

General Catalogue

Volume one

01-2016-V.1

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GENERAL CATALOGUE - VOLUME 1

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GULF EXTRUSIONS

Gulf Extrusions Co. LLC, the flagship company of the Al Ghurair Group of Companies, was founded in 1978, Dubai, UAE where it has over the years earned the reputation known as one of the most innovative and reliable companies in the Middle East.

Located close to its raw material supplier Dubai Aluminium Company Ltd (DUBAL), the world's largest single smelter site, Gulf Extrusions has become one of the largest extrusion plants in the region.

Gulf Extrusions quality products can be seen in many of today's progressive structures. The company was formed with the sole purpose to meet the increasing demands for aluminium extrusions in domestic, regional and international markets.

Gulf Extrusions six presses and highly skilled workforce are able to produce 60,000 metric tonnes per annum with a rated capacity of 24,000 tonnes for powder coated finish, 6,000 tonnes for anodized finish and can offer more than 18,000 profile designs. These extrusions cover numerous industries ranging from architectural to transportation, engineering to structural sections, components for household items, HVAC and customized products.

During the progressive stages of Gulf Extrusions, from its inception to expansion, the company not only has acquired a majority share in the local market, it has also made its presence felt globally throughout the GCC countries, Indian sub -continent, South East Asia, Australia, Africa, Europe and Canada.

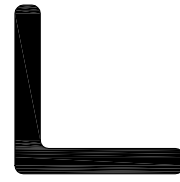
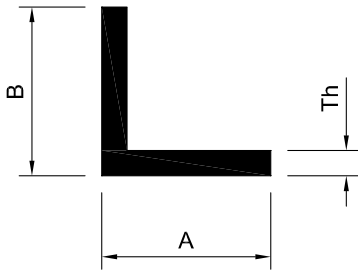
Our commitment and utmost priority is to provide customers with the finest quality of aluminium extrusions.

Gulf Extrusions looks ahead to inevitable challenges and product advancements of the new era.



STANDARD PROFILES

Equal Angles

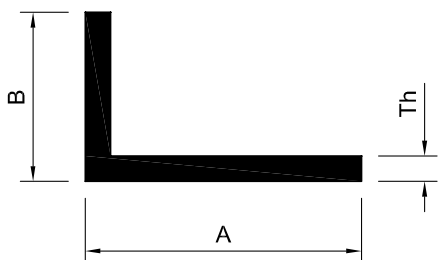


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
01060	8	8	2	--	0.075
01059	13	13	2	--	0.129
01047	15	15	1	--	0.078
01017	15	15	1.3	--	0.101
01012	15	15	1.5	--	0.116
01045	17.5	17.5	1.5	--	0.136
01050	20	20	1	--	0.105
01018	20	20	1.2	--	0.126
01028	20	20	1.3	--	0.136
01013	20	20	1.4	--	0.150
01001	20	20	1.5	--	0.168
01042	20	20	2	--	0.205
01048	25	25	1	--	0.132
01029	25	25	1.2	--	0.158
01014	25	25	1.4	--	0.184
01002	25	25	2	--	0.259
01041*	25	25	3	3	0.376
01054	29	29	2	--	0.302
01049	30	30	1	--	0.159
01036	30	30	1.1	--	0.175
01010	30	30	1.5	--	0.240
01024	30	30	2	--	0.313
01007	30	30	2.5	--	0.384
01019	30	30	2.8	--	0.432
01031	30	30	3	--	0.462
01025	30	30	4	--	0.605
01003	30	30	5	--	0.742
01037	35	35	3	--	0.543

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
01035	38	38	1.15	--	0.232
01030	38	38	3.3	--	0.648
01020	38	38	3.5	--	0.685
01046	40	40	1.3	--	0.276
01015	40	40	2	--	0.422
01051	40	40	2.2	--	0.462
01043	40	40	2.5	--	0.523
01034	40	40	2.8	--	0.584
01004	40	40	3	--	0.623
01026	40	40	3.5	--	0.723
01021	40	40	3.7	--	0.762
01009	40	40	4	--	0.820
01032	40	40	5.5	--	1.106
01053	44.5	44.5	3	--	0.697
01023	50	50	2	--	0.529
01005	50	50	3	--	0.785
01008	50	50	4	--	1.036
01044	50	50	5	--	1.283
01033	51	51	5.5	--	1.433
01058	60	60	6	--	1.846
01011	75	75	3	--	1.195
01022*	75	75	4.7	1	1.841
01027	76	76	4.8	--	1.907
01052	90	90	3	--	1.434

Unequal Angles

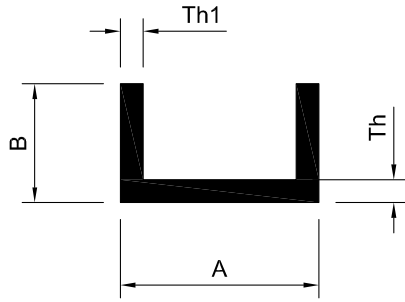


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
02013	20	10	1.5	--	0.115
02036	20	12	6/3.5	--	0.381
02040	22	8	3	--	0.219
02052	30	13	3	--	0.324
02045	30	15	3	--	0.340
02008	30	17	2	--	0.243
02001	30	20	1.5	--	0.196
02034	30	20	2	--	0.259
02009	30	25	4	--	0.551
02016	31	14.7	2	--	0.236
02048*	38	12	1.5	0.75	0.195
02024	38	33	2.8	--	0.516
02020	38	34	3.2	--	0.594
02014	38	34	3.5	--	0.647
02015	40	20	2	--	0.313
02033	40	35	3	--	0.583
02025	45	27	1.2	--	0.229
02017	47	15	1.5	--	0.245
02044	50	25	3	--	0.583
02037	53	20	3	--	0.567
02042	55	28	2	--	0.437
02053*	57	45	3	1	0.802
02012	60	18	6	--	1.166
02003	66.5	44.5	4	--	1.156
02046	68	29	2	--	0.512
02002	70	25	2	--	0.502
02004	75	50	3	--	0.988
02043	76.2	25.4	3	--	0.799

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
02007	78.5	12.5	2	--	0.479
02039	82	75	8	--	3.218
02006	90	30	5	--	1.553
02038	100	40	2	--	0.745
02005*	100	50	6	8	2.365
02054	100	40	3	--	1.109
02047	100	50	6	--	2.331
02018	101.6	10	1.5	--	0.446
02058	135	20	2	--	0.826
02010	142	48.5	4	--	2.014
02021	150	25	3	--	1.393
02049	150	50	3	--	1.596
02050	187	100	12/6	--	7.484

Channels

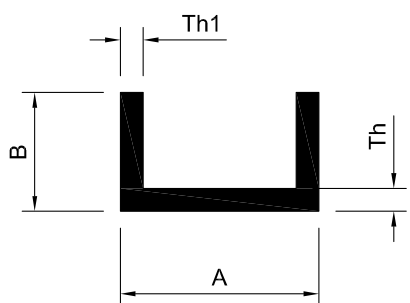


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
03092	6.6	10	1.2	1.2	--	0.077
03100	8.4	13	1.2	1.2	--	0.103
03088	9	12	1.5	1.5	--	0.121
03082	10.2	12.1	1.6	1.8	--	0.146
03042	11.5	13	2.5	1.5	--	0.163
03067	12	9	1.2	1.2	--	0.089
03112	12	23	2	2	--	0.292
03029*	12.3	19	3	1.3	2	0.207
03005	13	19.1	1.8	1.8	--	0.231
03054	14	15	1.5	1.5	--	0.166
03091	15	10	1.2	1.2	--	0.105
03105	15	35	2.25	2.25	--	0.489
03060	16.5	19.5	1.2	1.2	--	0.171
03052	17	17	1.5	1.5	--	0.194
03031*	17.5	35	4	3.25	1	0.732
03071	18	40	4	4	--	0.972
03063	18.8	12.5	1	1	--	0.113
03062	19	12.5	2	2	--	0.216
03061	20	12	2	2	--	0.216
03080	20	20	1.3	1.3	--	0.201
03001	20	20	2	2	--	0.302
03007*	20	30.5	3	3.5	1	0.674
03059	21	9.25	1.15	1.15	--	0.116
03038	23	15	1.2	1.2	--	0.164
03041	23	21.5	1.5	1.5	--	0.255
03040	24.8	15	1.4	1.4	--	0.197
03064	25	12	1.3	1.3	--	0.163

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
03094	25	38	2	2	--	0.524
03051	29	17	1.5	1.5	--	0.243
03050	29	21	1.5	1.5	--	0.275
03017*	29.5	52	2	2	2/4	0.688
03057	30	12	1.5	1.5	--	0.207
03072	30	15	2	2	--	0.302
03084*	30	18.5	1.8	1.8	1.8	0.304
03027	30	30	2	2	--	0.464
03047	30	50	10	5	--	1.890
03009*	32	3.5	1.5	1.2	0.6	0.142
03049	33	21	1.5	1.5	--	0.292
03053	34	15	1.5	1.5	--	0.247
03030	34	20	1.5	1.5	--	0.288
03099	34	75	4	4	--	1.900
03065	36	12	2	2	--	0.302
03013	38	25	3	3	--	0.665
03033	38.3	10.1	2.25	2.25	--	0.328
03081	40	20	1.1	1.1	--	0.231
03039	40	20	1.2	1.2	--	0.251
03019	40	20	1.55	1.55	--	0.322
03002	40	20	1.8	1.8	--	0.371
03043	40	20	2.2	2.2	--	0.449
03104	40	30	6	7.5	--	1.619
03018	40	40	2.5	2.5	--	0.776
03103	40	55	6	7.5	--	2.632
03089*	42.5	33	5	4.2	2	1.212
03076*	44	20	1.5	1.5	1/1.5	0.327
03075*	44	20	2	2	1	0.431

Channels

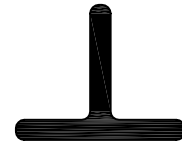
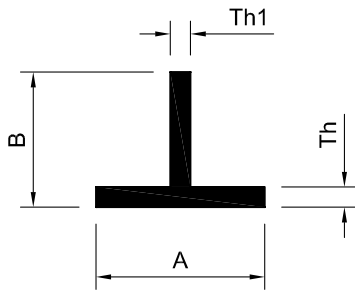


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
03073	44	20	2	2	--	0.432
03016	45	20	1.5	1.25	--	0.308
03011	45	60	2	2	--	0.870
03025*	46	10	2.5	2.5	1.5	0.409
03074*	48	90	12	12	1	6.606
03022	50	10.5	1.6	1.25	--	0.276
03024	50	16.6	1.6	1.6	--	0.346
03070	50	25	2	2	--	0.518
03023	50	50	3	3	--	1.167
03046	55	20	1.8	1.8	--	0.444
03034*	55	35	5	5	3	1.528
03028	56	20	2.5	2.5	--	0.614
03079	56	30	2.5	2.5	--	0.749
03026	58	40	1.5	1.5	--	0.547
03010*	59	38	3	3	3	1.045
03056	60	12	1.5	1.5	--	0.328
03045	60	20	4	4	--	0.994
03093	60	30	3	3	--	0.923
03117*	65	75	7	7	2	3.784
03014	66	30	3	3	--	0.975
03036	80	40	2	2	--	0.842
03090*	81.5	21.4	1.55	2.1	1/2	0.561
03055	94	15	3	3	--	0.956
03015*	94.25	40	2	2	2	0.923
03035	100	40	1.65	1.65	--	0.787
03020	100	40	4	4	--	1.858
03078	100	45	5	5	--	2.430
03004	101.6	41.45	1.8	1.8	--	0.880

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
03003	102	50	3	3	--	1.588
03021	110	20	2	2	--	0.789
03077	112	74	4	4	--	2.722
03032	118	20	4	4	--	1.620
03012	135	40	8	8	--	4.300
03066	180	15	2	2	--	1.112
03044*	200	76	12	12	2	10.631

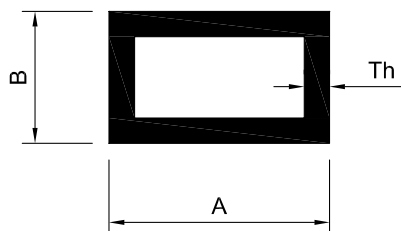
T - Sections



(*) denotes profile with corner radius / chamfer
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
04011	6	9.75	1.75	2	--	0.072
04012	6	11.5	1.5	2	--	0.078
04015	18	20	3.5	6	--	0.437
04002	19	59	1.6	1.6	--	0.333
04005	20	22	2	2	--	0.216
04014	20	35	1.3	1.3	--	0.188
04013	20	35	1.5	1.5	--	0.217
04016*	20	38	2.5	2	1/2	0.327
04017	20	50	3	3	--	0.542
04010	22	37	2	1.5	--	0.261
04003	25	25.2	3	3	--	0.382
04001*	27	27	1.8	1.8	0.9	0.254
04007	30	15	1.5	1.5	--	0.176
04004	40	40	2.5	2.5	--	0.523
04008*	50	50	4	4	3	1.047
04024	50	150	12	12	2/5	6.111
04006	52	40	1.8	1.8	--	0.438
04018	80	45	5	5	--	1.620
04009*	100	75	6	6	5	2.805

Rectangular Tubes

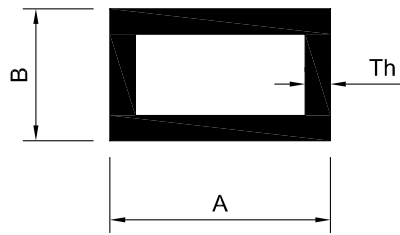


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Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05070	20	10	1.2	--	0.179
05153	20	10	1.5	--	0.218
05108	20	15	1.2	--	0.211
05177	24	15	1.5	--	0.291
05168	25	10	1.8	--	0.305
05146*	27.5	14	1.8	2	0.359
05203	30	20	3	--	0.713
05207	40	10	2	--	0.495
05035	40	20	1.1	--	0.345
05016	40	20	1.4	--	0.433
05008	40	20	1.8	--	0.550
05144*	40	20	2	2	0.596
05112	40	20	2.5	--	0.743
05100	40	26	3.2	--	1.030
05111	46	20	2.5	--	0.824
05064	50	15	1.5	--	0.502
05157	50	20	3	--	1.036
05117	50	25	1.1	--	0.432
05017	50	25	1.4	--	0.546
05199	50	25	2.5	--	0.945
05145*	50	30	1.8	1.8	0.735
05189	50.8	25.4	3.25	--	1.223
05125	54	25	1.5	--	0.616
05137	55	35	1.7	--	0.795
05105	55	45.5	3	--	1.530
05007	60	20	1.5	--	0.624
05194*	60	25	2	2	0.866
05018	60	30	1.4	--	0.660

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05166	60	30	3	--	1.360
05044	60	40	1.6	--	0.836
05002	60	40	2	--	1.037
05099	61	20	5	--	1.917
05139	64	25	1.7	--	0.786
05138	64	38	1.7	--	0.905
05096	69.5	33.5	2.5	--	1.322
05079	69.5	62.5	2.5	--	1.715
05118	70	25	1.1	--	0.551
05019	70	25	1.4	--	0.698
05003	70	46.5	3	--	1.790
05061	75	20	1.7	--	0.841
05060	75	50	1.6	--	1.052
05127	76	37	1	--	0.600
05092	80	15	1.1	--	0.551
05098	80	20	1.1	--	0.581
05076	80	20	1.35	--	0.709
05040	80	20	1.6	--	0.836
05013	80	25	2	--	1.091
05142	80	40	1	--	0.637
05121	80	40	1.1	--	0.700
05091	80	40	1.2	--	0.762
05041	80	40	1.25	--	0.793
05124	80	40	1.3	--	0.824
05014	80	40	1.4	--	0.886
05054	80	40	1.5	--	0.948
05059	80	40	2	--	1.253
05190	80	40	3	--	1.847

Rectangular Tubes

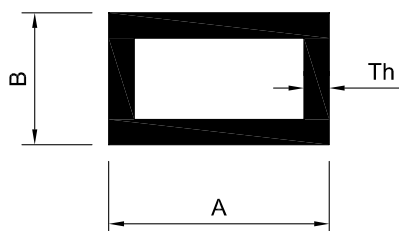


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05101	80	40	3.2	--	1.963
05057	80	50	1.6	--	1.096
05005	80	50	2	--	1.361
05211	85	50	2.7	--	1.882
05130	90	40	2	--	1.361
05148*	90	53	4	2	2.907
05173	93.2	59	2	--	1.600
05106	94	55	3	--	2.315
05140	95	25	1.7	--	1.070
05104	95.4	55	3	--	2.338
05086*	98	61	4	1	3.259
05120	100	15	1.15	--	0.700
05090	100	15	1.2	--	0.730
05075	100	15	1.35	--	0.819
05089	100	20	1.2	--	0.762
05084	100	20	1.3	--	0.824
05037	100	20	1.445	--	0.914
05009	100	20	2	--	1.264
05050	100	30	2.5	--	1.688
05038	100	40	1.33	--	0.991
05029	100	40	1.5	--	1.110
05004	100	40	2	--	1.469
05135	100	40	3	--	2.170
05006	100	45	1.8	--	1.374
05001*	100	45	2.5	1	1.900
05025*	100	45	3.5	1	2.609
05074	100	50	1.6	--	1.270
05151	100	50	2	--	1.577

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05058	100	50	2.5	--	1.958
05201	100	50	3	--	2.332
05033*	100	50	3.45	0.75	2.666
05026*	100	60	4	1.25	3.283
05042	100	70	1.65	--	1.485
05109	100	80	3	--	2.818
05103*	100	90	3	3/1.5	2.965
05131*	109	53	4	1.5	3.321
05187	110	44	1.8	--	1.461
05078	110	65	3	--	2.738
05167	115	90	4	--	4.254
05045	115	100	3.5	--	3.931
05185	120	20	1.5	--	1.110
05165	120	20	3	--	2.170
05043	120	40	1.7	--	1.438
05082	120	40	2	--	1.685
05056	120	50	3	--	2.657
05205	120	60	3	--	2.819
05212*	120	60	3	2	2.811
05220	120	80	8	--	7.949
05162	125	85	2	--	2.224
05046	140	40	2	--	1.901
05011	140	50	2	--	2.010
05115*	142.1	64.3	3	4/1	3.212
05178	146.5	54.5	4	--	4.169
05067	150	20	2	--	1.793
05088	150	37.5	2	--	1.981
05206	150	50	2	--	2.117

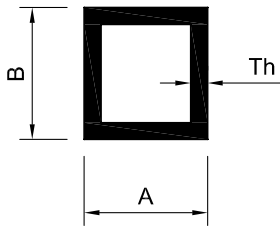
Rectangular Tubes



(*) denotes profile with corner radius / 'V' groove
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Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05192	150	50	3	--	3.143
05071	150	60	6/8	--	6.933
05087	150	75	3	--	3.548
05080	150	75	5	--	5.804
05150	150	100	2.4	--	3.177
05077	150	100	3	--	3.953
05184	150.6	67.3	3	--	3.433
05128*	156.5	52.5	6	1.5	6.378
05095*	183.5	53.5	4.5	1	5.551
05191	195	40	3	--	3.710
05154	200	50	3	--	3.952
05155*	200	50	6	6/2	7.637
05110	200	80	3	--	4.438
05158	200	100	3	--	4.763
05186	200	100	6.5	--	10.074
05172	200	150	3	--	5.572
05156	233	50	3	--	4.487
05149	250	75	3	--	5.167
05180	250	100	6	--	10.951
05171*	250	150	3	1	6.380
05195	300	100	3	--	6.383
05161*	300	200	4	1	10.627
05179	380	100	6	--	15.163

Square Tubes

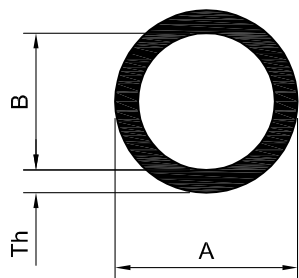


(*) denotes profile with corner radius / 'V' groove
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05147*	14	14	1.7	1.5	0.221
05051	19.5	19.5	1.7	--	0.327
05113	20	20	1.25	--	0.253
05047*	24	24	1.2	1	0.293
05028*	25	25	1.2	1	0.307
05063	25	25	1.5	--	0.381
05027*	25	25	1.7	1	0.426
05208	25	25	2	--	0.497
05055	30	30	1.5	--	0.462
05085	30	30	2	--	0.605
05159	30	30	3	--	0.874
05068*	30	30	5	1	1.352
05143	35	35	1.1	--	0.403
05052	35	35	1.3	--	0.473
05049	35	35	1.4	--	0.508
05136	35	35	1.7	--	0.611
05123	40	40	0.9	--	0.380
05141	40	40	1	--	0.421
05122	40	40	1.1	--	0.462
05039	40	40	1.16	--	0.486
05034	40	40	1.2	--	0.503
05015	40	40	1.3	--	0.543
05020	40	40	1.4	--	0.584
05012	40	40	1.8	--	0.743
05097	40	40	3	--	1.199
05010	44.5	44.5	2.5	--	1.134
05065	45	45	2	--	0.929
05119	45	45	3	--	1.361

Profile Reference	A mm	B mm	Th mm	Corner Radius	Kg. / m.
05073	50	50	1.35	--	0.709
05188	50	50	2	--	1.037
05081	50	50	2.2	--	1.136
05031	50	50	3	--	1.523
05204	54	54	2.5	--	1.390
05163	57	57	6	--	3.305
05102	60	60	3	--	1.847
05032	60	60	4	--	2.419
05062	75	75	1.7	--	1.346
05222	75	75	3.2	--	2.481
05048	76	76	6	--	4.535
05072	80	80	1.6	--	1.355
05030	80	80	2	--	1.685
05209*	80	80	2.5	2	2.085
05116	80	80	3	--	2.495
05210*	80	80	4	2	3.276
05069	100	100	2	--	2.117
05094	100	100	3	--	3.143
05129	100	100	5	--	5.130
05107*	102.5	102.5	12.5	1	12.150
05200	150	150	3	--	4.763
05152*	150	150	6	2/1	9.338
05198	180	180	3	--	5.735
05224	200	200	4	--	8.467

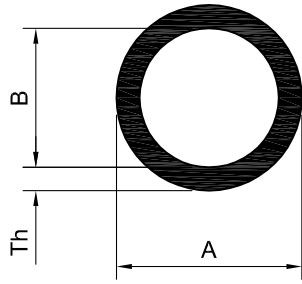
Round Tubes



Profile Reference	A mm	B mm	Th mm	Kg. / m.
06103	8	5.8	1.1	0.064
06083	9.6	6.2	1.7	0.114
06106	10	7.4	1.3	0.096
06045	12	10	1	0.093
06017	12	9	1.5	0.134
06075	13.5	10	1.75	0.174
06008	17	14	1.5	0.200
06019	18.5	15.5	1.5	0.216
06053	19	16.4	1.3	0.195
06054	22	19.4	1.3	0.228
06001	22	19	1.5	0.265
06055	25	22.4	1.3	0.261
06034	25	21	2	0.390
06021	25	17	4	0.713
06078	27	13	7	1.187
06056	28	25.4	1.3	0.294
06082	28.4	24.4	2	0.447
06110	30	27.2	1.4	0.340
06025	30	26.4	1.8	0.431
06059	30	25	2.5	0.583
06088	31.5	7.5	12	1.985
06068	33	28	2.5	0.647
06039	33	27	3	0.763
06012	33.5	25.5	4	1.001
06024	35	31.4	1.8	0.507
06081	35	29	3	0.814
06117	38	34	2	0.611
06035	38.1	31.5	3.3	0.974

Profile Reference	A mm	B mm	Th mm	Kg. / m.
06023	40	36.4	1.8	0.583
06007	40	34	3	0.950
06004	40	20	10	2.600
06013	45	40.5	2.25	0.816
06005	48	40	4	1.492
06101	48.5	42.5	3	1.158
06102	48.5	32.9	7.8	2.693
06072	48.6	40	4.3	1.616
06010	50	46	2	0.817
06011	50	45	2.5	1.011
06016	50	44	3	1.196
06014	51	45.5	2.75	1.126
06036	51	38.1	6.45	2.437
06080	51.4	45.4	3	1.231
06020	53.5	49.5	2	0.874
06060	60	56	2	0.984
06006	60	54	3	1.460
06037	60	52.3	3.85	1.834
06079	60	52	4	1.900
06002	60	36	12	4.900
06046	60.32	49.24	5.54	2.574
06061	63	58	2.5	1.283
06062	70	65	2.5	1.431
06026	73.1	60.4	6.35	3.595
06029	75	69	3	1.832
06069	75	65	5	2.969
06015	76	64	6	3.563
06018	77.3	73.3	2	1.287

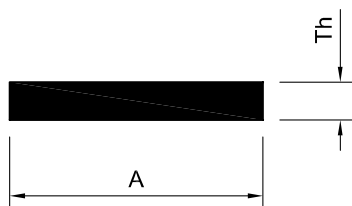
Round Tubes



Profile Reference	A mm	B mm	Th mm	Kg. / m.
06066	80	74	3	1.959
06115	80	70	5	3.181
06003	80	64	8	4.900
06042	85.7	73	6.35	4.274
06047	86	73	6.5	4.383
06105	90	86.4	1.8	1.346
06120	92.7	80	6.35	4.651
06032	96	90	3	2.367
06063	98	93	2.5	2.025
06027	100	94	3	2.468
06022	100	90	5	4.029
06093	100	64	18	12.520
06031	101	51	25	16.116
06065	101.6	88	6.8	5.468
06057	102	98.4	1.8	1.530
06064	105	100	2.5	2.174
06070	110	100	5	4.453
06049	111.76	107.44	2.16	2.008
06094	115	110	2.5	2.385
06048	119.4	105	7.2	6.852
06030	120.65	107.95	6.35	6.157
06038	121.4	107.25	7.075	6.861
06052	127	116.84	5.08	5.254
06043	130	120	5	5.301
06050	136.65	127	4.825	5.395
06040	140	116	12	13.029
06051	144.3	136.7	3.8	4.529
06041	145	120	12.5	14.049

Profile Reference	A mm	B mm	Th mm	Kg. / m.
06033	158.75	139.7	9.525	12.056
06028	168	160	4	5.564
06085	168.27	154.05	7.11	9.722
06044	200	192	4	6.650
06086	219.08	202.72	8.18	14.631

Flat Bars

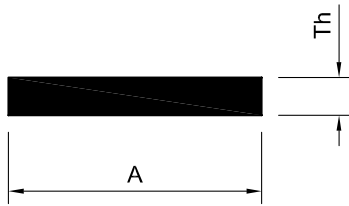


(*) denotes profile with corner radius / chamfer
Check before order confirmation.

Profile Reference	A mm	Th mm	(R)Corner Radius	Kg. / m.
07044	10	2	--	0.054
10295	15.8	12.7	--	0.542
07010	16	3	--	0.130
07045	20	2	--	0.108
07020	20	3	--	0.162
07007	20	5	--	0.271
07014*	20	5	1	0.268
07023	20	8	--	0.432
07061	20	10	--	0.539
07084	25	1.3	--	0.087
07034	27	4	--	0.292
07036	30	3	--	0.243
07015*	30	5	1	0.403
11300	30	20	--	1.620
07053	31	12	--	1.004
07012	32	2	--	0.173
07005	32	5	--	0.432
07051	34	5	--	0.458
07048	34	12	--	1.101
07029	40	2	--	0.216
07019	40	3	--	0.324
07002	40	4	--	0.435
07008	40	6	--	0.648
07035	40	8	--	0.864
07032	40	12	--	1.296
07011	40	20	--	2.160
07057	45	3	--	0.364
07058*	45.5	8	2	0.973

Profile Reference	A mm	Th mm	(R)Corner Radius	Kg. / m.
07013	47.5	2	--	0.257
07059	50	1.5	--	0.202
07016*	50	3	1.5	0.400
07001	50	4	--	0.540
07026	50	6	--	0.810
07027	50	10	--	1.350
07083	50	16	--	2.16
07054	54	8	--	1.166
07049	57	12	--	1.846
07050	57	17	--	2.616
07003	59.8	8	--	1.296
07030	60	3	--	0.486
07031	60	5	--	0.810
07009	60	6	--	0.972
07021	75	4	--	0.810
07082	75	20	--	4.05
07056*	75.5	8	2	1.622
07025	80	8	--	1.728
07052	80	10	--	2.159
07046*	82	2	1	0.441
07047*	91	3	1.5	0.734
07071	100	3	--	0.810
07070	100	6	--	1.620
07039	100	8	--	2.159
07004*	100	12	2	3.218
07033	100	20	--	5.400
07069	110	5	--	1.485
07060	110	10	--	2.969

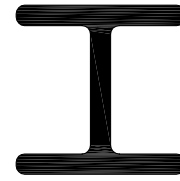
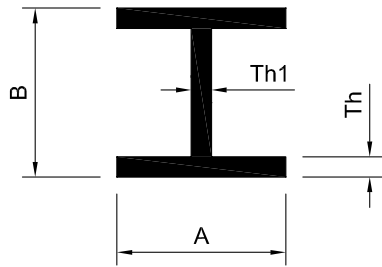
Flat Bars



(*) denotes profile with corner radius / chamfer
Check before order confirmation.

Profile Reference	A mm	Th mm	(R)Corner Radius	Kg. / m.
07062	115	6	--	1.862
07073	120	10	--	3.240
07041	130	8	--	2.807
22750*	135	20	1	7.288
22101	140	15	--	5.669
07017*	150	6	1	2.428
07018*	150	8	1	3.238
07028*	150	11	1	4.453
07006*	150	12.7	3	5.144
07055*	150	13	1	5.263
07072	170	6	--	2.753
23311*	170	20	1	9.177
22751*	180	30	1	14.578
07038	200	5	--	2.700
07040	200	6	--	3.240
07037*	200	9	1	4.860
07022*	200	15	1	8.098
07024*	200	20	2	10.791
07081*	250	7	1	4.722
07042	300	20	--	16.200
07043	300	30	--	24.299

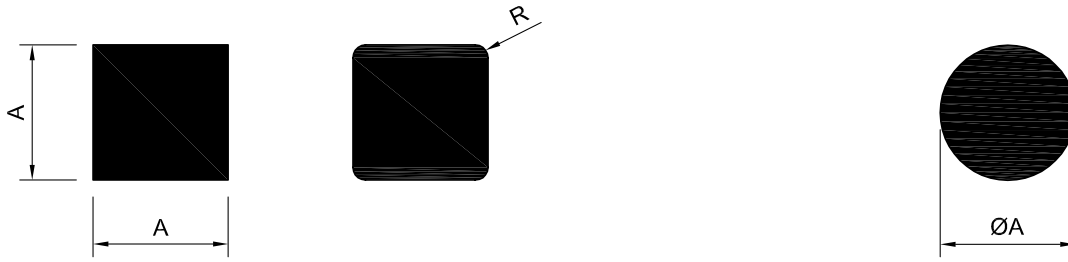
I - Sections



(*) denotes profile with corner radius / chamfer
Check before order confirmation.

Profile Reference	A mm	B mm	Th mm	Th1 mm	Corner Radius	Kg. / m.
08006	16	63.5	1.8	1.8	--	0.446
08004	18	15.7	3	3	--	0.370
08005*	19	41.25	6.3	3	--	0.899
08015*	20	34	2	2.5	3	0.420
08007	30	35	2.5	2.5	1	0.607
08003	30	55	2.5	2.5	--	0.743
08009	48	50	2	2	--	0.767
08010	60	56	2.5	2.5	--	1.154
08011*	70.2	30	3	4	3	1.406
08008*	85	180	9	8	5	7.683
08002	100	68	8	10	--	5.724
08012*	152.4	152.4	6.83	6.1	6.35	8.000
08013*	133.35	203.2	7.82	5.84	8.1	8.744
08020*	200	200	16	12	2	22.714

Rods - Square & Round



(*) denotes profile with corner radius / chamfer
Check before order confirmation.

Profile Reference	A mm	(R)Corner Radius	Kg. / m.
10707	9.8	--	0.259
22603	12	--	0.388
09692	15	--	0.608
11613	20	--	1.080
10018*	20	2	1.071
11552*	25	0.75	1.689
09336*	28.2	3	2.150
10111*	45	2	5.458
22424	50.8	--	6.967
09442	70	6	13.168

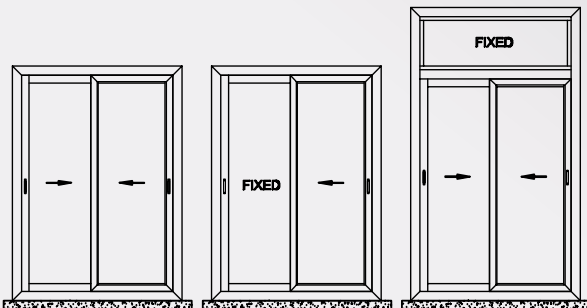
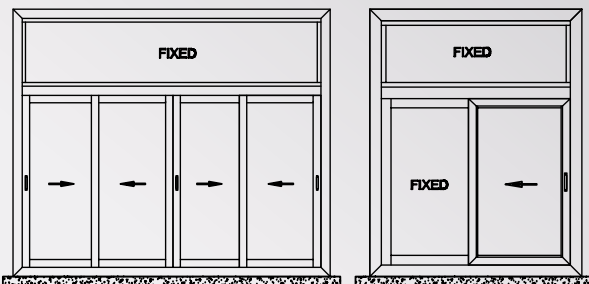
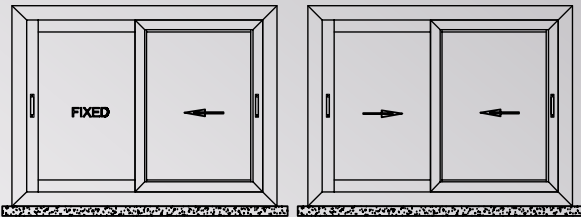
Profile Reference	Ø A mm	Kg. / m.
21119	6.5	0.090
11012	8	0.136
21912	10	0.233
21703	12	0.305
11297	20	0.848
21045	30	1.909
24761	45	4.294
21509	50	5.301
24114	60	7.634
24115	80	13.572
24112	90	17.177
21507	105	23.379
24113	110	25.659



COLD SLIDING SERIES

SLIDING 100mm

- Features Glass - 6mm to 24mm
- Alloys - 6063 / 6060/ 6061 / 6082
- Frame 100mm
- Sash: 23mm to 32.3mm
- Fly screen can be used from inside & Outside
- EPDM Gaskets
- 100mm Frame available with or without umbrella
- Assembly of the Frame cut 45° and of the Sash cut 45° & 90°
- Finishes:
Powder Coates
Anodizing
According to Shades available in Gulf Extrusions



Sliding 100mm Gulfex Series is a design concept to combine esthetics and performance. Full solution package is supported to fulfill the requirements to cover the needed applications. It is designed for heavy duty use according to the American National Standard. All profiles are available in all colors in order to meet today's modern architectural requirements. For better performance of the system, alignment cleats for the frame and shutter are used. Specially designed EPDM Gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as rollers and handles come as part of the system.

Sections:

The sections in Gulf Extrusions line are produced by extruding aluminium on a wide range of presses starting with 800 tons to 4400 tons press. They are made of aluminium alloy 6060, 6063, 6082 and 6005 according to British Standard Specification for extrusion Dimension Tolerances BS EN 755-9:2008 and BS EN 12020-2:2008.

Frame:

Tubular with a width of 100mm, a wide range of frames are available to suit most of the required applications in the building codes. Fly screen rail is embedded in the frames. It is made for internal and external fly screen depending on the project requirements.

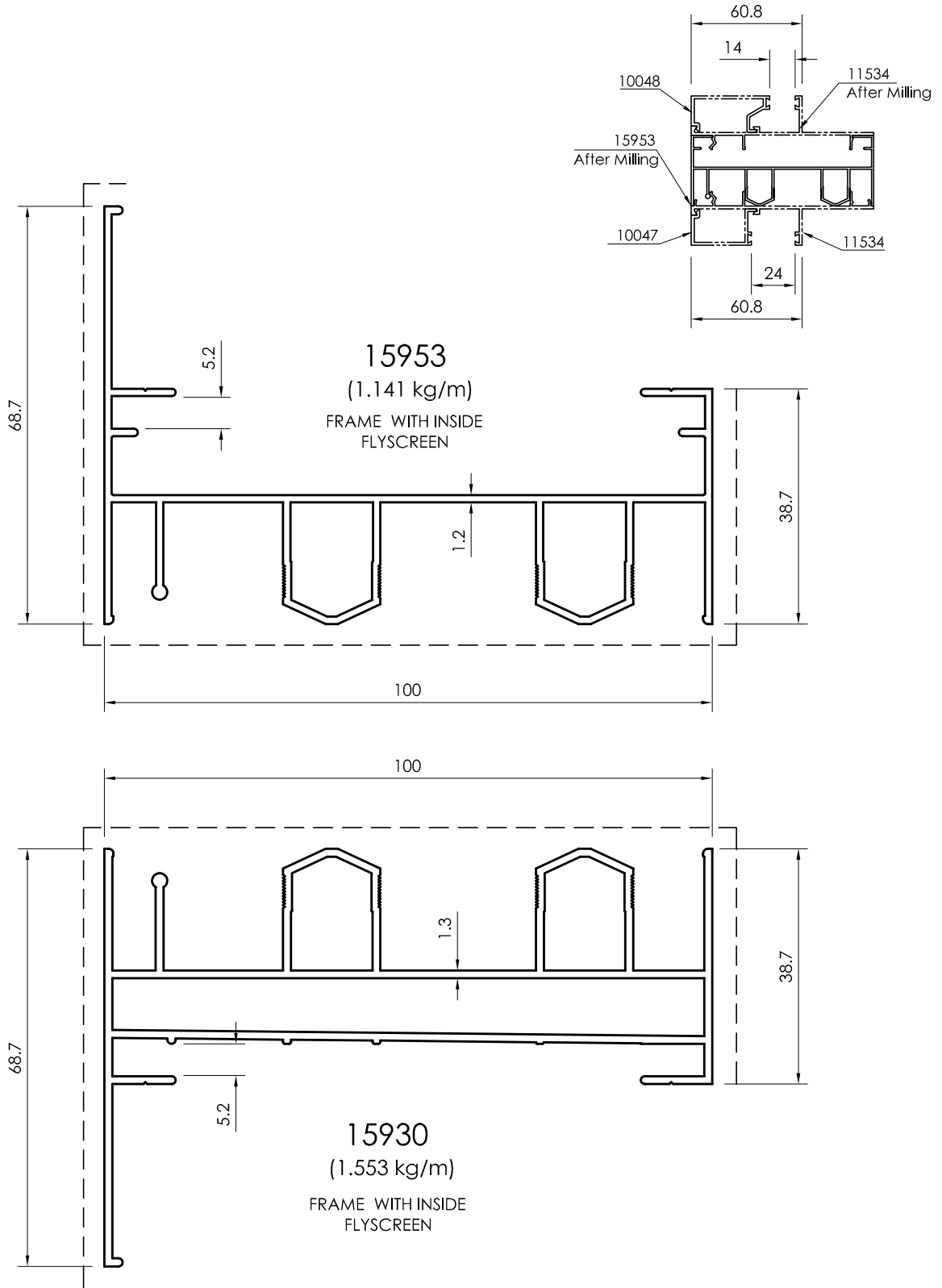
Sash:

Tubular straight, elegant and stylish. A wide range is available to cover all the needed applications and glass thickness.

