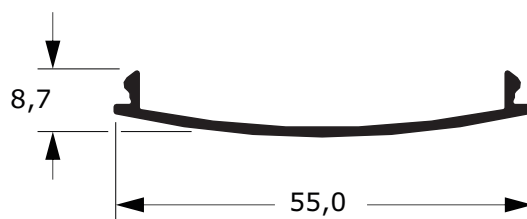


78-946
1,431 Kg/m

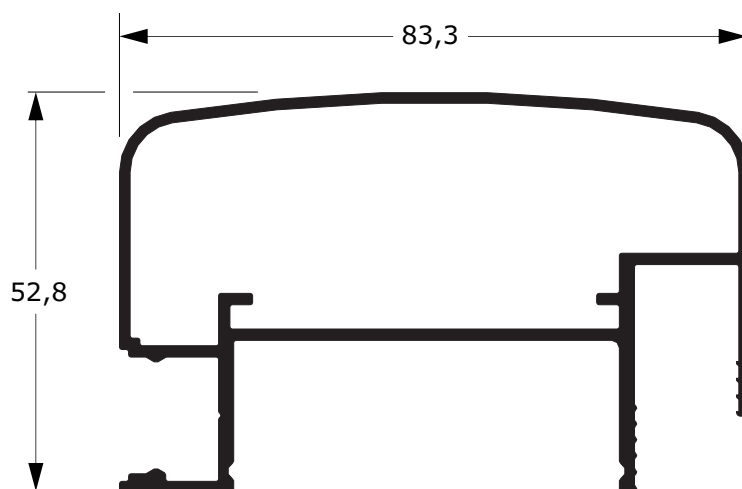




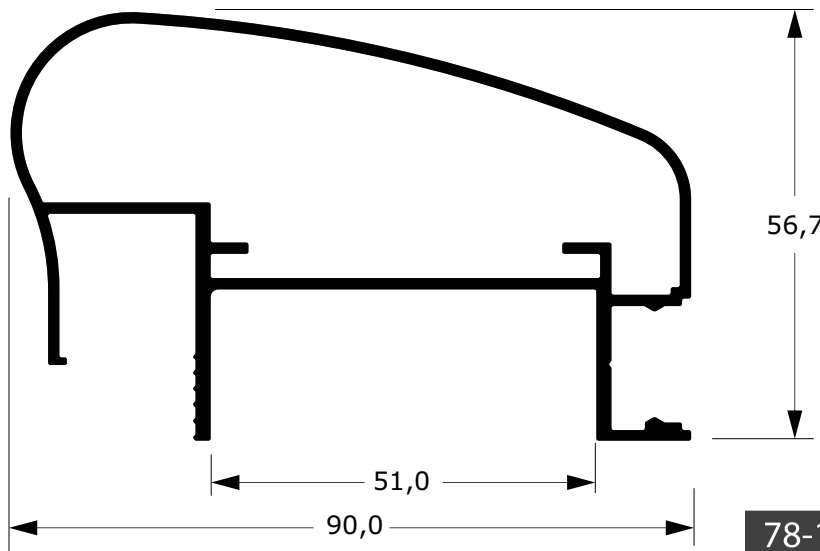
78-2083 C
1,460 Kg/m



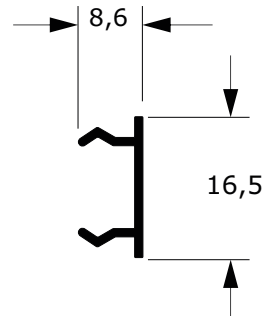
19-984 C
0,220 Kg/m



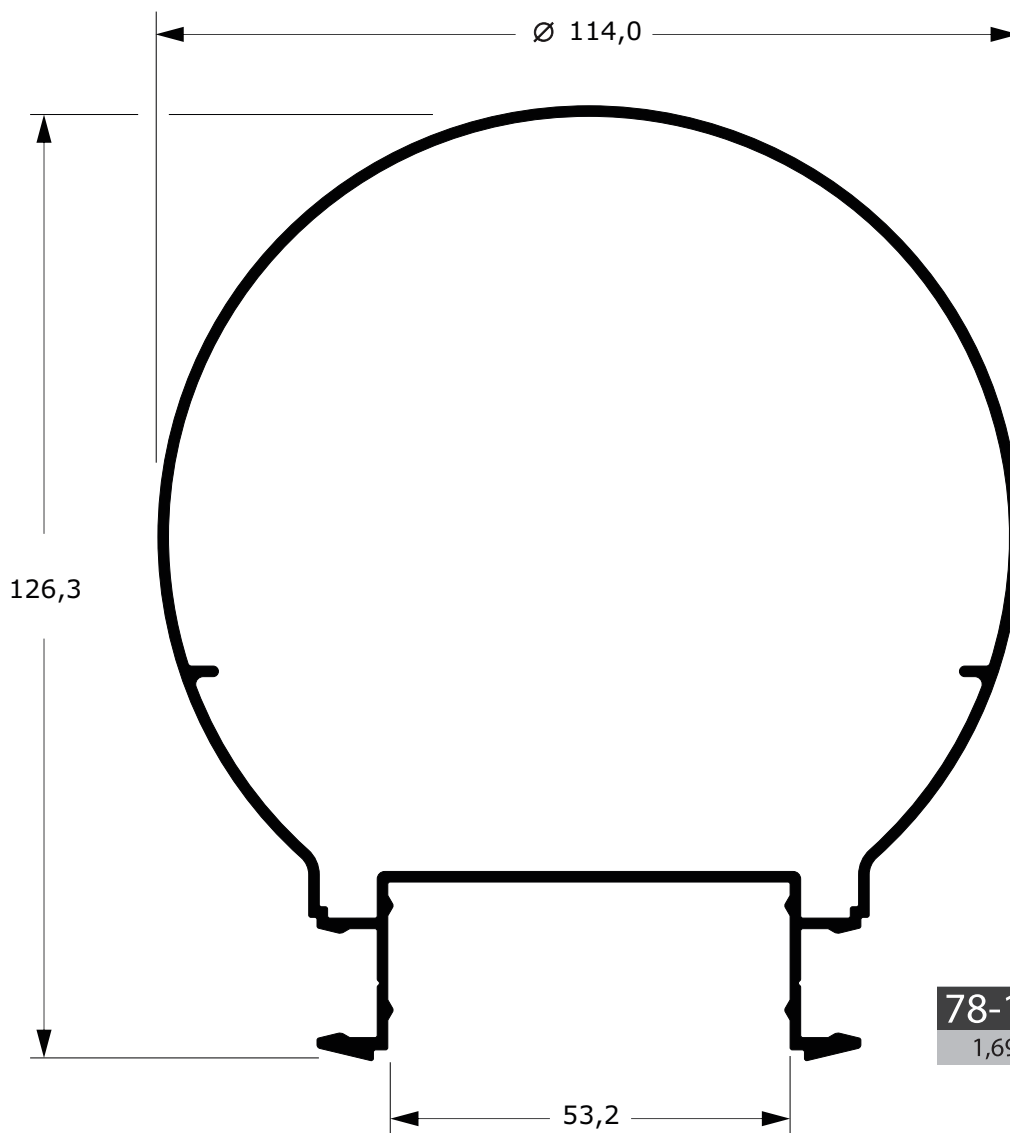
78-2089 C
1,270 Kg/m



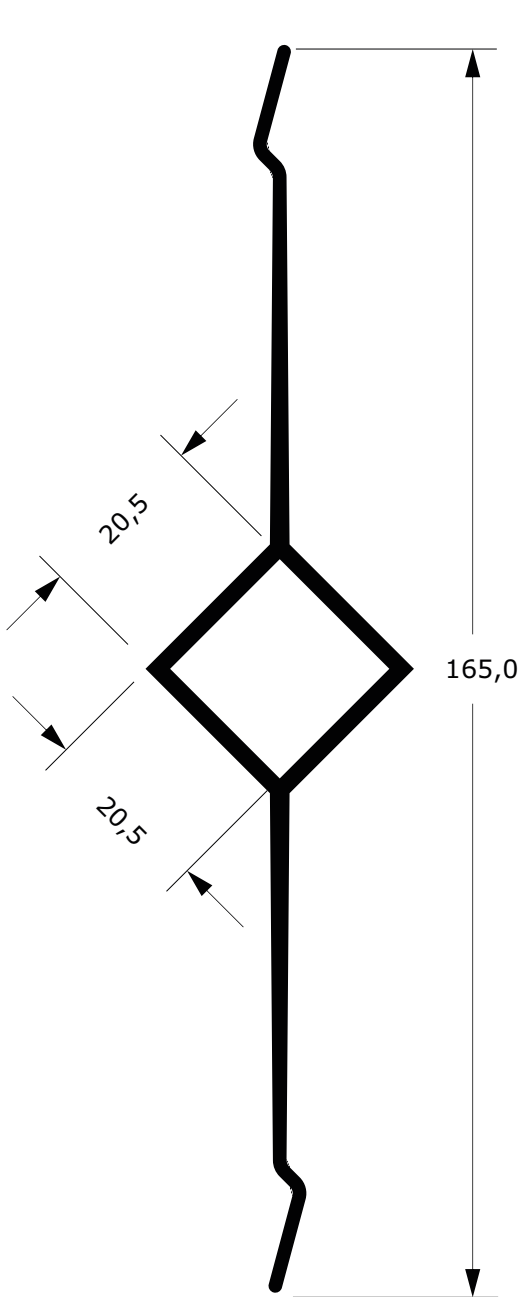
78-1966D
1,347 Kg/m



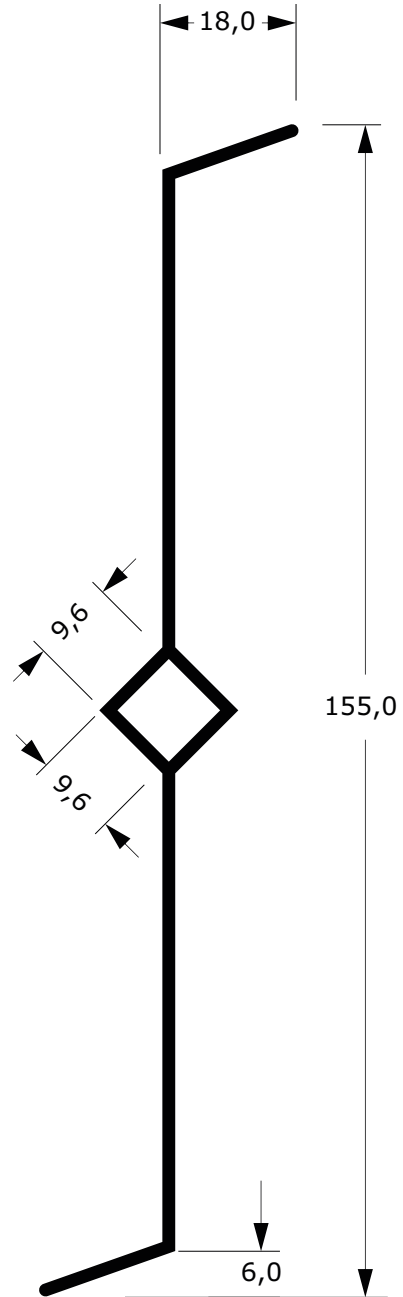
39-1058
0,085 Kg/m



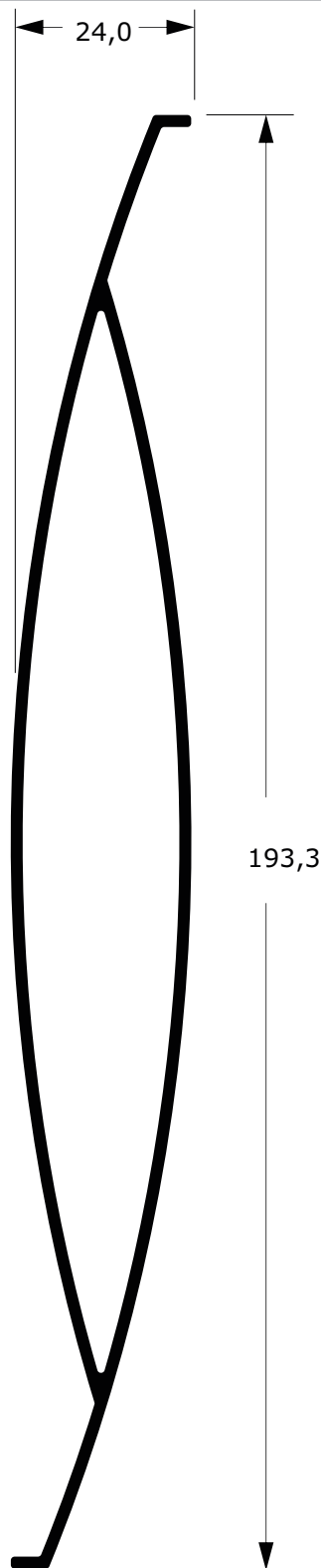
78-1777D
1,693 Kg/m



78-126
1,315 Kg/m

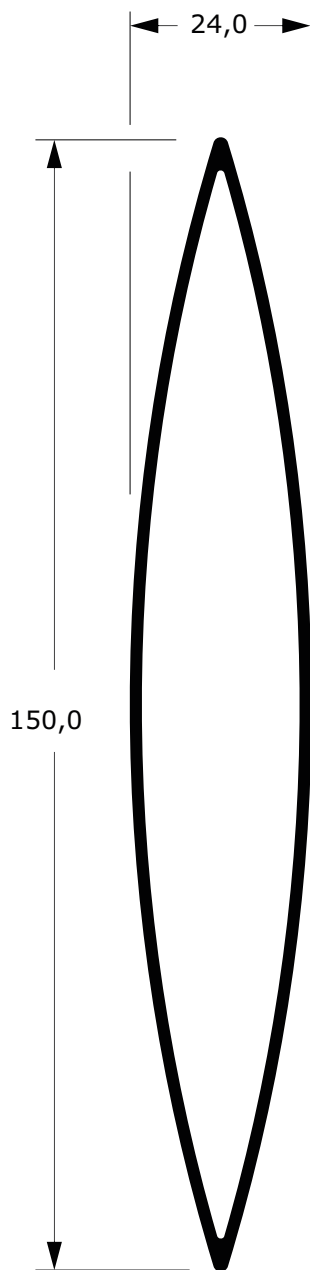


D-054
0,835 Kg/m
(DC-006)

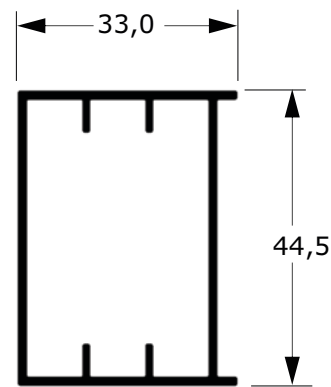


78-344
1,538 Kg/m

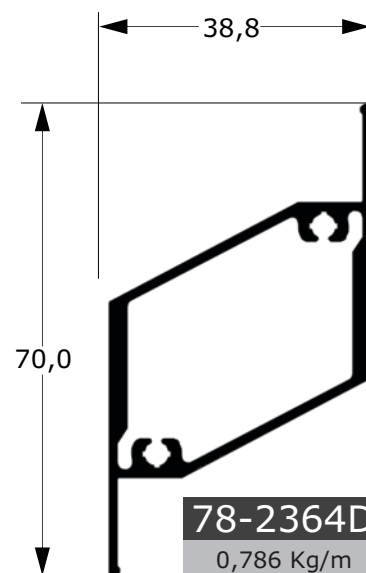
BRISE EXTENSIVO
Cobre 30 % a mais
que o similar.