Assembly:

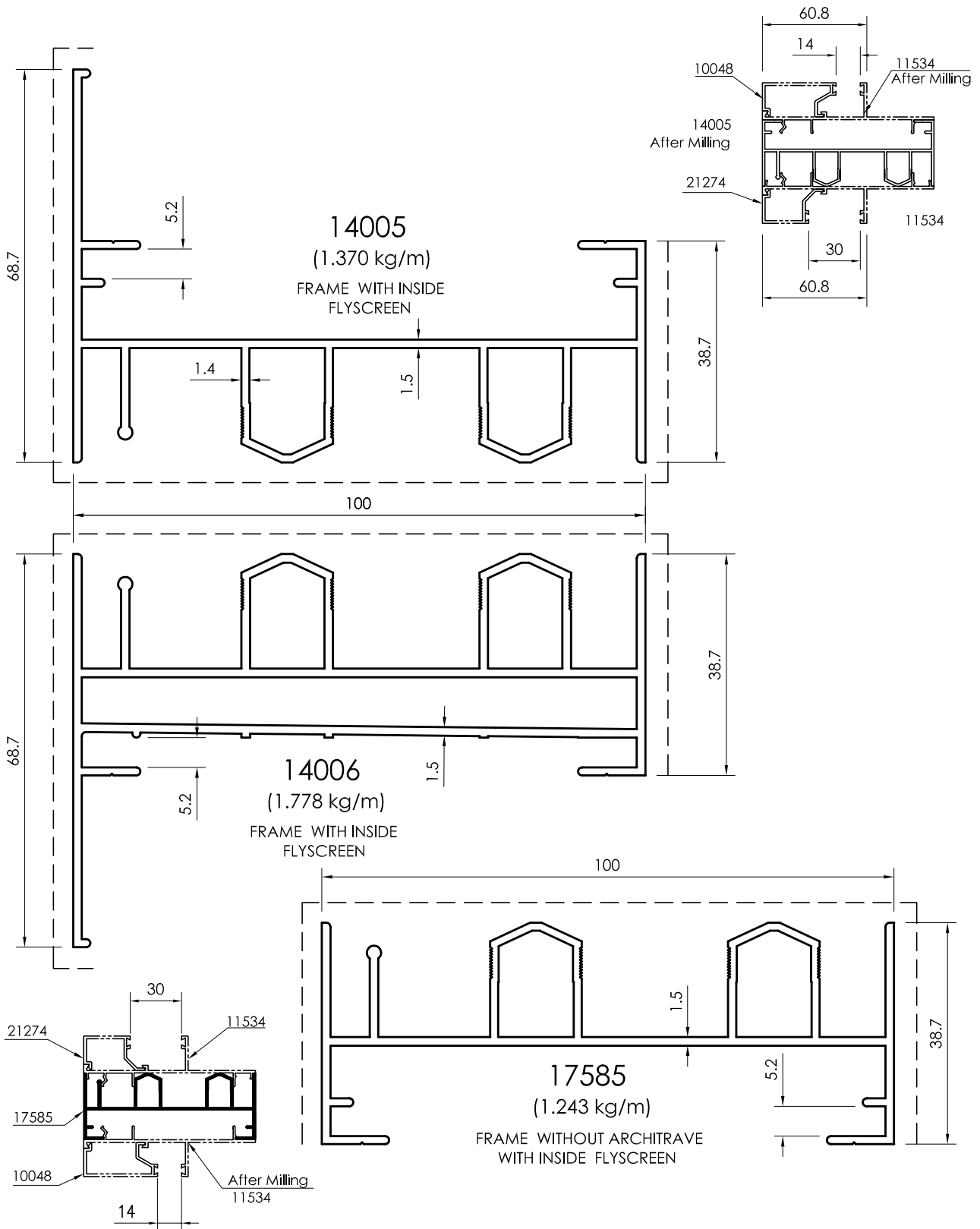
Assembly of the frames is done by 45° cut whereas the sashes are custom 90° & 45° cut.

Frame Profiles



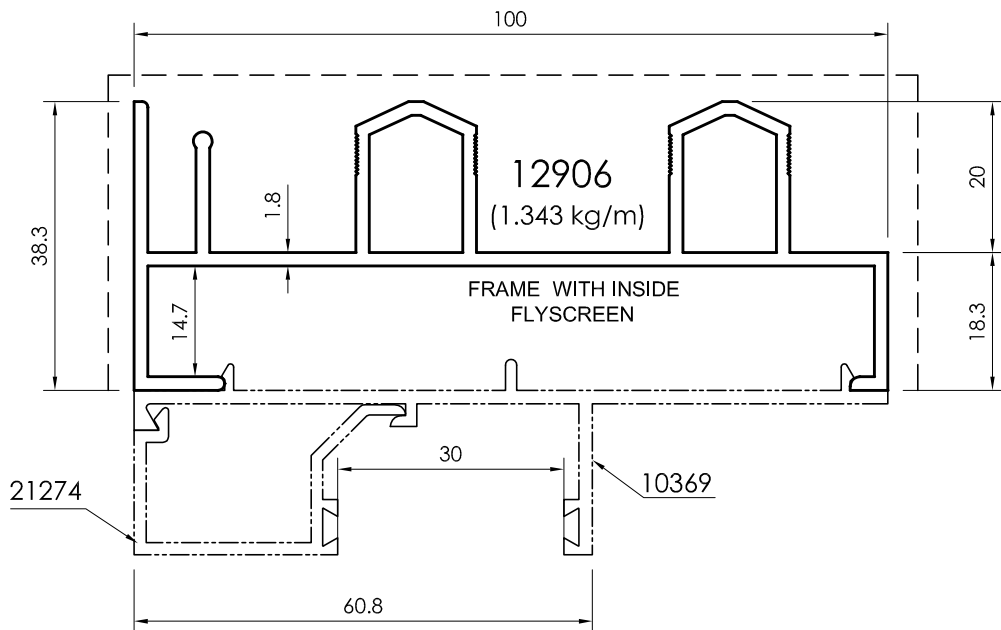
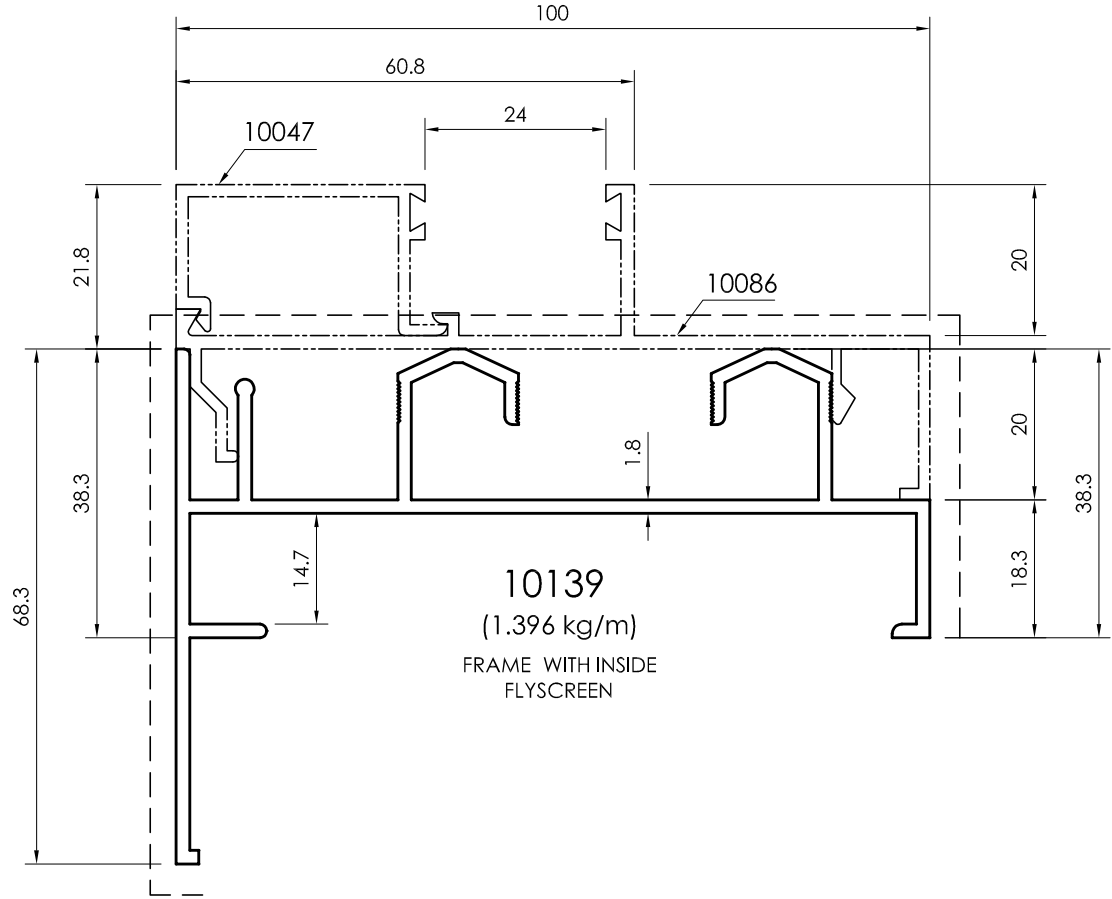
All dimensions in mm
----- Visible area

Frame Profiles



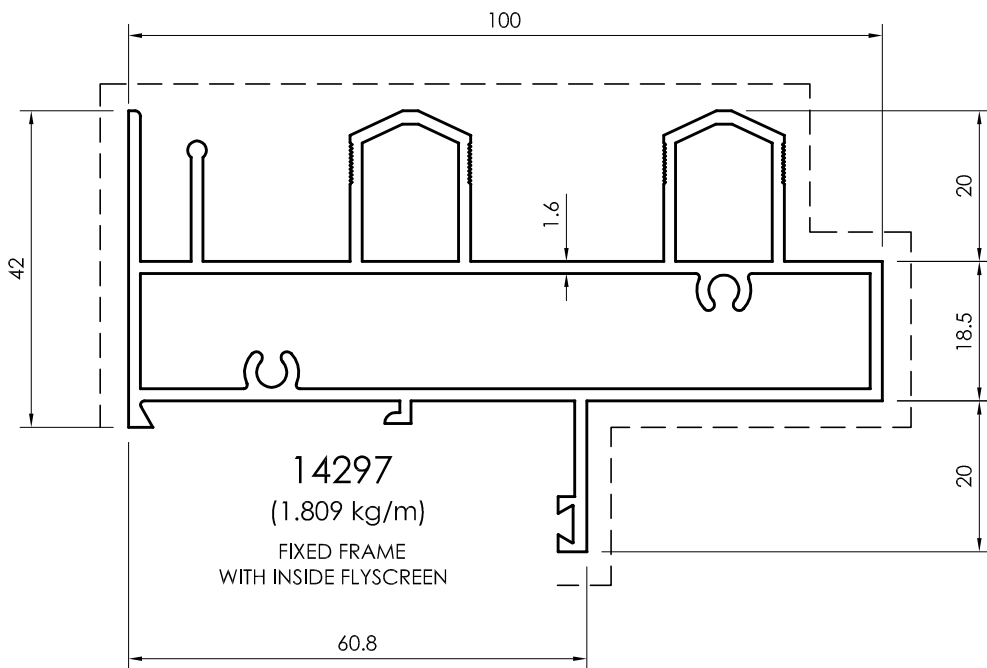
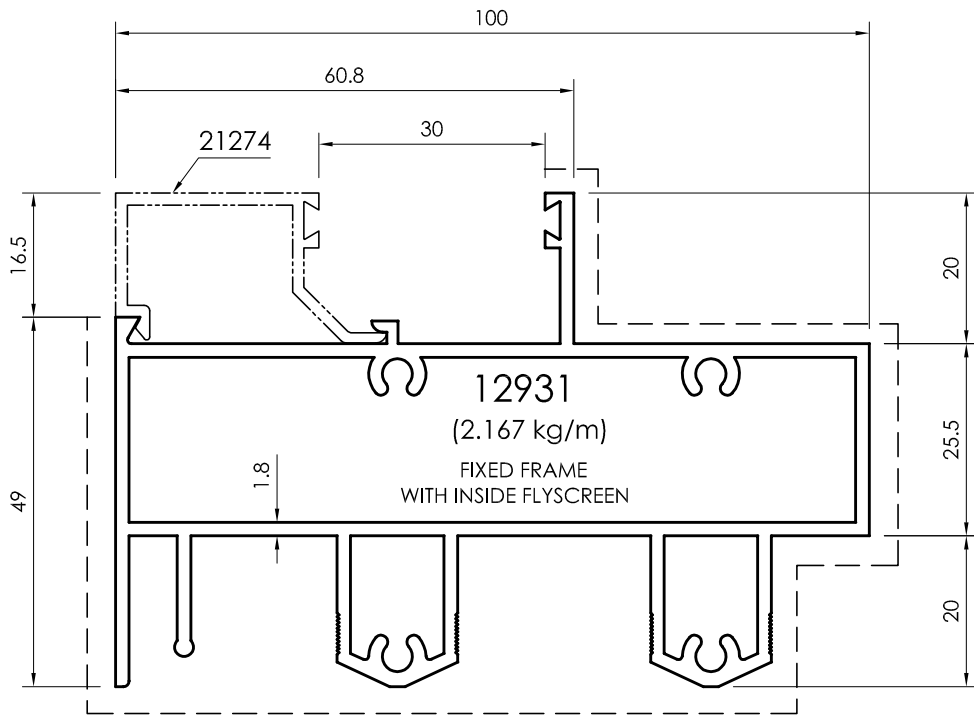
All dimensions in mm
Visible area_____

Frame Profiles



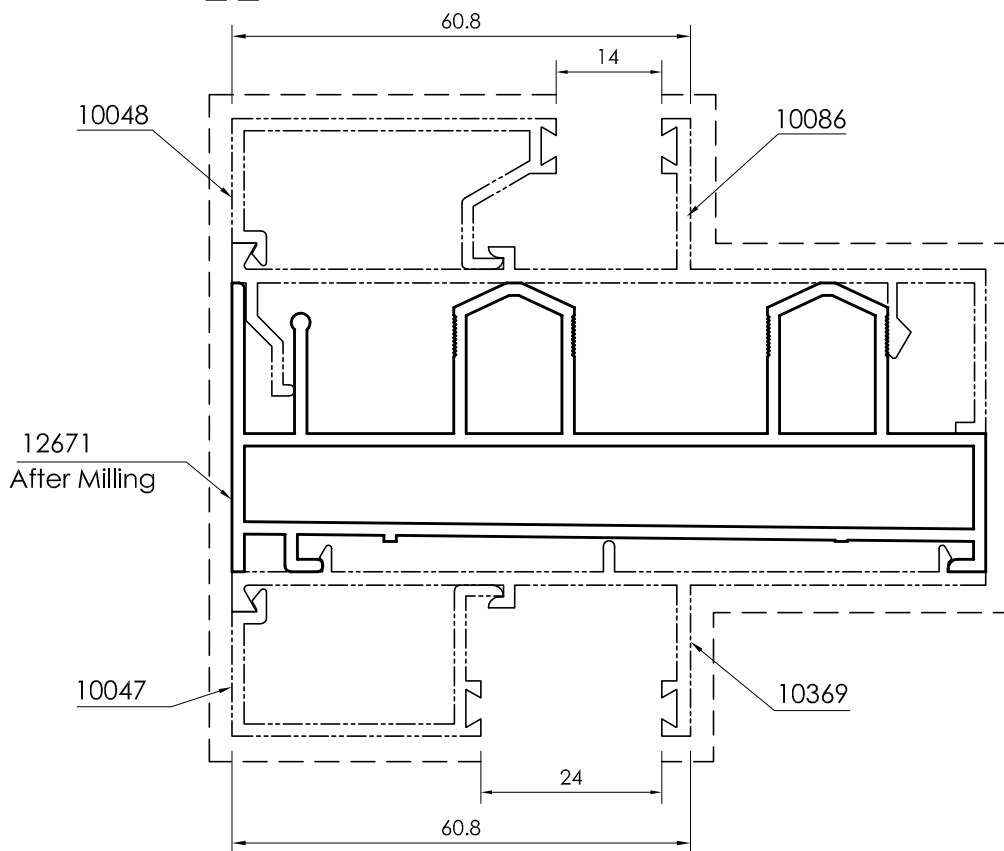
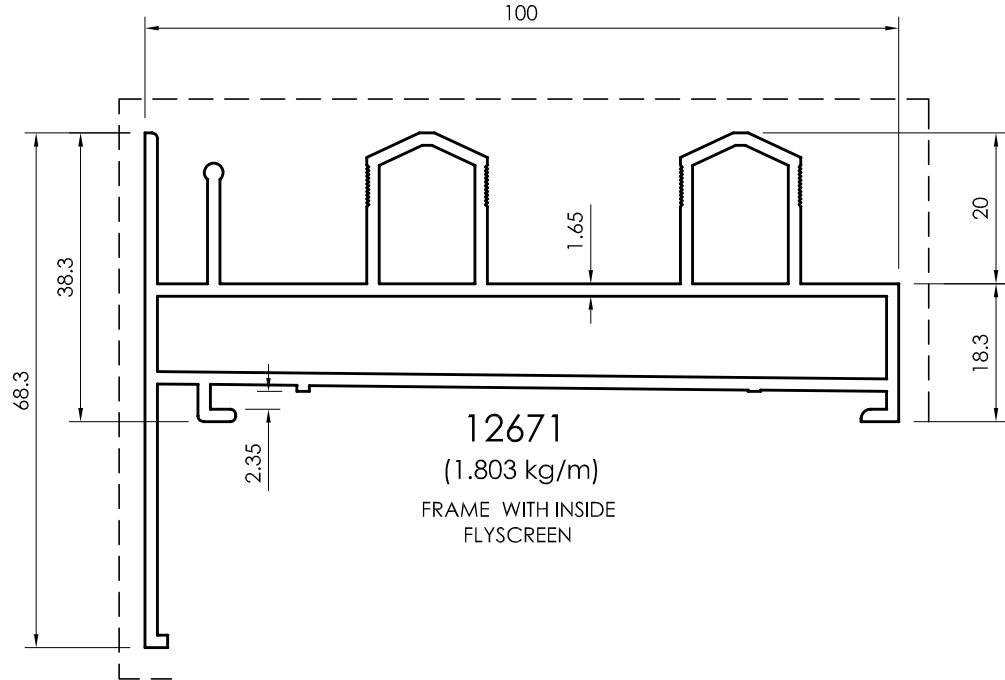
All dimensions in mm
----- Visible area

Sliding Frame with Fixed



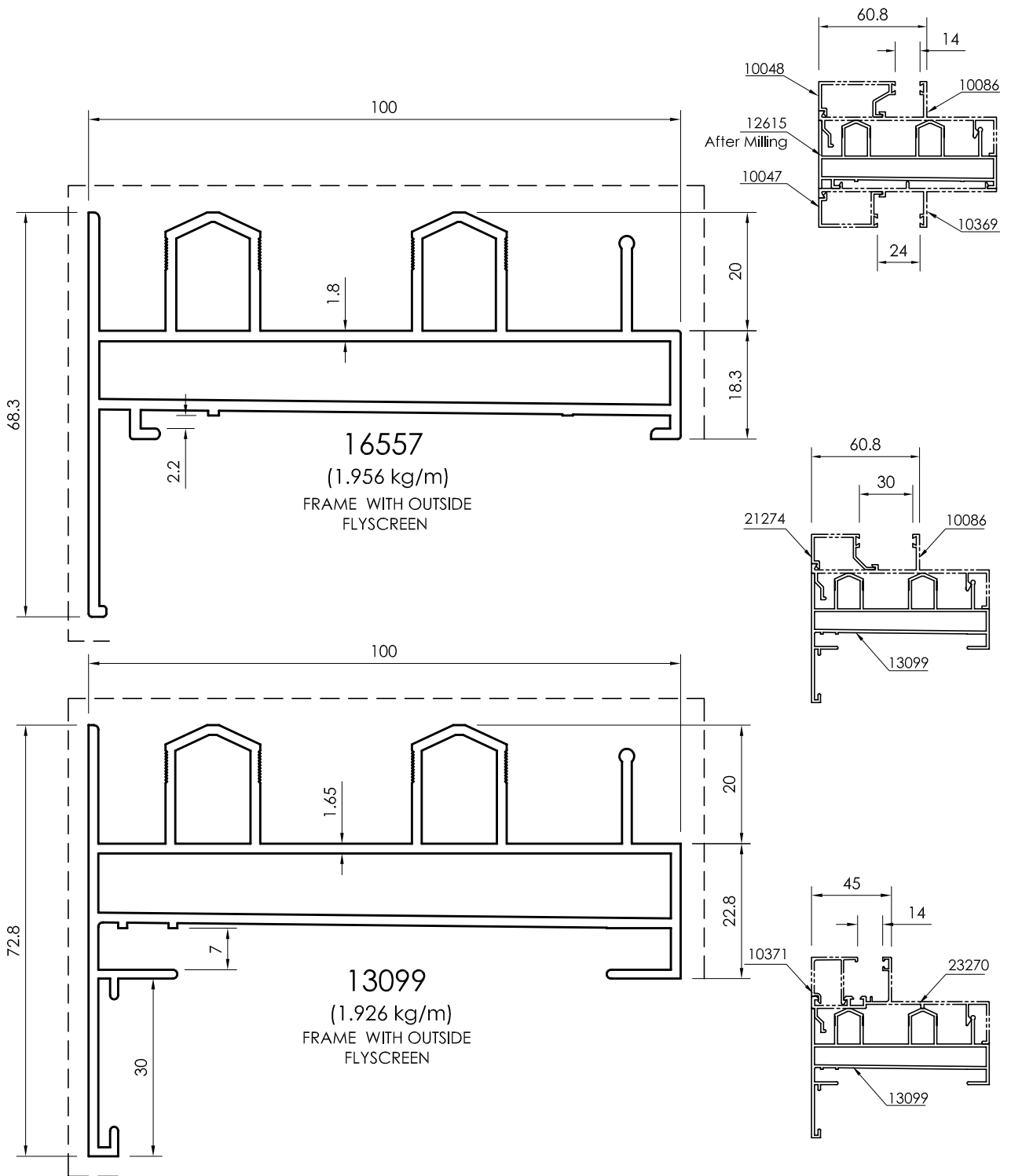
All dimensions in mm
Visible area_____

Frame Profiles



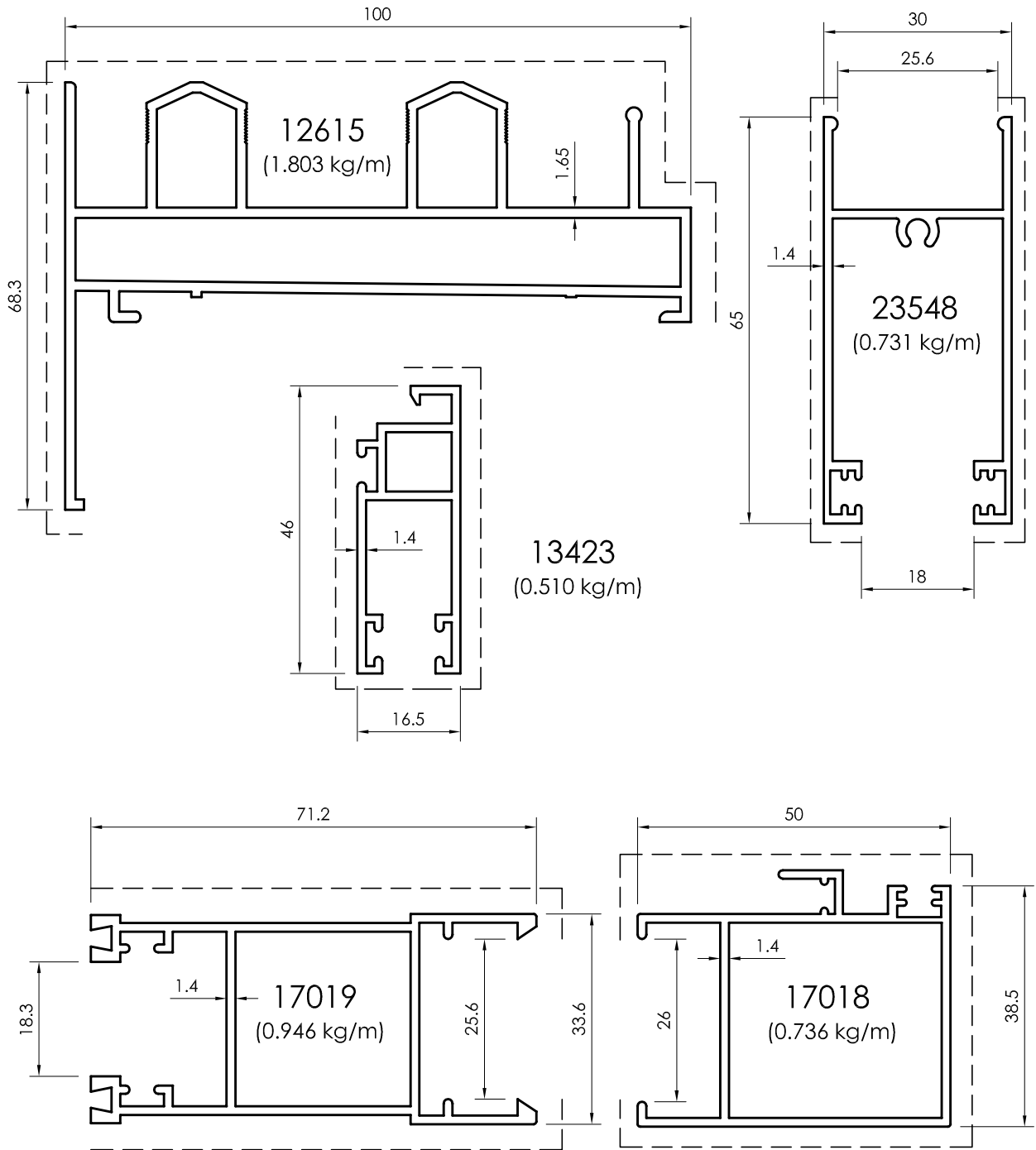
All dimensions in mm
----- Visible area

Frame Profiles



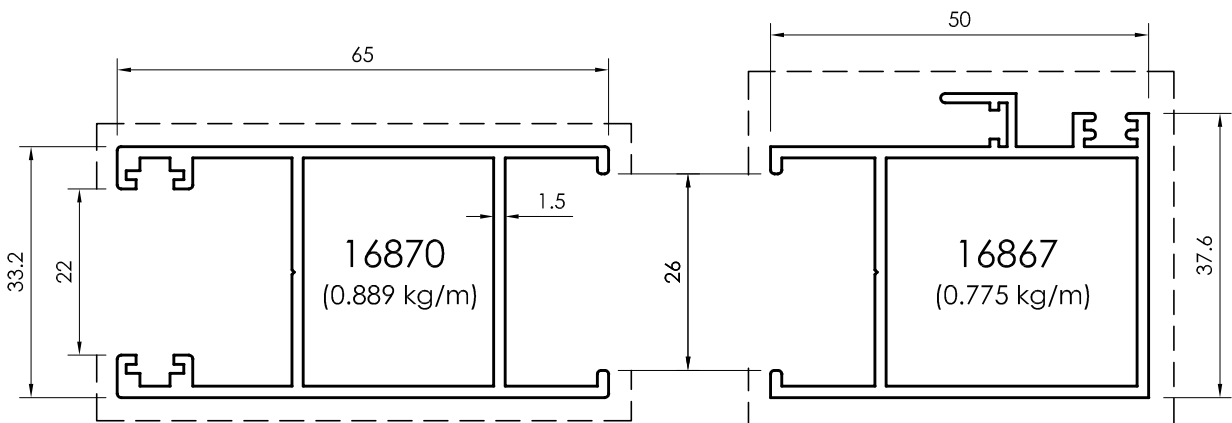
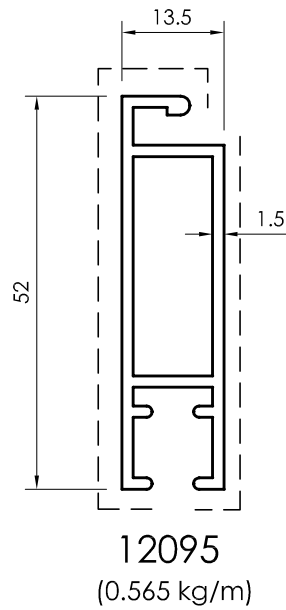
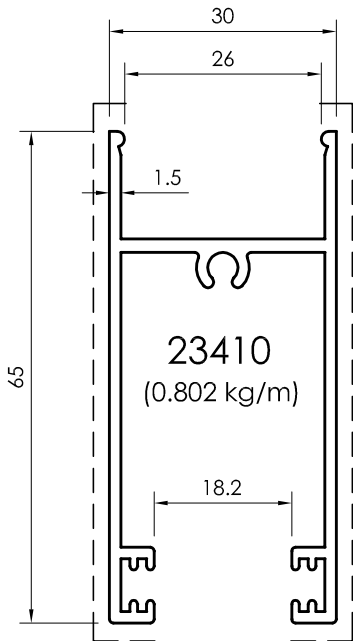
All dimensions in mm
 Visible area_____

Sliding - 100mm
Fly screen outside



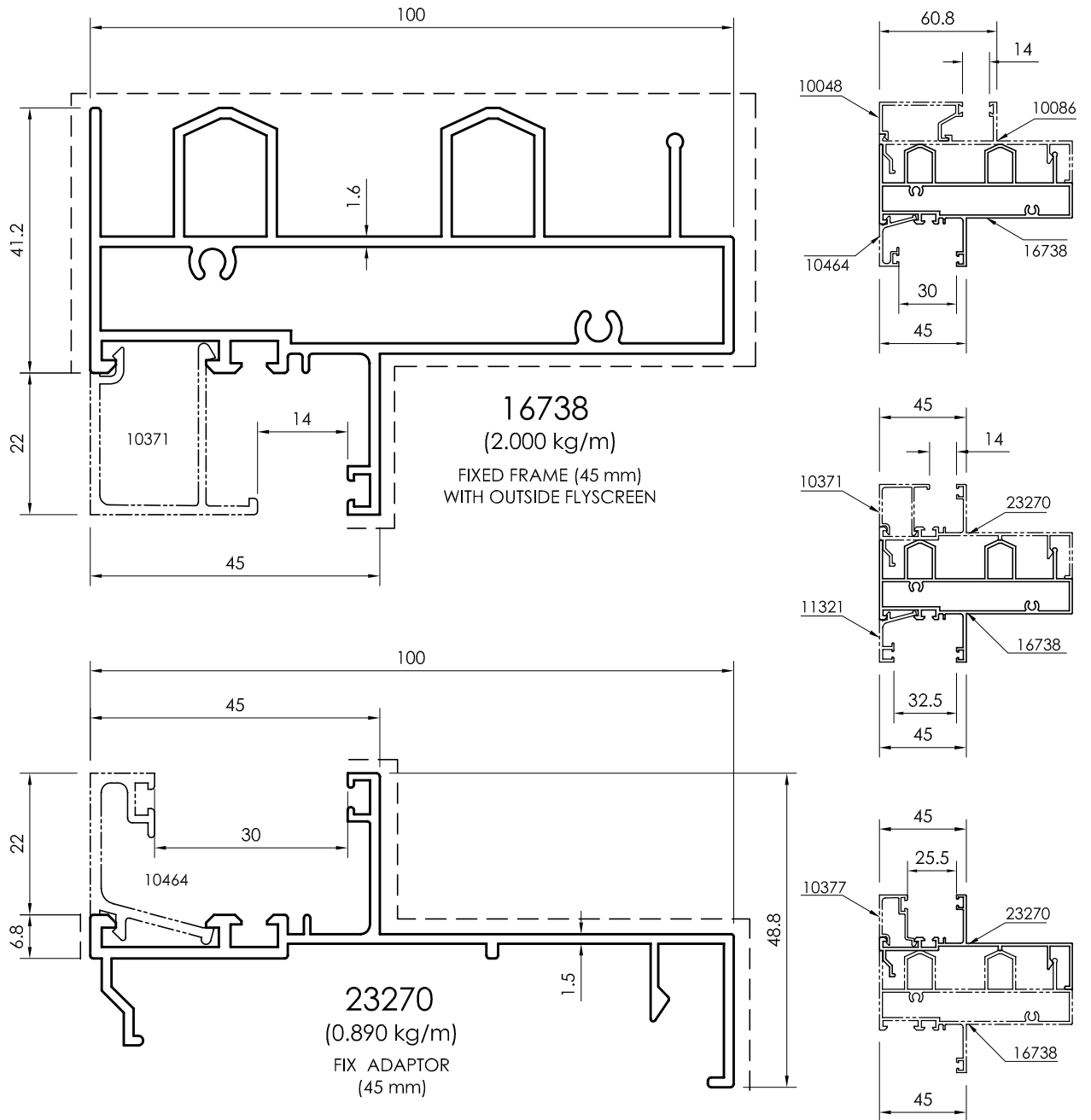
All dimensions in mm
----- Visible area

Sliding - 100mm
Fly screen outside



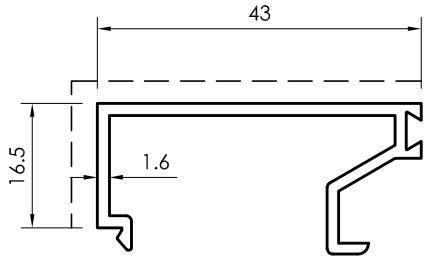
All dimensions in mm
Visible area_-----

Frame / Adaptor Profiles



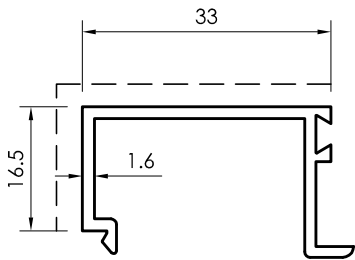
All dimensions in mm
----- Visible area

Adaptor / Glass Bead Profiles



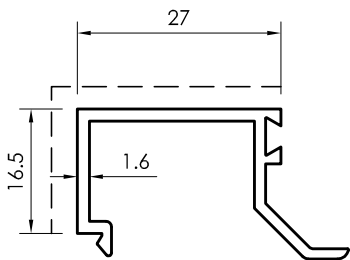
10048
(0.395 kg/m)

GLASS BEAD FOR SINGLE GLASS
(60.8 mm SERIES)



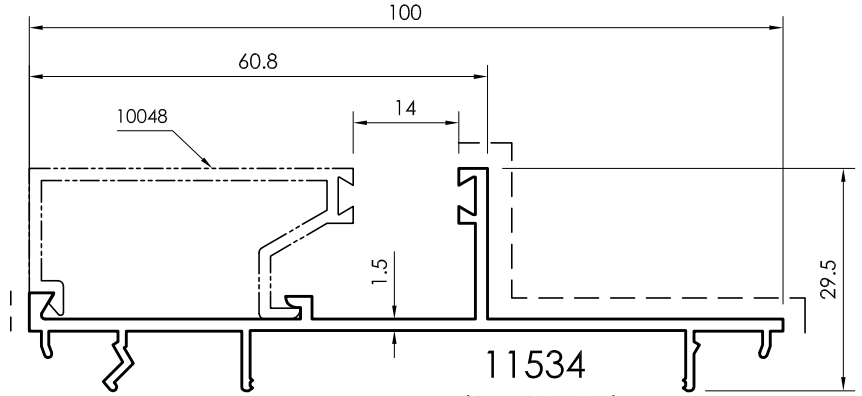
10047
(0.333 kg/m)

GLASS BEAD FOR DOUBLE GLASS
(60.8 mm SERIES)

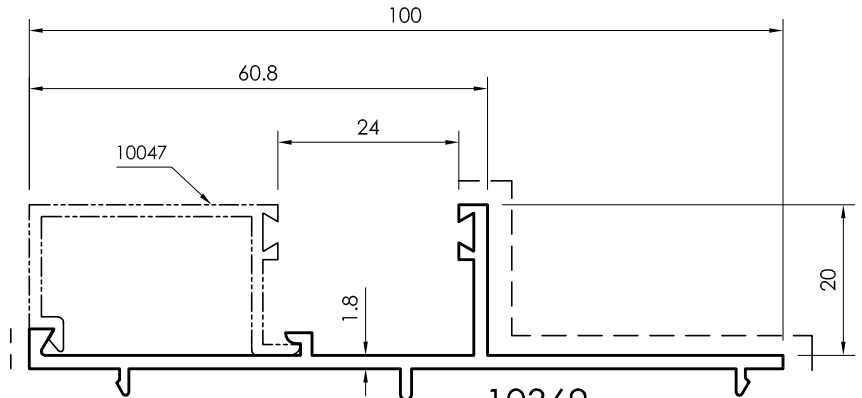


21274
(0.314 kg/m)

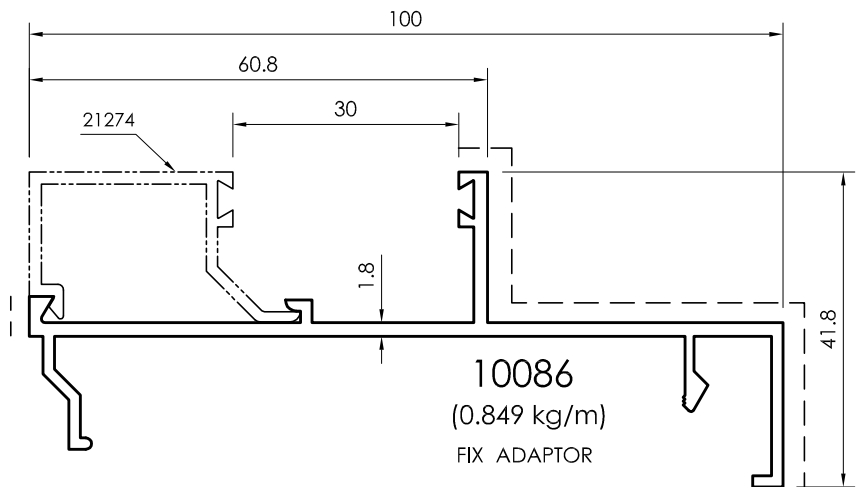
GLASS BEAD FOR DOUBLE GLASS
(60.8 mm SERIES)