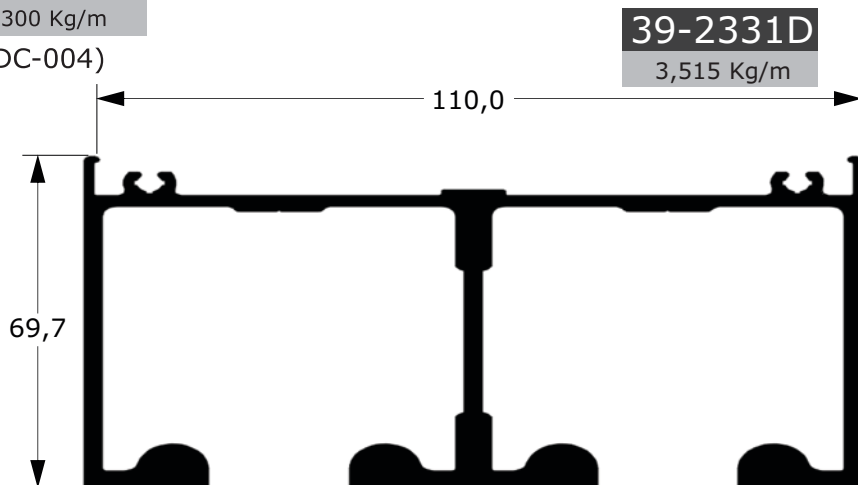
D-053
1,300 Kg/m
(DC-004)



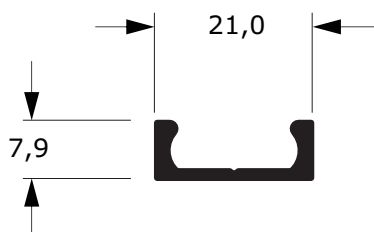
78-2363D
0,562 Kg/m



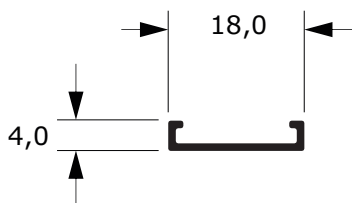
78-2364D
0,786 Kg/m



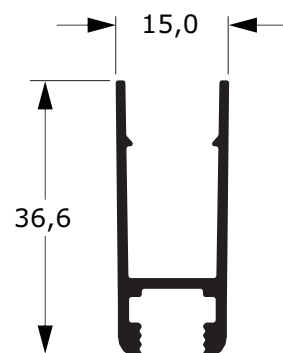
39-2331D
3,515 Kg/m



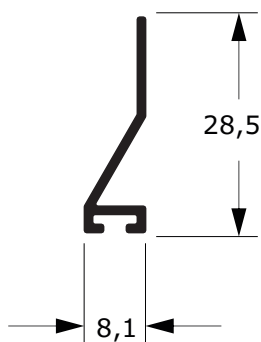
39-2239 C
0,169 Kg/m
KIT PIA



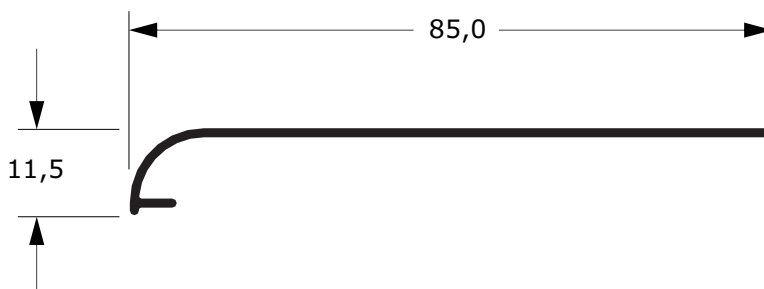
39-2250 C
0,070 Kg/m
PINAZIO



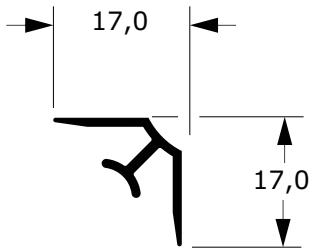
39-2241 C
0,340 Kg/m
KIT PIA



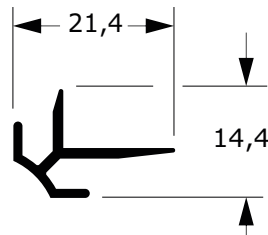
19-1060 C
0,127 Kg/m
VEDA-VENTO
(Rodro Porta Giro)



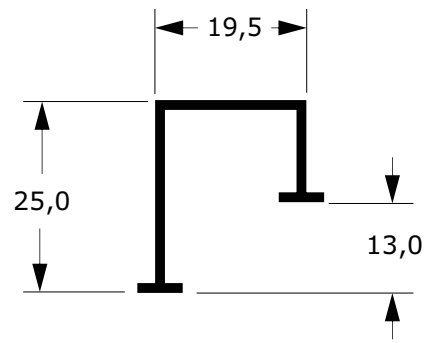
19-1050 C
0,312 Kg/m
ARREMATE
(Soleira)