11534
(0.659 kg/m)
FIX ADAPTOR



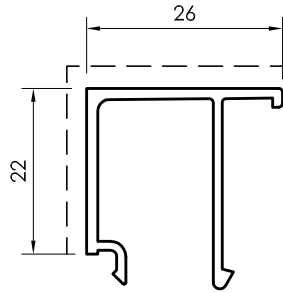
10369
(0.680 kg/m)
FIX ADAPTOR



10086
(0.849 kg/m)
FIX ADAPTOR

All dimensions in mm
Visible area_____

Glass Bead Profiles



10371

(0.298 kg/m)

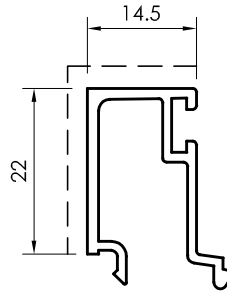
Wall thickness-1.5 mm

FOR 6-8 mm SINGLE GLASS
(45 mm SERIES)

22927

(0.269 kg/m)

Wall thickness-1.2 mm



10377

(0.282 kg/m)

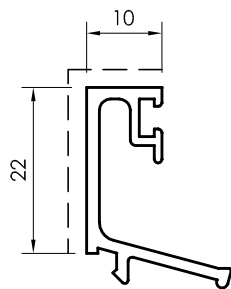
Wall thickness-1.5 mm

FOR 20 mm DOUBLE GLASS
(45 mm SERIES)

23195

(0.258 kg/m)

Wall thickness-1.2 mm



10464

(0.271 kg/m)

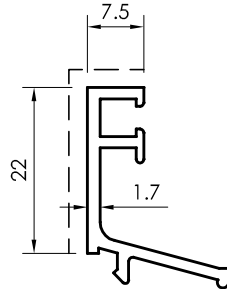
Wall thickness-1.7 mm

FOR 24mm DOUBLE GLASS
(45 mm SERIES)

22928

(0.226 kg/m)

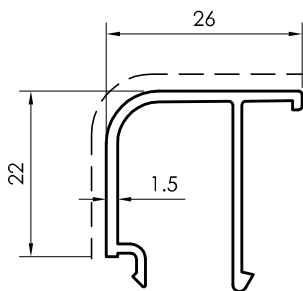
Wall thickness-1.2 mm



11321

(0.251 kg/m)

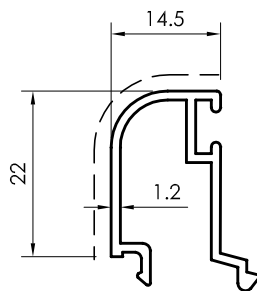
FOR 28 mm DOUBLE GLASS
(45 mm SERIES)



11730

(0.286 kg/m)

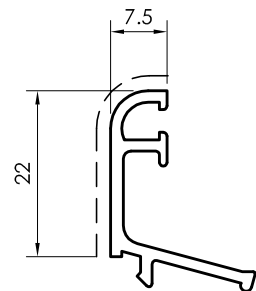
FOR 6-8 mm SINGLE GLASS
(45 mm SERIES)



23194

(0.249 kg/m)

FOR 20 mm DOUBLE GLASS
(45 mm SERIES)



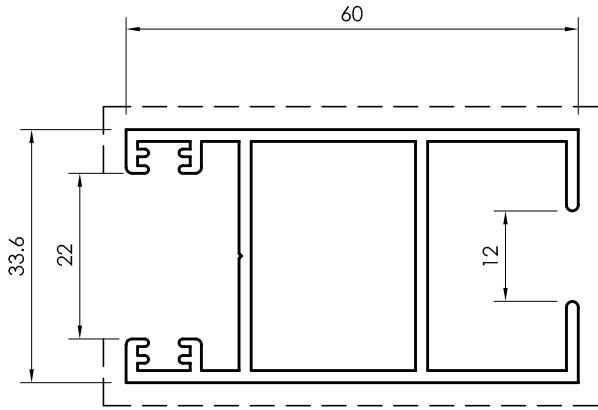
11729

(0.242 kg/m)

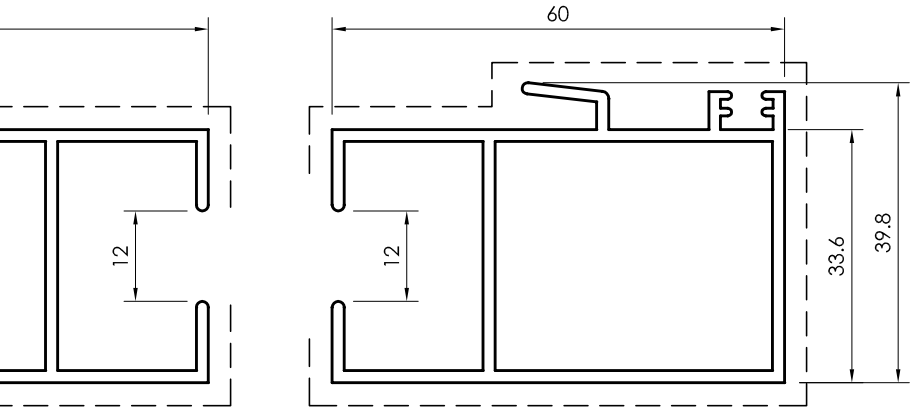
FOR 28 mm DOUBLE GLASS
(45 mm SERIES)

All dimensions in mm
----- Visible area

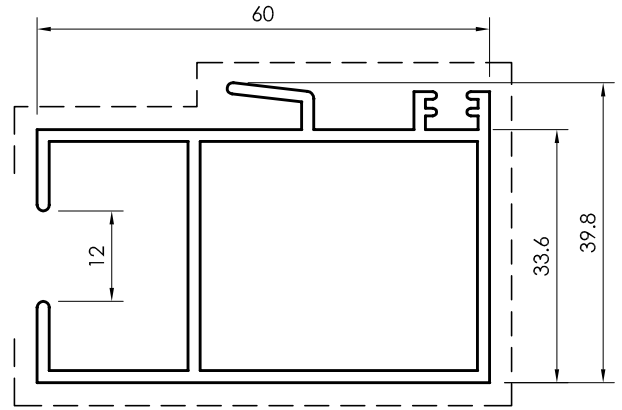
Sash Profiles
For Single Glass



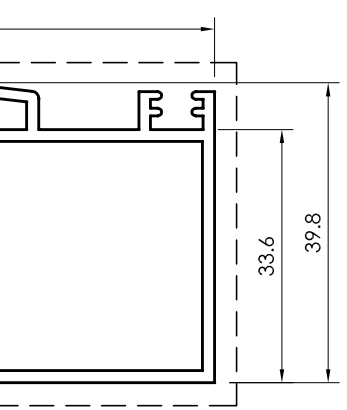
12616
(0.957 kg/m)
Wall thickness-1.6 mm



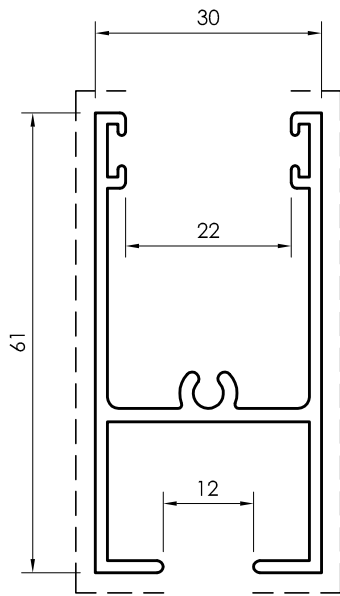
14124
(0.909 kg/m)
Wall thickness-1.5 mm



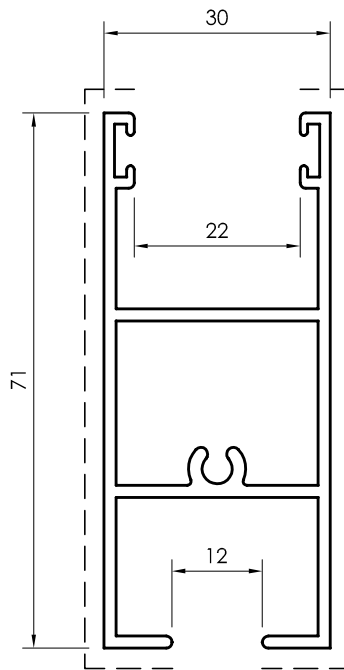
12617
(0.974 kg/m)
Wall thickness-1.6 mm



14125
(0.937 kg/m)
Wall thickness-1.5 mm



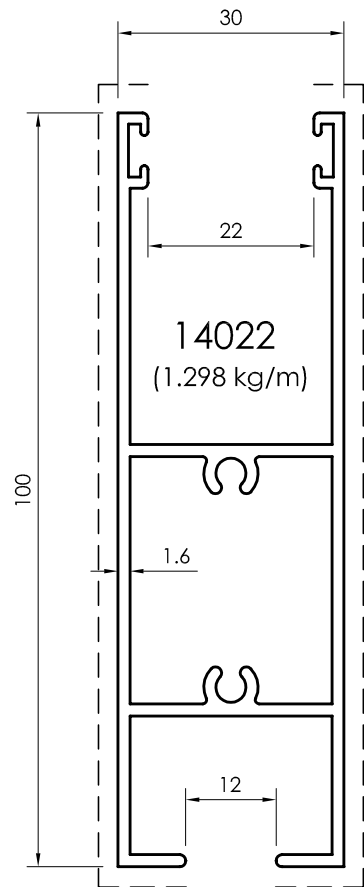
10010
(0.826 kg/m)
Wall thickness-1.6 mm



12669
(1.011 kg/m)
Wall thickness-1.6 mm

11702
(0.770 kg/m)
Wall thickness-1.5 mm

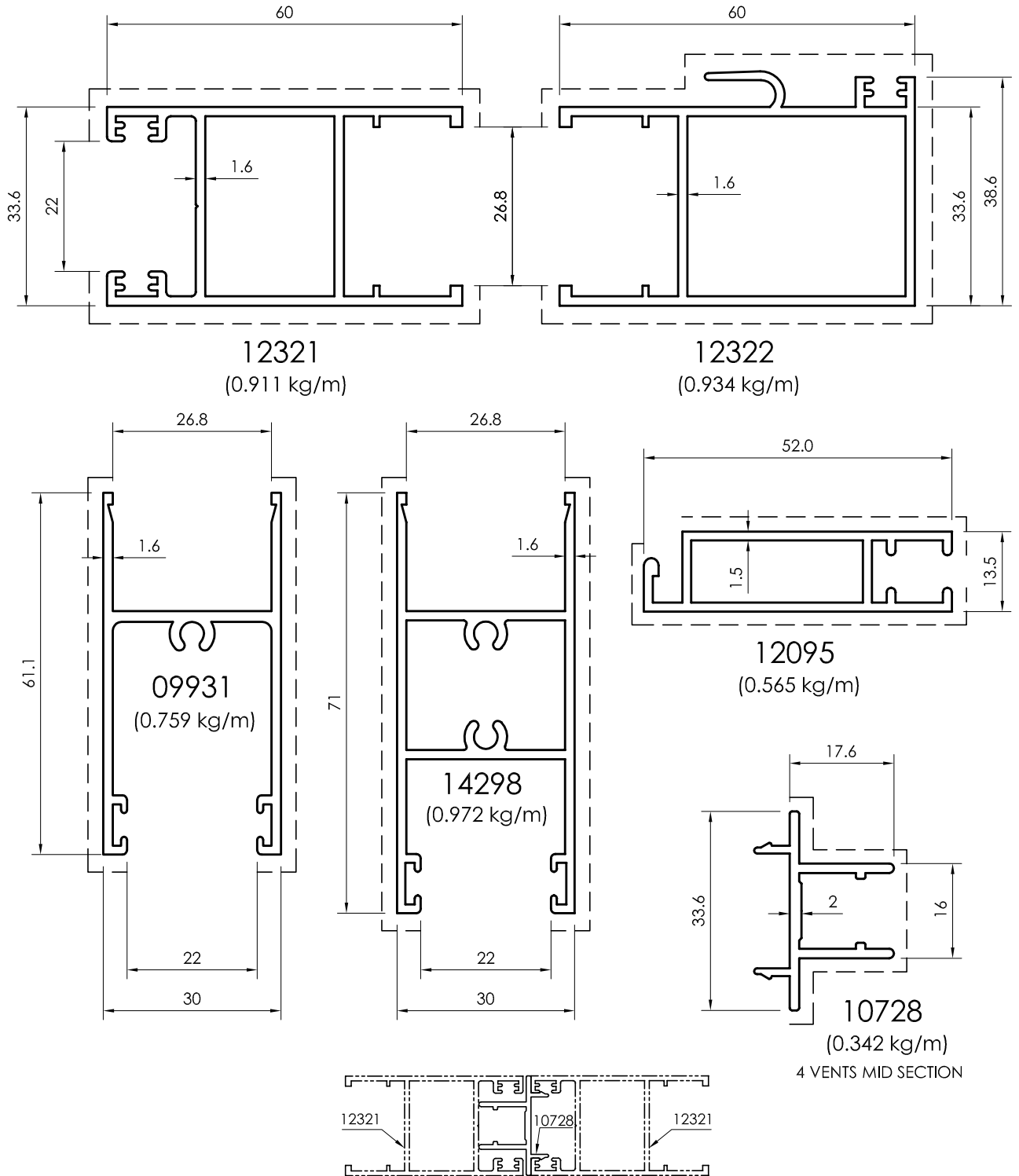
14126
(0.958 kg/m)
Wall thickness-1.5 mm



14022
(1.298 kg/m)

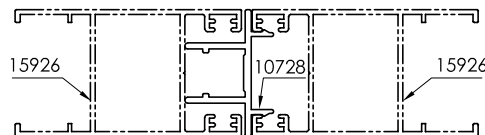
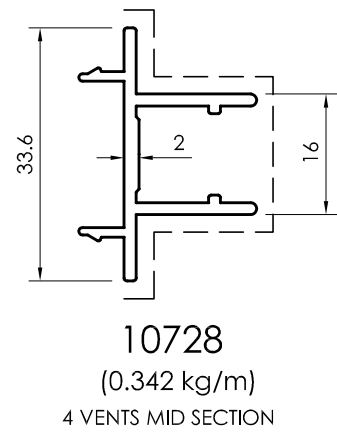
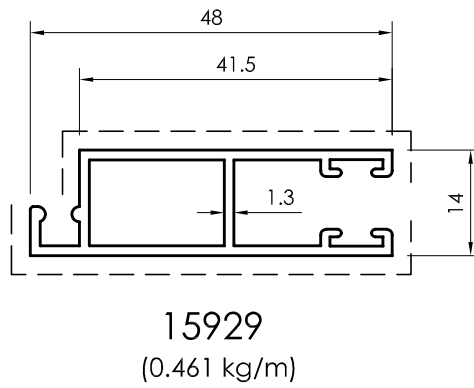
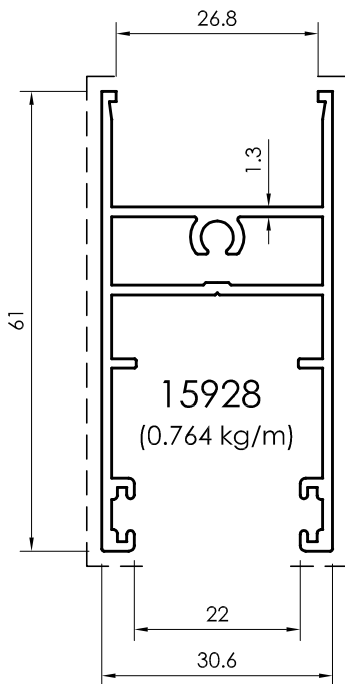
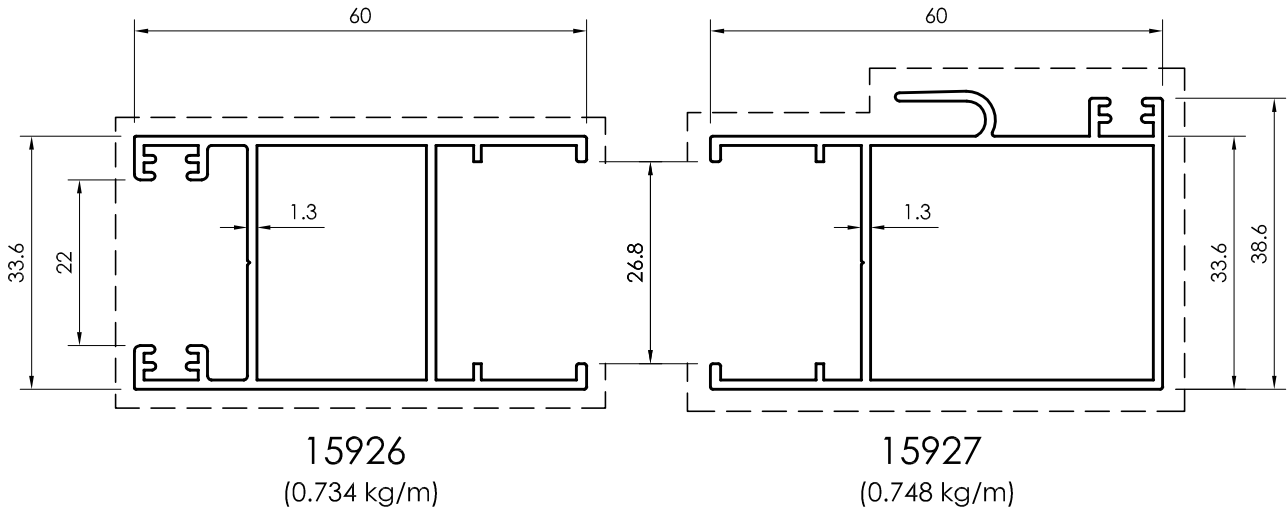
All dimensions in mm
Visible area_____

Sash Profiles
For Double Glass



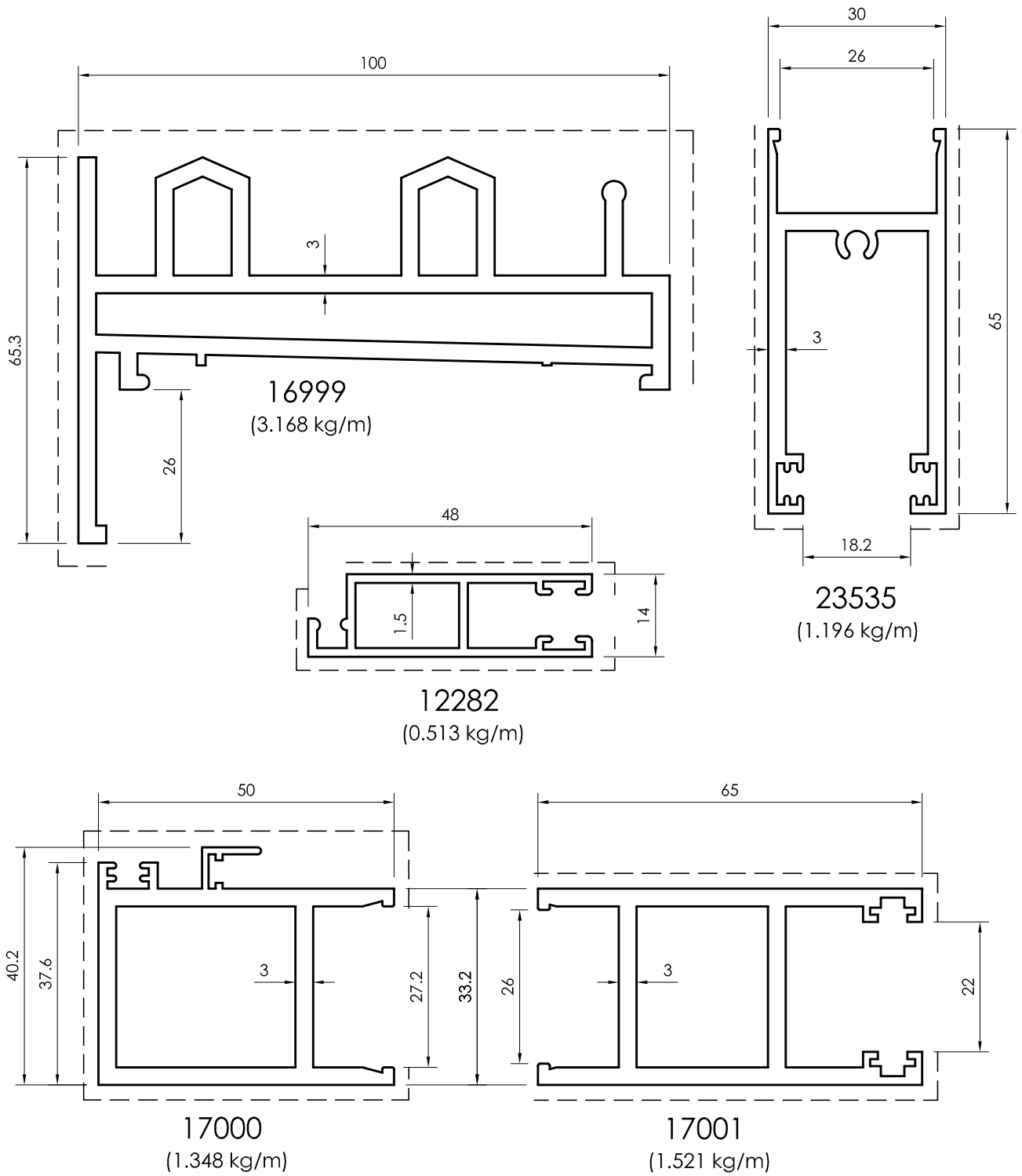
All dimensions in mm
 - - - - - Visible area

Sash Profiles
For Double Glass



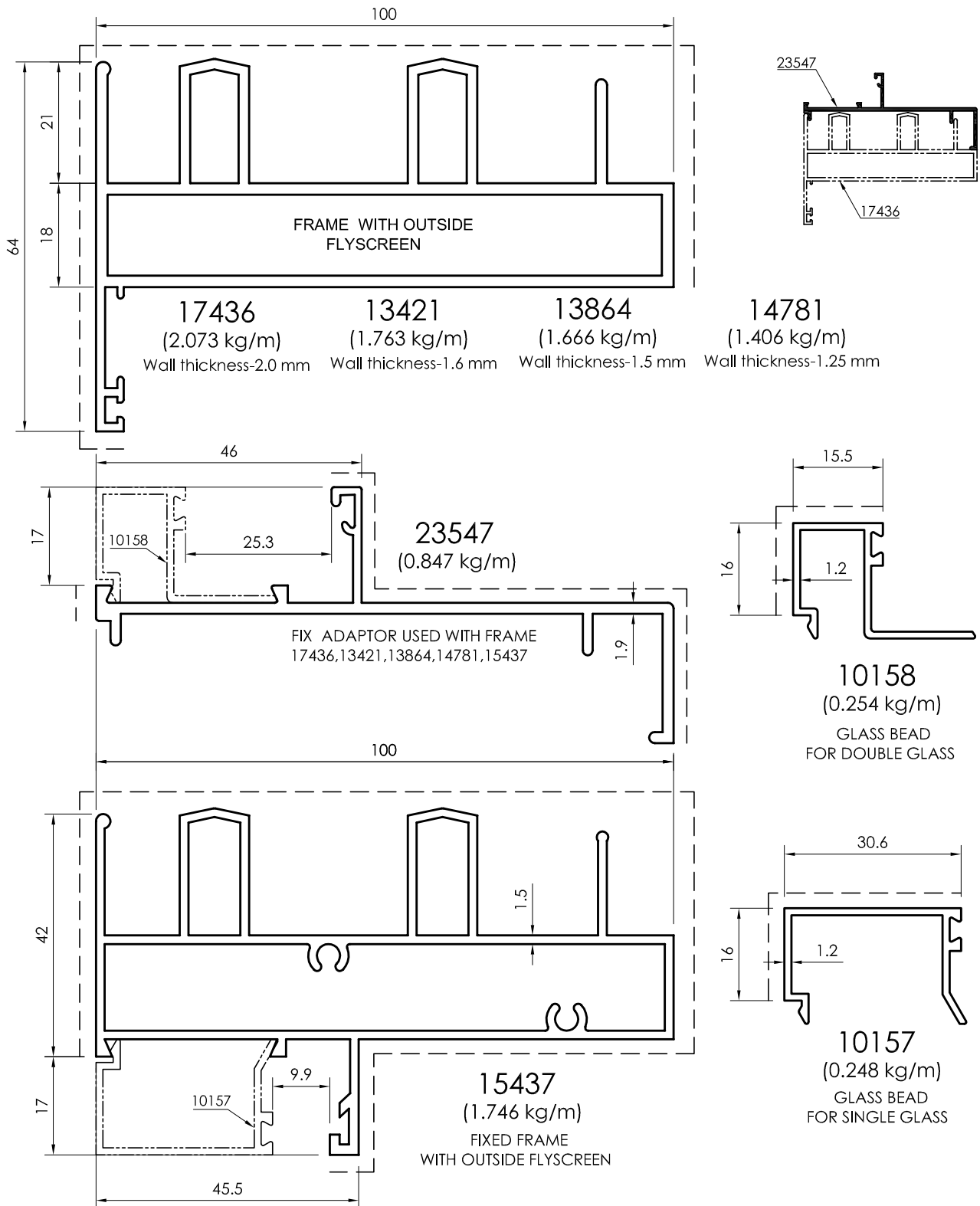
All dimensions in mm
Visible area_____

Frame With Outside Flyscreen & Sash Profiles - 3mm



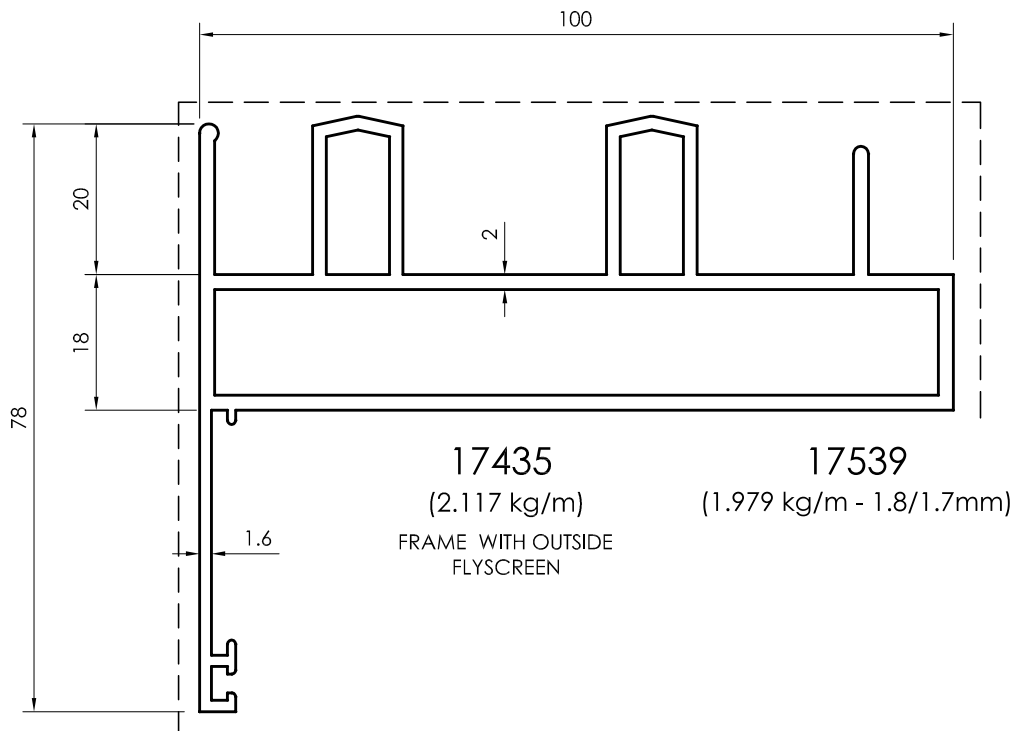
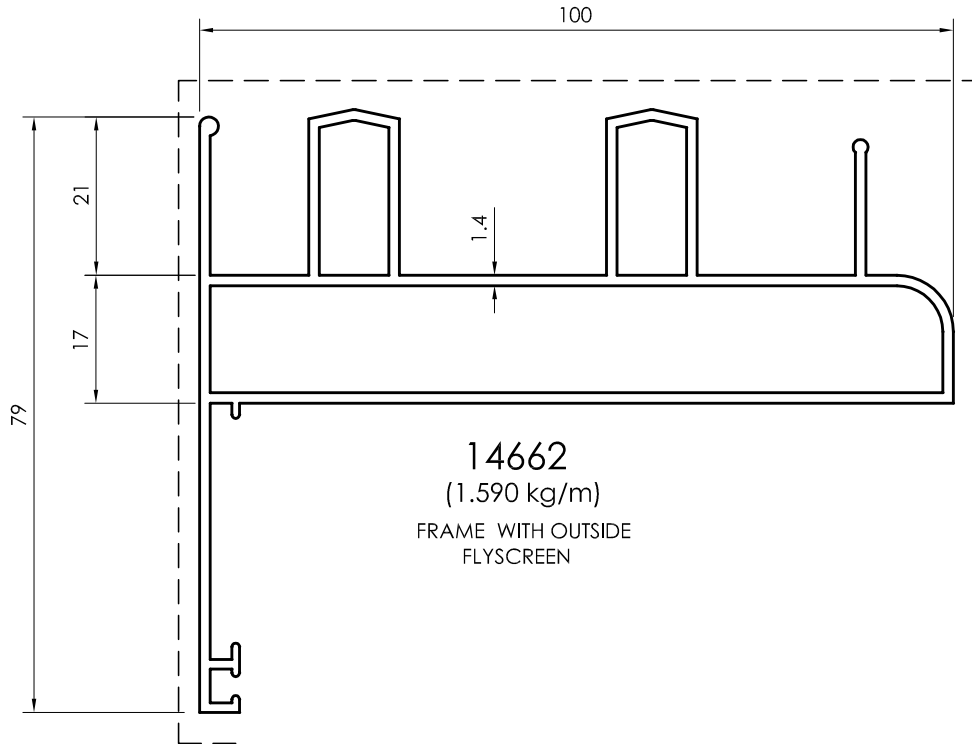
All dimensions in mm
 ----- Visible area

Frame / Adaptor Profiles



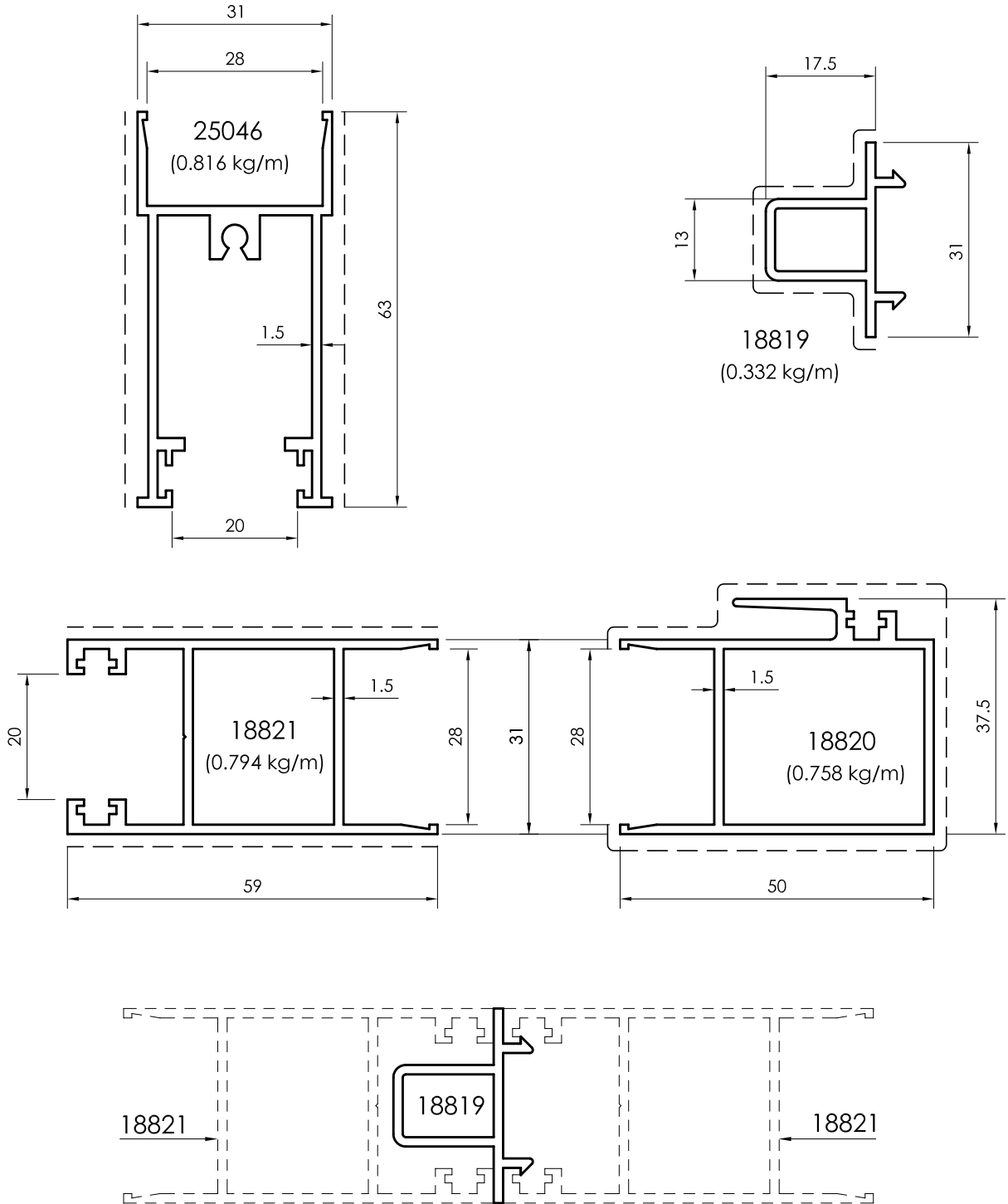
All dimensions in mm
Visible area_____

Frame Profiles



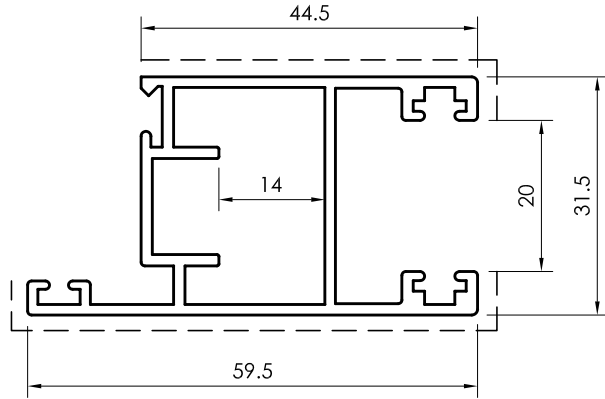
All dimensions in mm
----- Visible area

Frame Profiles



All dimensions in mm
Visible area_-----

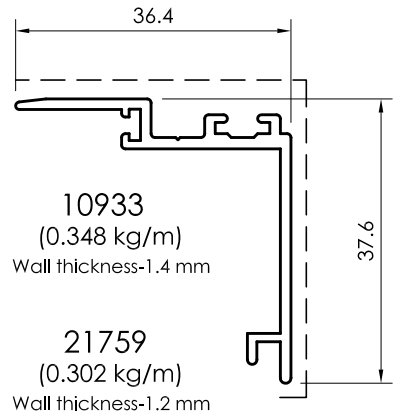
Sash Profiles



13422
(0.850 kg/m)
Wall thickness-1.4 mm

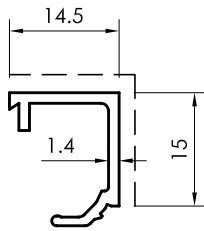
13865
(0.796 kg/m)
Wall thickness-1.3 mm

15230
(0.728 kg/m)
Wall thickness-1.2 mm

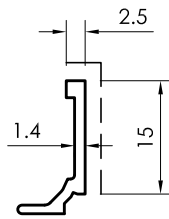


10933
(0.348 kg/m)
Wall thickness-1.4 mm

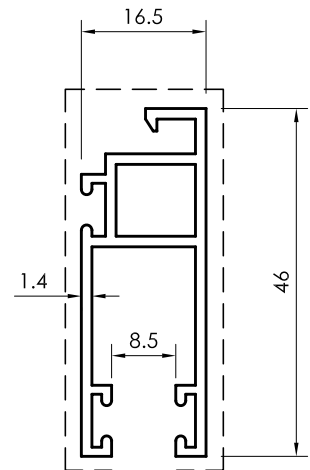
21759
(0.302 kg/m)
Wall thickness-1.2 mm