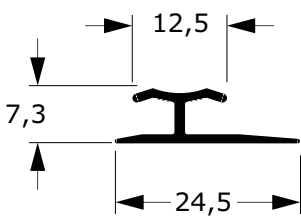
Y-165
0,132 Kg/m



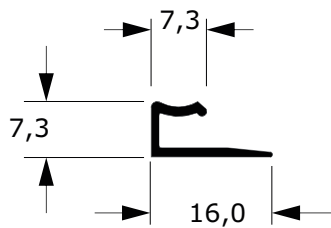
Y-166
0,140 Kg/m



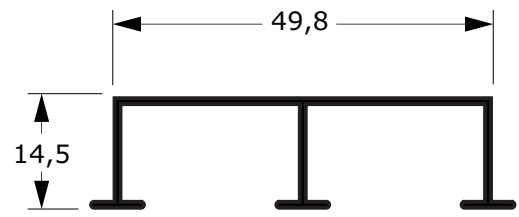
L-690
0,141 Kg/m



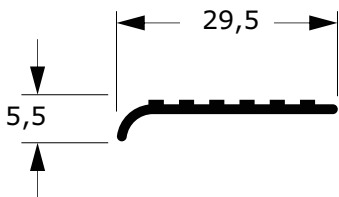
I-103
0,126 Kg/m



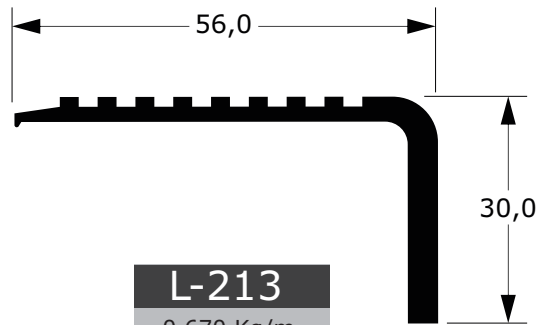
L-392
0,084 Kg/m



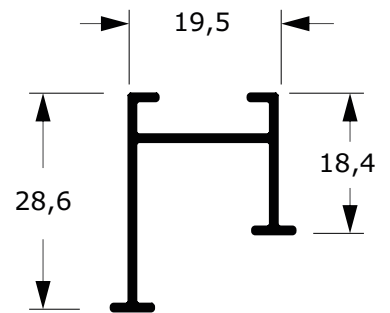
E-445
0,235 Kg/m



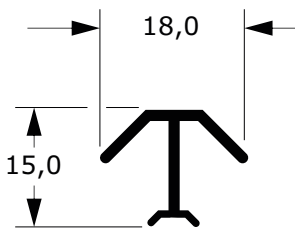
L-460
0,127 Kg/m



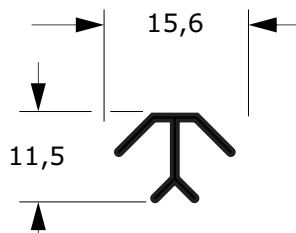
L-213
0,670 Kg/m



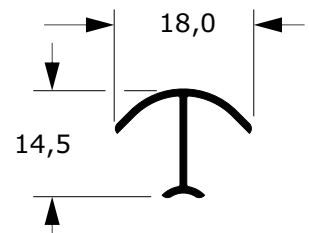
39-307
0,174 Kg/m



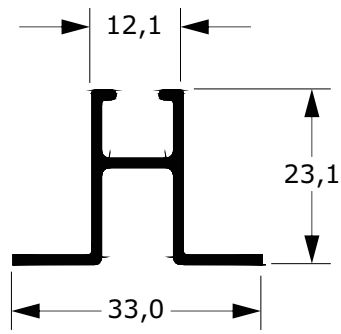
I-186
0,090 Kg/m



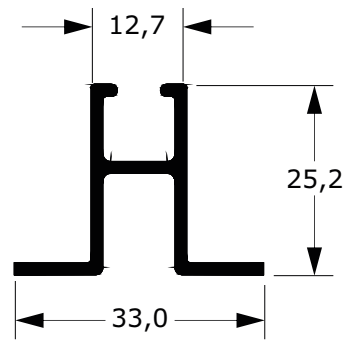
I-313
0,074 Kg/m



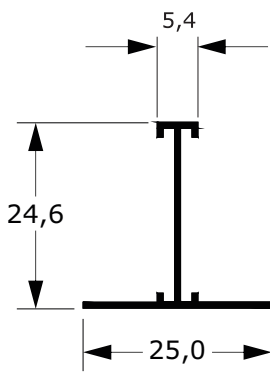
I-185
0,084 Kg/m



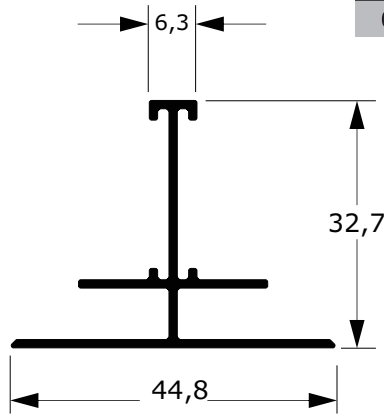
39-158
0,282 Kg/m



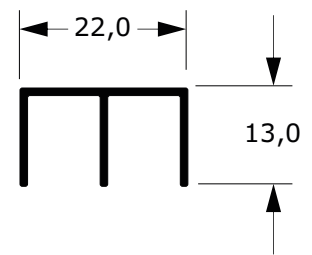
39-139
0,362 Kg/m



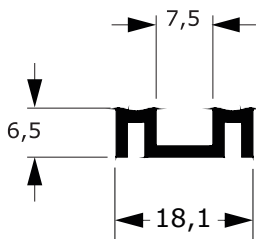
T-180
0,125 Kg/m



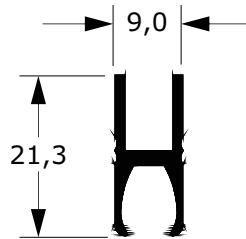
54-012
0,331 Kg/m



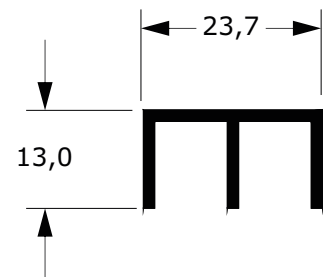
E-463
0,157 Kg/m



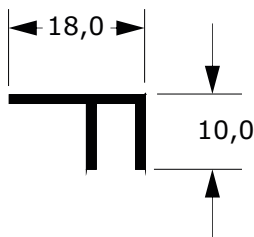
E-252
0,152 Kg/m



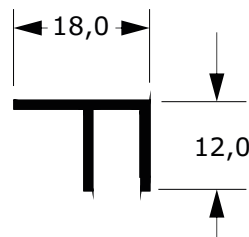
I-151
0,173 Kg/m



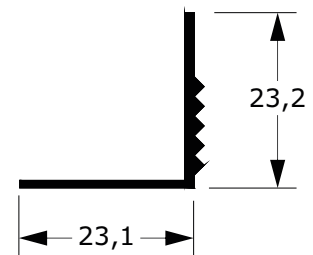
E-168
0,236 Kg/m



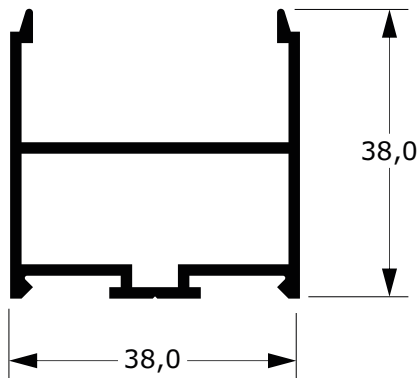
F-043
0,124 Kg/m



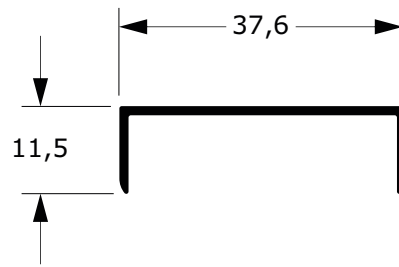
F-049
0,128 Kg/m



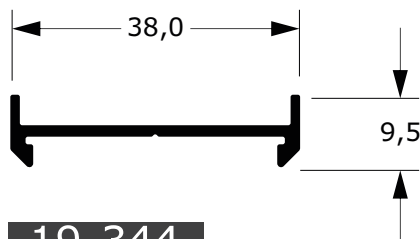
L-488
0,163 Kg/m



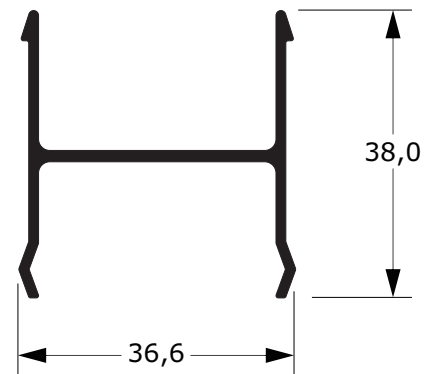
78-095
0,647 Kg/m



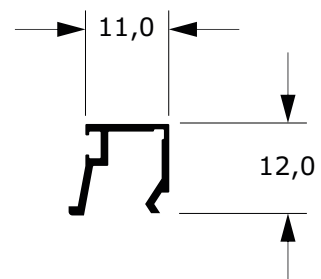
31-042
0,186 Kg/m



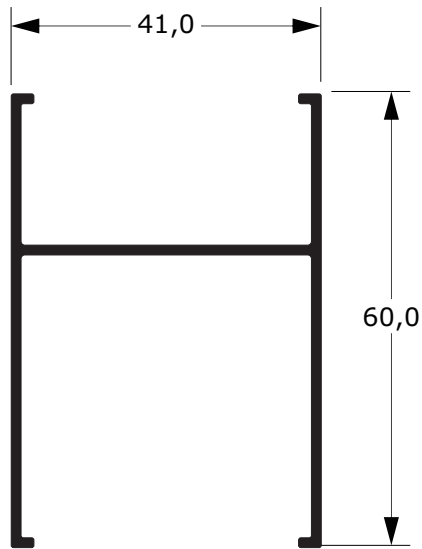
19-344
0,226 Kg/m



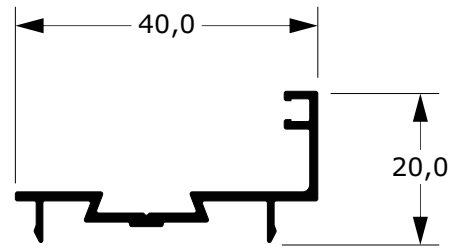
44-026
0,412 Kg/m



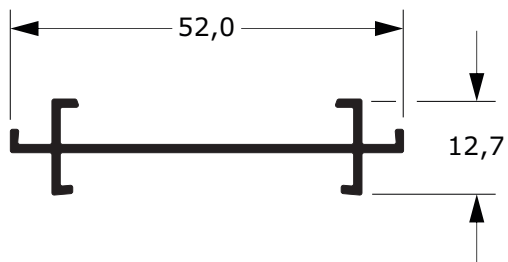
U-522
0,100 Kg/m



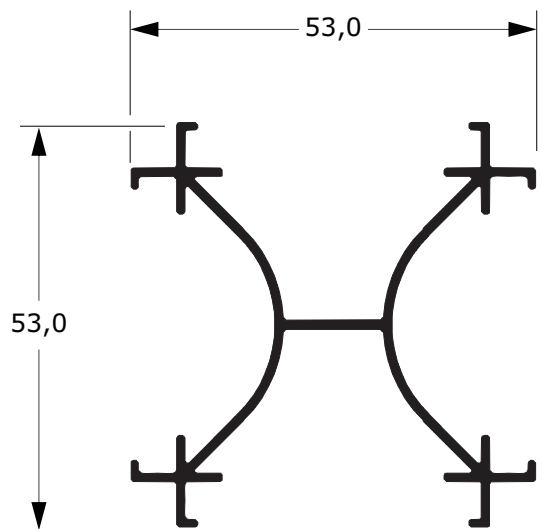
44-025
0,582 Kg/m



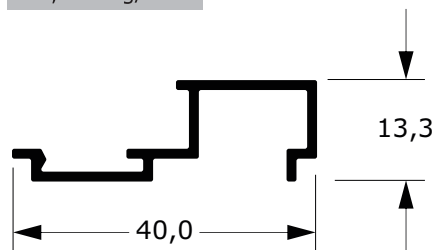
19-424
0,277 Kg/m



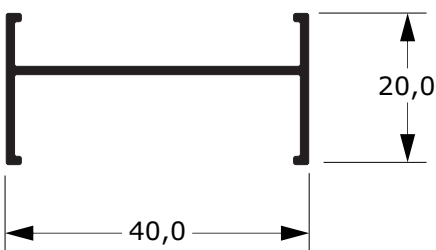
19-425
0,258 Kg/m



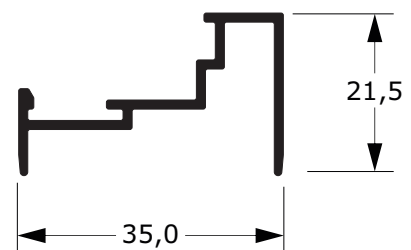
44-031
0,636 Kg/m



39-844
0,260 Kg/m



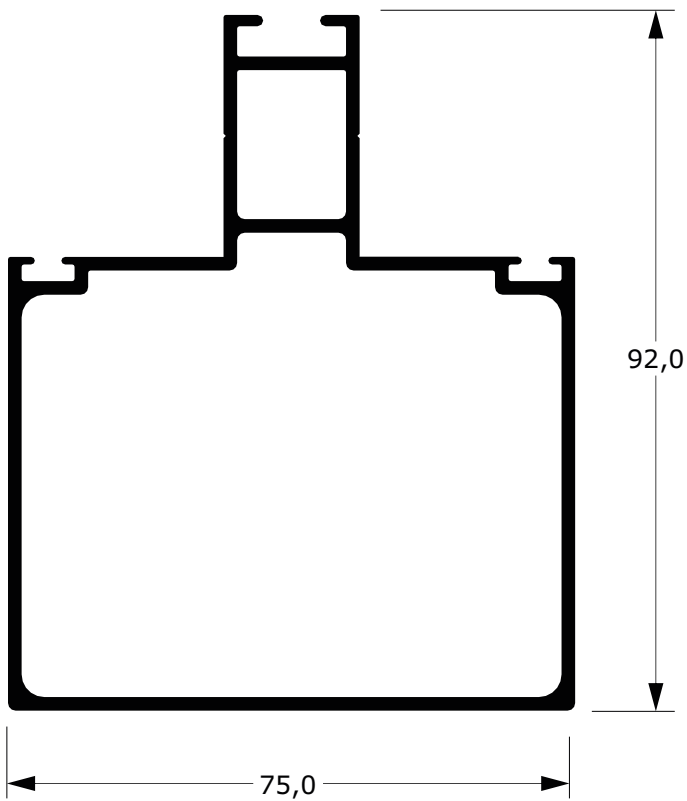
44-024
0,242 Kg/m



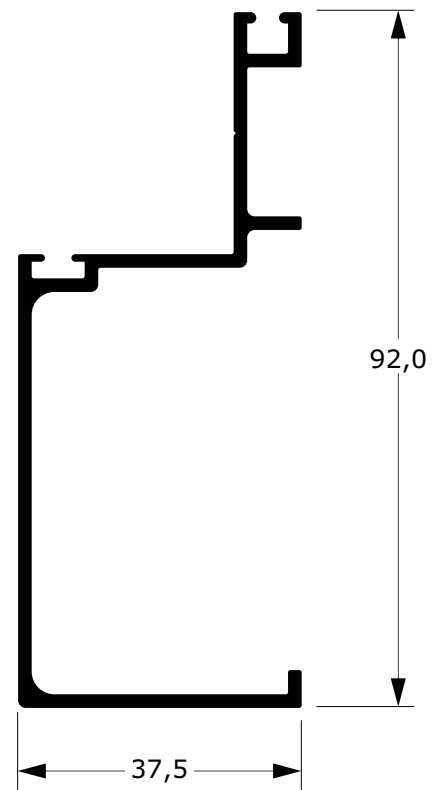
39-778
0,273 Kg/m

FACHADAS

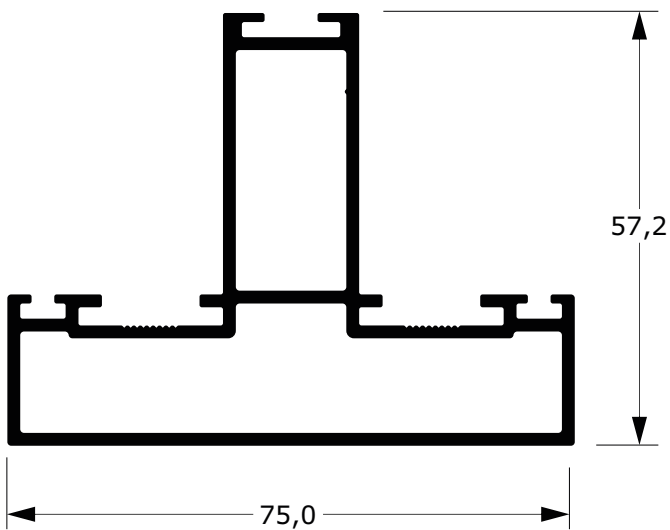
Lined area for notes.



FC-075
1,750 Kg/m

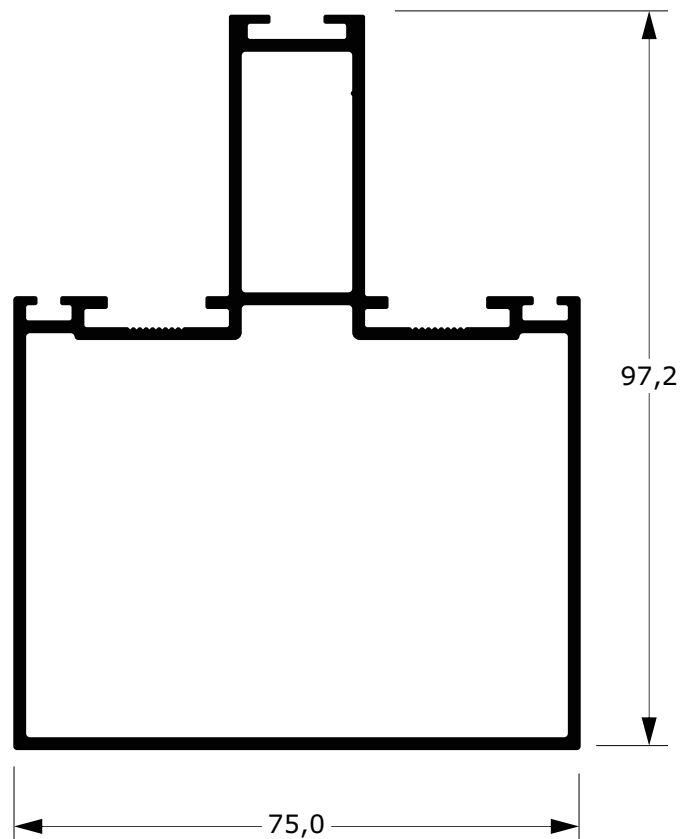


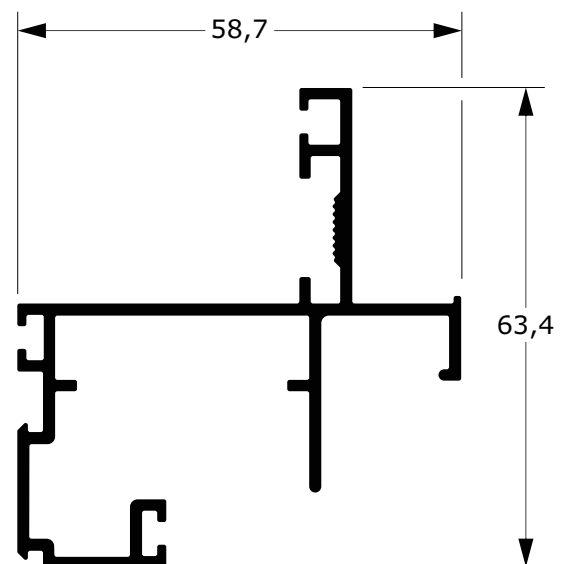
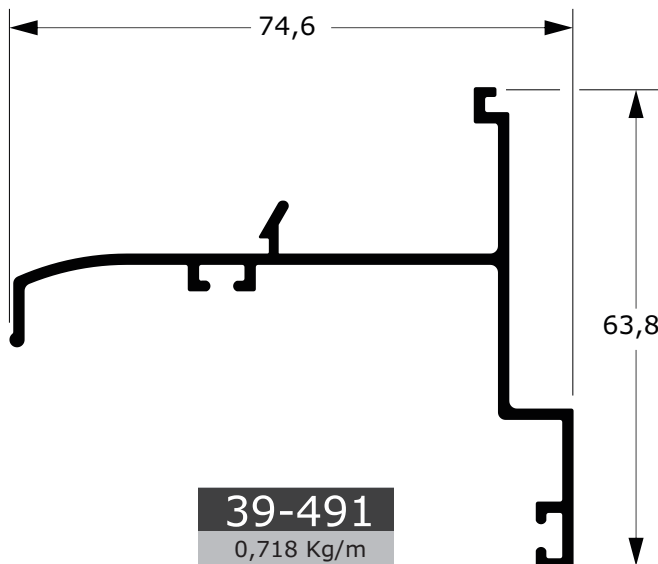
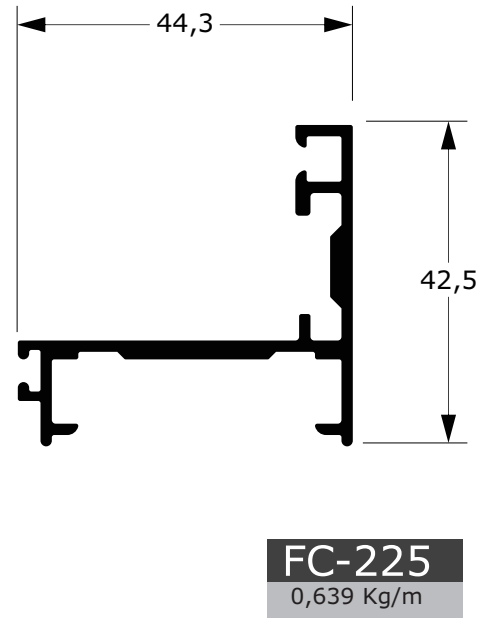
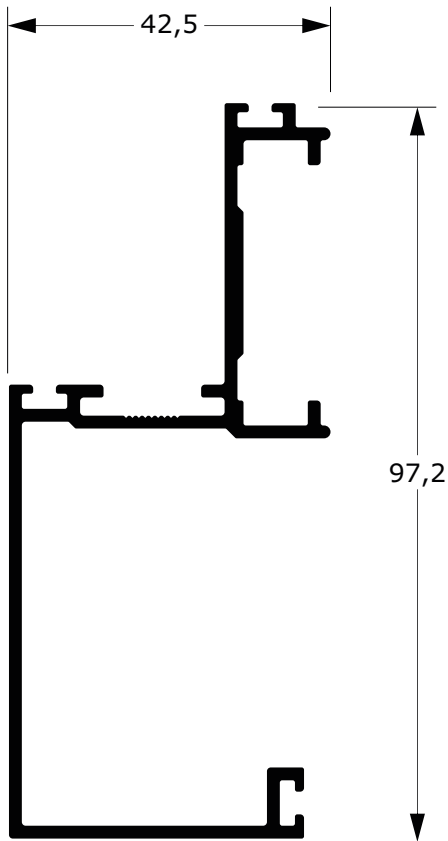
39-473
0,917 Kg/m

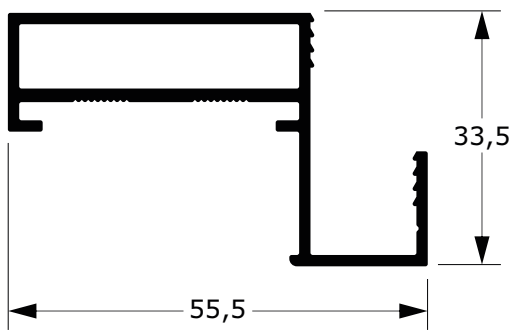


FC-232
1,433 Kg/m

FC-202
1,801 Kg/m

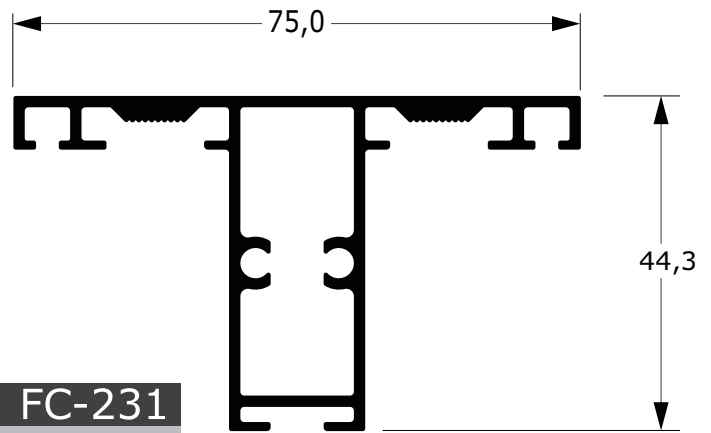






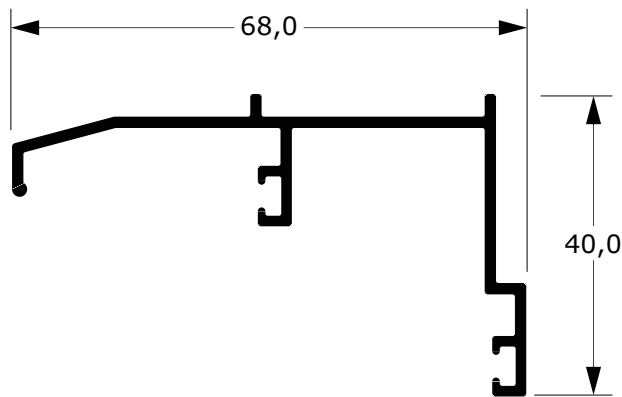
FC-293

0,683 Kg/m



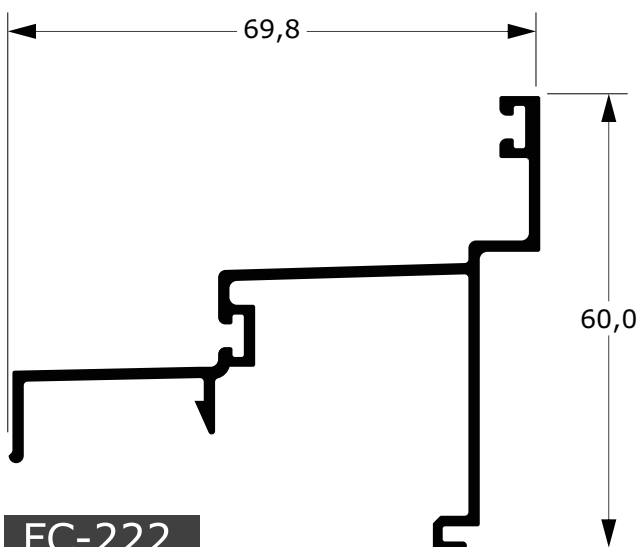
FC-231

1,074 Kg/m



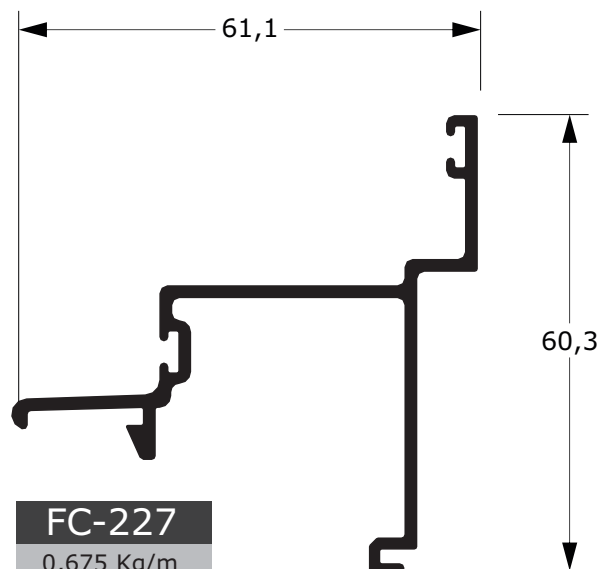
39-049

0,575 Kg/m



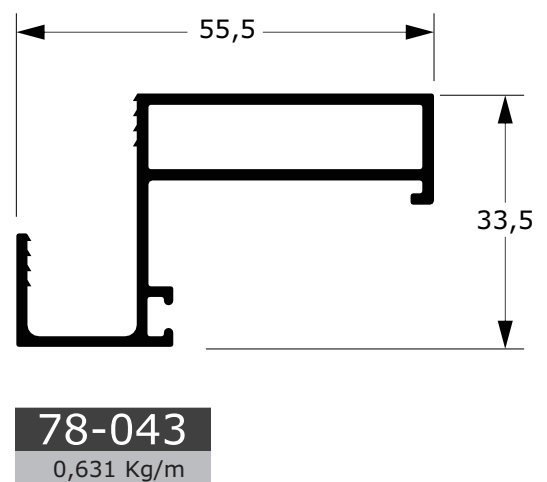
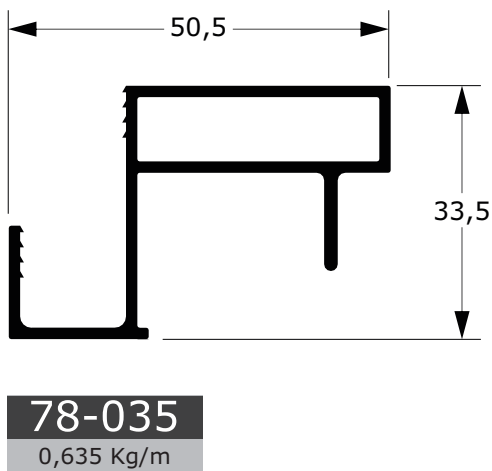
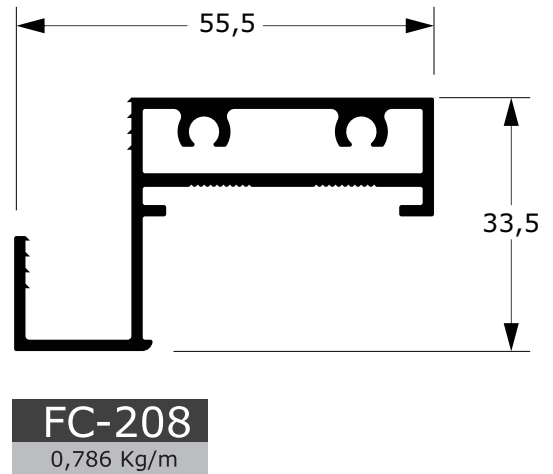
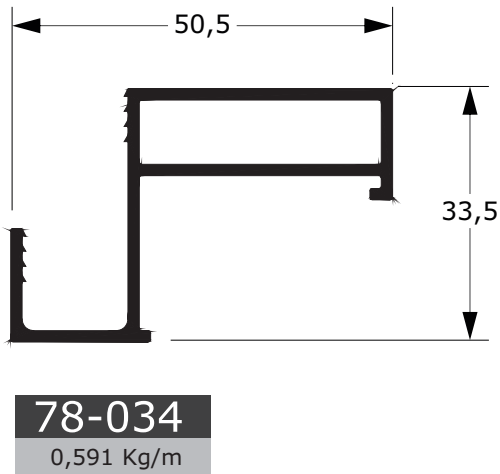
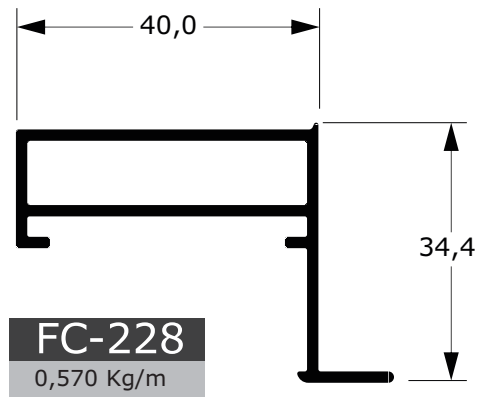
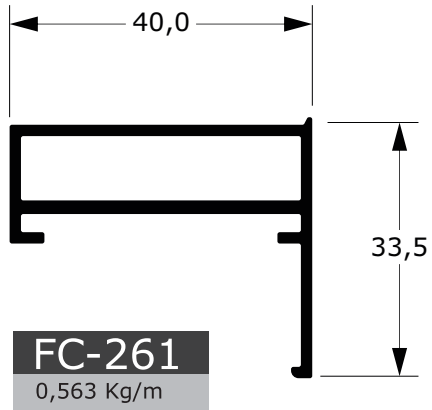
FC-222