10934
(0.154 kg/m)
Glass bead for Single Glass

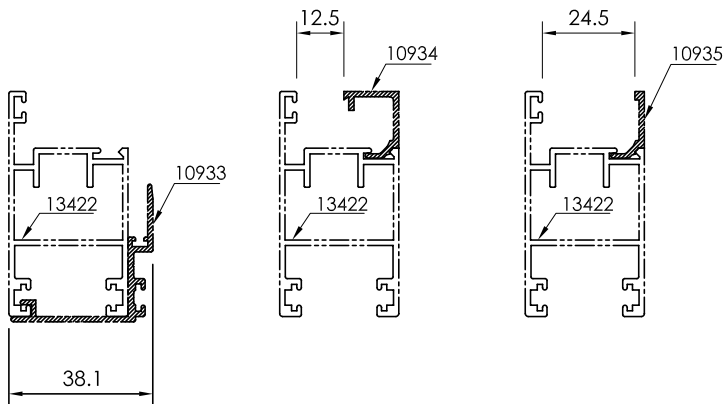


25410
(0.098 kg/m)
Glass bead for Double Glass



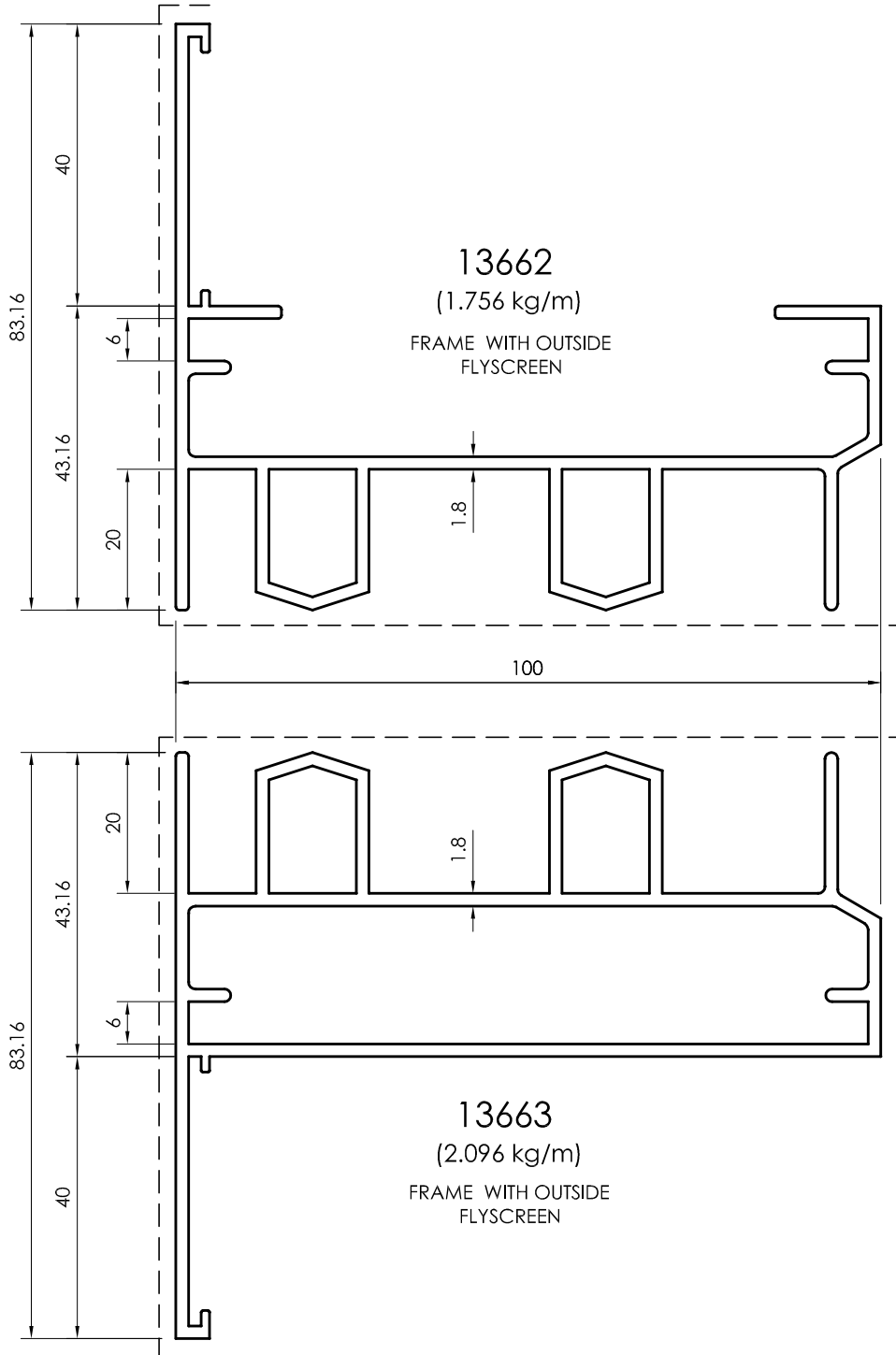
13423
(0.510 kg/m)
Wall thickness-1.4 mm

13810
(0.478 kg/m)
Wall thickness-1.35 mm



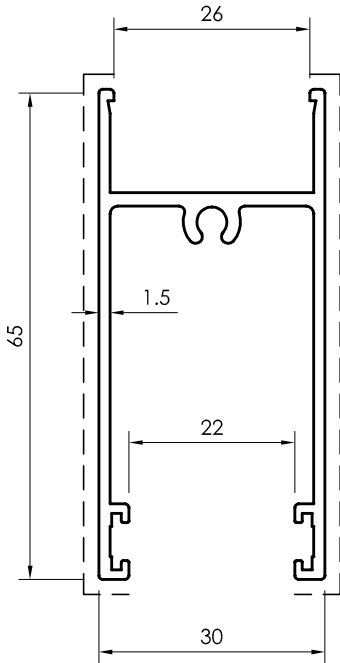
All dimensions in mm
----- Visible area

Frame Profiles

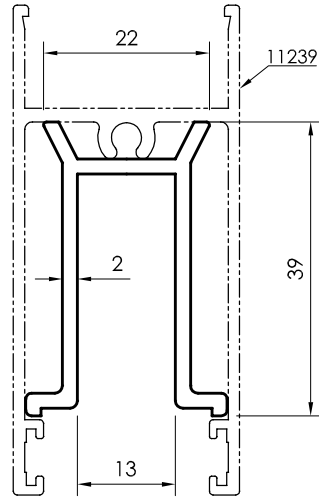


All dimensions in mm
 Visible area_-----

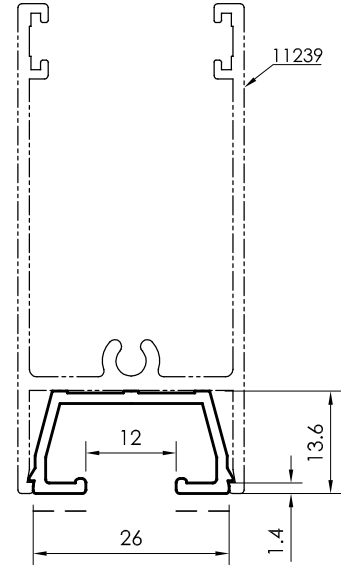
Sash Profiles



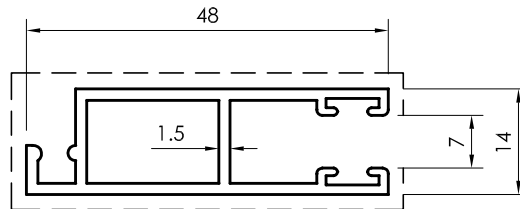
11239
(0.764 kg/m)



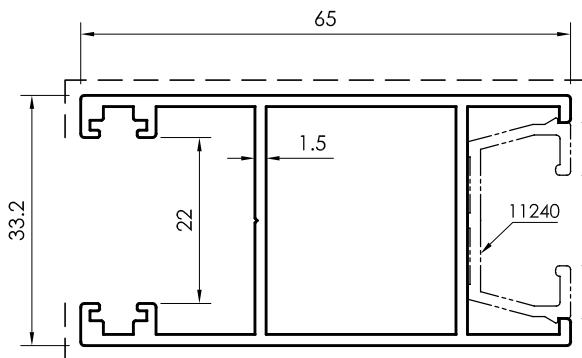
11254
(0.549 kg/m)
REINFORCEMENT
PROFILE



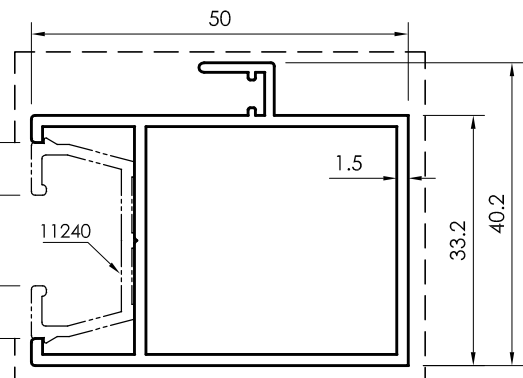
11240
(0.228 kg/m)
SINGLE GLASS
ADAPTOR



12282
(0.513 kg/m)



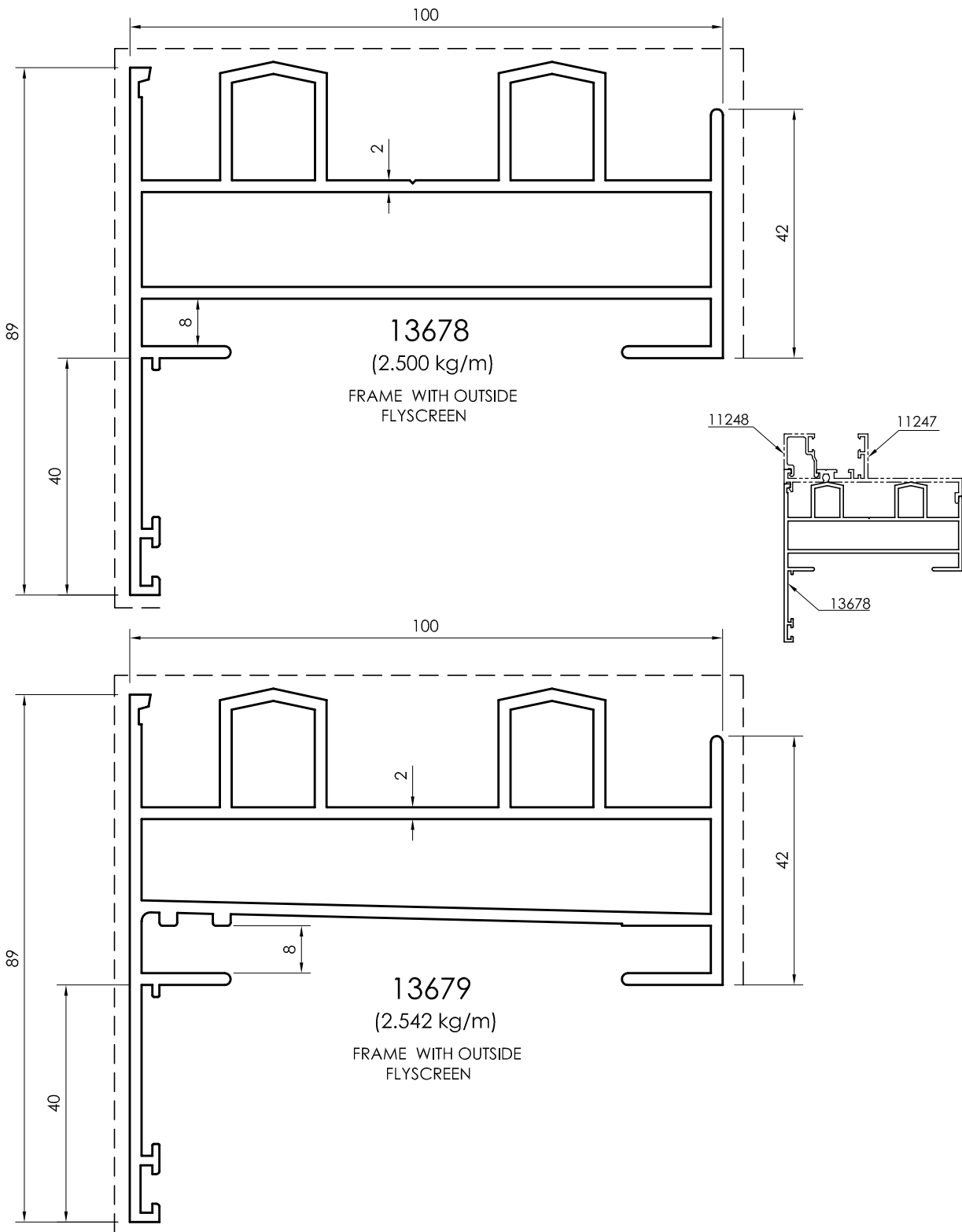
13664
(0.889 kg/m)



13665
(0.726 kg/m)

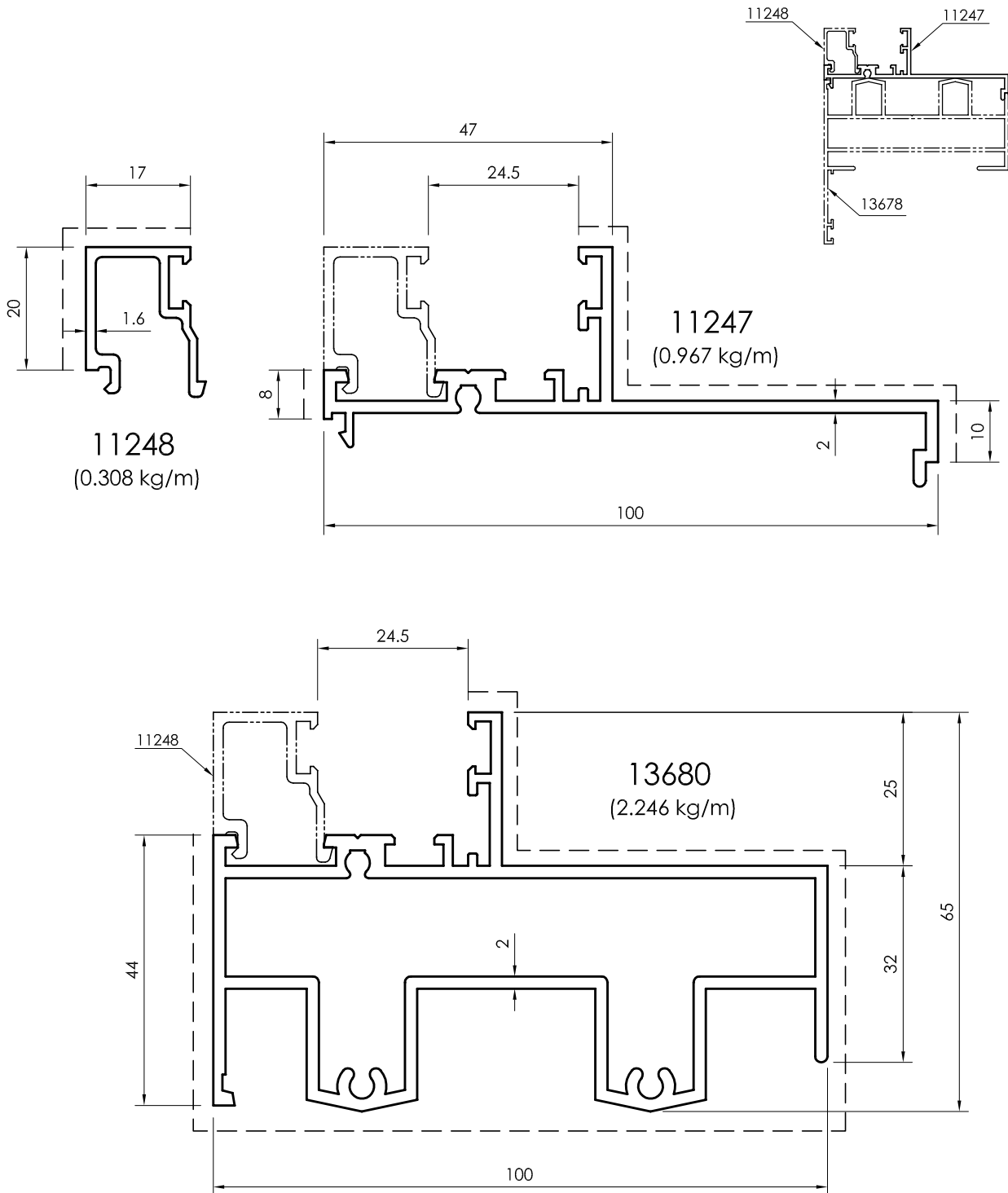
All dimensions in mm
----- Visible area

Frame Profiles



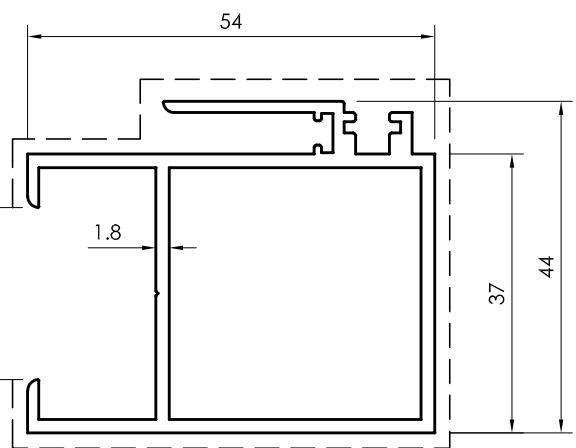
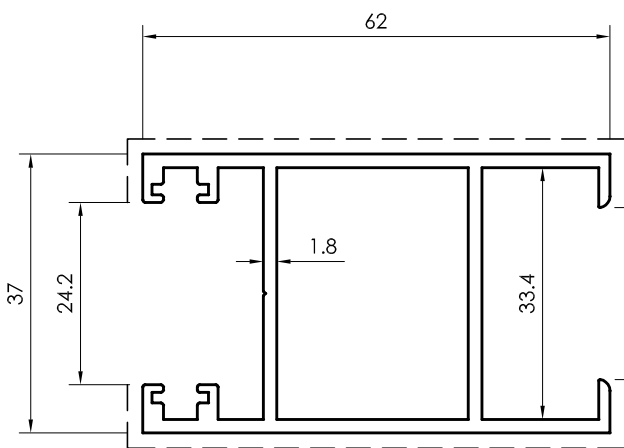
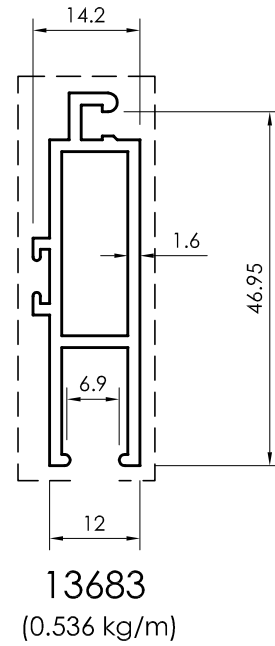
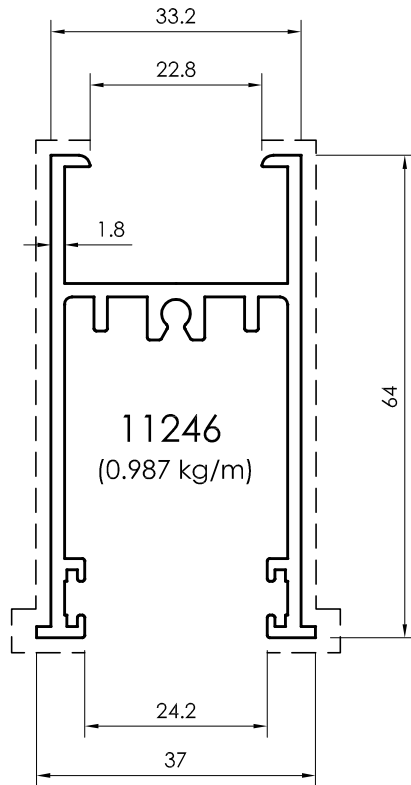
All dimensions in mm
Visible area_-----

Frame / Adaptor Profiles



All dimensions in mm
 - - - - - Visible area

Sash Profiles

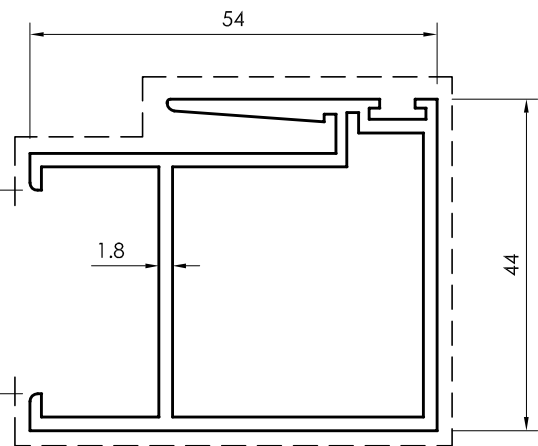
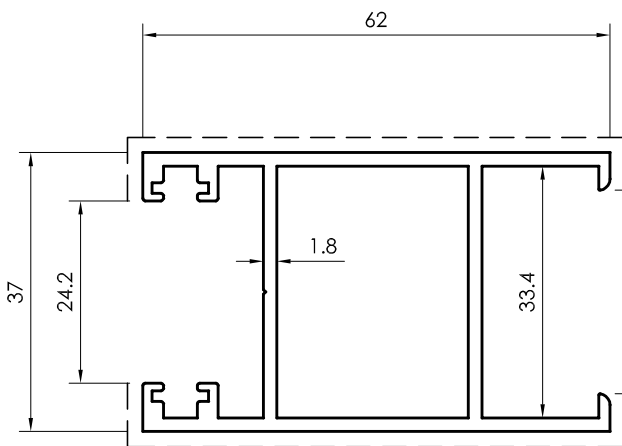
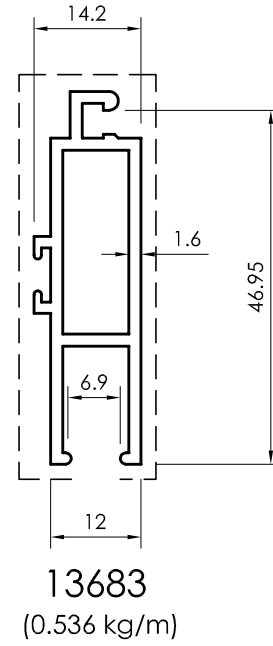
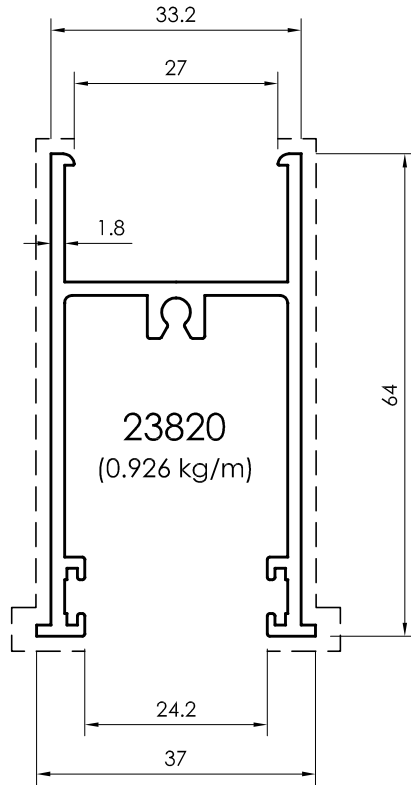


13681
(1.081 kg/m)

13682
(1.069 kg/m)

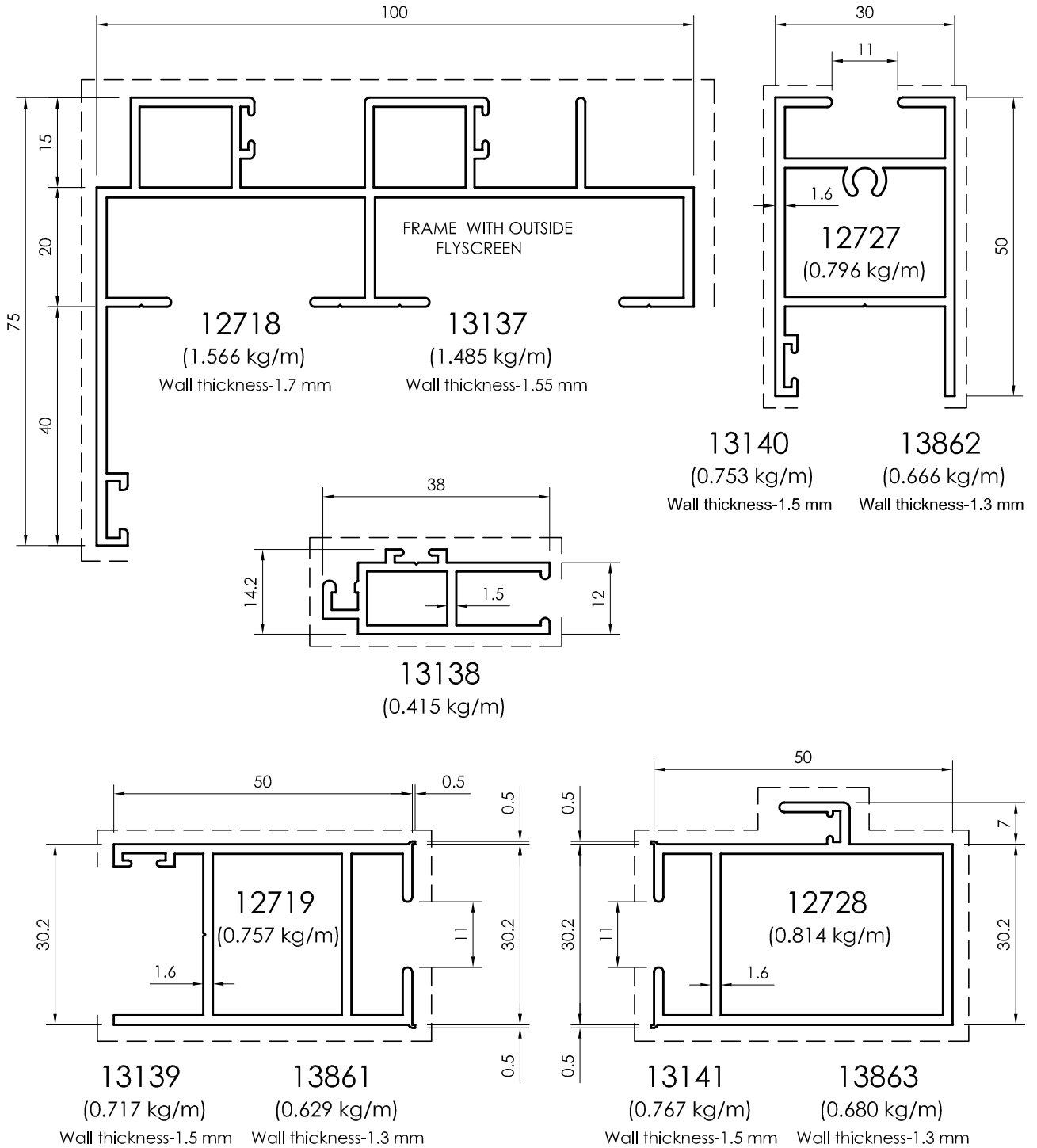
All dimensions in mm
Visible area_-----

Sash Profiles



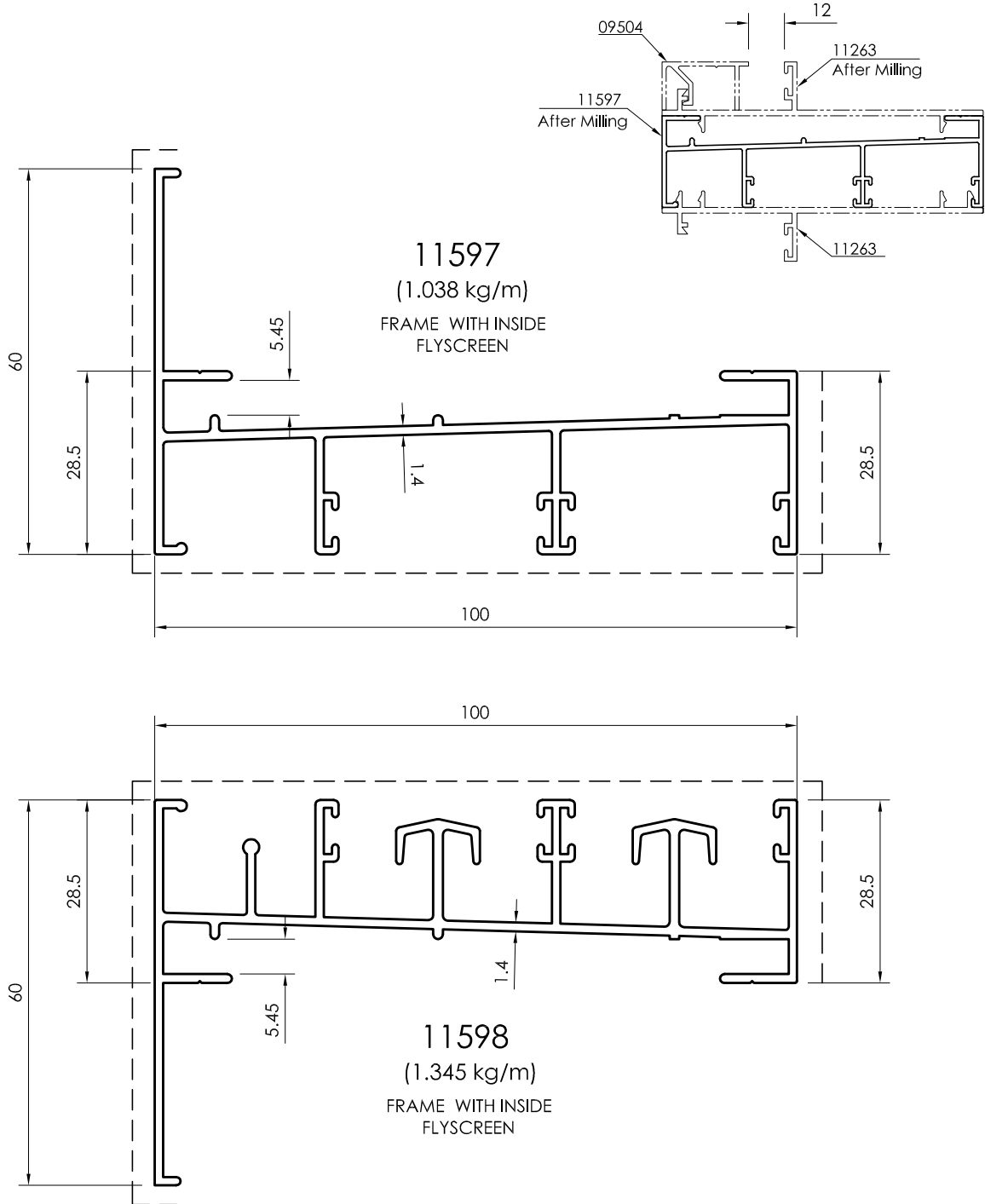
All dimensions in mm
 ----- Visible area

Frame / Sash Profiles



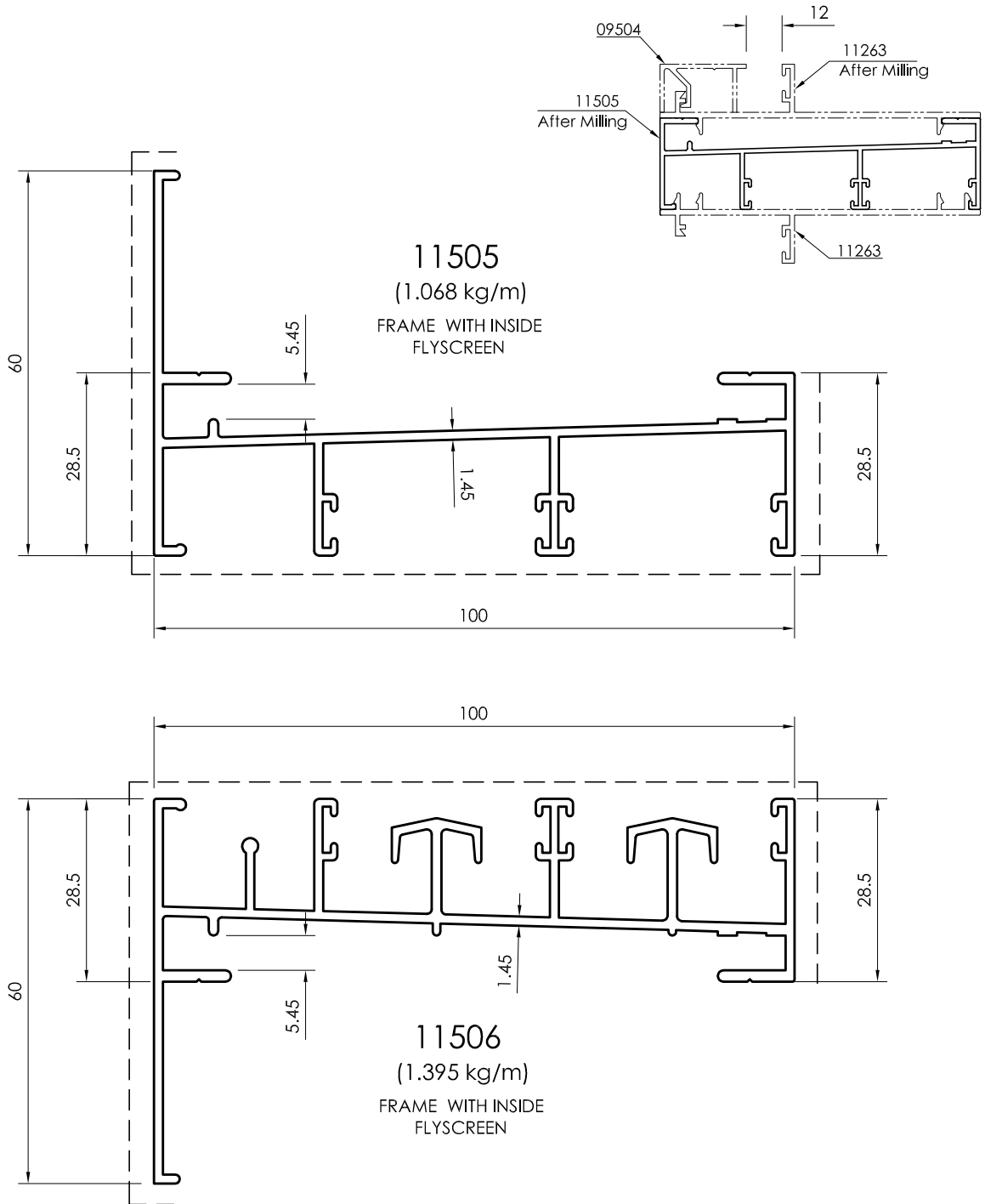
All dimensions in mm
Visible area_-----

Frame Profiles



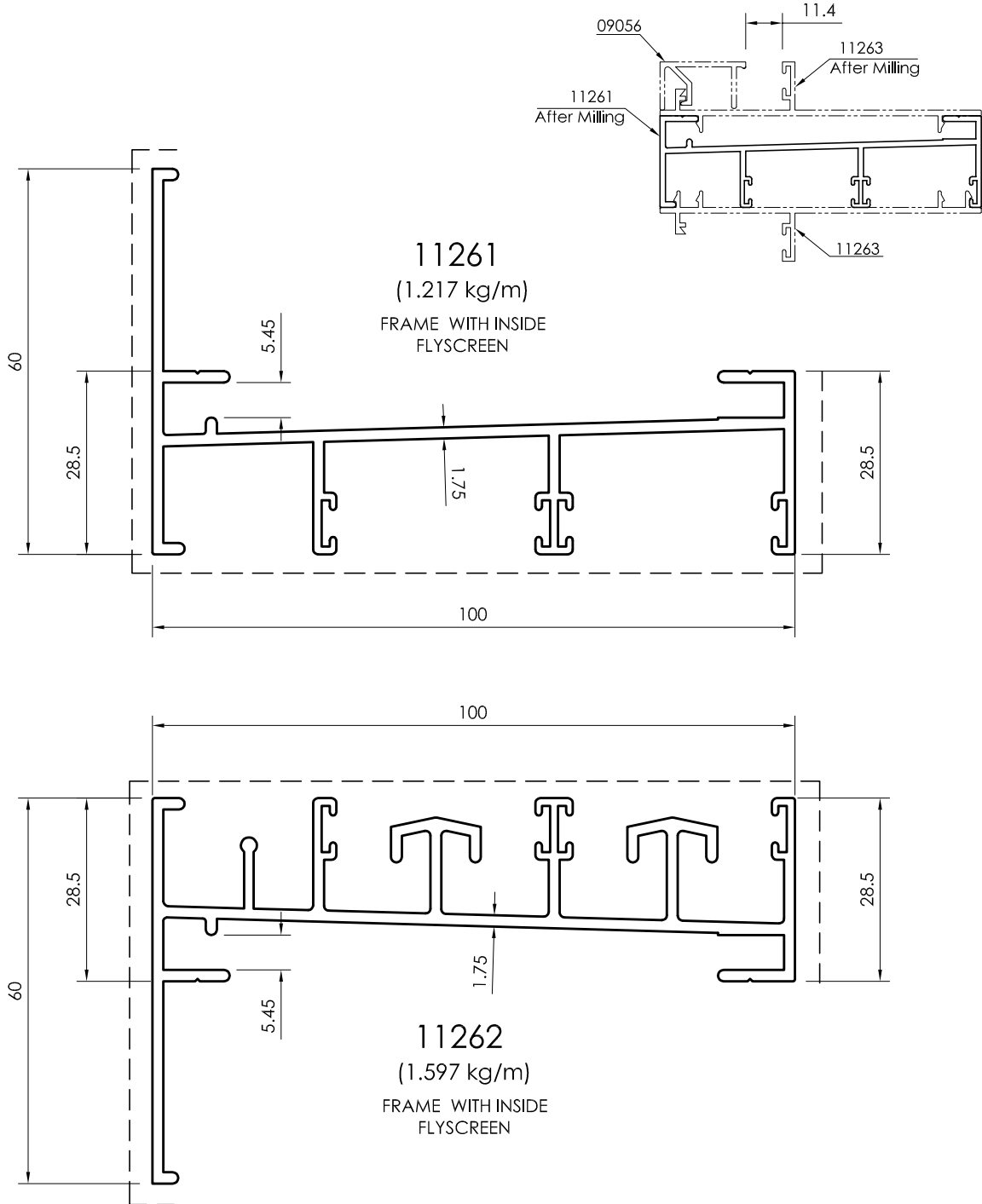
All dimensions in mm
----- Visible area

Frame Profiles



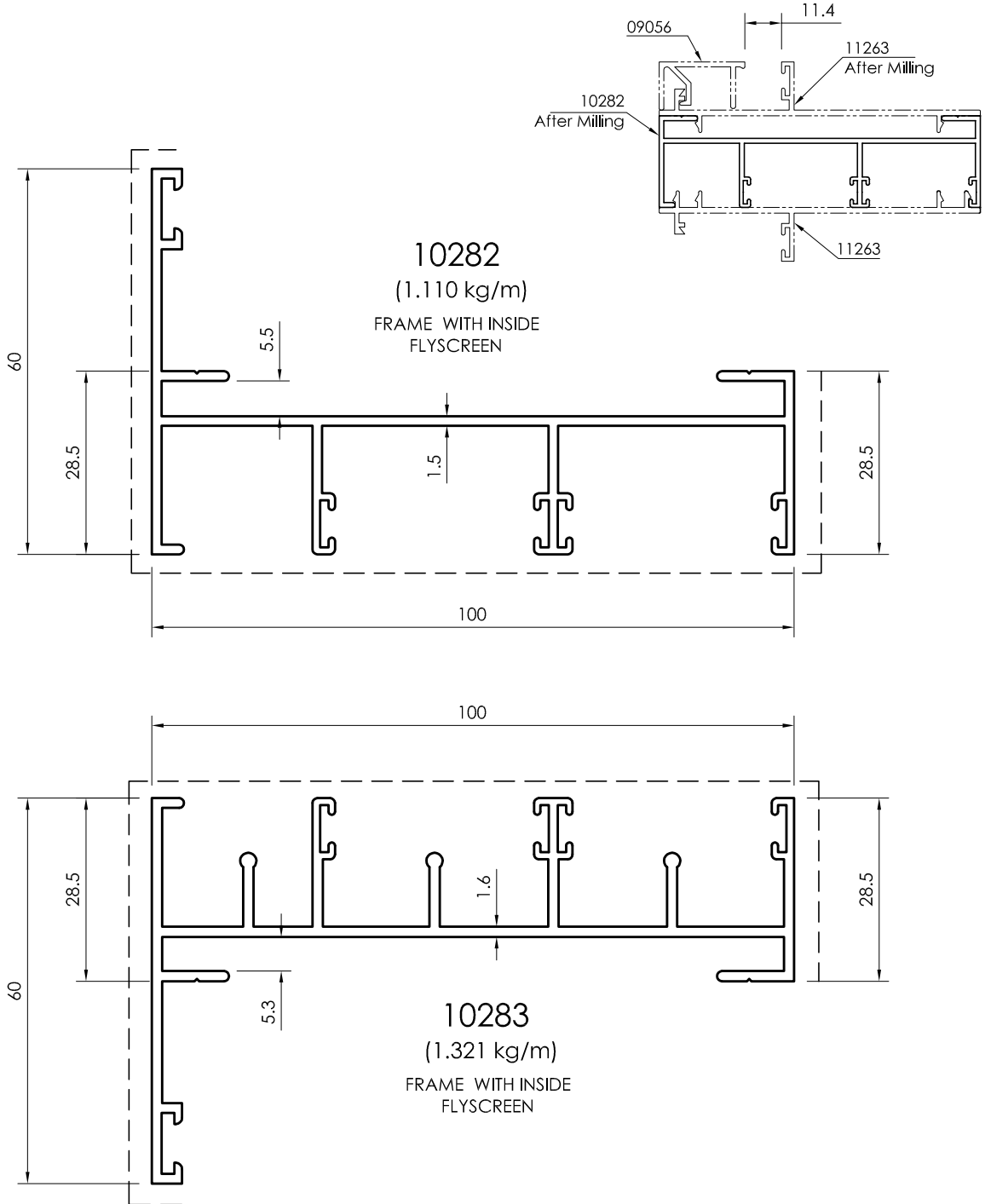
All dimensions in mm
Visible area_____

Frame Profiles



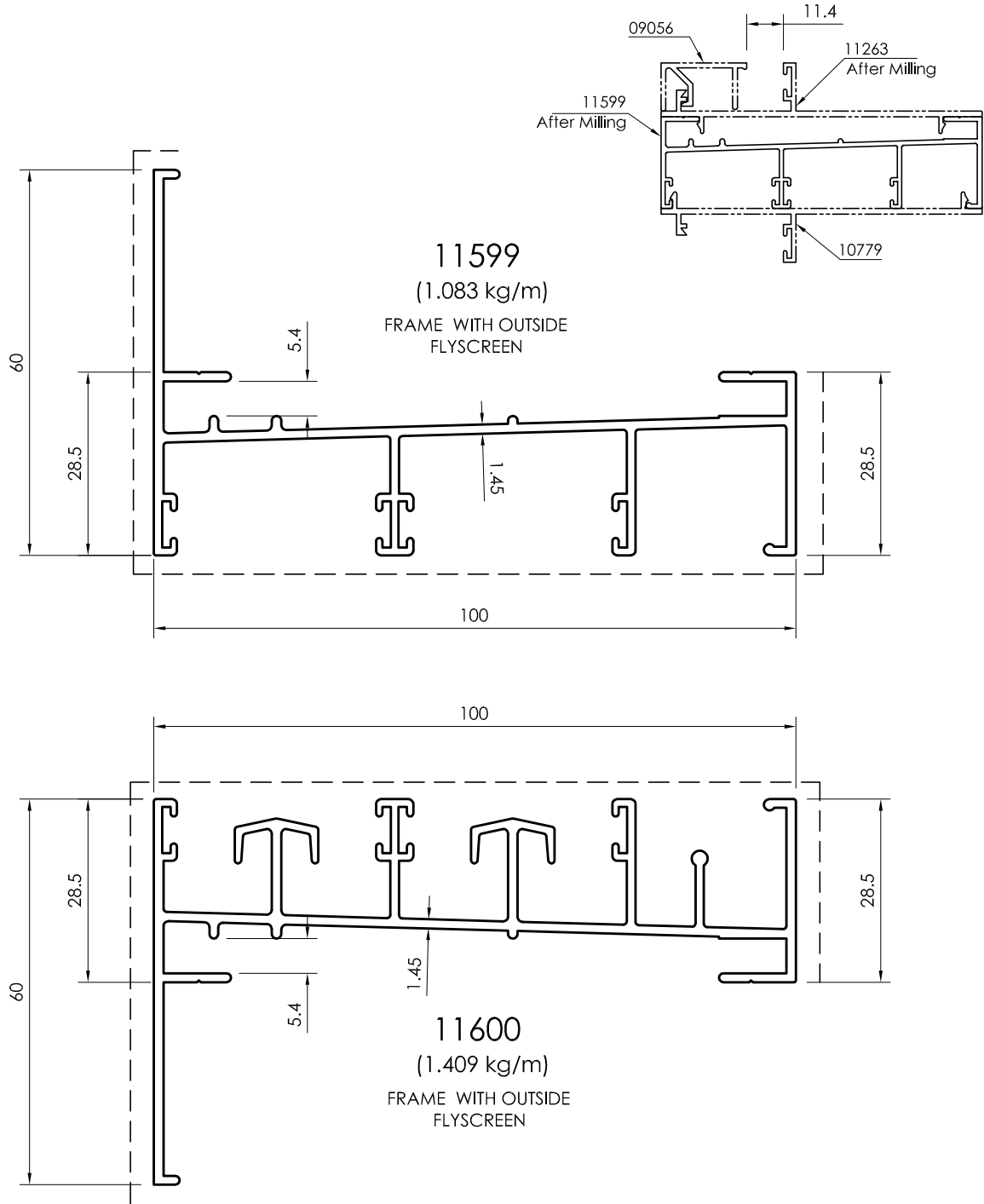
All dimensions in mm
----- Visible area

Frame Profiles



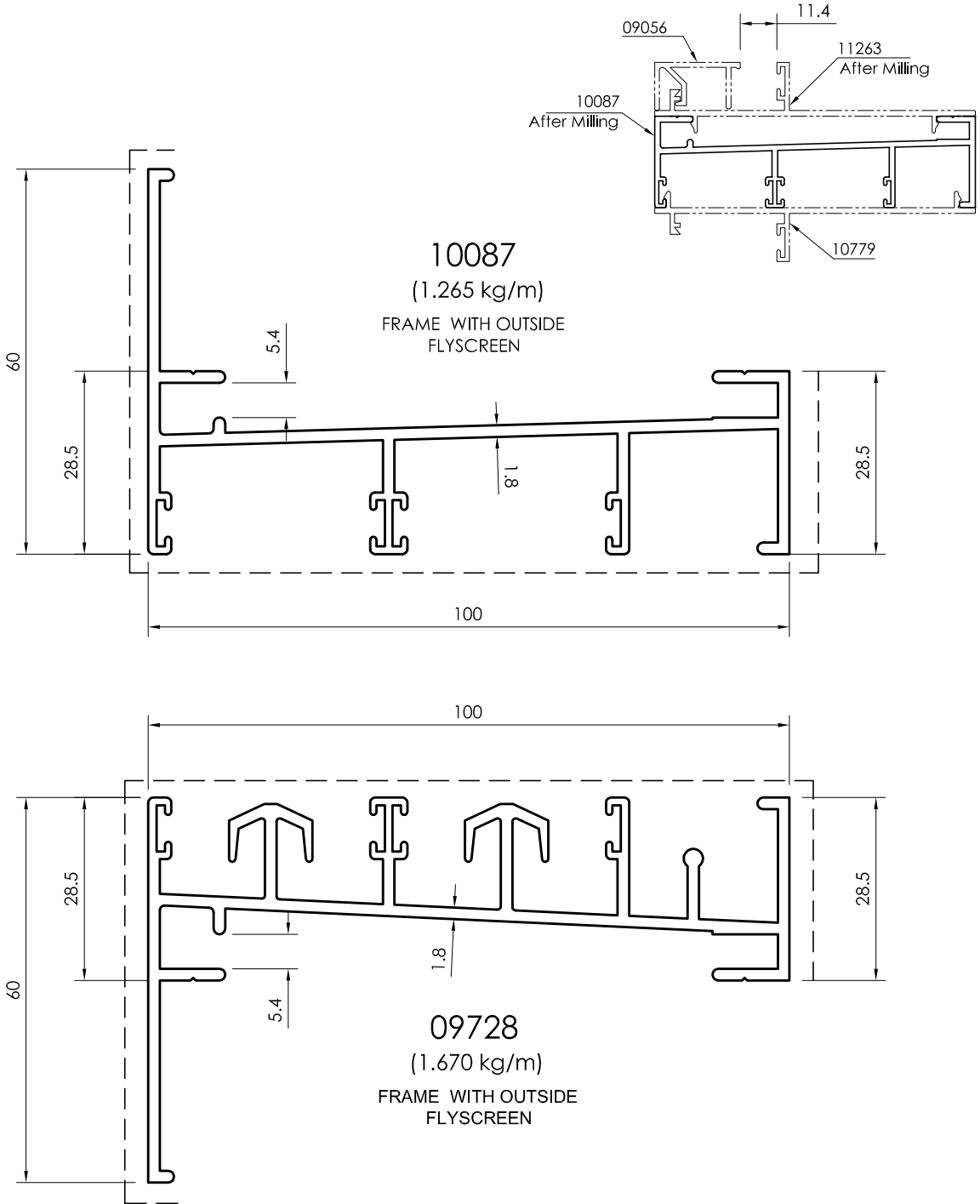
All dimensions in mm
Visible area_-----

Frame Profiles



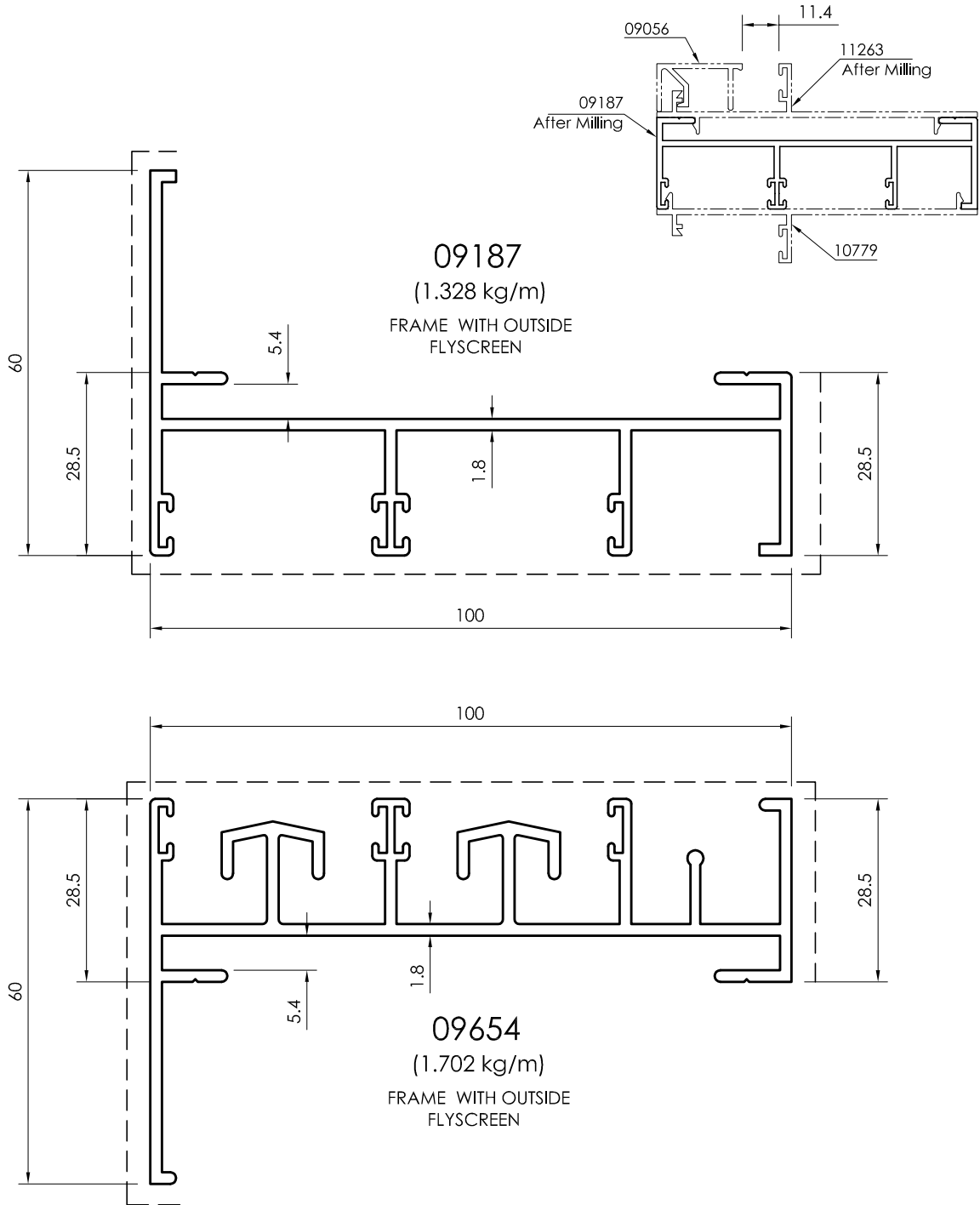
All dimensions in mm
----- Visible area

Frame Profiles



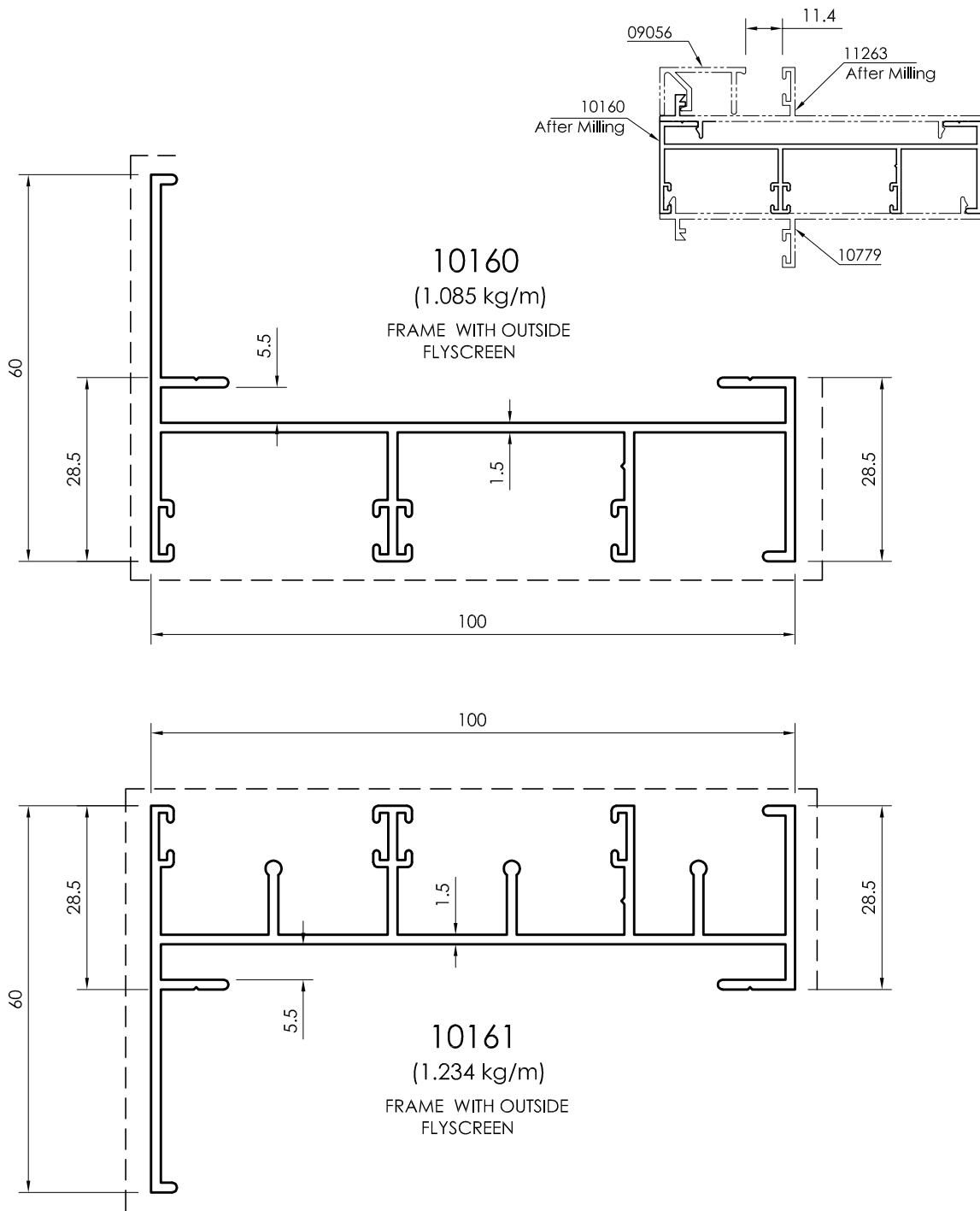
All dimensions in mm
Visible area_-----

Frame Profiles



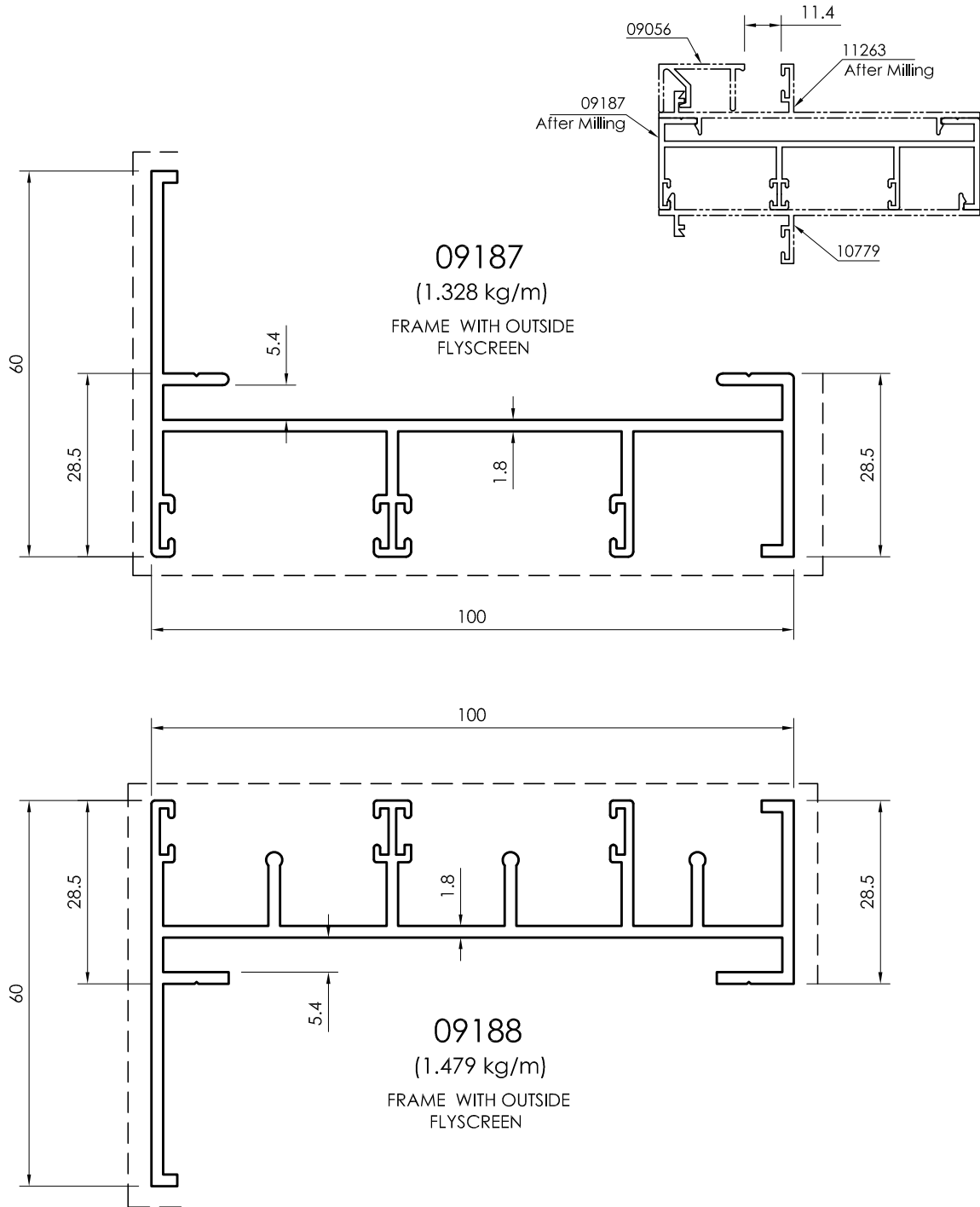
All dimensions in mm
- - - - - Visible area

Frame Profiles



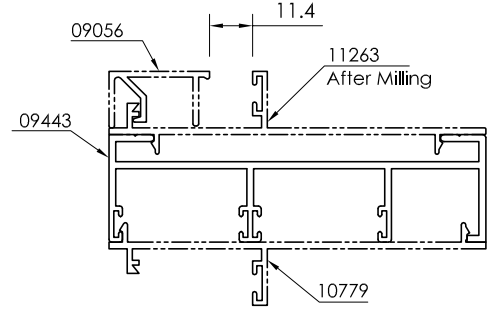
All dimensions in mm
Visible area_____

Frame Profiles

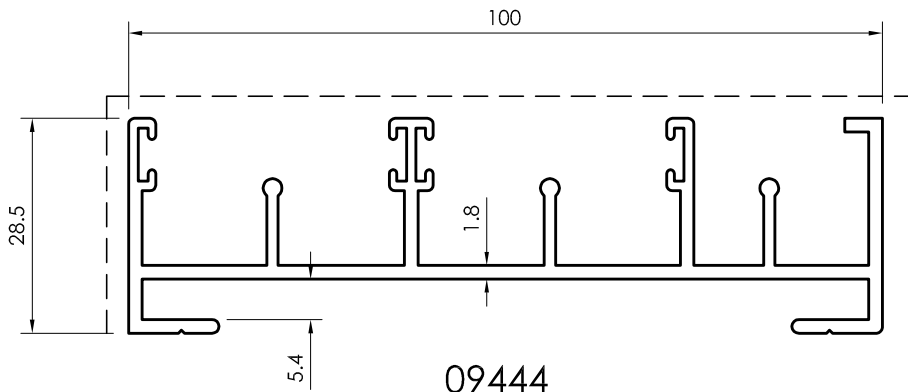
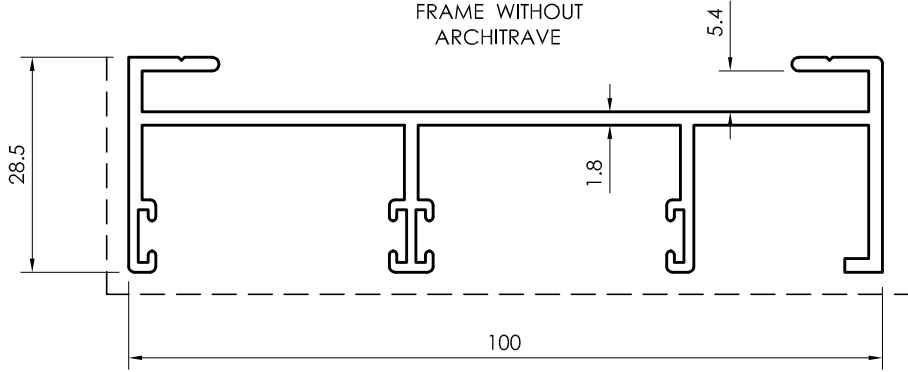


All dimensions in mm
----- Visible area

Frame Profiles



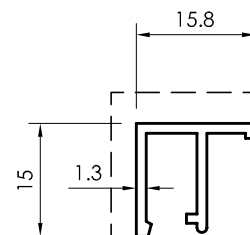
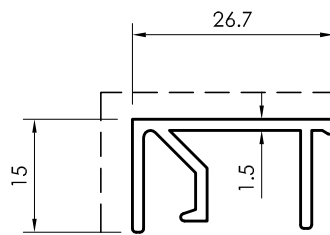
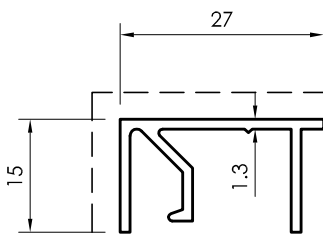
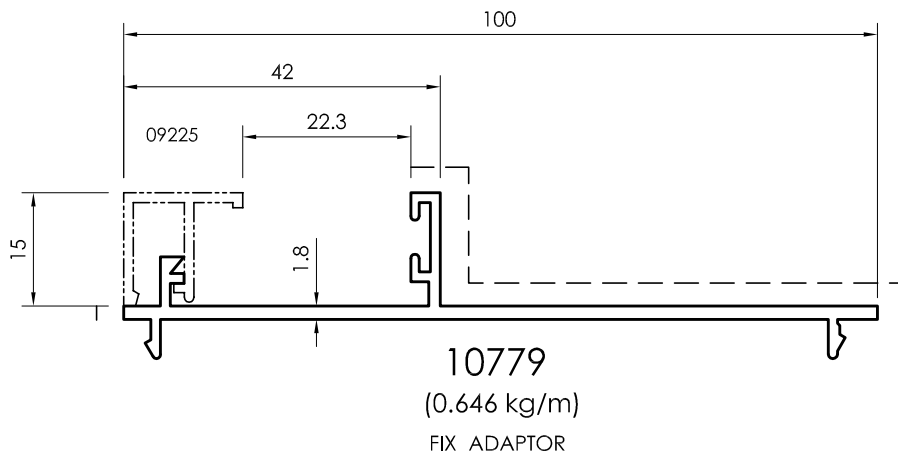
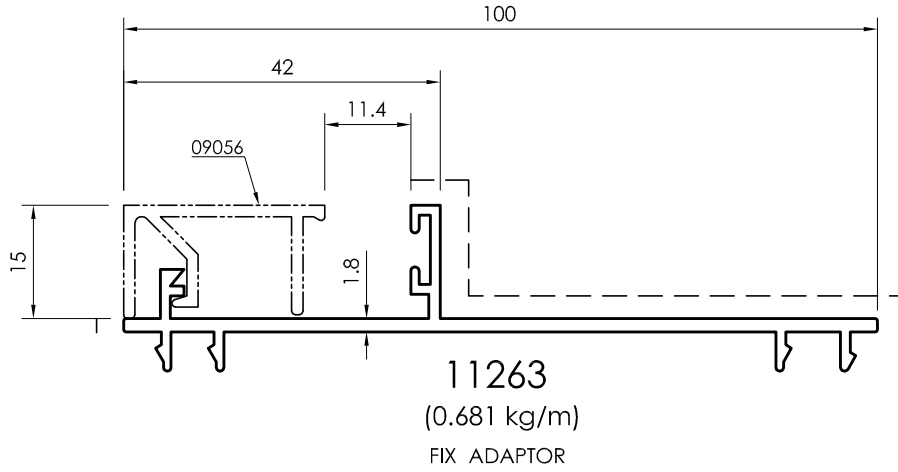
09443
(1.164 kg/m)
FRAME WITHOUT
ARCHITRAVE



09444
(1.315 kg/m)
FRAME WITHOUT
ARCHITRAVE

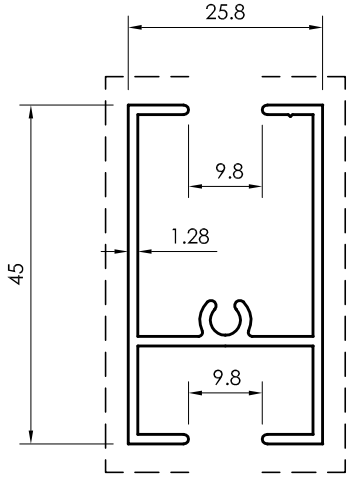
All dimensions in mm
Visible area_-----

Fixed Adaptor Profiles

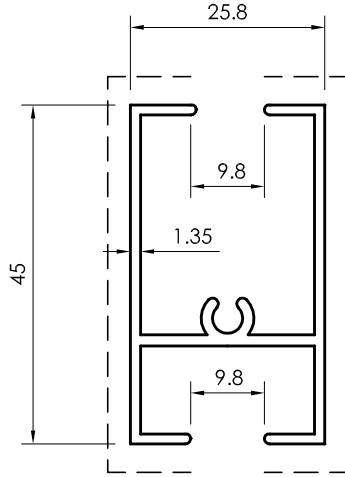


All dimensions in mm
----- Visible area

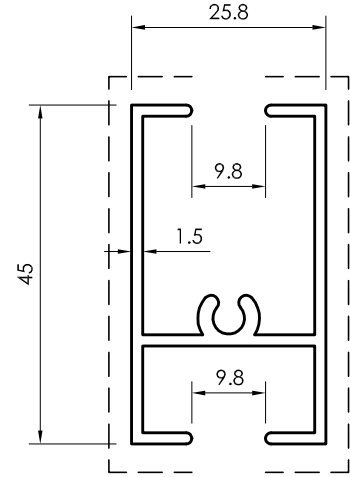
Sash Profile
For Single Glass



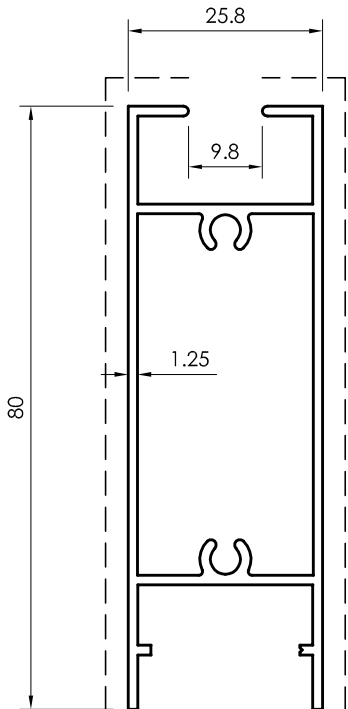
11507
(0.526 kg/m)



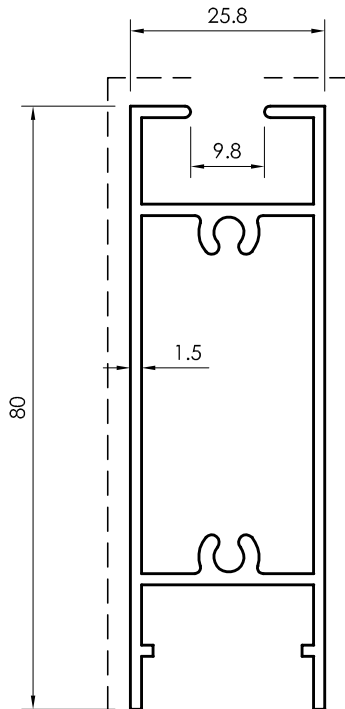
10162
(0.565 kg/m)



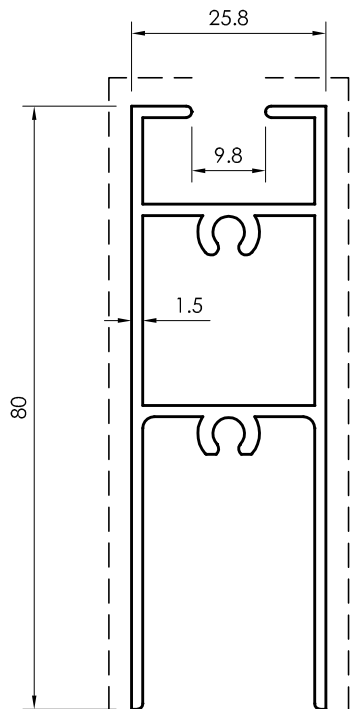
09041
(0.622 kg/m)



13979
(0.845 kg/m)



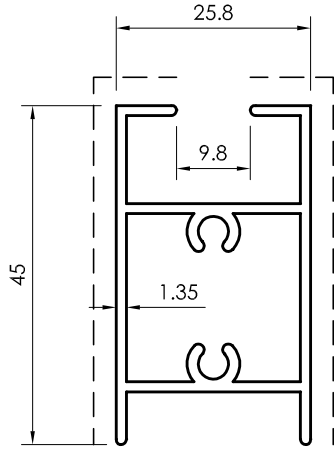
12390
(1.038 kg/m)



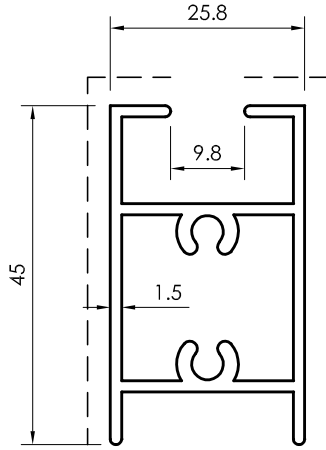
12767
(1.005 kg/m)

All dimensions in mm
Visible area_____

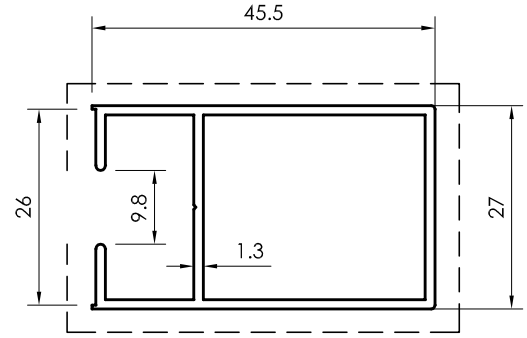
Sash Profile
For Single Glass



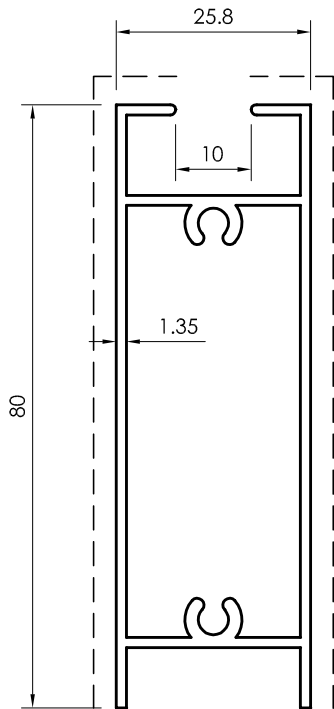
12723
(0.634 kg/m)



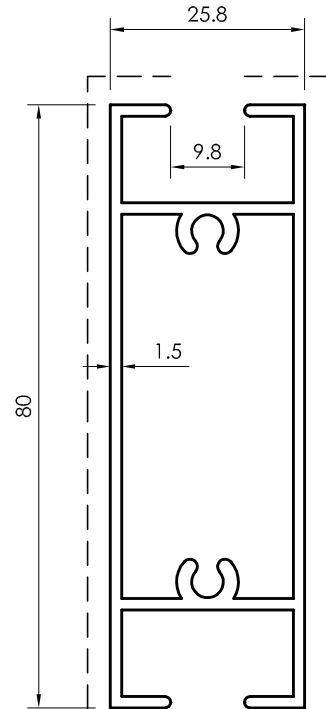
12126
(0.740 kg/m)



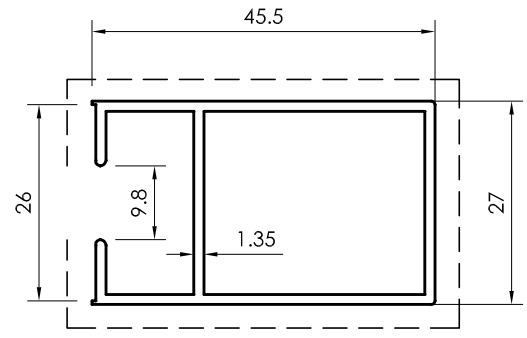
13977
(0.527 kg/m)



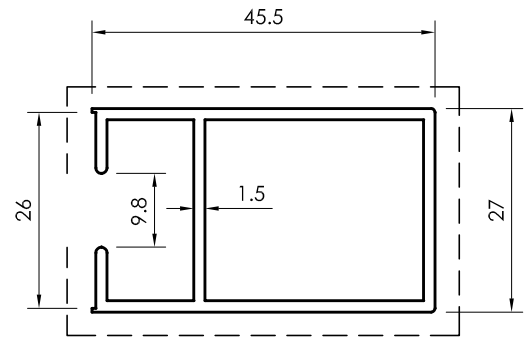
12833
(0.909 kg/m)



12031
(1.054 kg/m)



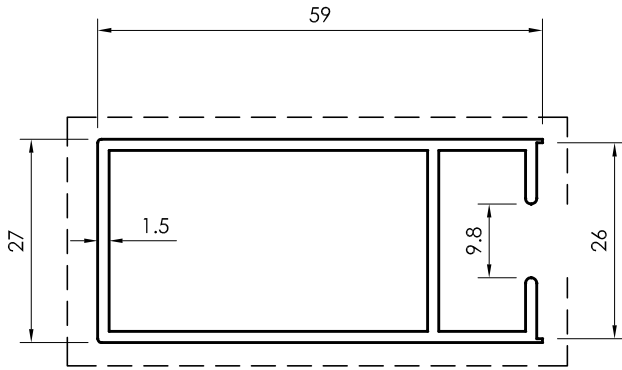
12721
(0.558 kg/m)