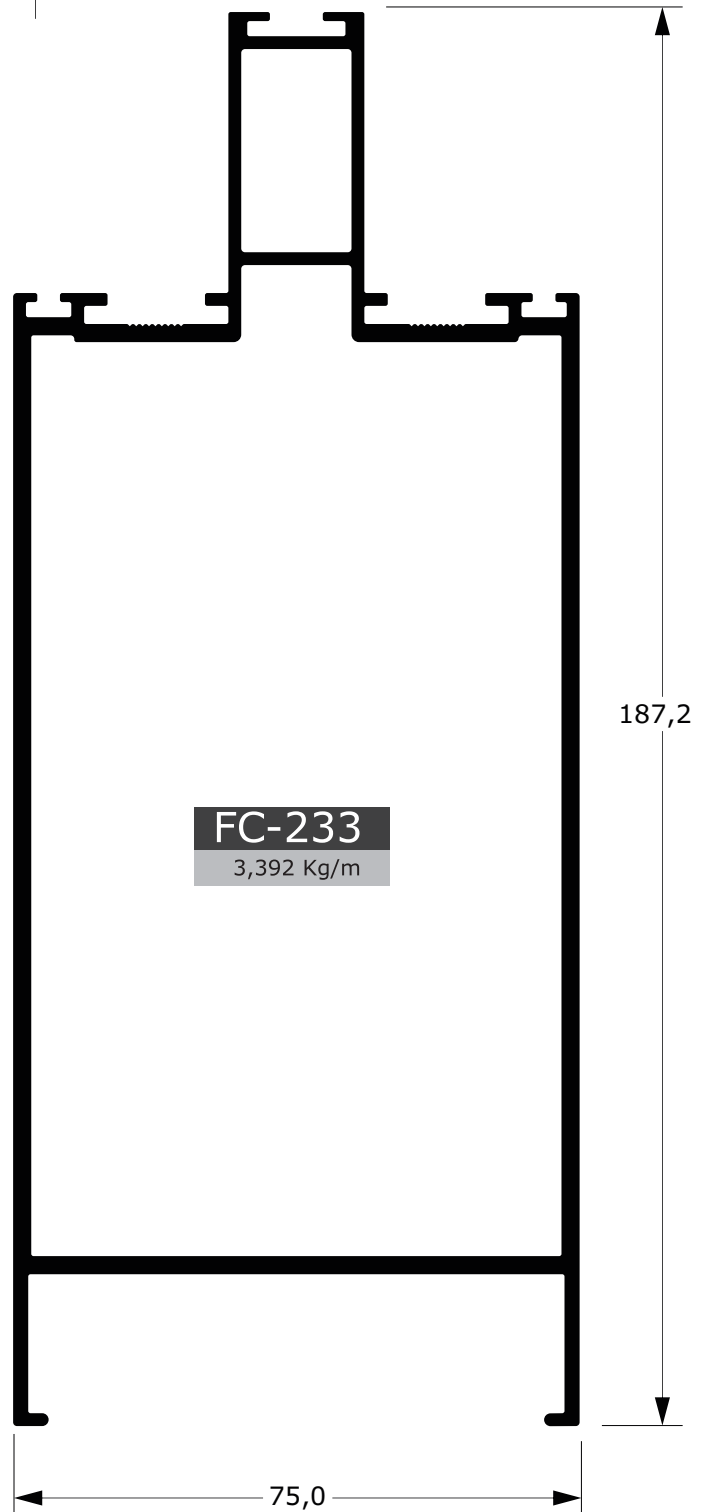
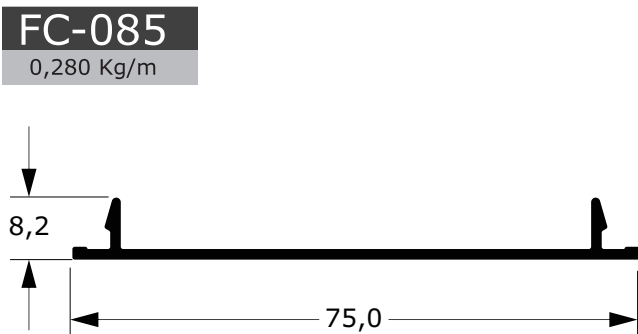
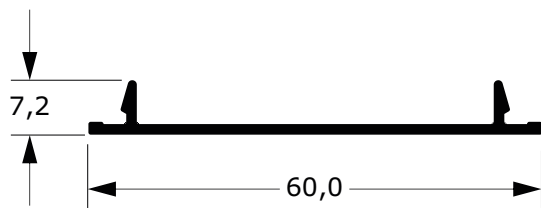
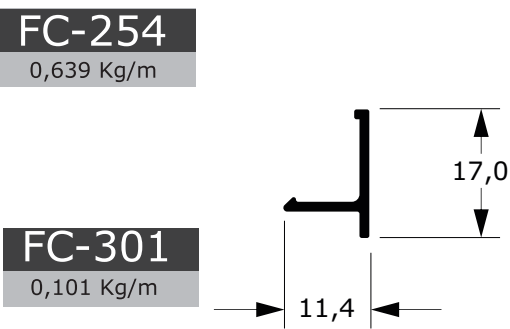
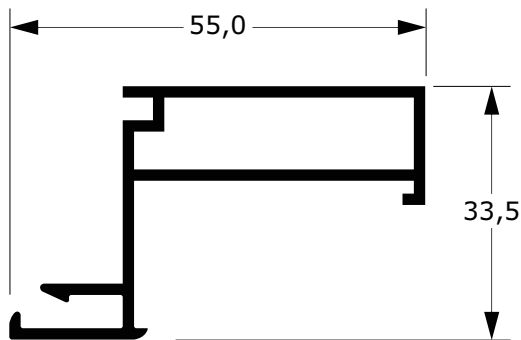
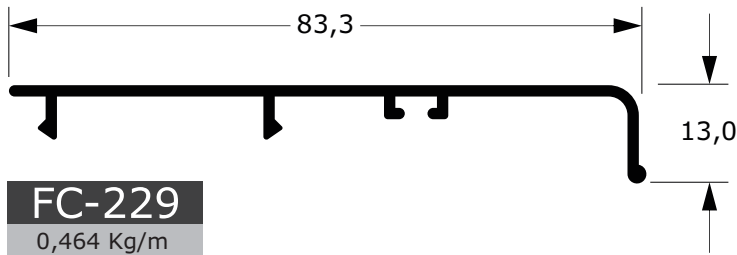
0,757 Kg/m

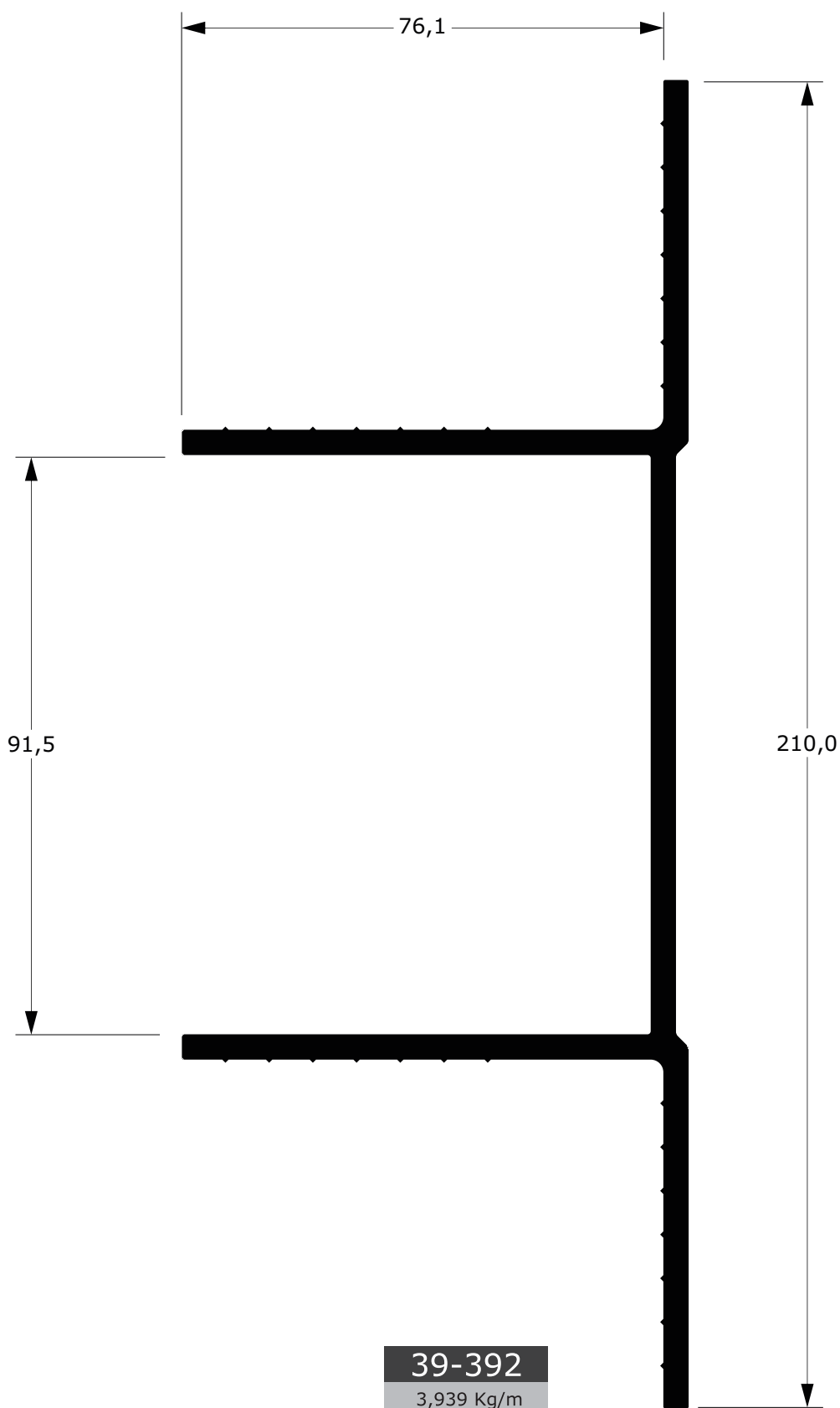


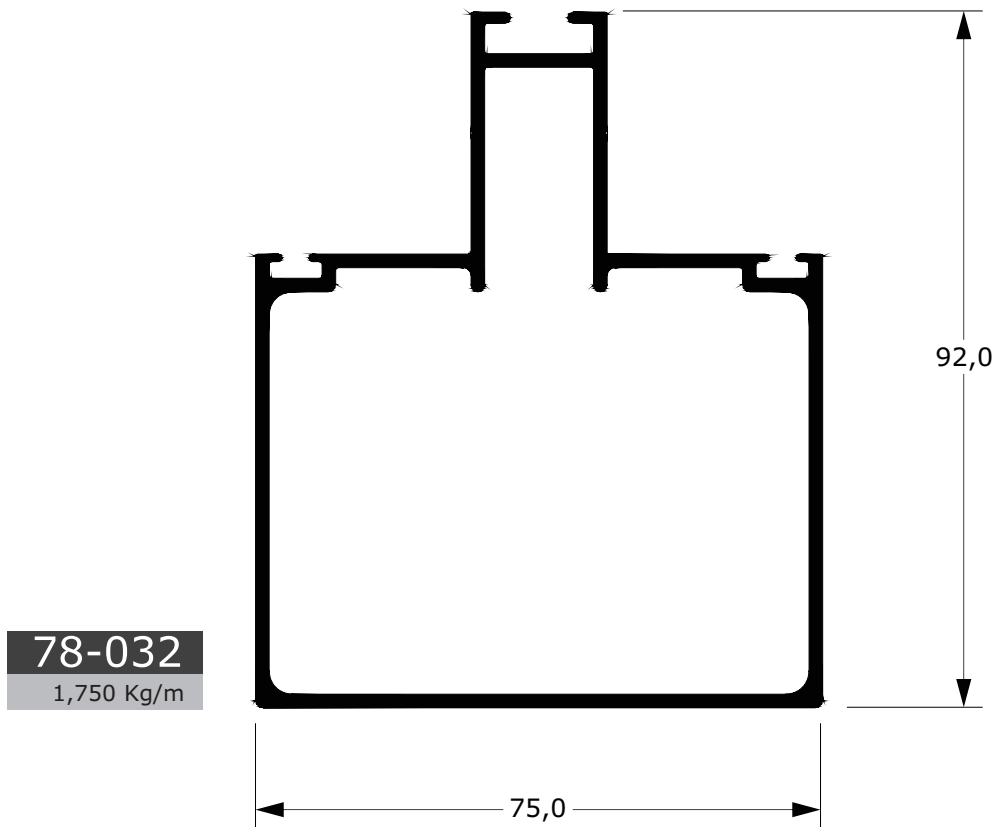
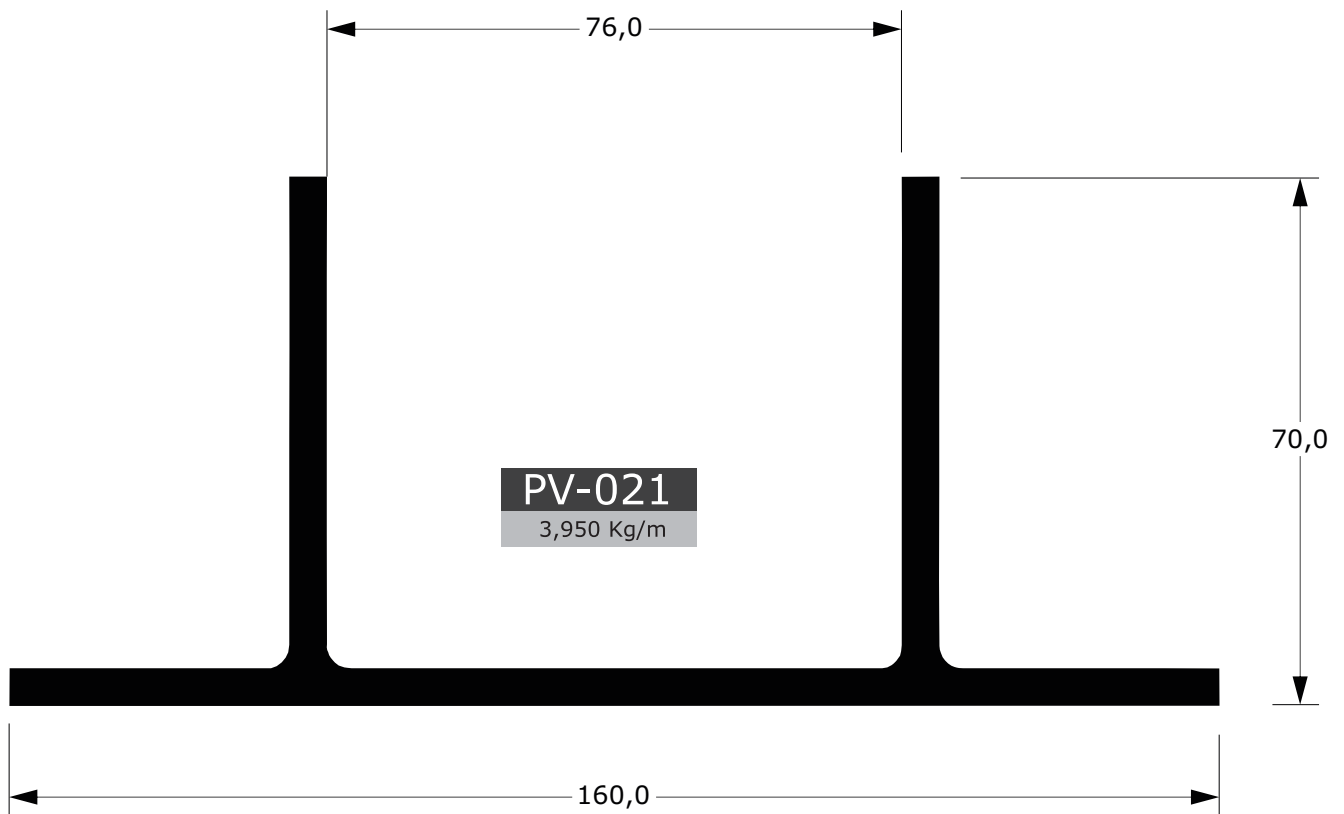
FC-227