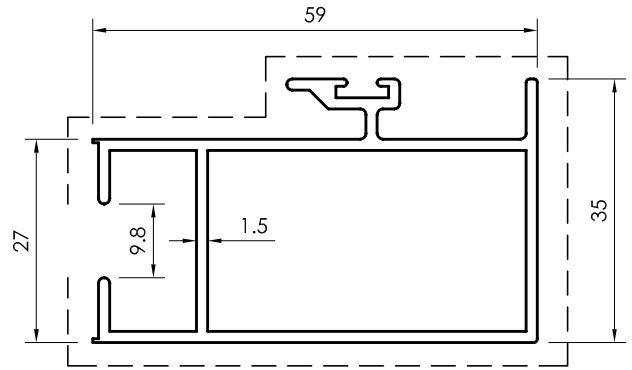
12032
(0.616 kg/m)

All dimensions in mm
----- Visible area

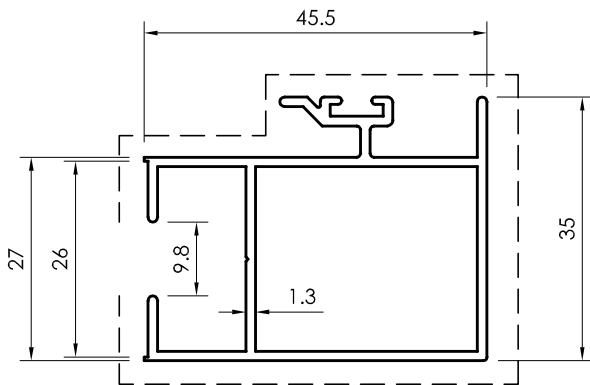
Sash Profile
For Single Glass



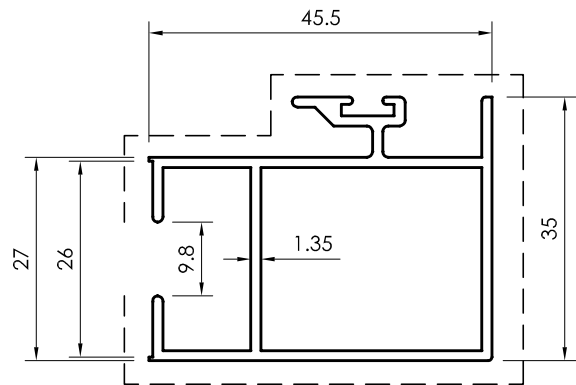
12765
(0.724 kg/m)



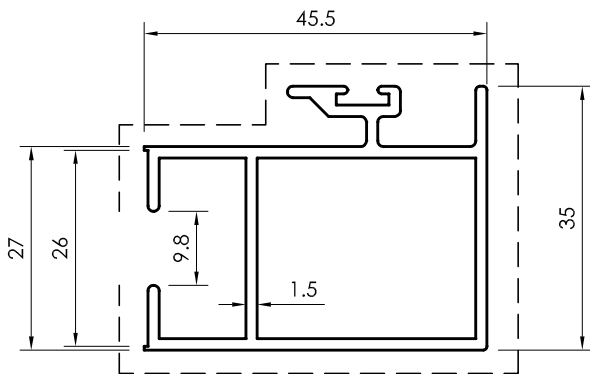
12766
(0.867 kg/m)



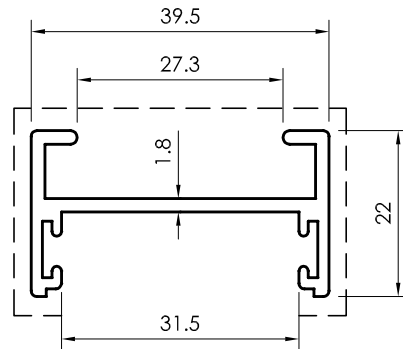
13978
(0.650 kg/m)



12722
(0.690 kg/m)



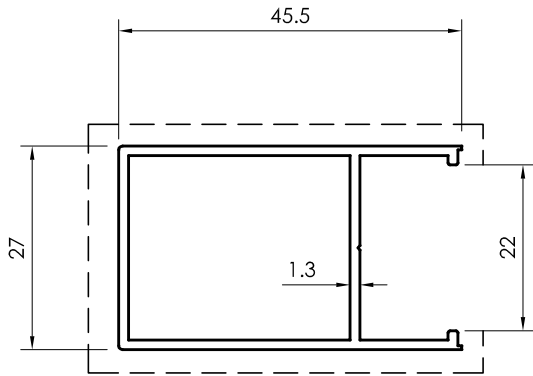
12033
(0.756 kg/m)



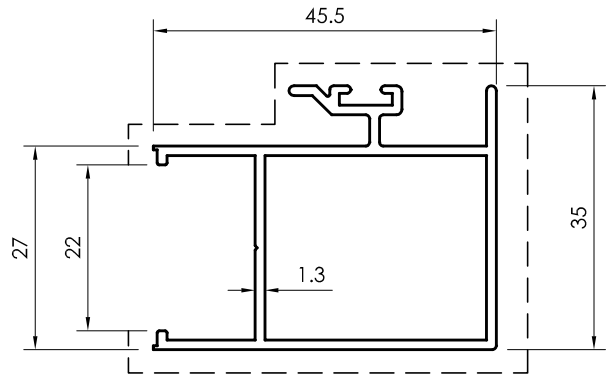
09201
(0.500 kg/m)
4 VENTS MID SECTION

All dimensions in mm
Visible area_-----

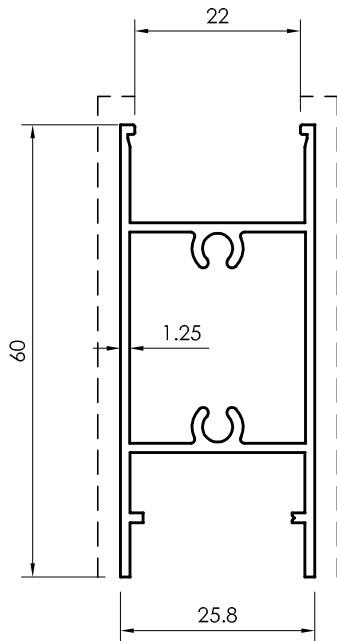
Sash Profile
For Double Glass



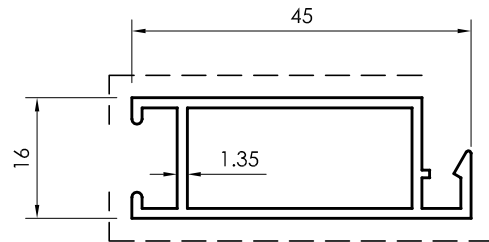
14499
(0.485 kg/m)



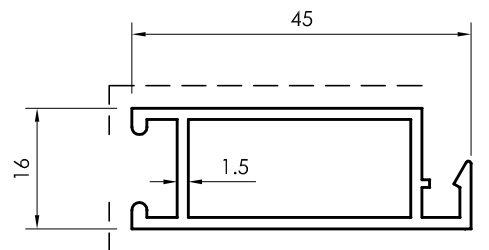
14500
(0.609 kg/m)



14501
(0.666 kg/m)



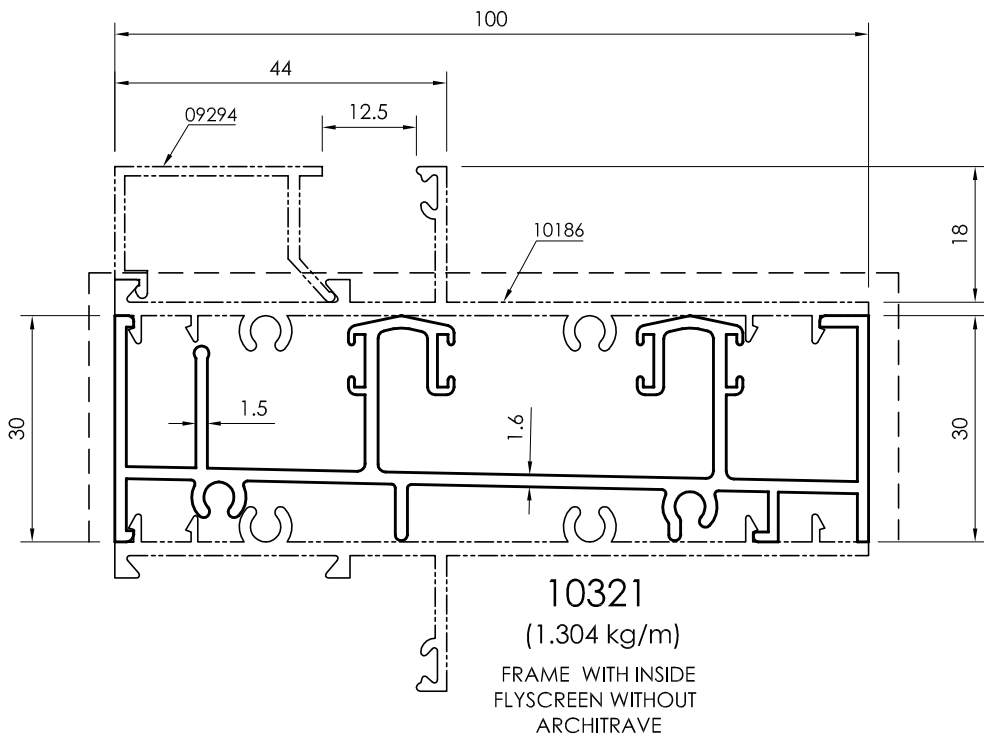
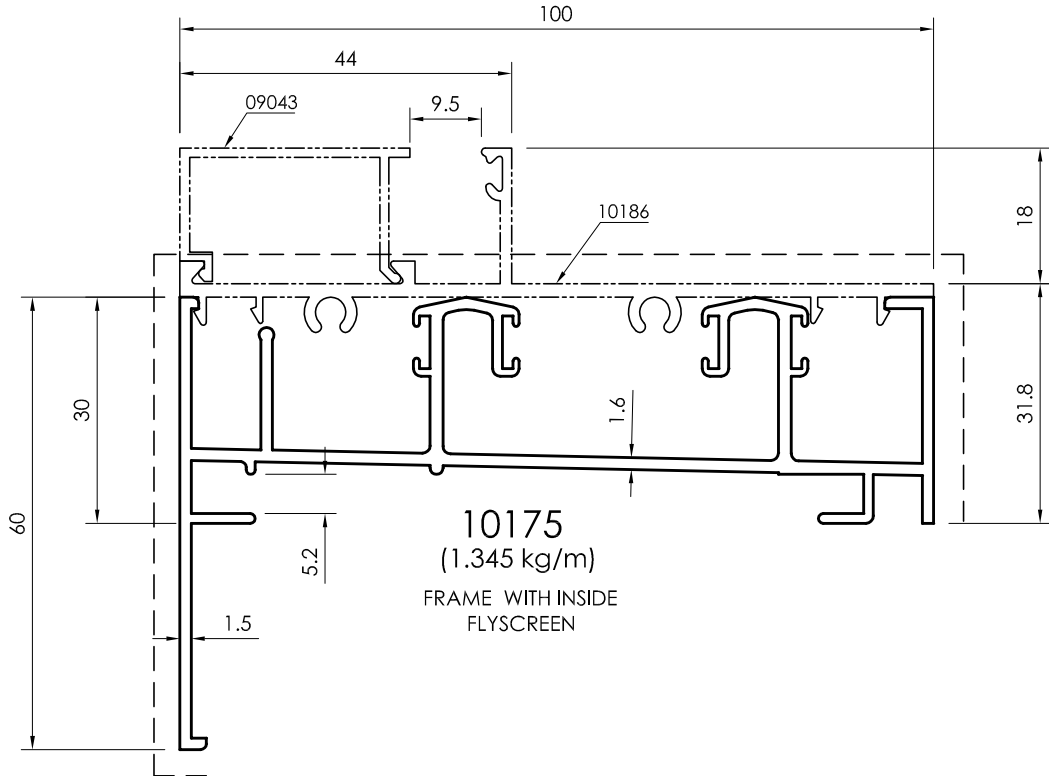
12724
(0.447 kg/m)



12204
(0.497 kg/m)

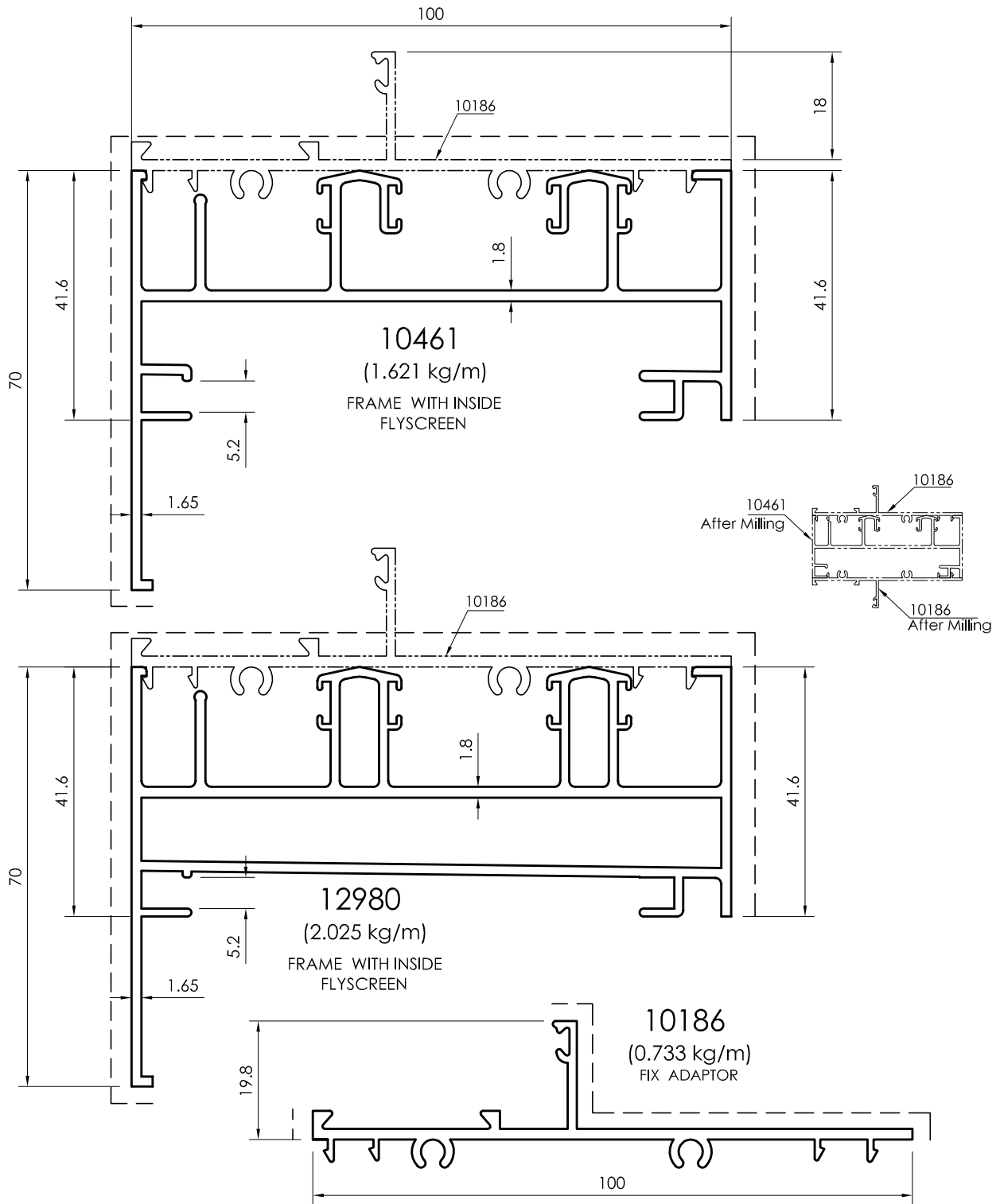
All dimensions in mm
----- Visible area

Frame Profile



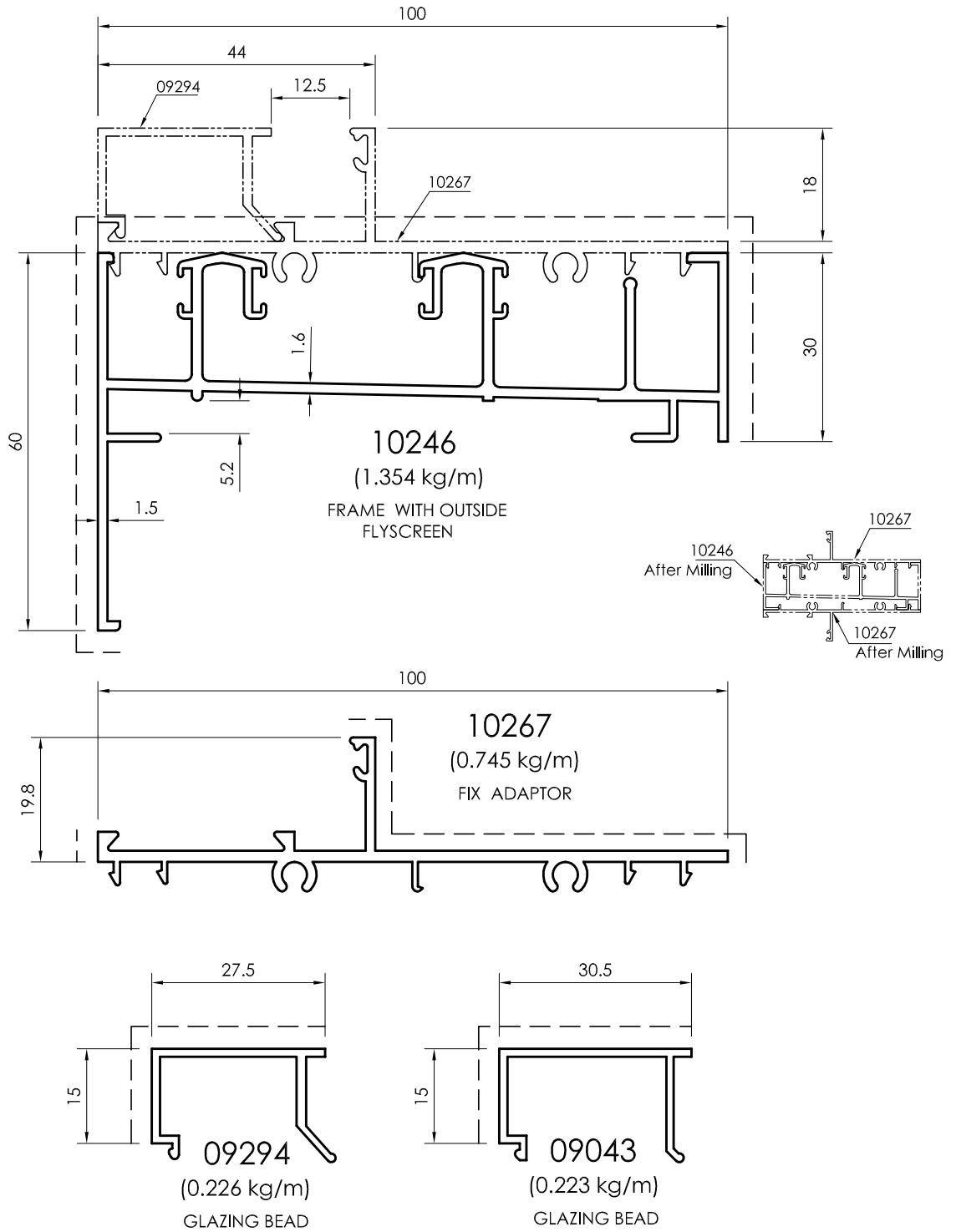
All dimensions in mm
Visible area_-----

Frame / Adaptor Profiles



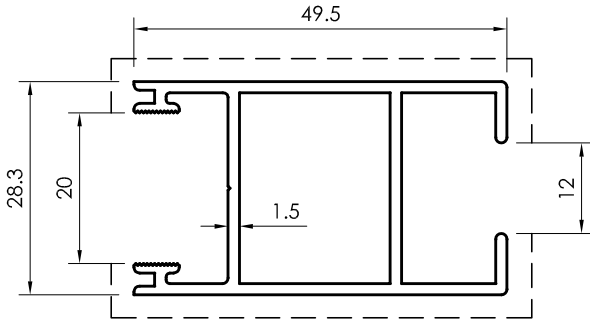
All dimensions in mm
----- Visible area

Frame / Adaptor Profiles

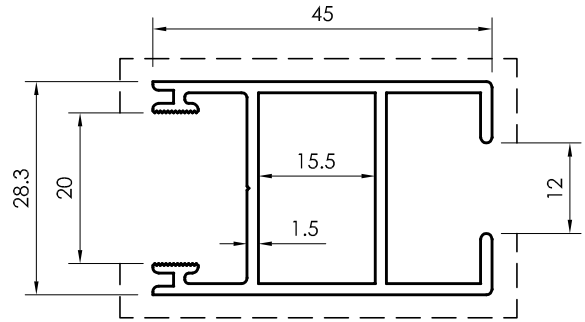


All dimensions in mm
Visible area_-----

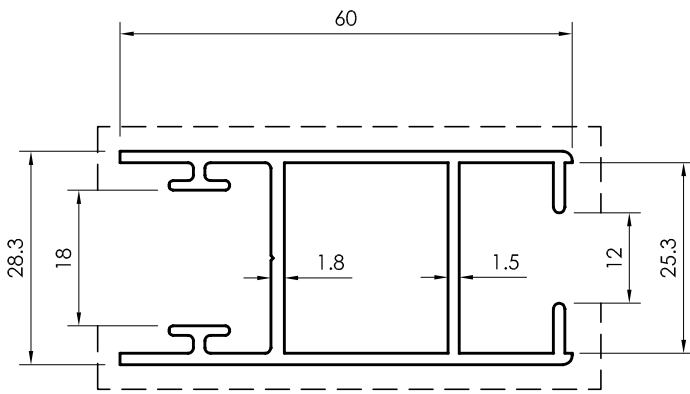
Sash Profile
For Single Glass



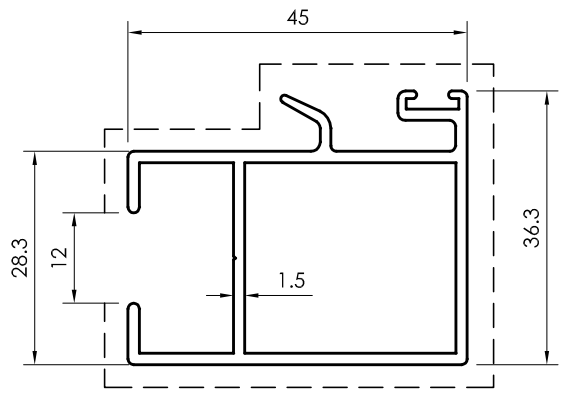
14265
(0.699 kg/m)



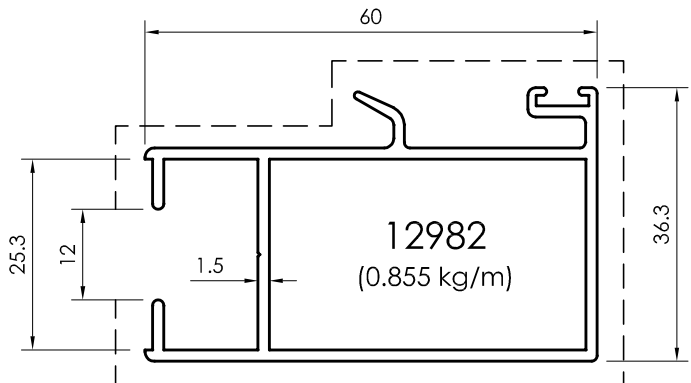
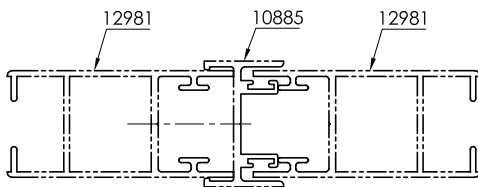
12743
(0.663 kg/m)
(Inner dimn. only 15.5 mm)



12981
(0.837 kg/m)



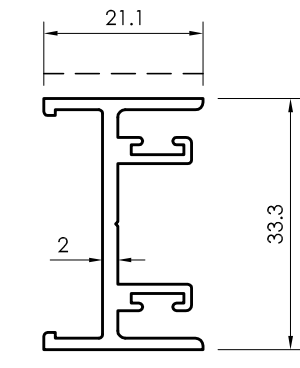
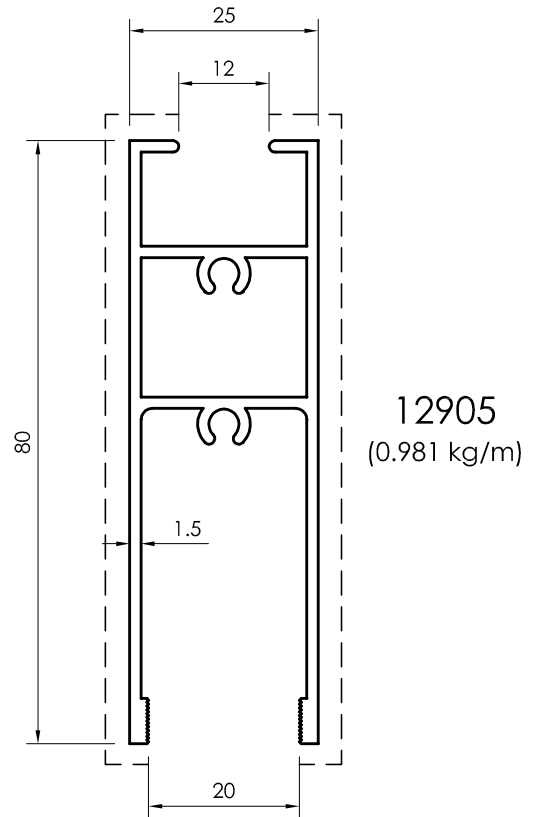
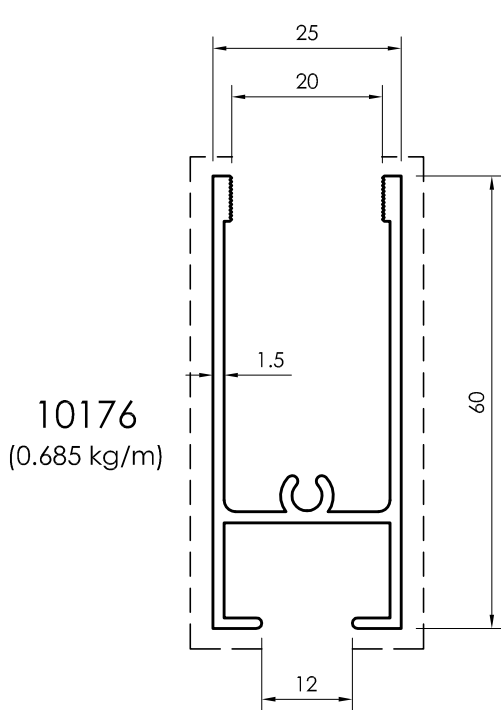
12744
(0.734 kg/m)



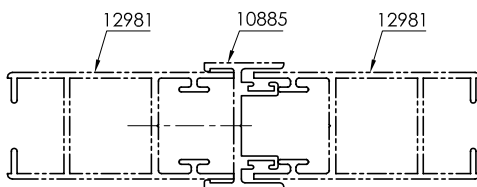
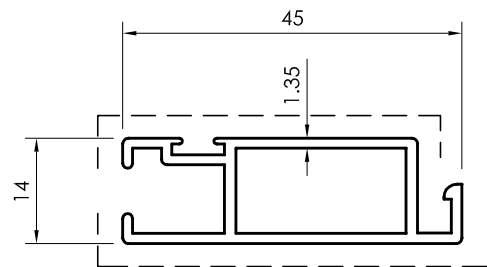
12982
(0.855 kg/m)

All dimensions in mm
----- Visible area

Sash Profile
For Single Glass

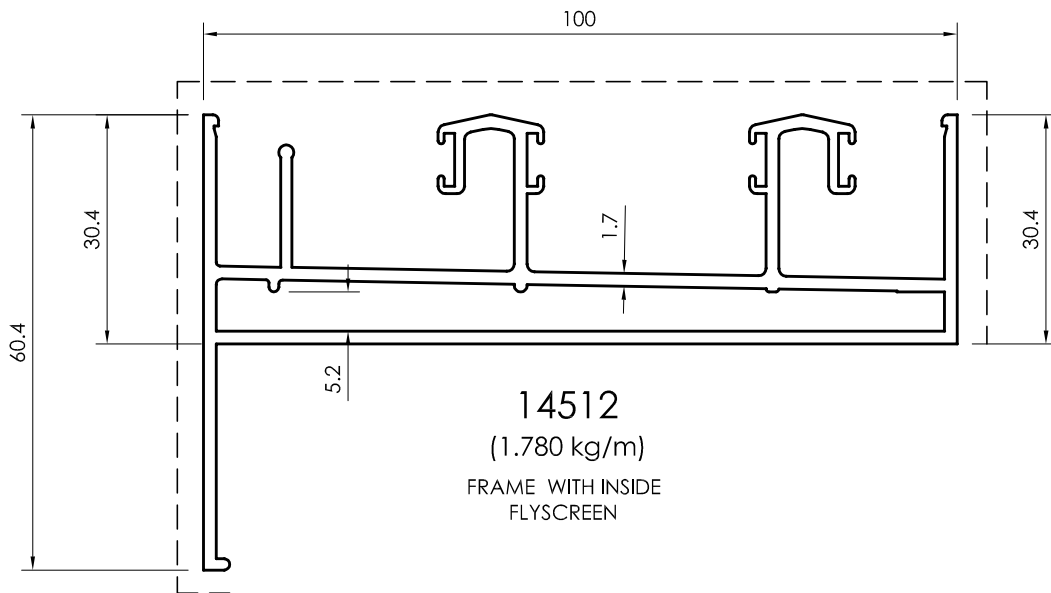
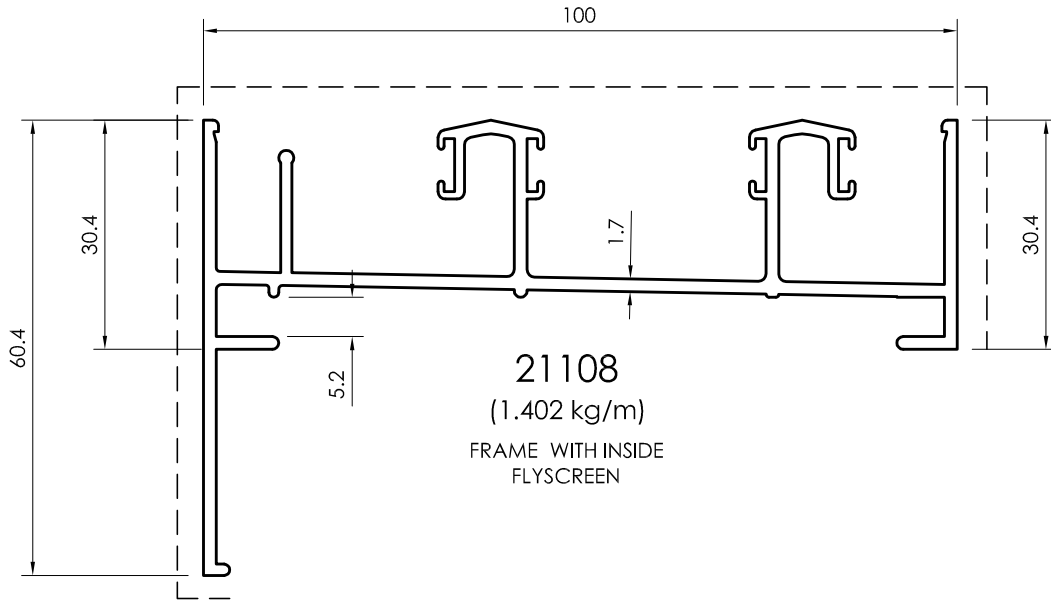


4 VENTS MID SECTION



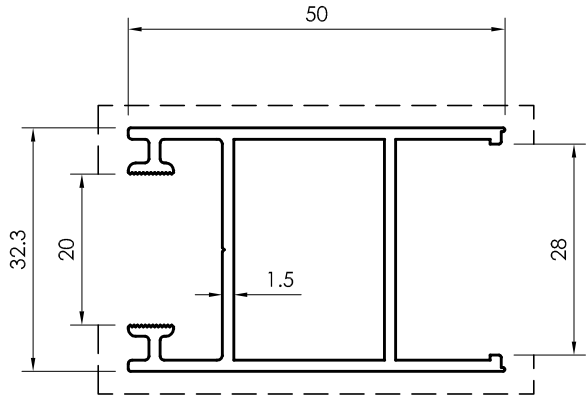
All dimensions in mm
Visible area_-----

Frame Profiles

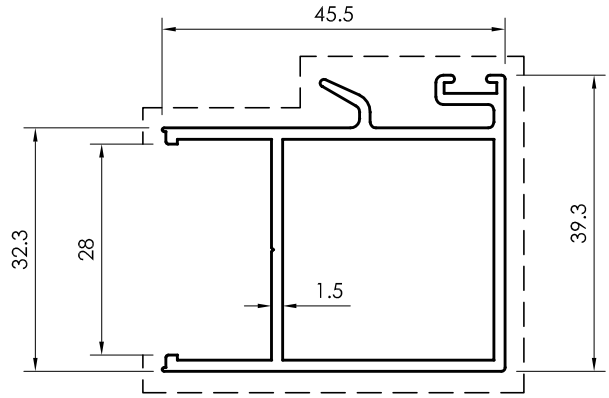


All dimensions in mm
----- Visible area

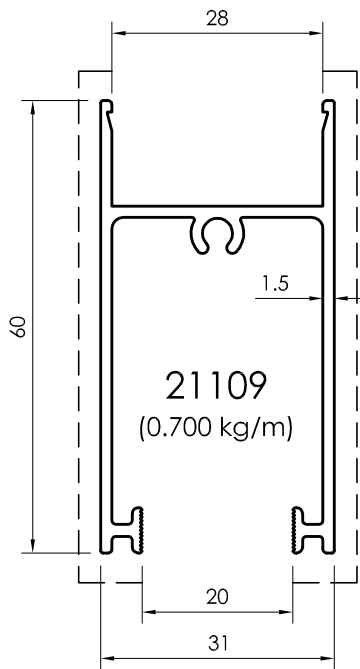
Sash Profiles
For Double Glass



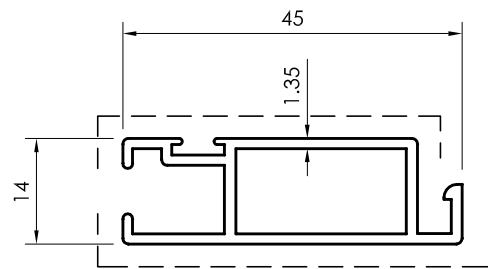
14513
(0.713 kg/m)



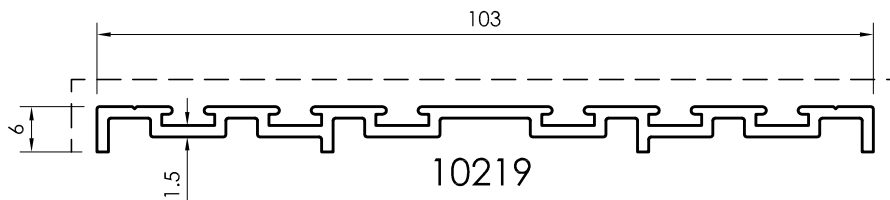
14514
(0.713 kg/m)



21109
(0.700 kg/m)



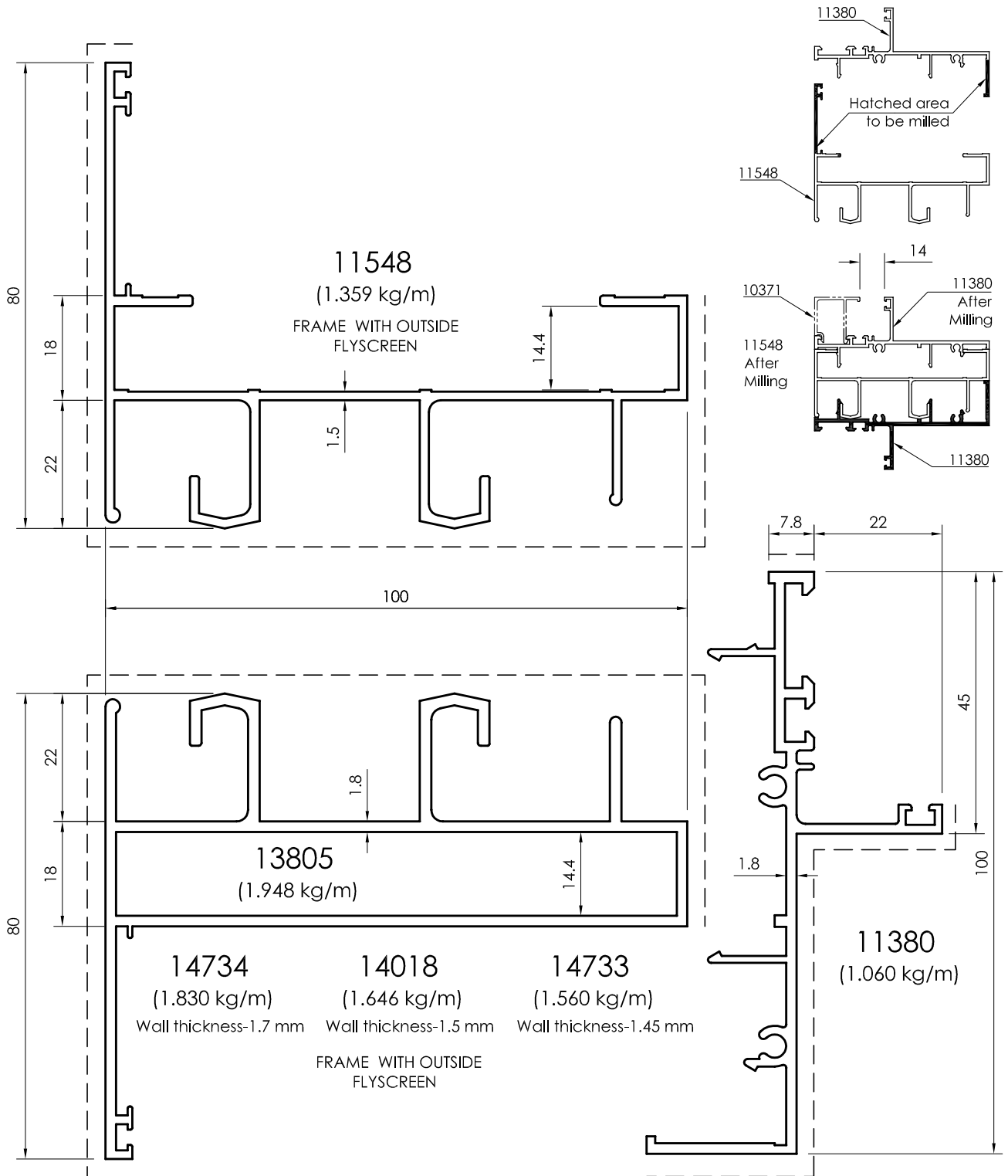
12745
(0.457 kg/m)



10219
(0.633 kg/m)
DUST PROOF PROFILE

All dimensions in mm
Visible area_-----

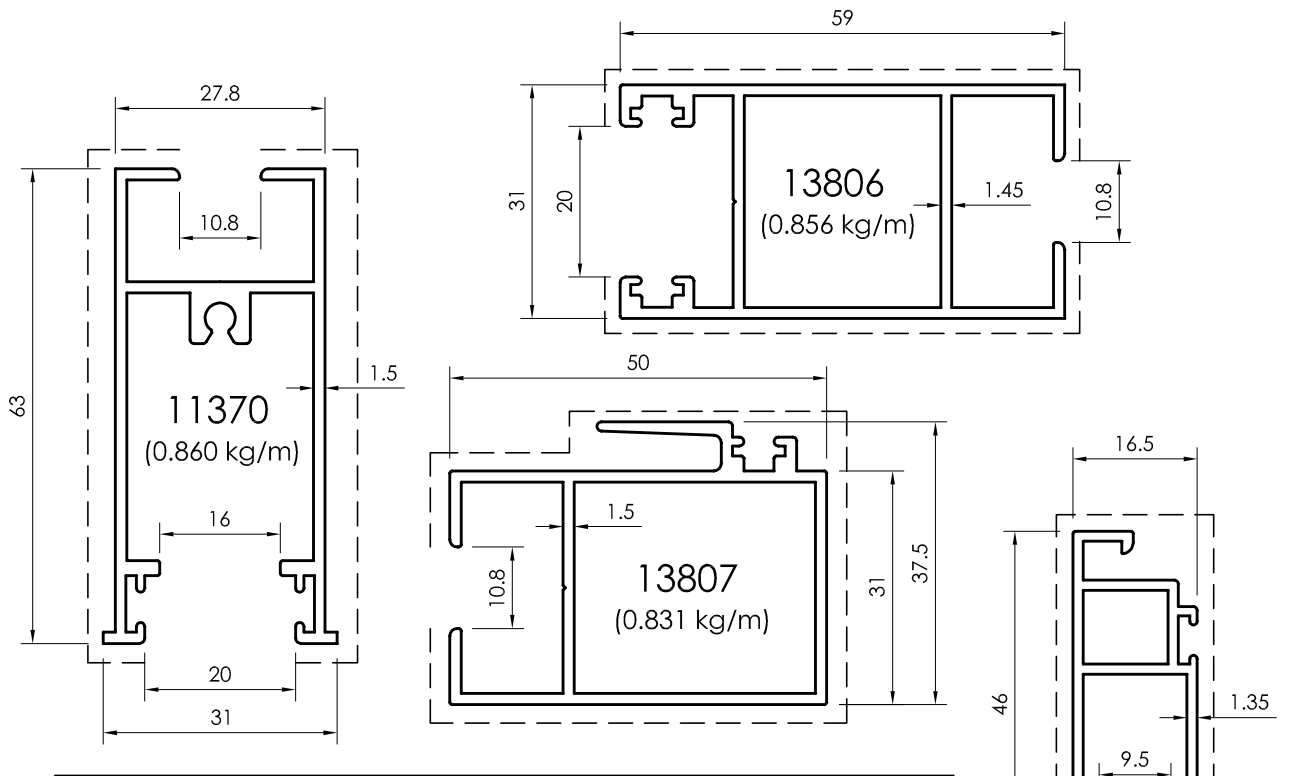
Frame / Adaptor Profiles



All dimensions in mm
----- Visible area

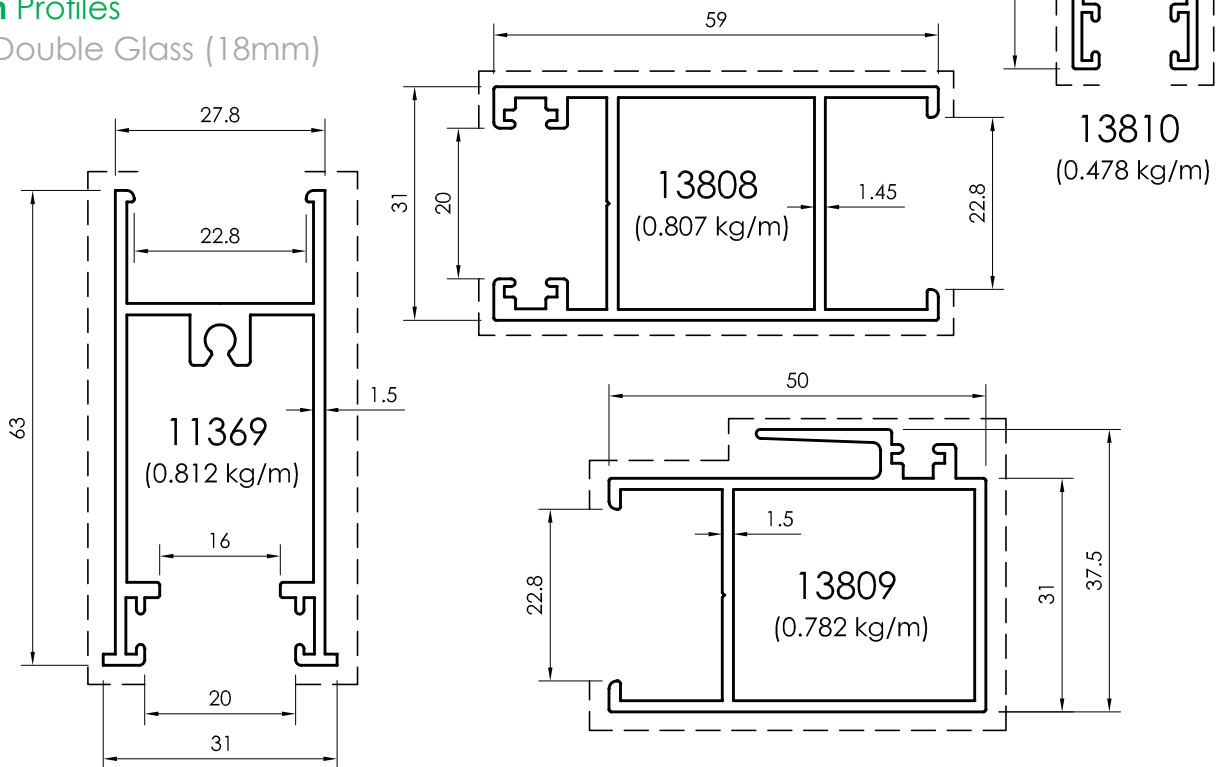
Sash Profiles

For Single Glass (6mm)



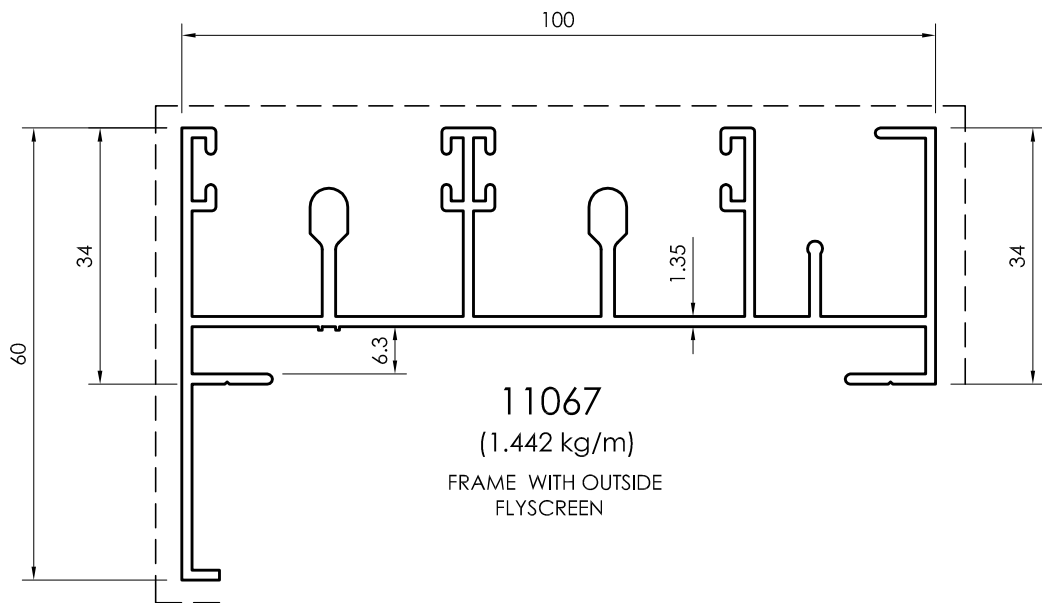
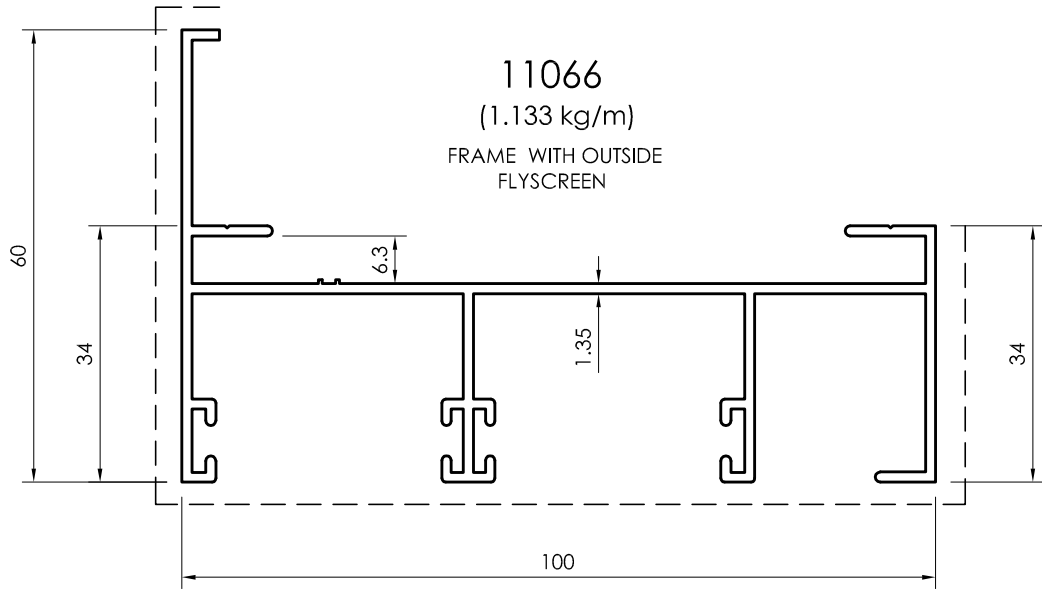
Sash Profiles

For Double Glass (18mm)



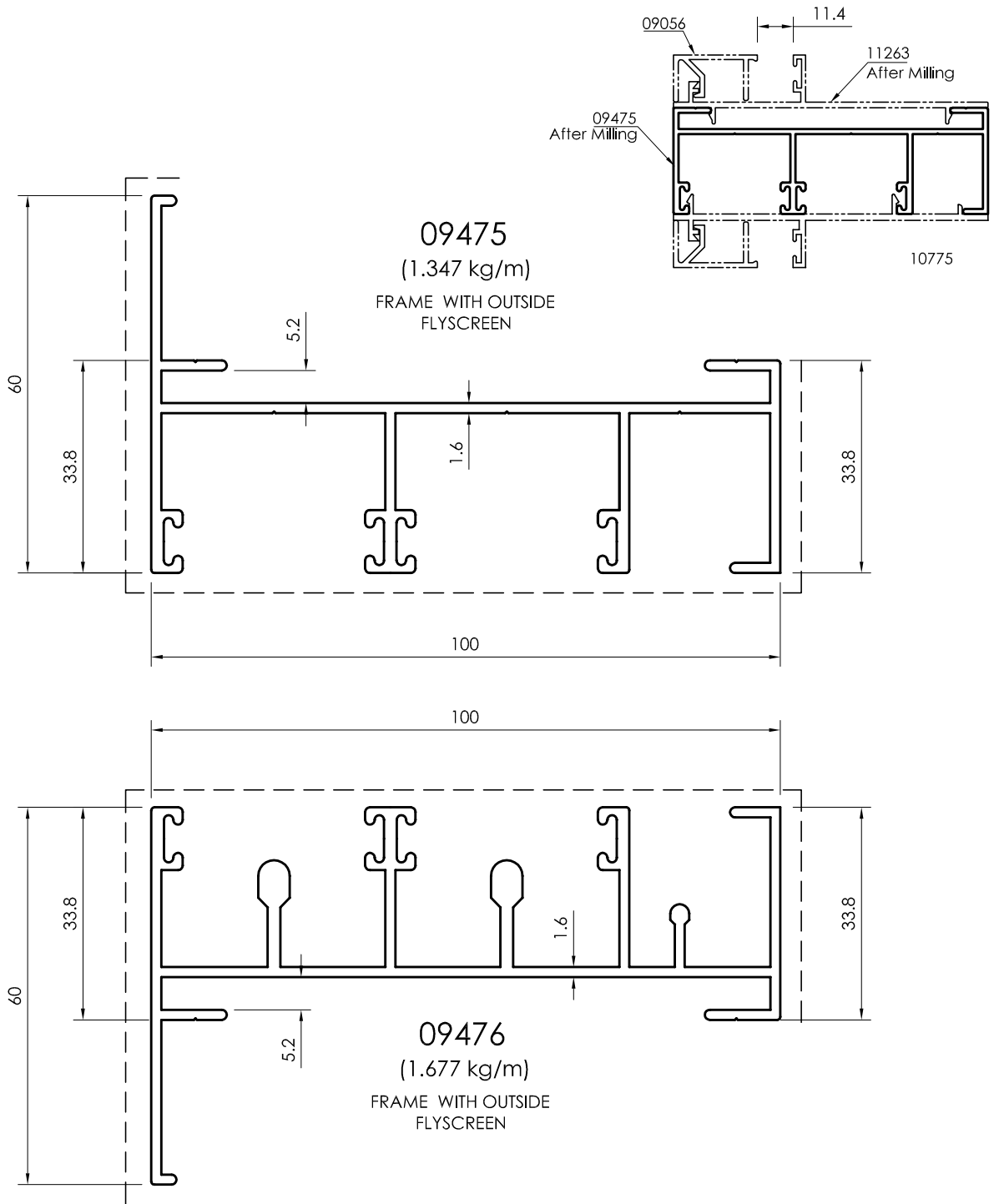
All dimensions in mm
Visible area_-----

Frame Profiles



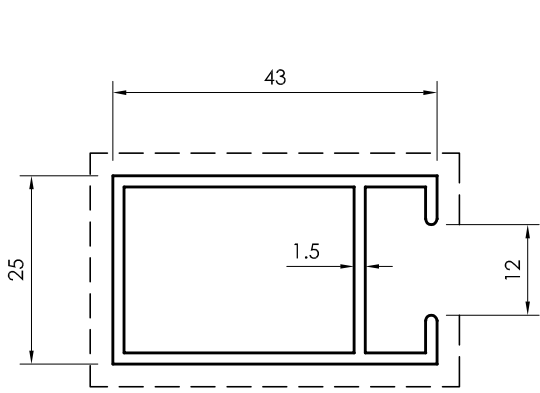
All dimensions in mm
----- Visible area

Frame Profiles

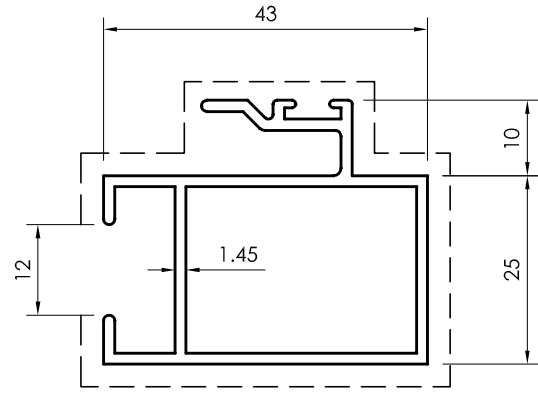


All dimensions in mm
Visible area_-----

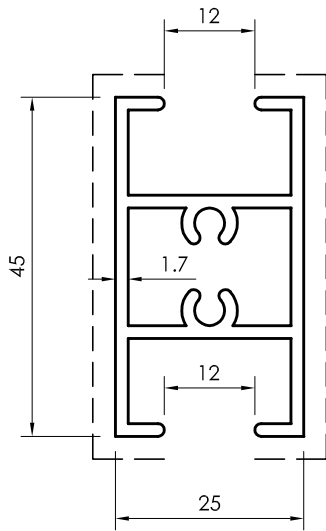
Frame Profiles
For Single Glass



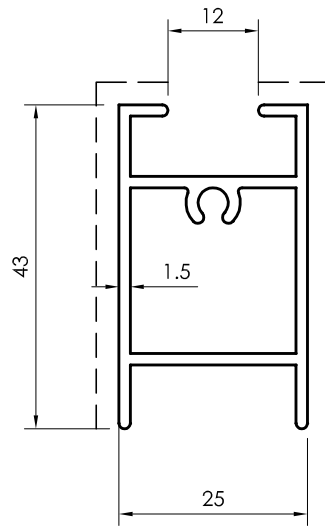
12240
(0.567 kg/m)



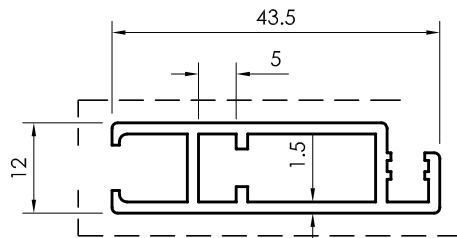
12241
(0.699 kg/m)



13534
(0.789 kg/m)



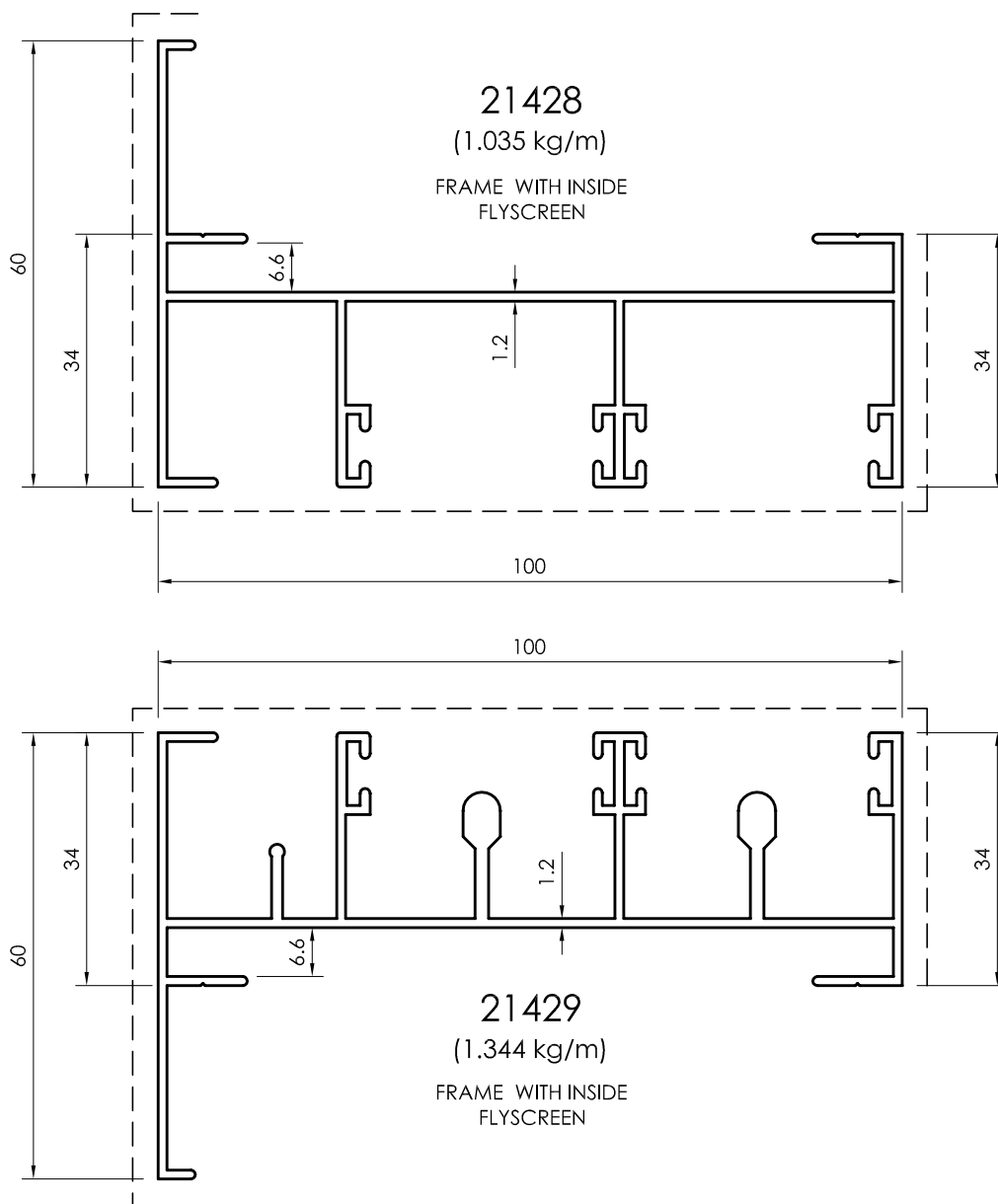
12242
(0.616 kg/m)



12007
(0.460 kg/m)

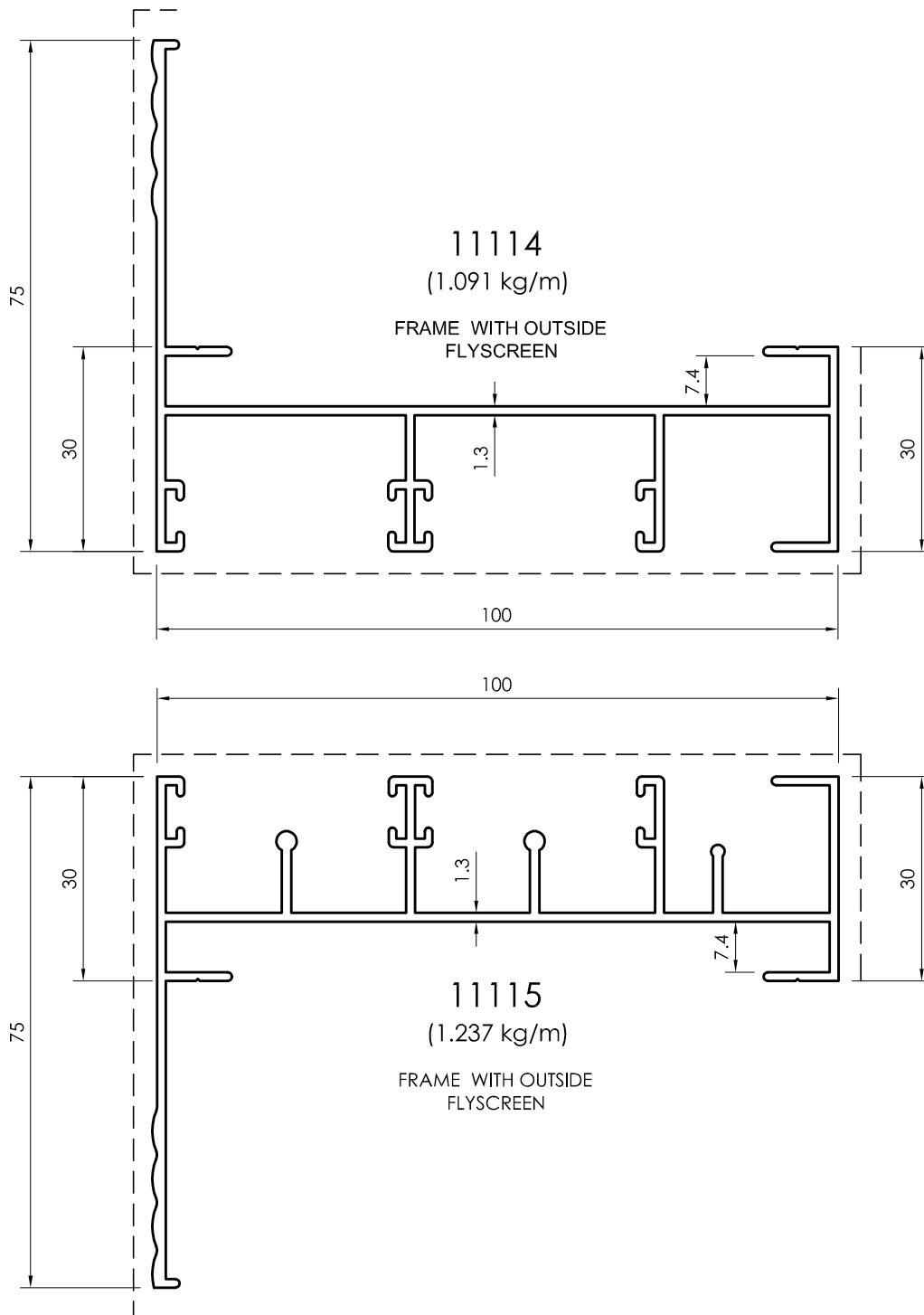
All dimensions in mm
----- Visible area

Frame Profiles



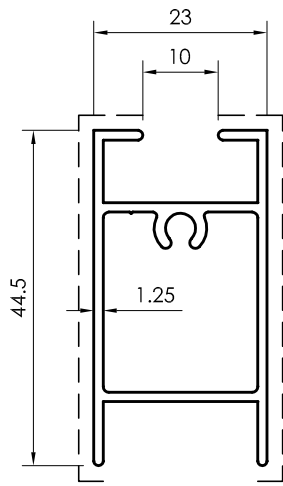
All dimensions in mm
Visible area_____

Frame Profiles

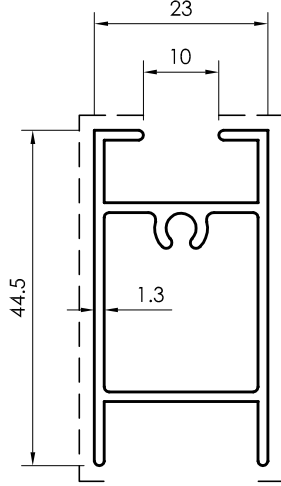


All dimensions in mm
----- Visible area

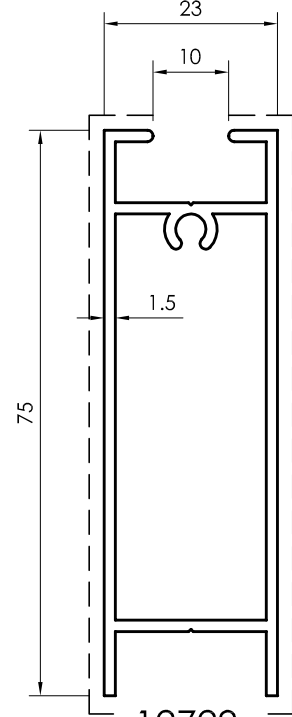
Sash Profiles
For Single Glass



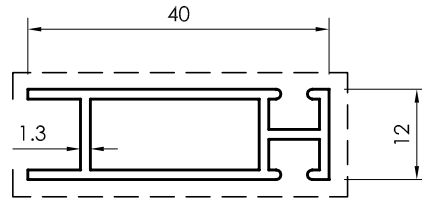
14348
(0.519 kg/m)



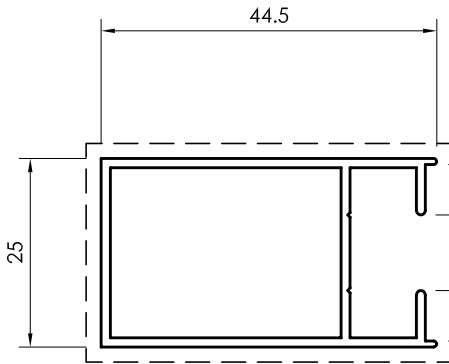
12435
(0.535 kg/m)



12729
(0.849 kg/m)

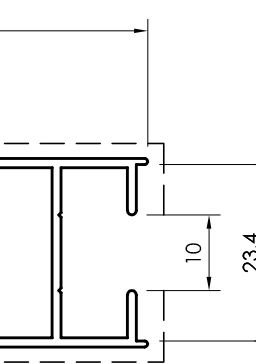


12436
(0.377 kg/m)



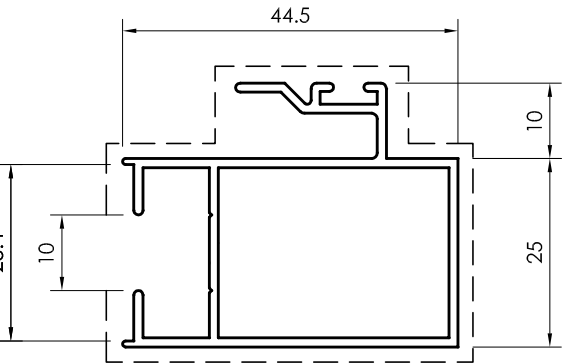
12433
(0.471 kg/m)

Wall thickness-1.2 mm



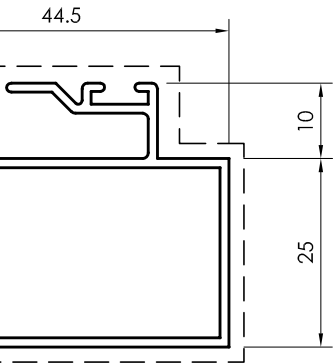
14346
(0.456 kg/m)

Wall thickness-1.15 mm



12434
(0.588 kg/m)

Wall thickness-1.2 mm

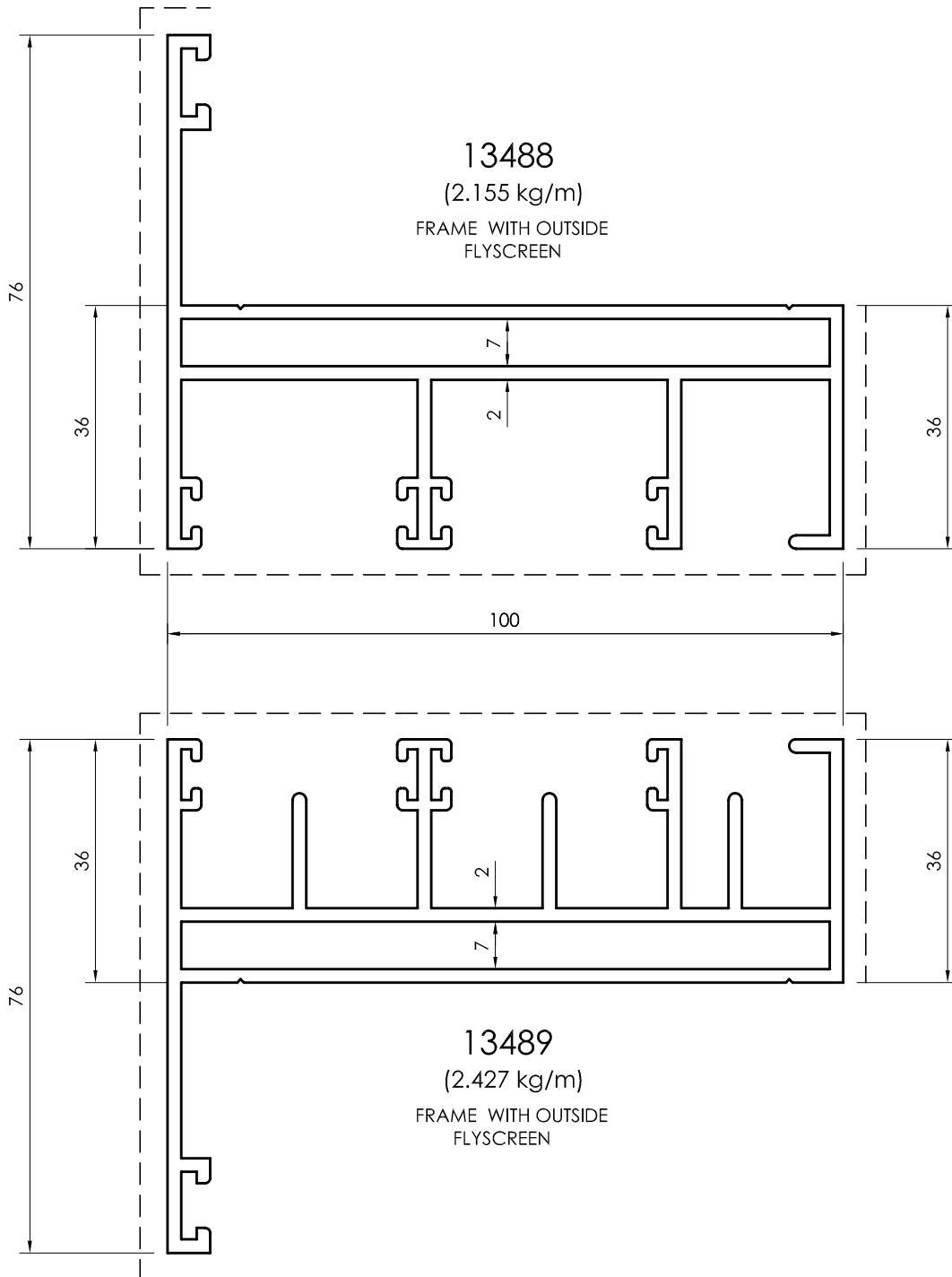


14347
(0.536 kg/m)

Wall thickness-1.08 mm

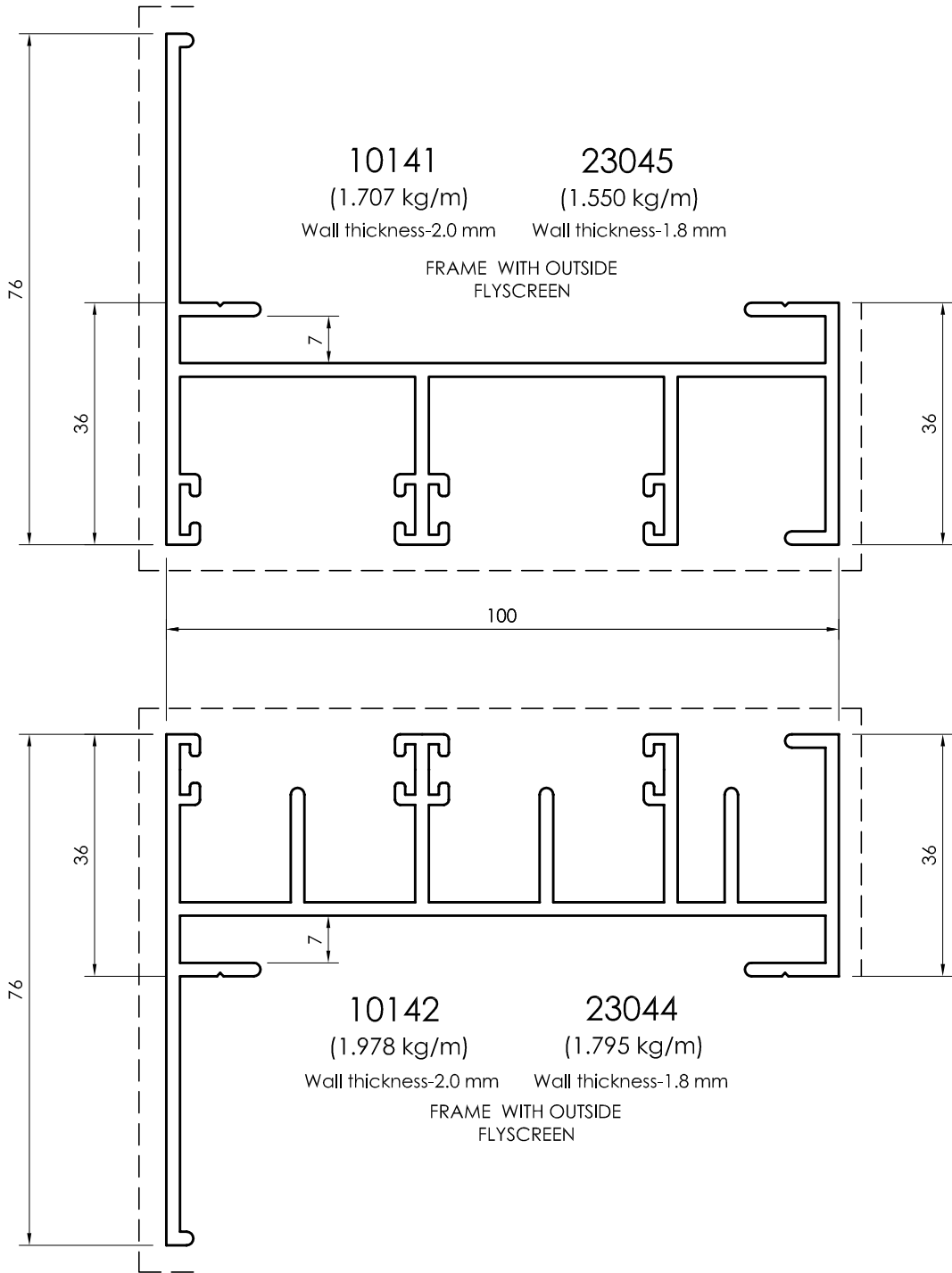
All dimensions in mm
Visible area_____

Frame Profiles



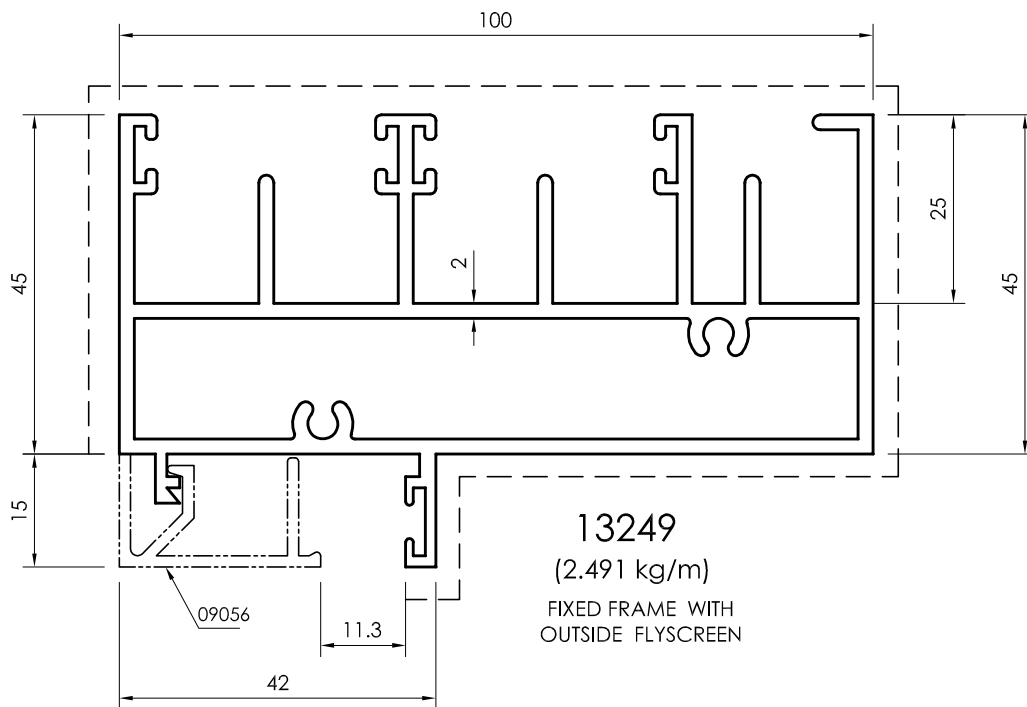
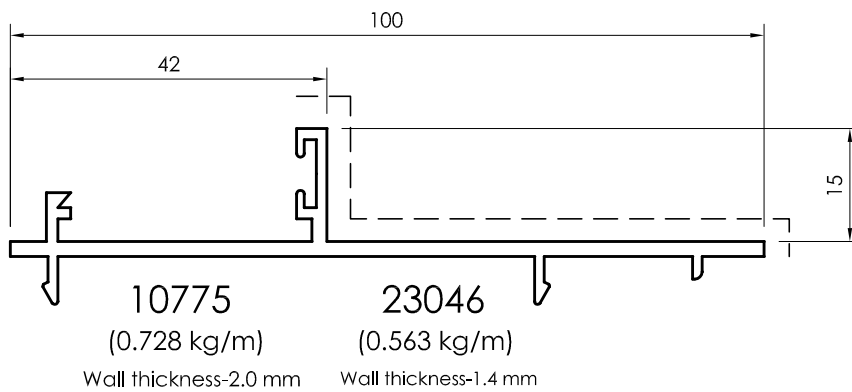
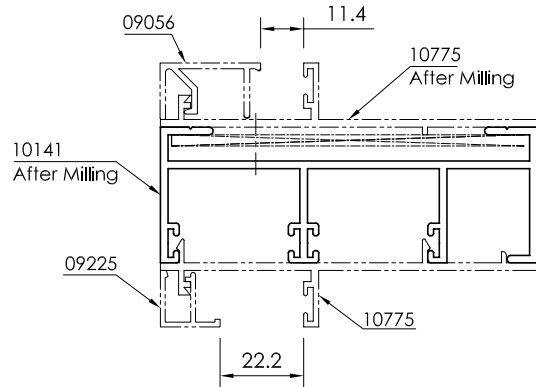
All dimensions in mm
----- Visible area