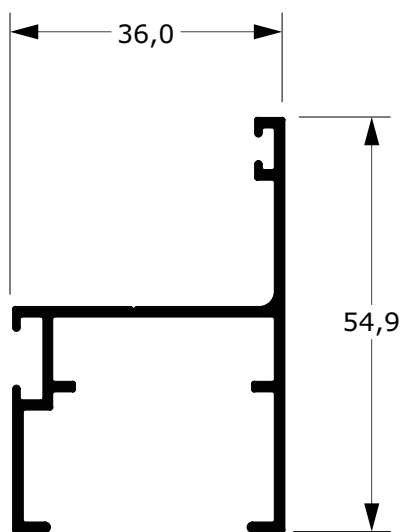
0,675 Kg/m





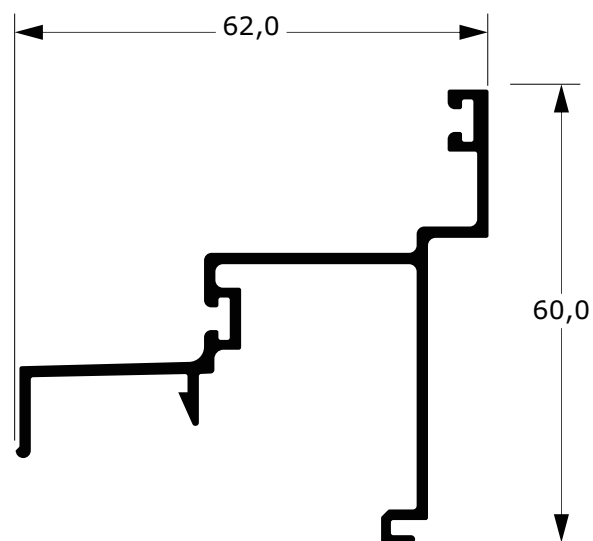






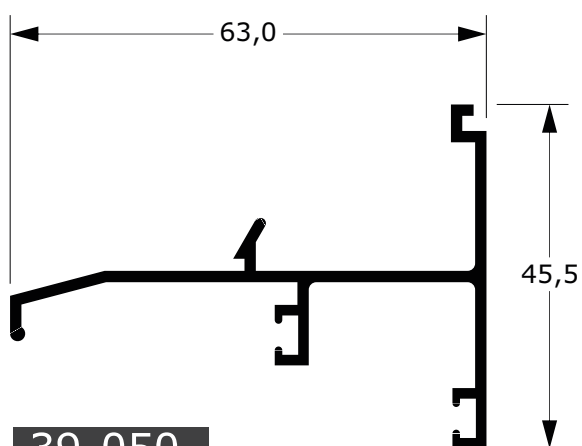
FC-170

0,543 Kg/m



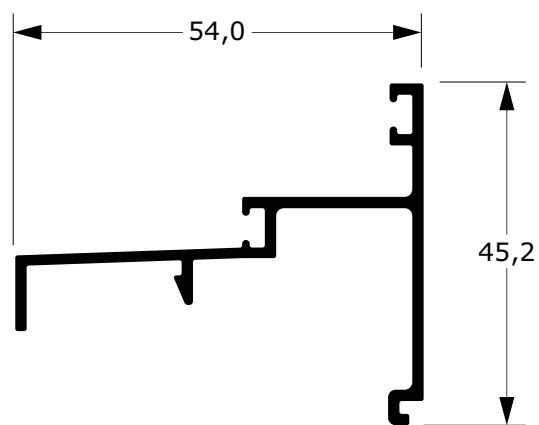
39-487

0,738 Kg/m



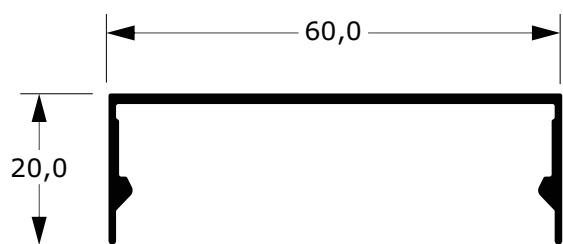
39-050

0,608 Kg/m



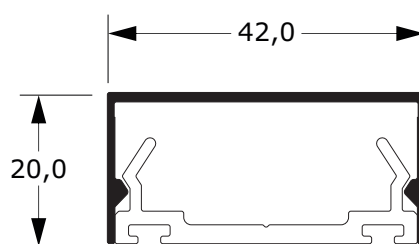
39-051

0,541 Kg/m



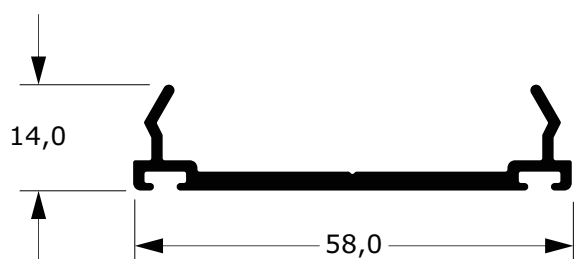
FC-544

0,380 Kg/m



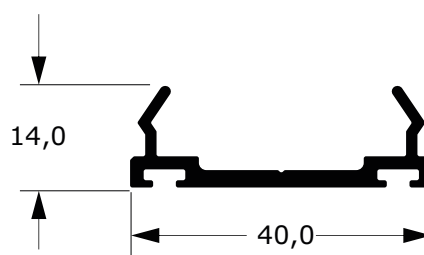
U-621

0,264 Kg/m



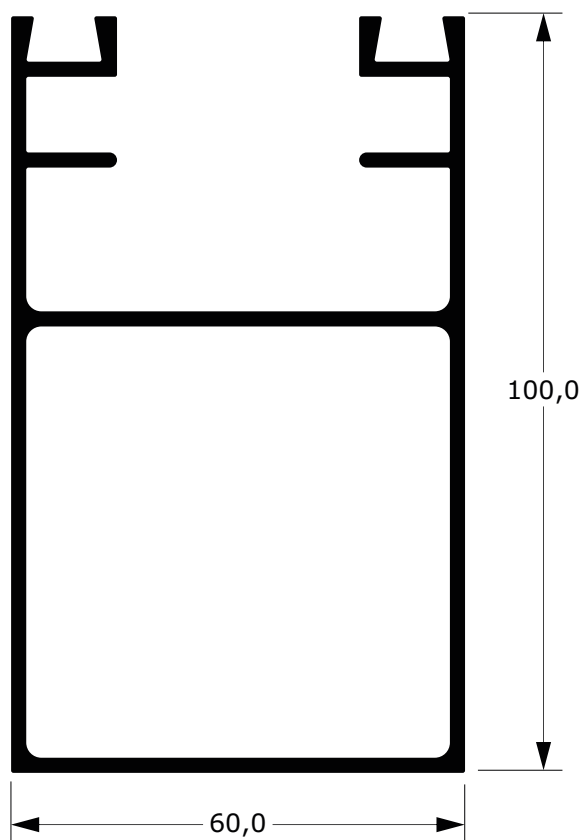
FC-419

0,484 Kg/m



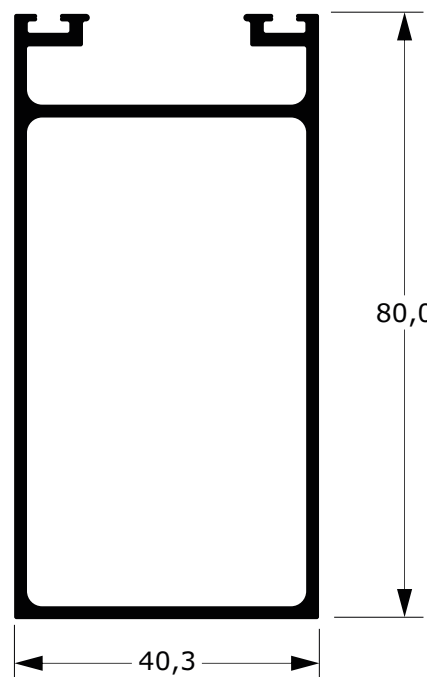
U-615

0,379 Kg/m



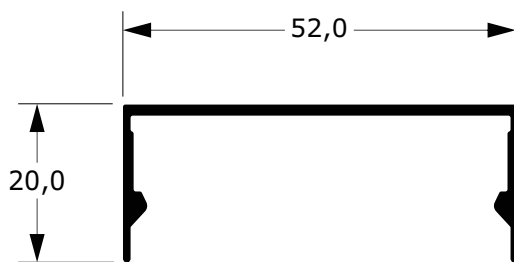
A-025

2,061 Kg/m



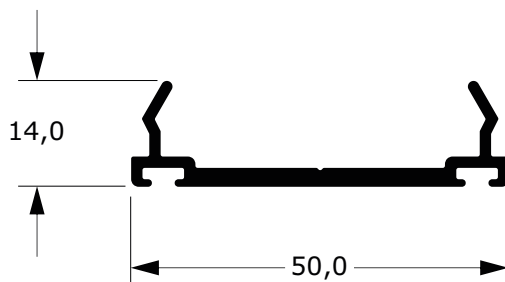
A-072

1,206 Kg/m



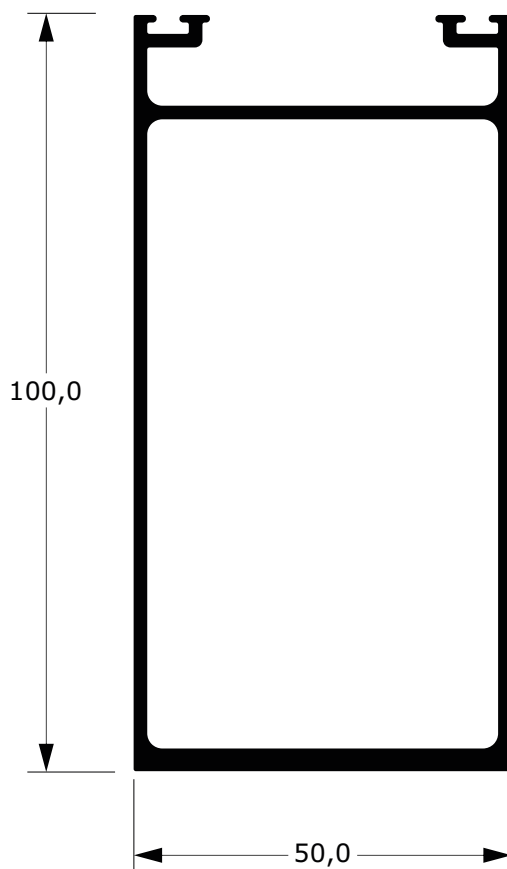
FC-542

0,350 Kg/m



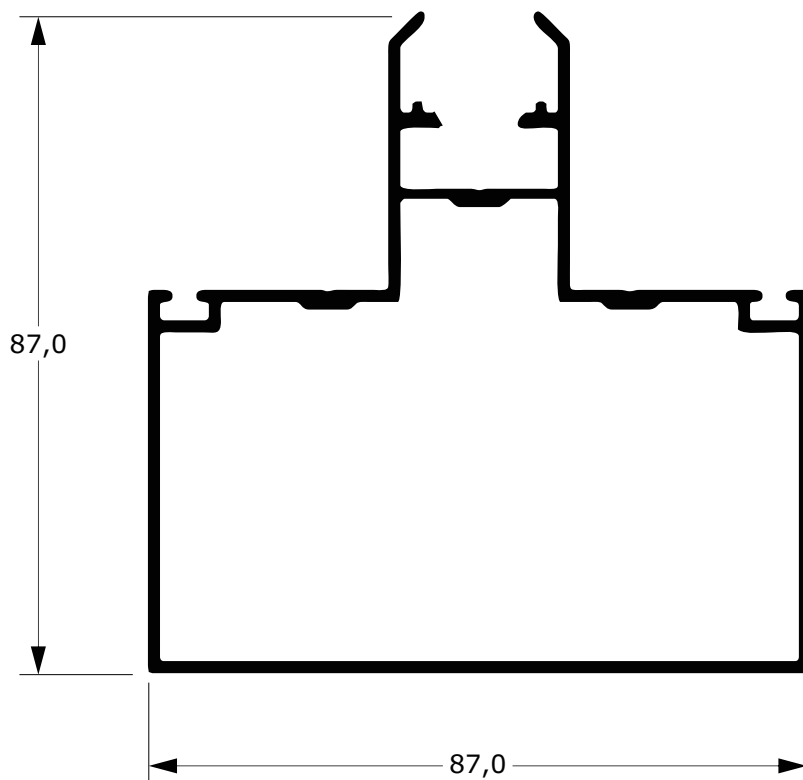
FC-543

0,430 Kg/m

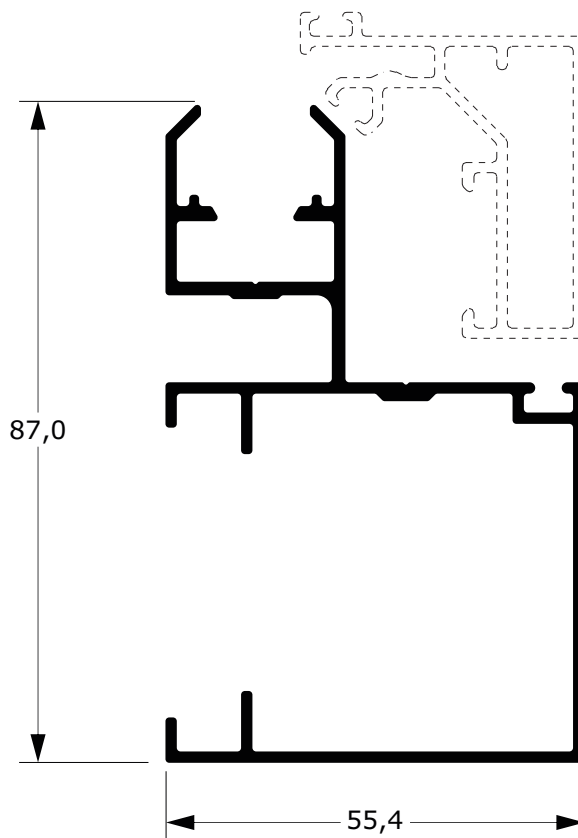


FC-017

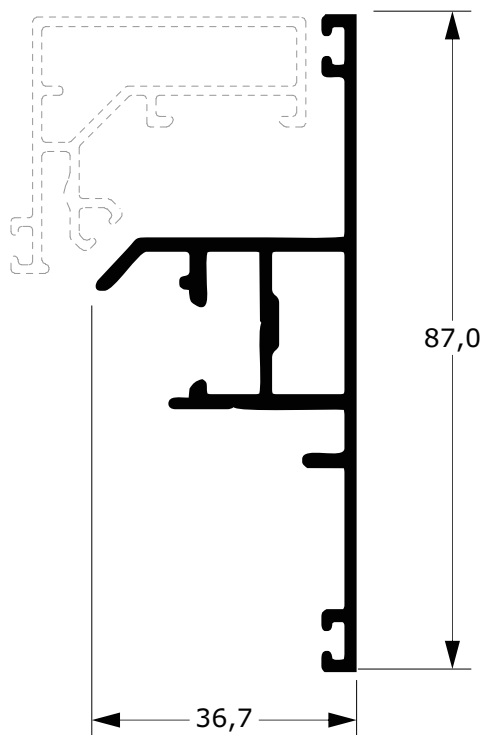
1,705 Kg/m



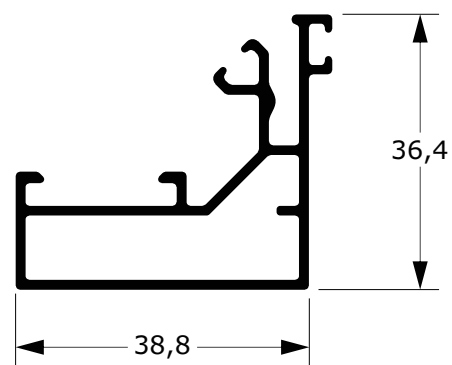
SK-001
1,569 Kg/m



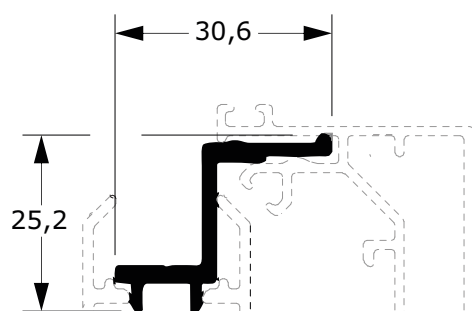
SK-002
1,238 Kg/m



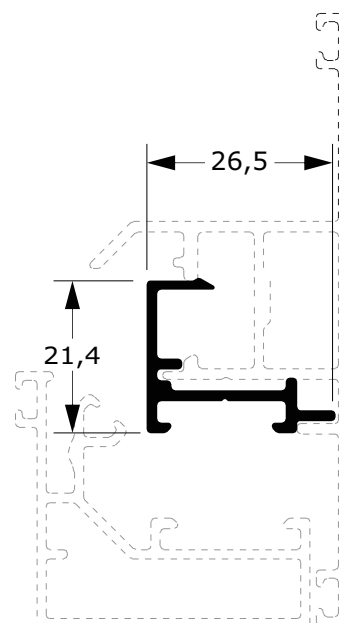
SK-003
0,775 Kg/m



SK-004
0,615 Kg/m

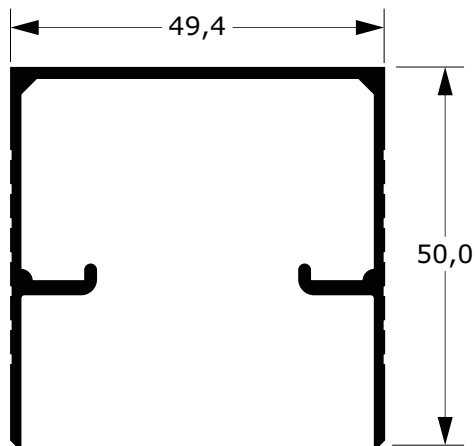


SK-005
0,303 Kg/m



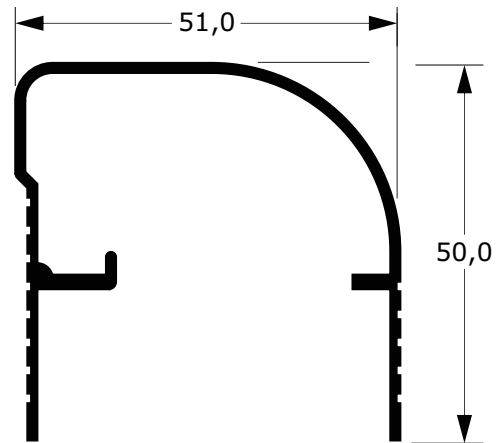
SK-006
0,279 Kg/m

BOX LISO
BOX FRIDADO
BOX TEMPERADO



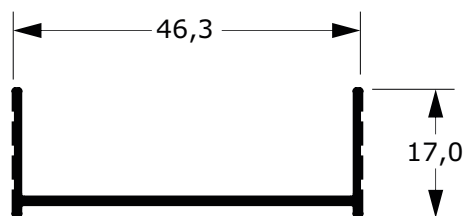
U-655

0,645 Kg/m



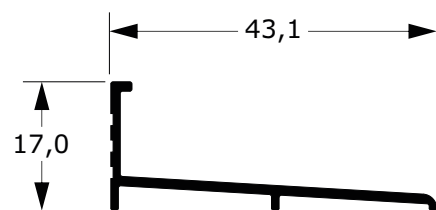
39-206

0,594 Kg/m



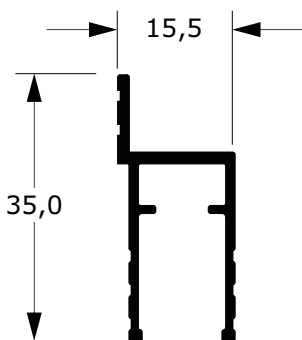
U-653

0,246 Kg/m



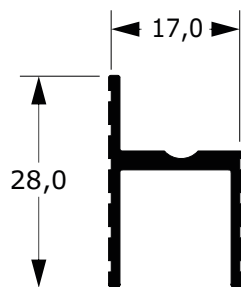
29-040

0,203 Kg/m



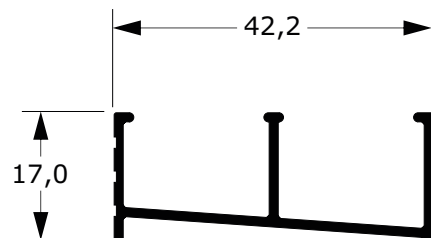
Y-310

0,302 Kg/m



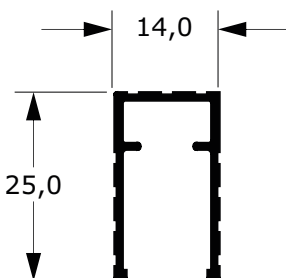
Y-311

0,263 Kg/m



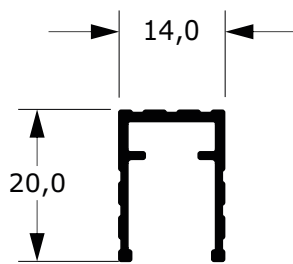
E-256

0,290 Kg/m



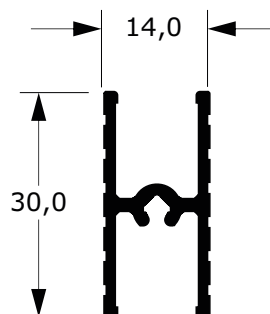
U-1002

0,213 Kg/m



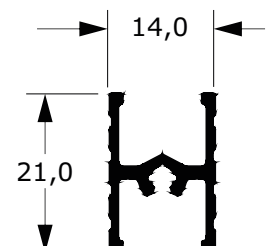
U-1002 A

0,182 Kg/m



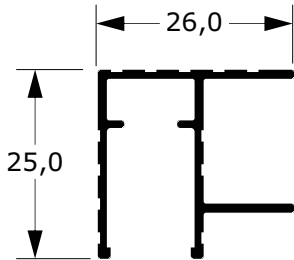
I-154

0,306 Kg/m



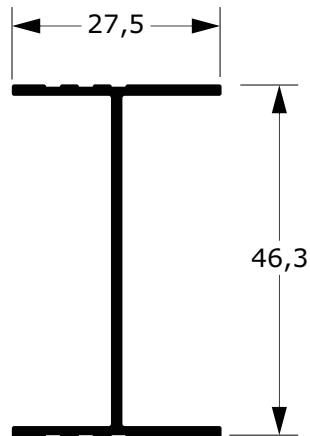
I-154 A

0,212 Kg/m



Y-308

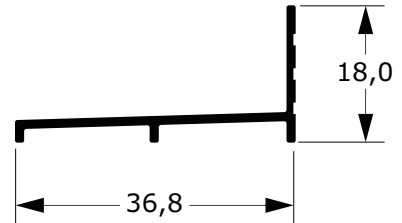
0,278 Kg/m



44-018

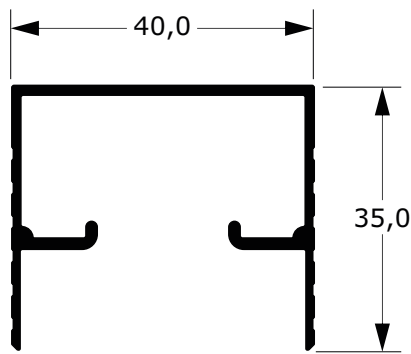
0,389 Kg/m

(I-155)



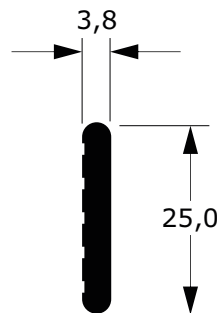
29-122

0,183 Kg/m



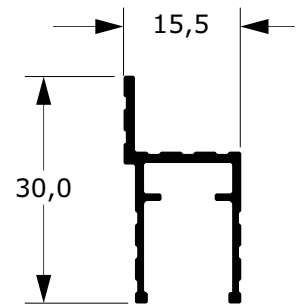
39-558

0,445 Kg/m



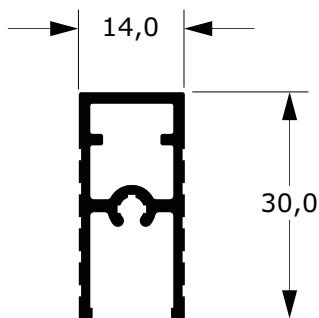
BAR-4024

0,240 Kg/m



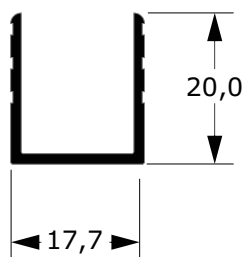
60-012

0,227 Kg/m



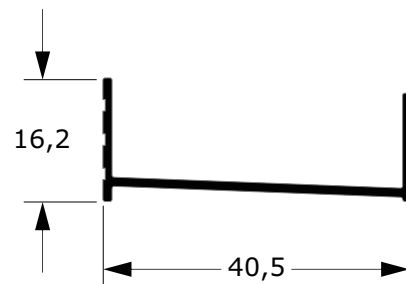
A-087

0,365 Kg/m



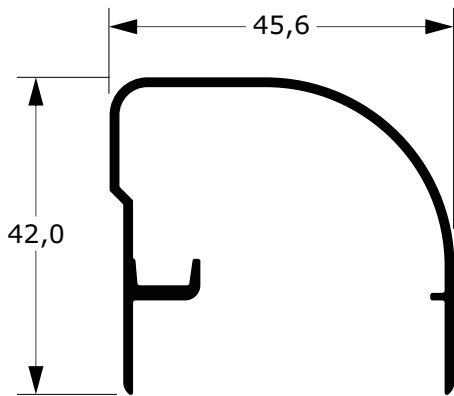
U-654

0,198 Kg/m



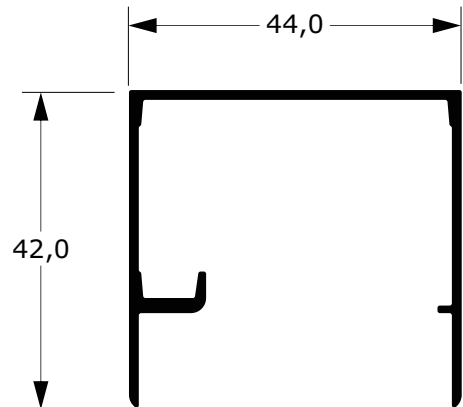
39-564

0,215 Kg/m



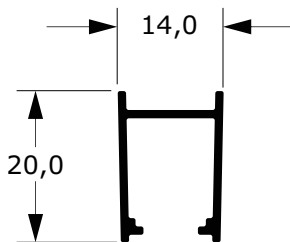
39-896

0,471 Kg/m



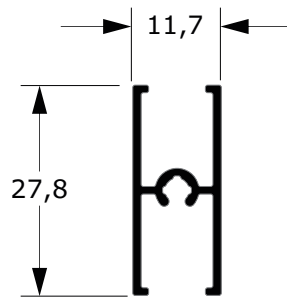
39-897

0,514 Kg/m



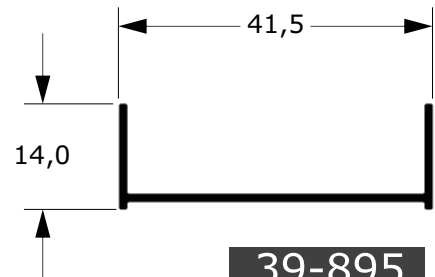
39-898

0,170 Kg/m



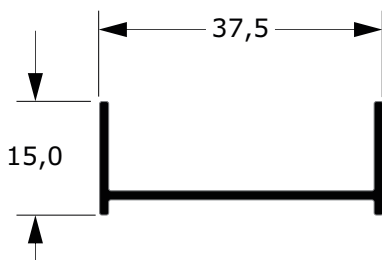
44-035

0,223 Kg/m



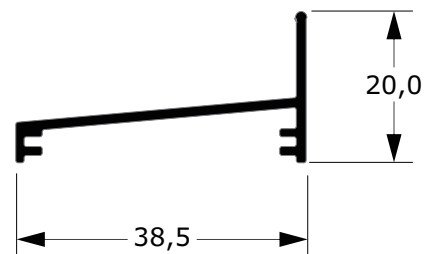
39-895

0,200 Kg/m



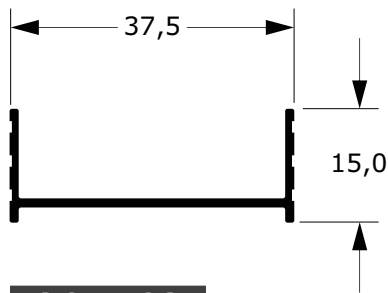
39-894

0,211 Kg/m



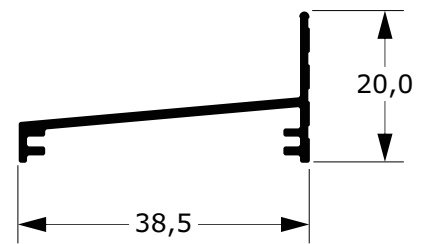
29-175

0,231 Kg/m



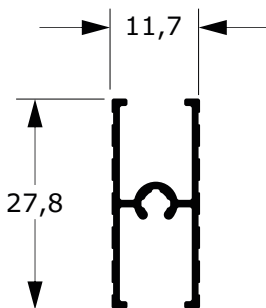
39-563

0,204 Kg/m



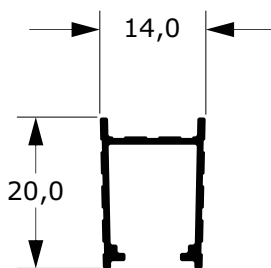
29-173

0,228 Kg/m



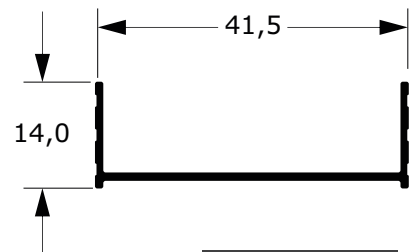
44-032

0,213 Kg/m



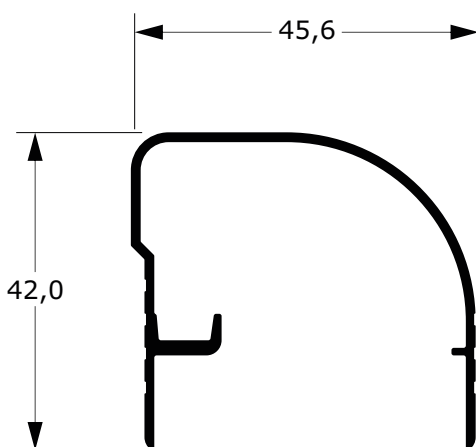
39-849

0,161 Kg/m



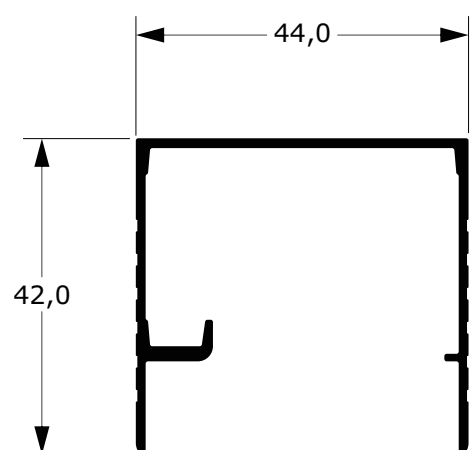
39-848

0,195 Kg/m



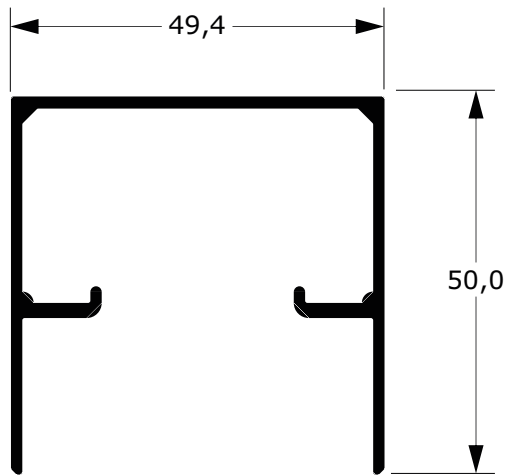
39-850

0,465 Kg/m

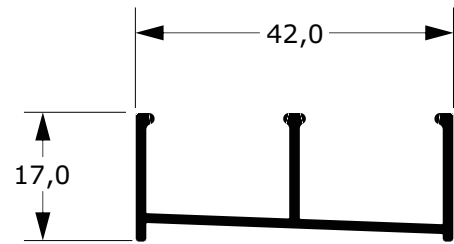


39-851

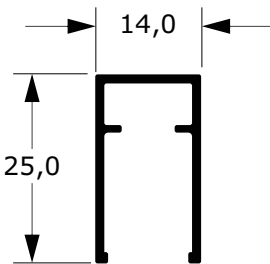
0,504 Kg/m



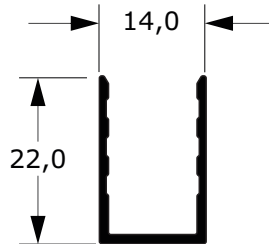
U-397
0,620 Kg/m



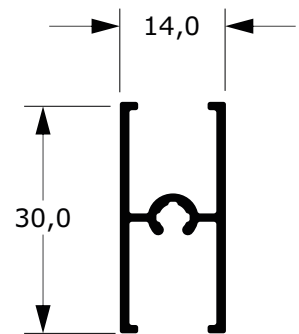
E-117
0,334 Kg/m



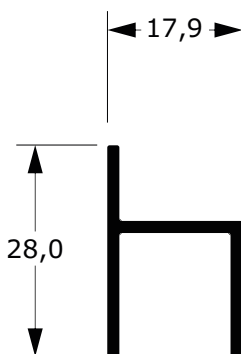
U-1056
0,228 Kg/m



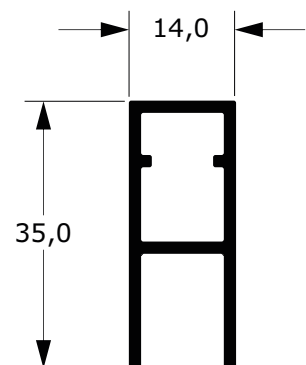
39-956
0,166 Kg/m



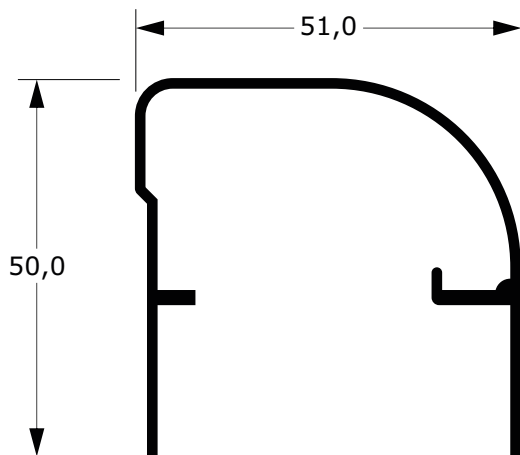
I-083
0,320 Kg/m



Y-107
0,262 Kg/m

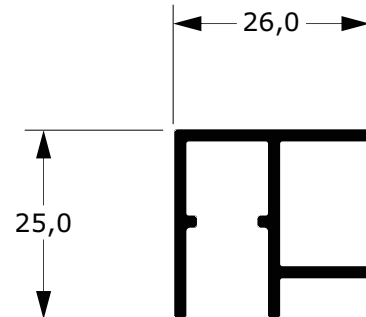


A-022
0,409 Kg/m



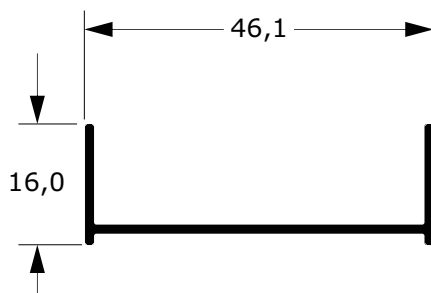
39-255

0,615 Kg/m



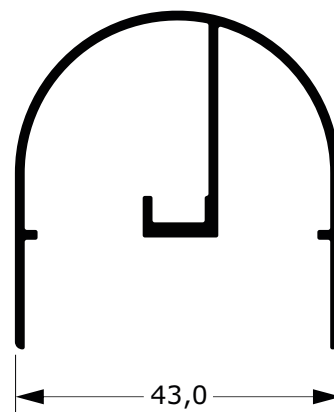
Y-105

0,388 Kg/m



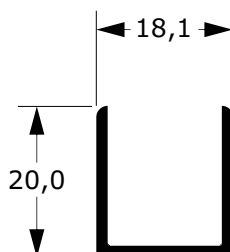
U-399

0,245 Kg/m



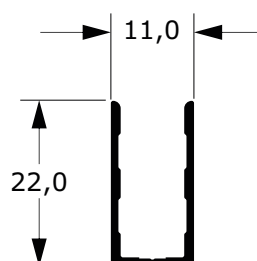
39-1006

0,568 Kg/m



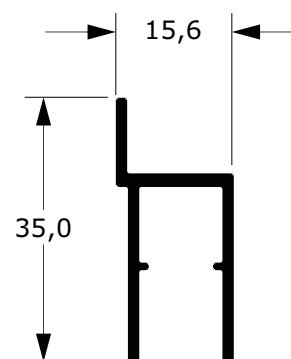
U-398

0,220 Kg/m



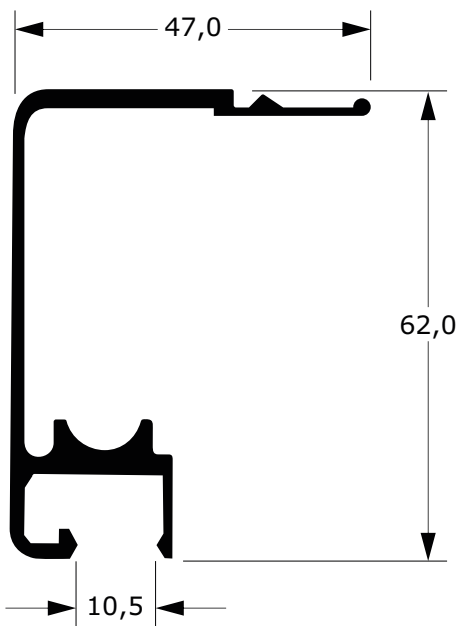
39-639

0,167 Kg/m



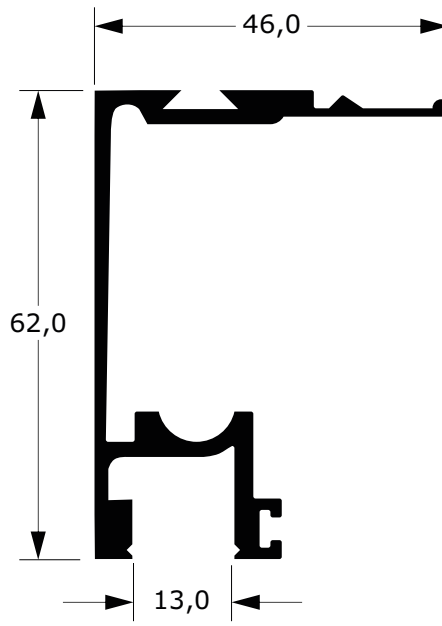
Y-106

0,311 Kg/m



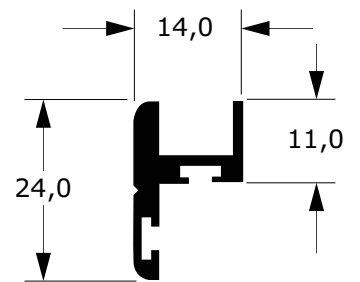
29-027

0,803 Kg/m



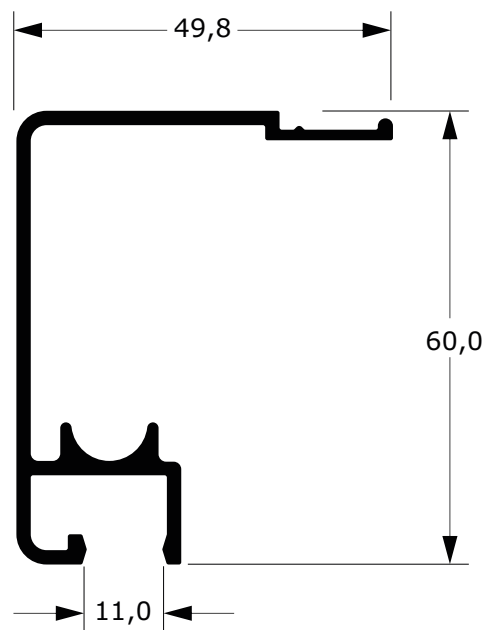
29-176

0,956 Kg/m



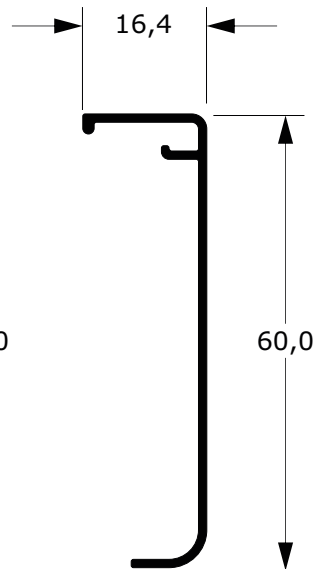
Y-343

0,275 Kg/m



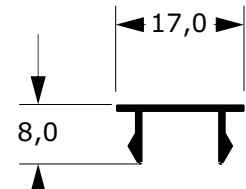
29-194

0,819 Kg/m



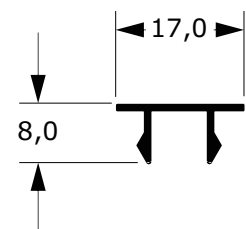
39-957

0,264 Kg/m



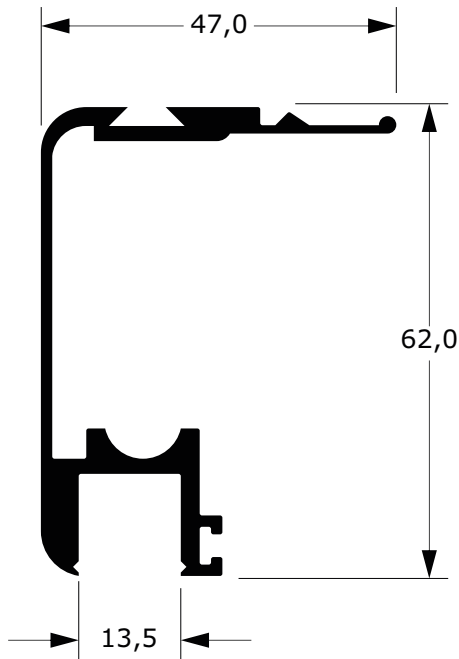
U-491

0,093 Kg/m

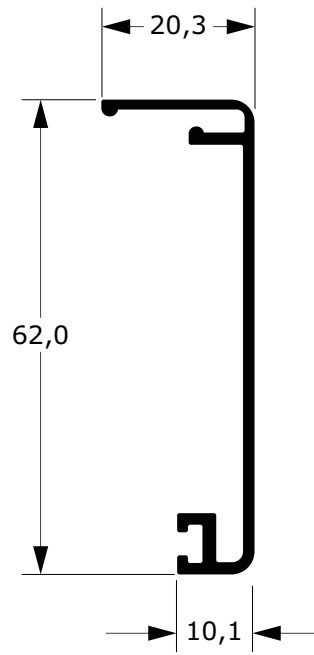


39-128

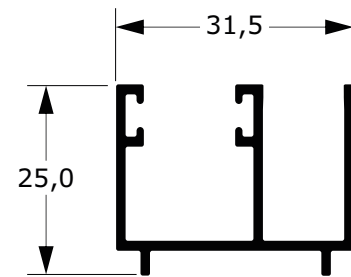
0,093 Kg/m



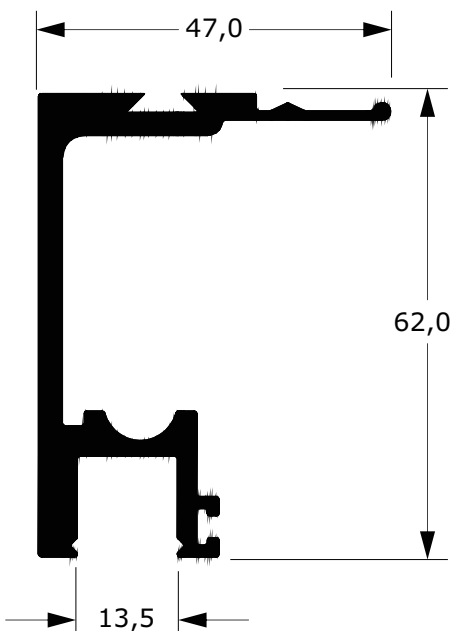
L-713 A
0,970 Kg/m



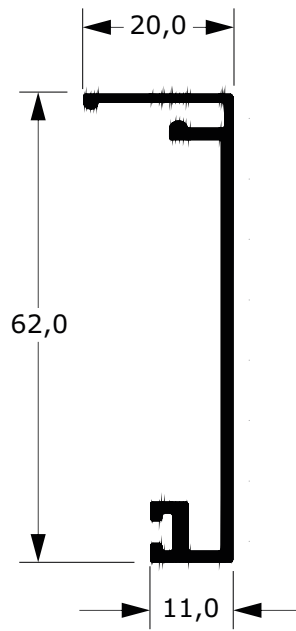
E-512 A
0,433 Kg/m



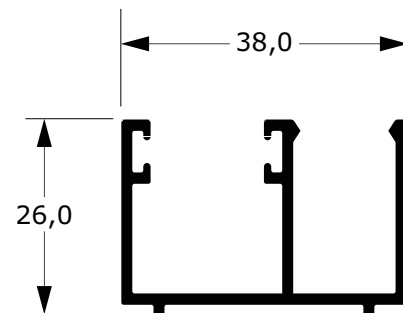
39-025
0,358 Kg/m



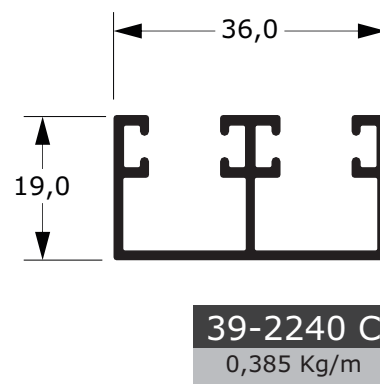
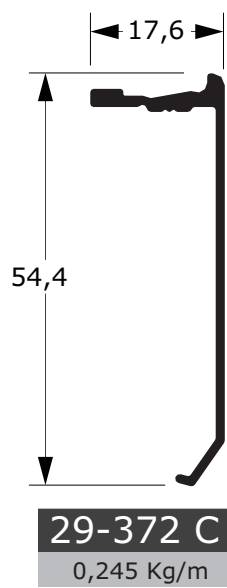
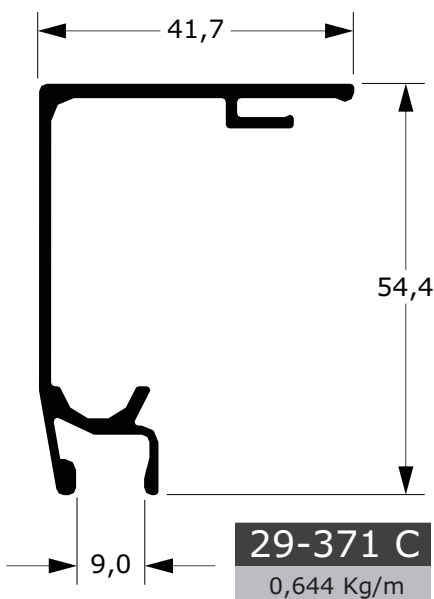
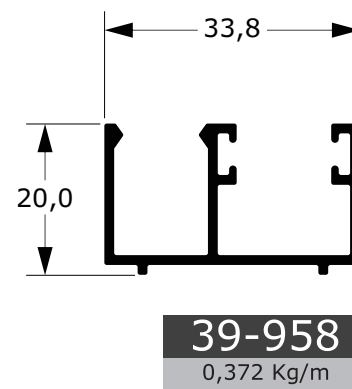
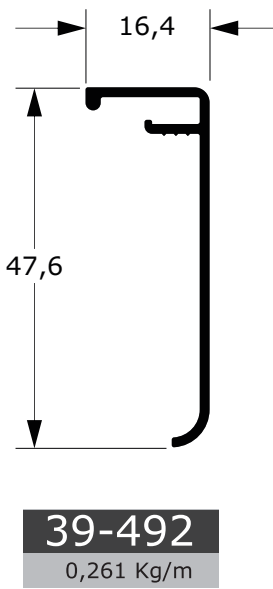
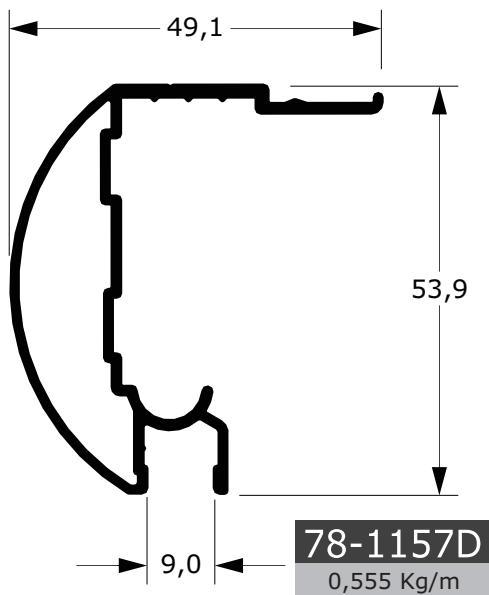
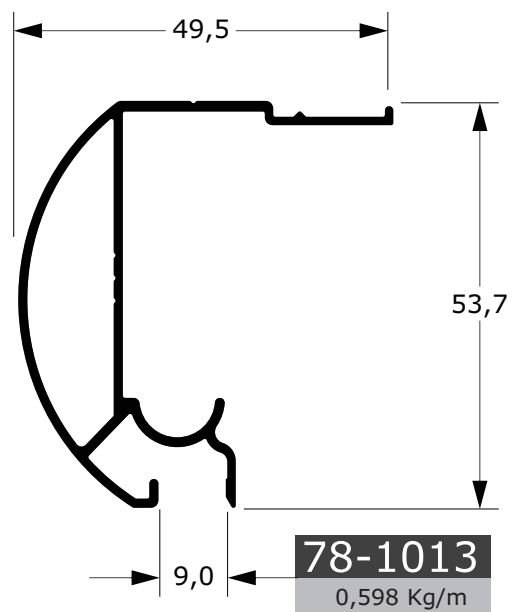
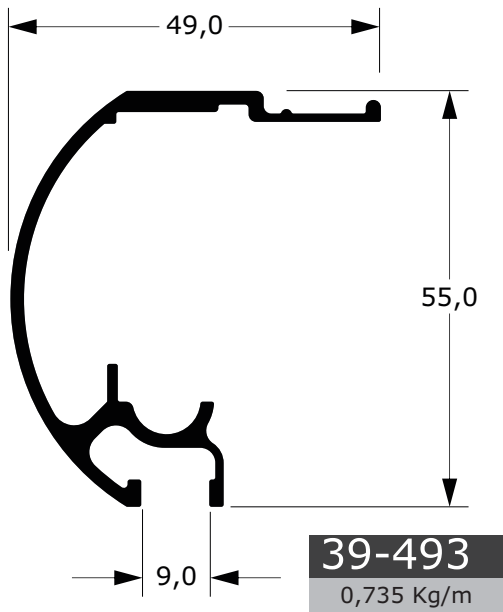
L-713
1,278 Kg/m

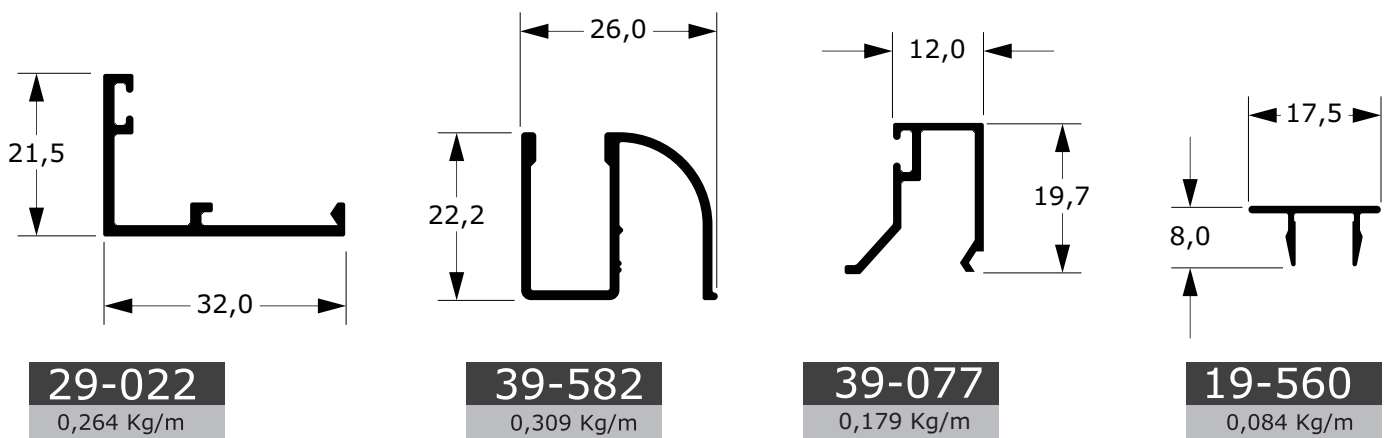
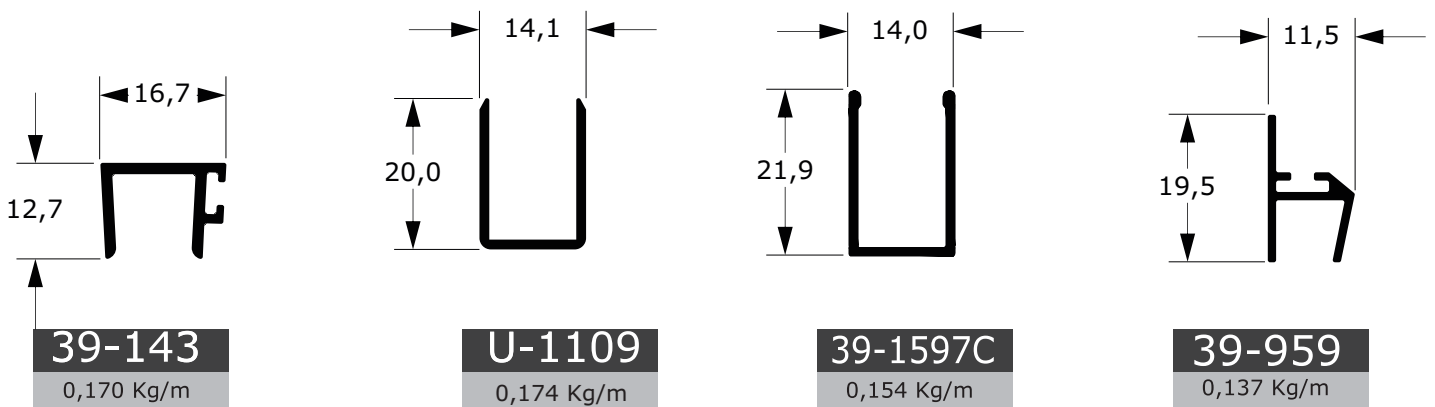
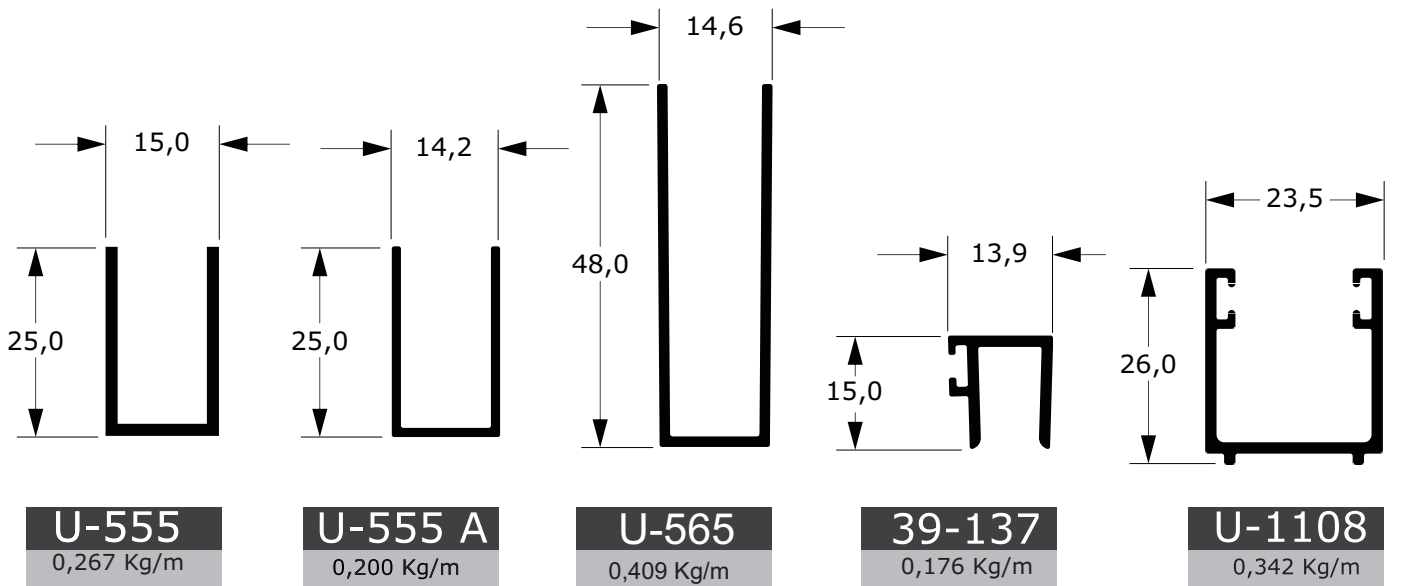


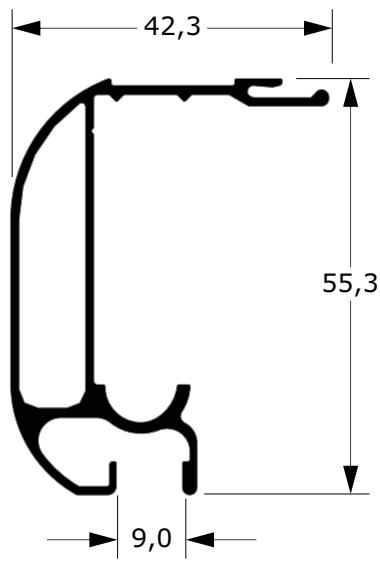
E-512
0,435 Kg/m



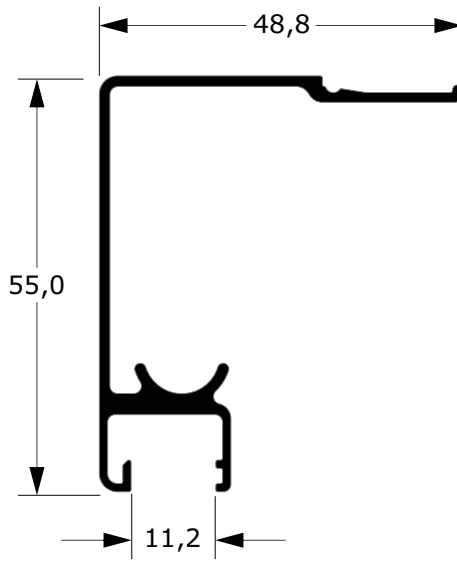
E-306
0,404 Kg/m



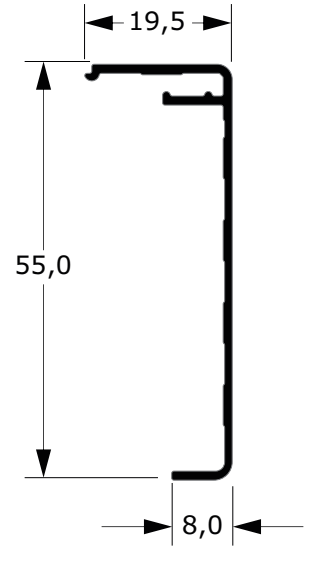




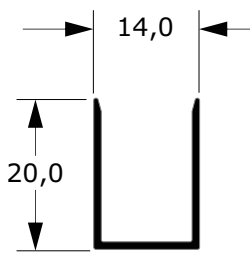
78-1160D
0,687 Kg/m



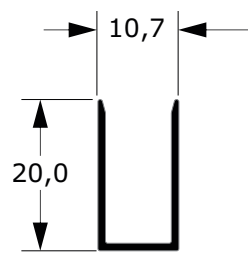
29-241C
0,593 Kg/m



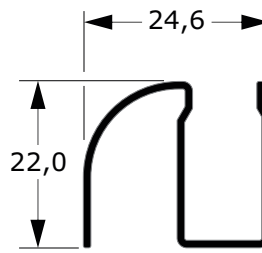
39-1327C
0,275 Kg/m



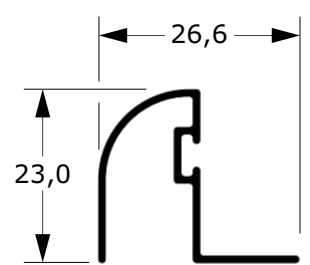
31-044
0,138 Kg/m



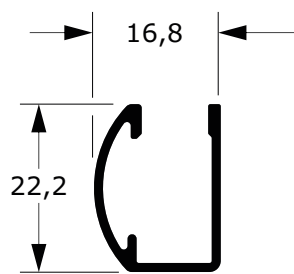
31-045
0,129 Kg/m



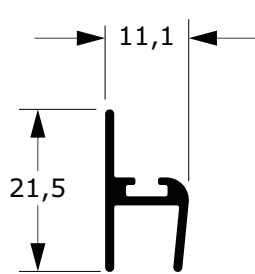
39-1325C
0,231 Kg/m



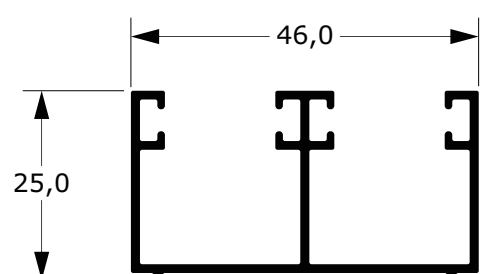
39-1132C
0,197 Kg/m



39-335
0,217 Kg/m

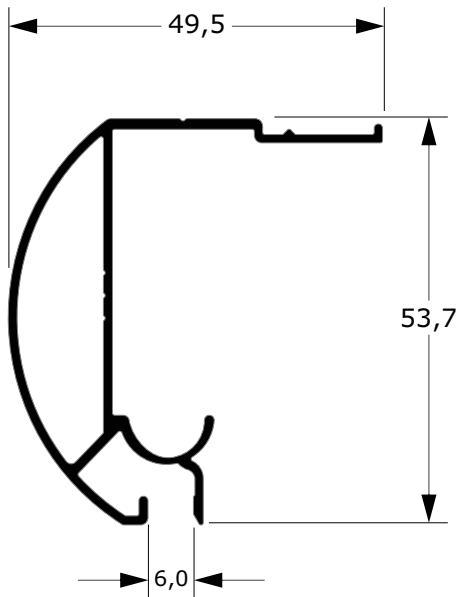


60-014
0,160 Kg/m



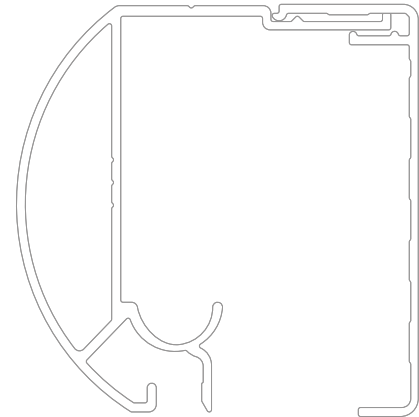
39-1271C
0,501 Kg/m

Lined area for notes.

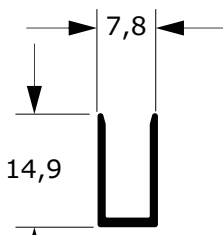


78-1293D

0,605 Kg/m

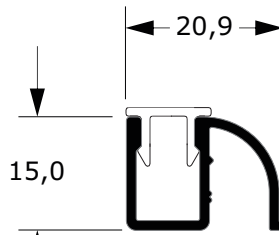


Esquema de Montagem



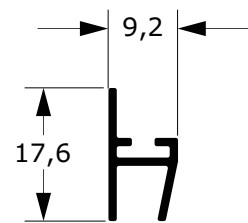
31-066C

0,089 Kg/m



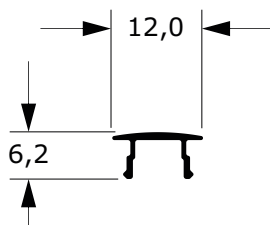
39-1382C

0,218 Kg/m



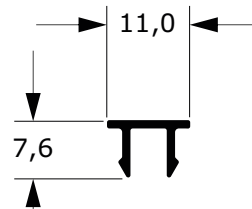
39-1383C

0,118 Kg/m



39-336

0,055 Kg/m



39-1381C

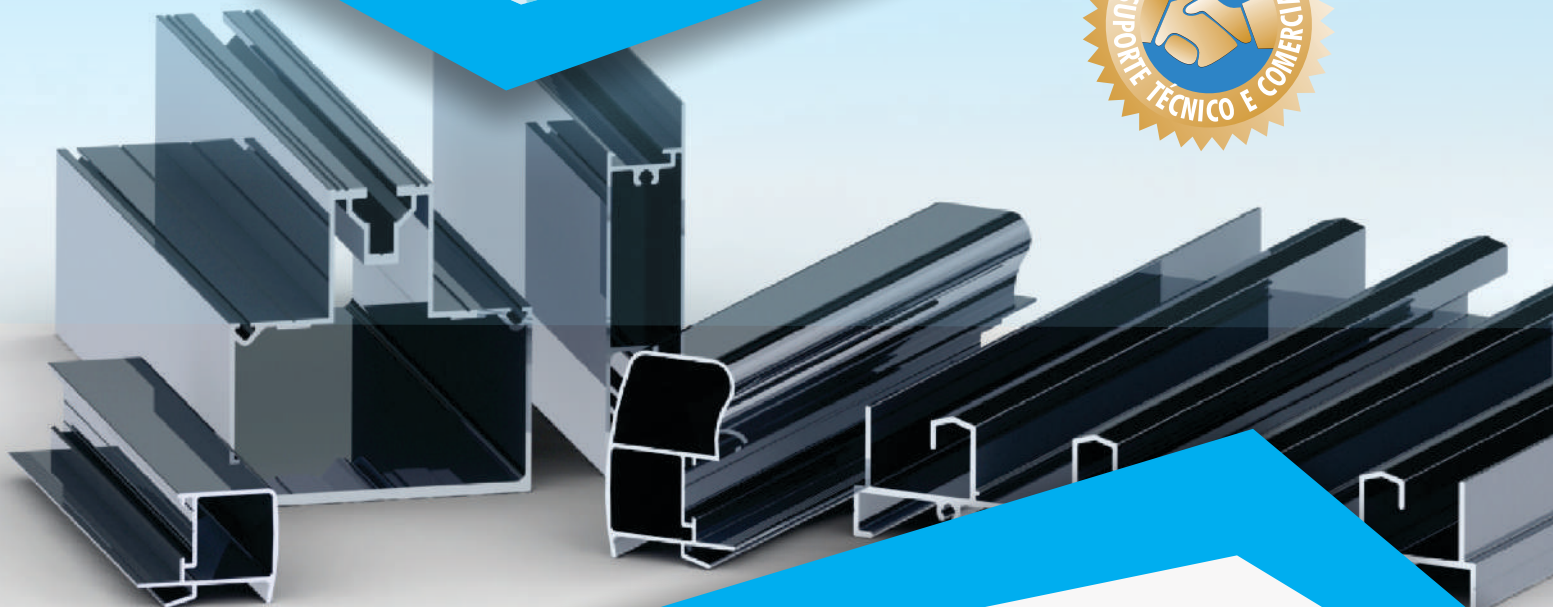
0,072 Kg/m



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Nossa história, **nosso nome**, nossa identidade. **Asa sempre!**

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