Frame Profiles



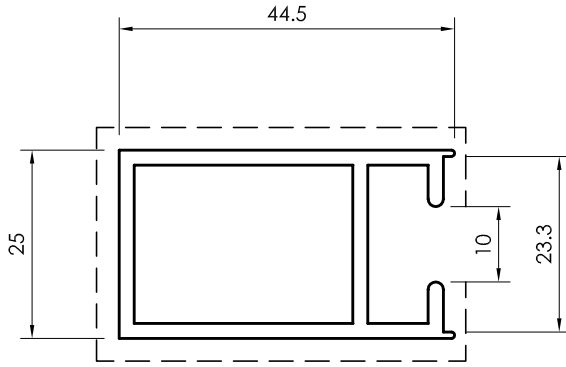
All dimensions in mm
Visible area_-----

Frame / Adaptor Profiles

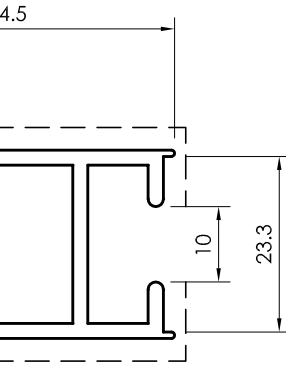


All dimensions in mm
 ----- Visible area

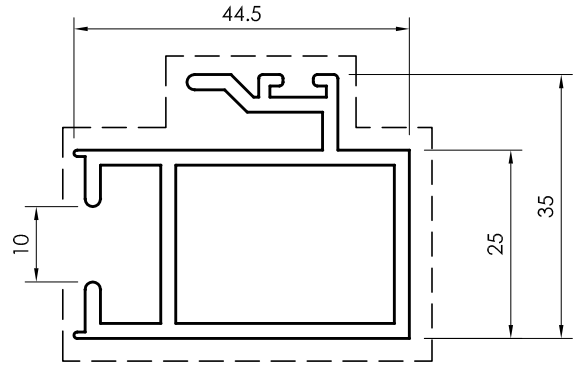
Sash Profiles
For Single Glass



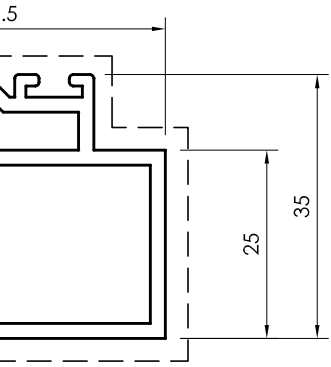
12710
(0.754 kg/m)
Wall thickness-2.0 mm



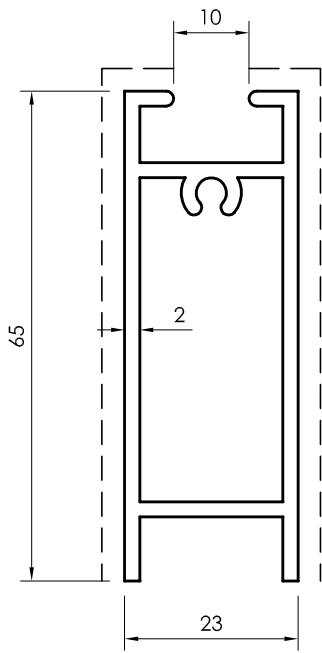
16512
(0.685 kg/m)
Wall thickness-1.8 mm



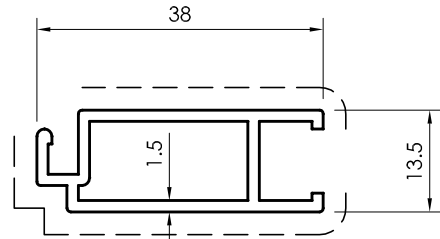
12711
(0.932 kg/m)
Wall thickness-2.0 mm



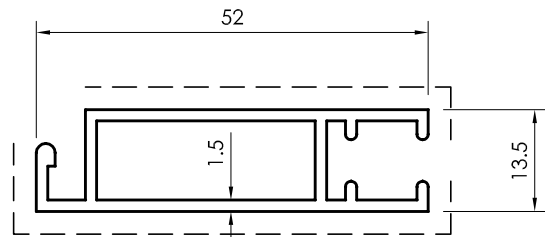
16511
(0.850 kg/m)
Wall thickness-1.8 mm



12712
(1.009 kg/m)
Wall thickness-2.0 mm



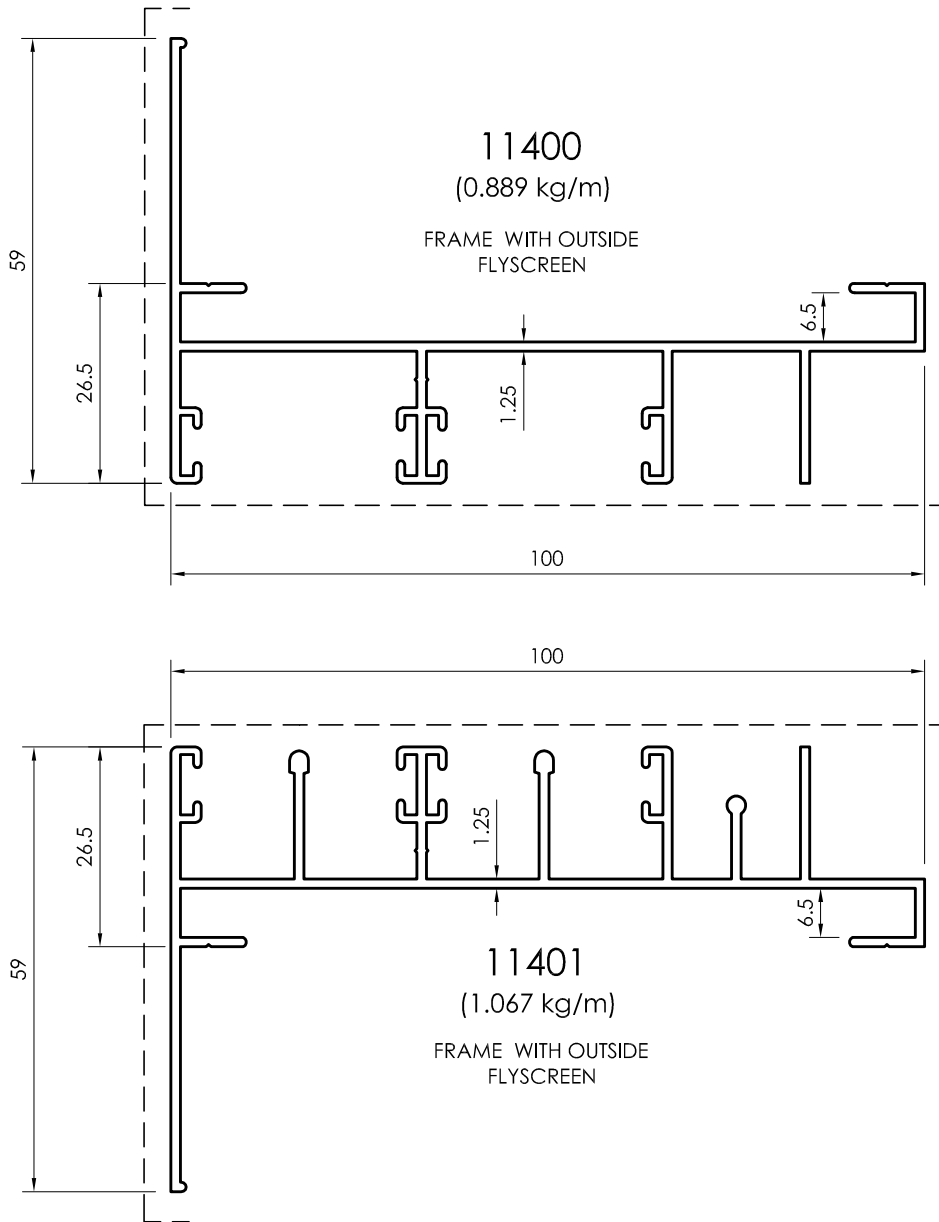
12034
(0.414 kg/m)



12095
(0.565 kg/m)

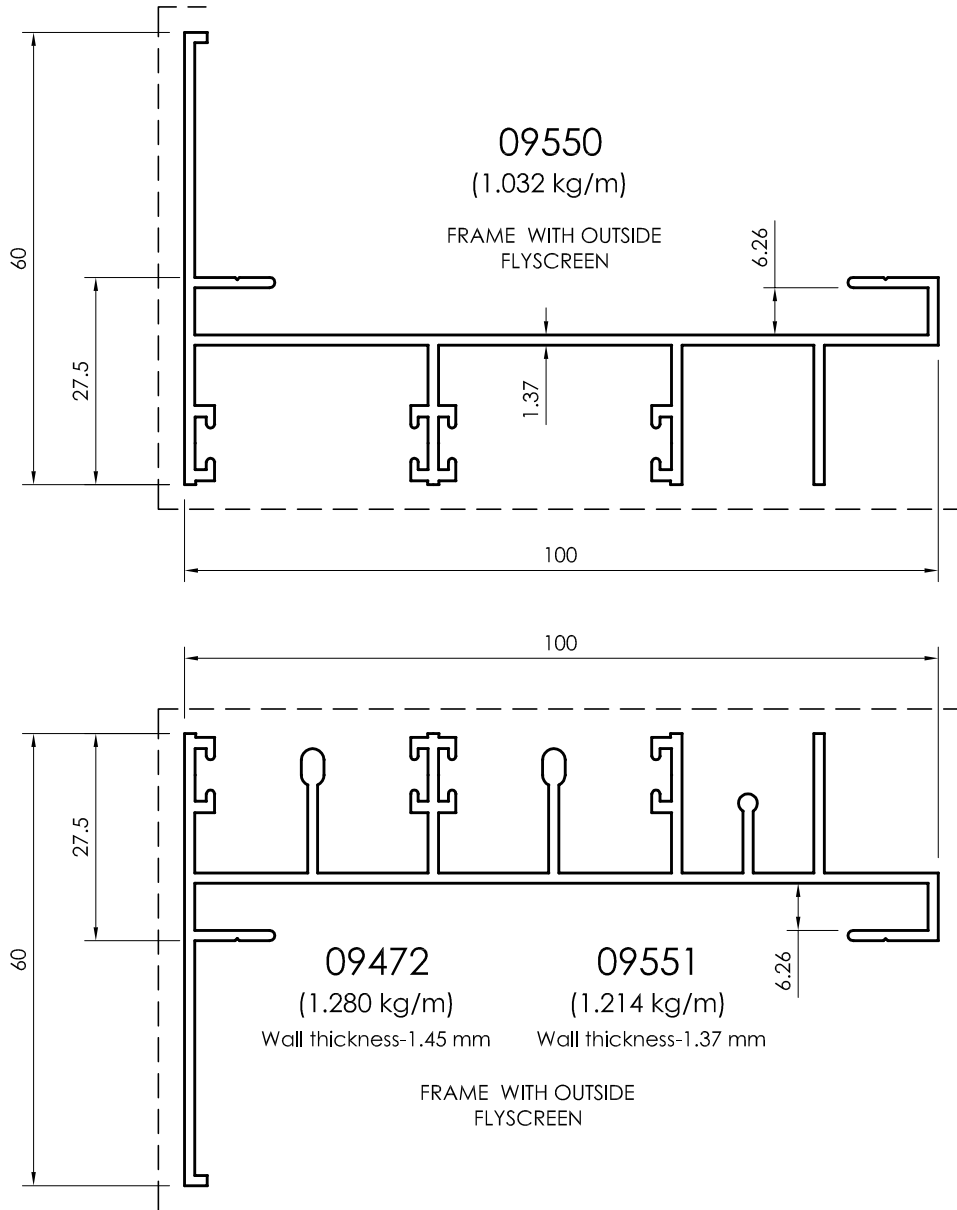
All dimensions in mm
Visible area_-----

Frame Profiles



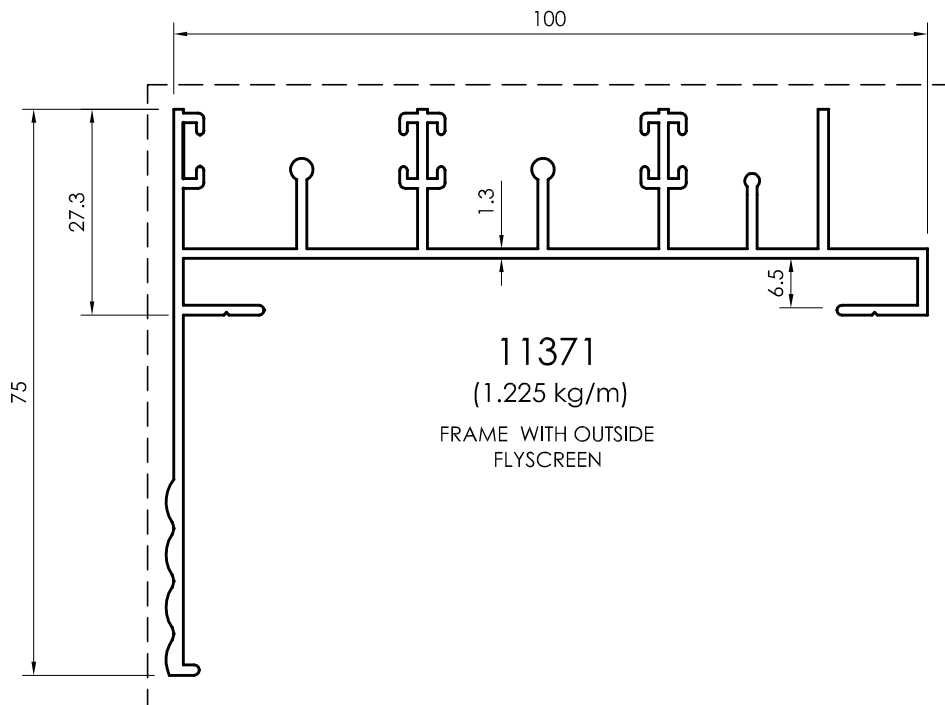
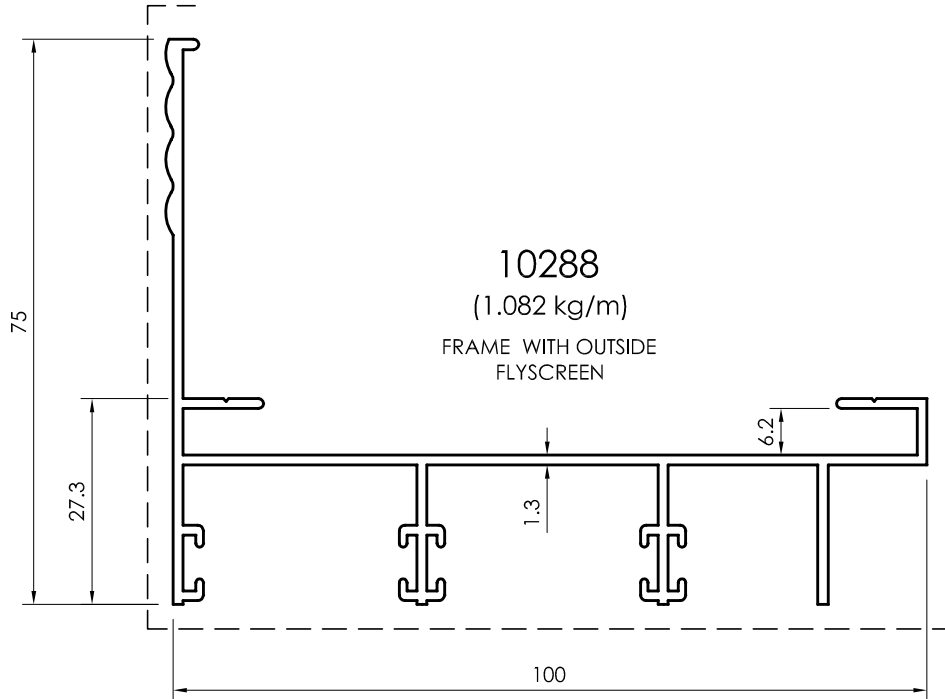
All dimensions in mm
----- Visible area

Frame Profiles
For Single Glass



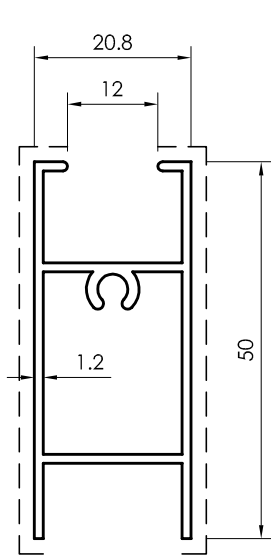
All dimensions in mm
Visible area_____

Frame Profiles

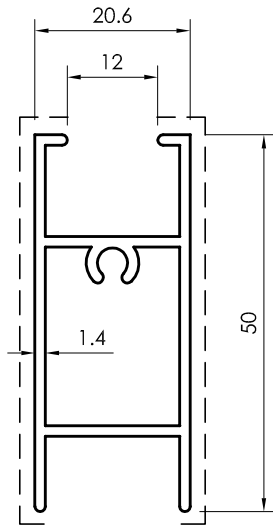


All dimensions in mm
----- Visible area

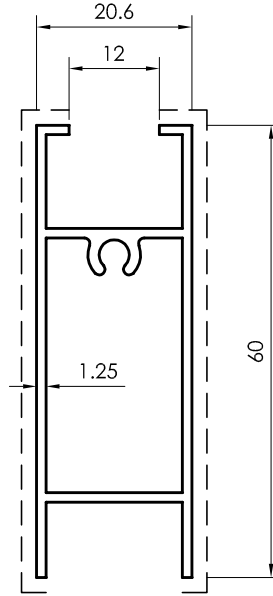
Sash Profiles
For Single Glass



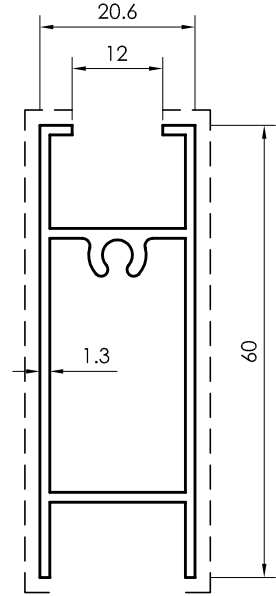
12497
(0.509 kg/m)



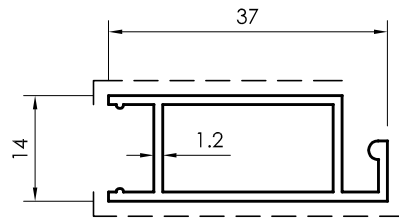
12239
(0.592 kg/m)



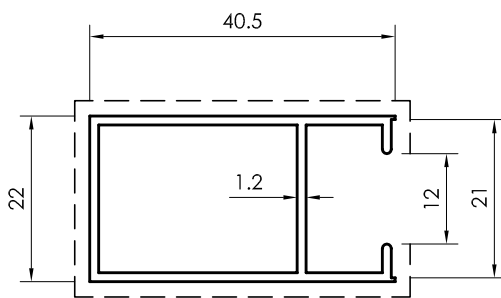
12294
(0.615 kg/m)



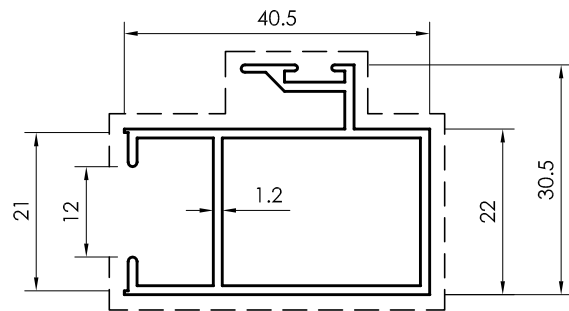
12237
(0.625 kg/m)



12498
(0.327 kg/m)



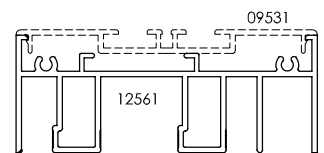
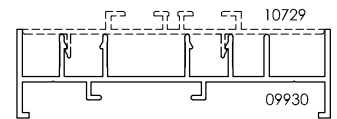
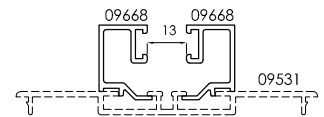
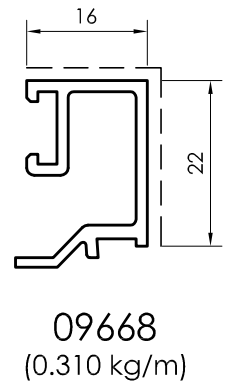
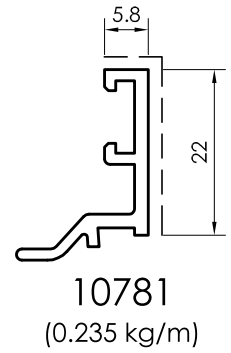
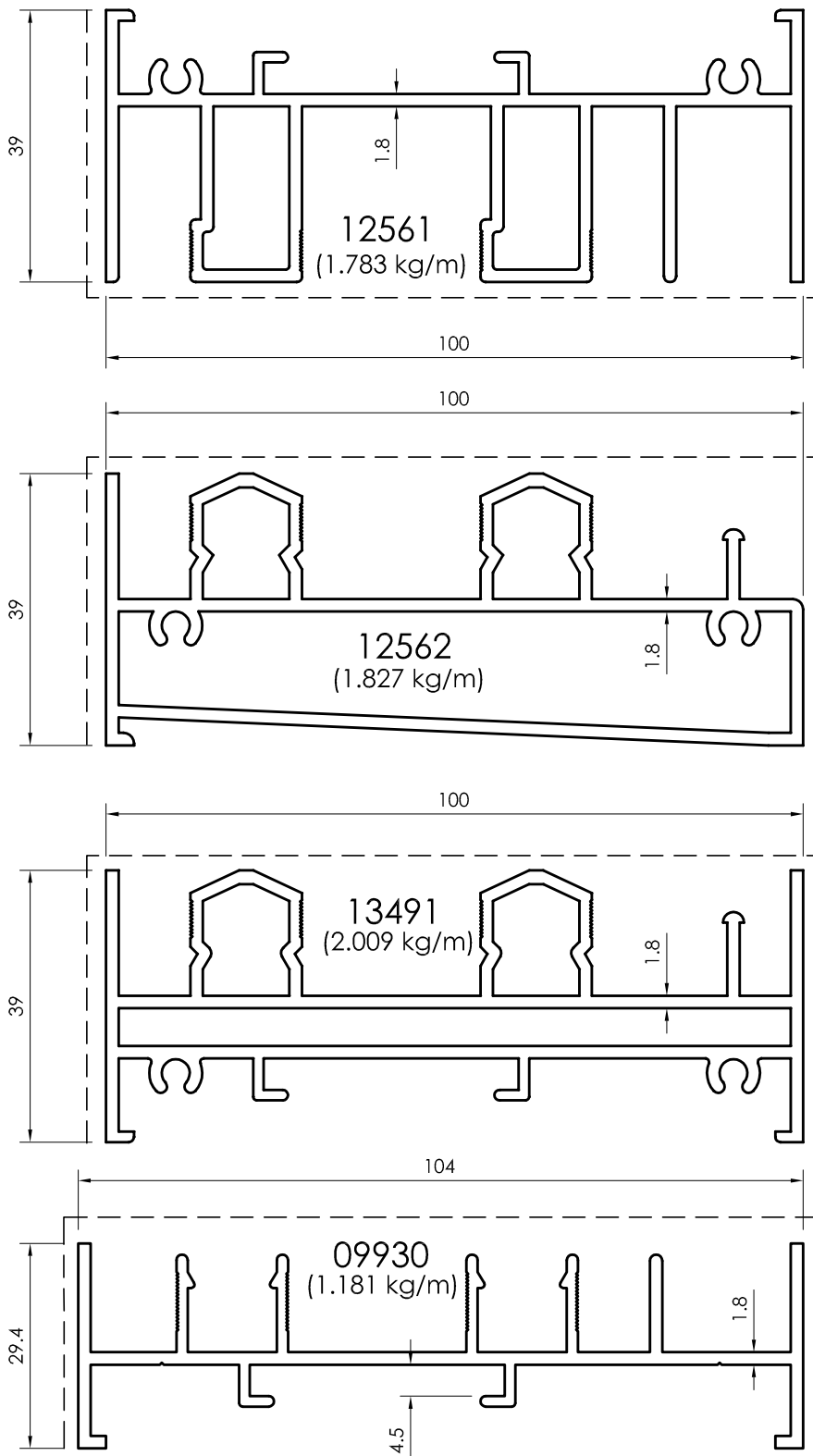
12495
(0.412 kg/m)



12496
(0.498 kg/m)

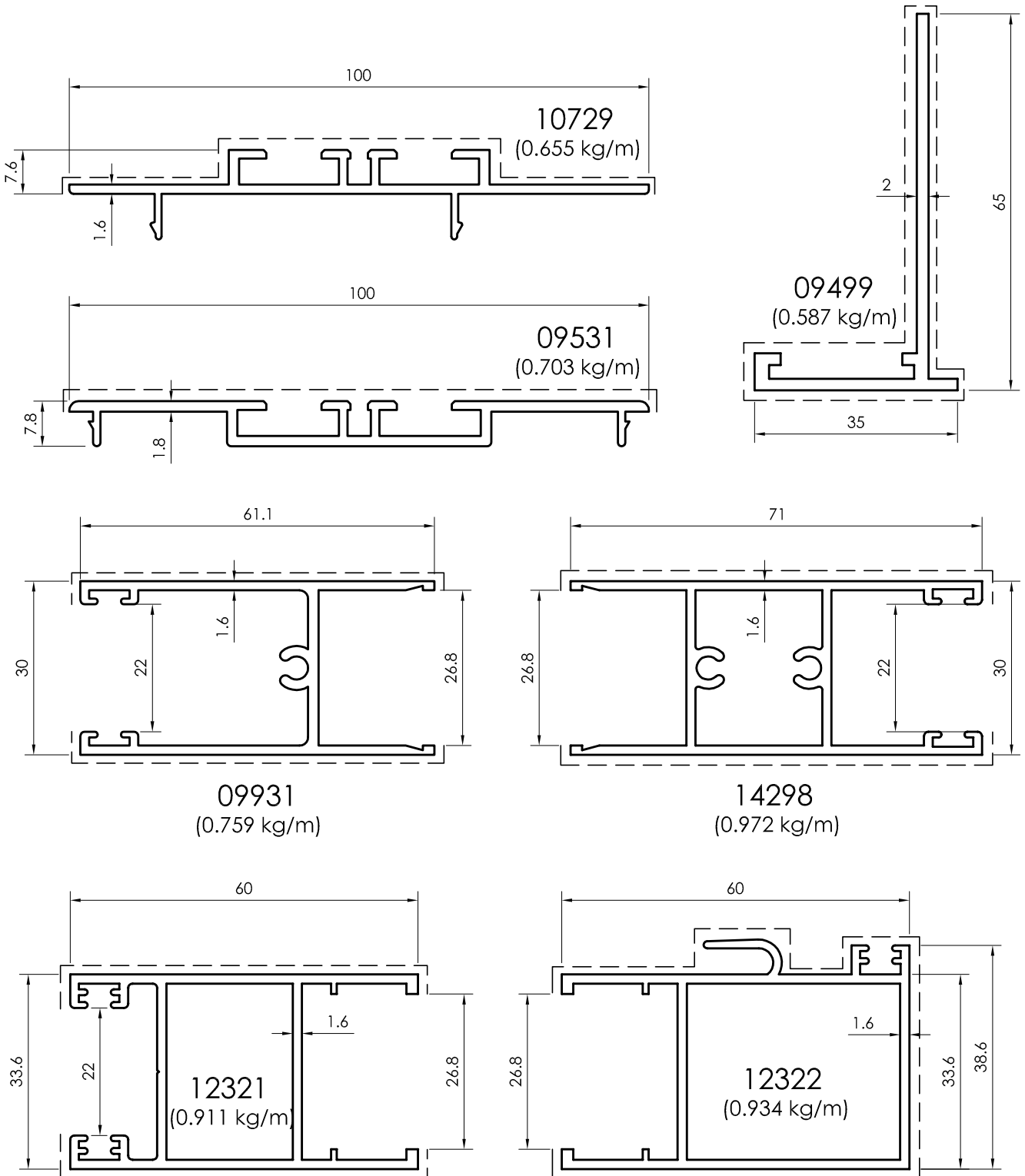
All dimensions in mm
Visible area_____

Sliding Window - 100 / 104mm



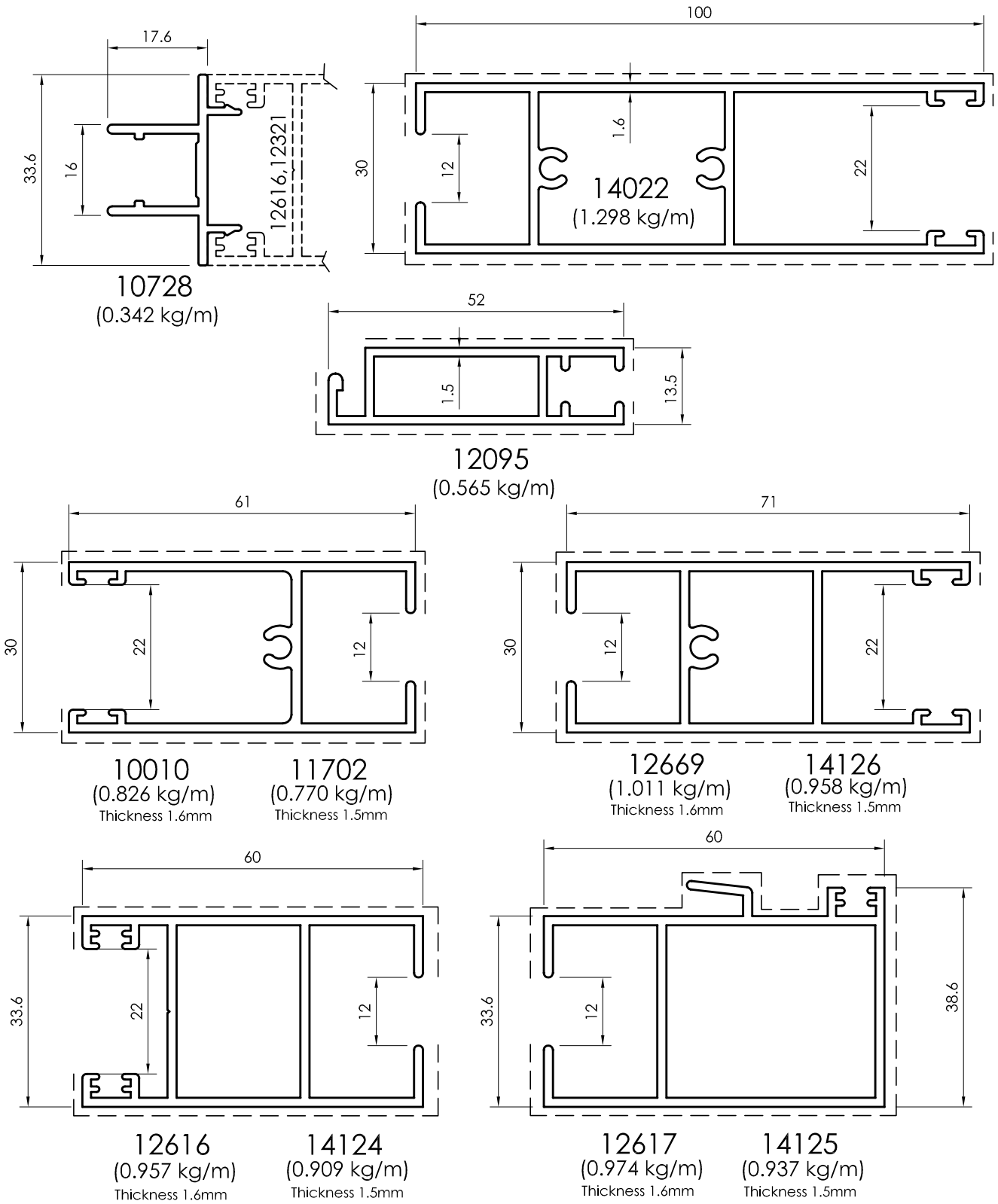
All dimensions in mm
----- Visible area

Sliding Window - 100 / 104mm



All dimensions in mm
Visible area_____

Sliding Window - 100 / 104mm

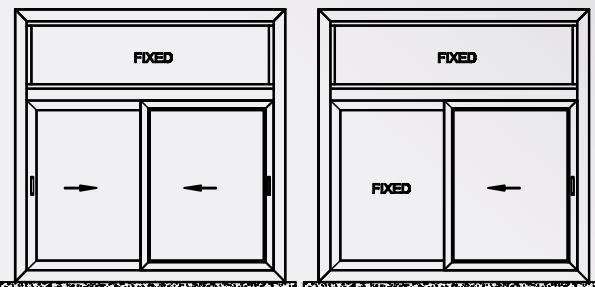
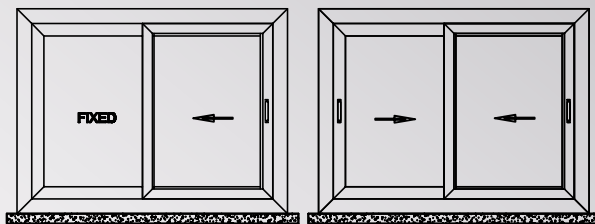


All dimensions in mm
----- Visible area

SLIDING UWS1 -102mm

- Features Glass - 24mm
- Alloys - 6063 / 6060 / 6061 / 6082
- System Performance:
- Sliding 102mm has been tested at Al-Futtaim Exova

Air Infiltration	ASTM E283-04
Water Penetration	ASTM E331-00 (Static)
Uniform Load Deflection	ASTM E330-02 (Serviceability)
Uniform Load Structural	ASTM E330-02 (Safety)
- Frame 102mm
- Sash: 35mm
- Fly screen can be used from inside & Outside
- EPDM Gaskets
- Assembly of the Frame cut 45° and of the Sash cut 45°
- Finishes:
 - Powder Coates
 - Anodizing
 - According to Shades available in Gulf Extrusions



102mm Gulfex Series is a design concept to combine esthetics and performance. Full solution package is supported to fulfill the requirements to cover the market needs. All profiles are available in all colors in order to meet today's modern architectural requirements. For better performance of the system, alignment cleats for the frame and shutter are used. Specially designed EPDM Gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as rollers and handles come as part of the system

Sections:

The sections in Gulf Extrusions line are produced by extruding aluminum on a wide range of presses starting with 800 tons to 4400 tons press. They are made of aluminum alloy 6060, 6063, 6082 and 6005 according to British Standard Specification for extrusion Dimension Tolerances BS EN 755-9:2008 and BS EN 12020-2:2008.

Frame:

Tubular with a width of 102mm, a wide range of frames are available to suit most of the required applications in the building codes.

Fly screen:

Rail is embedded in the frames. It is made of internal and external fly screen depending on the project requirements.

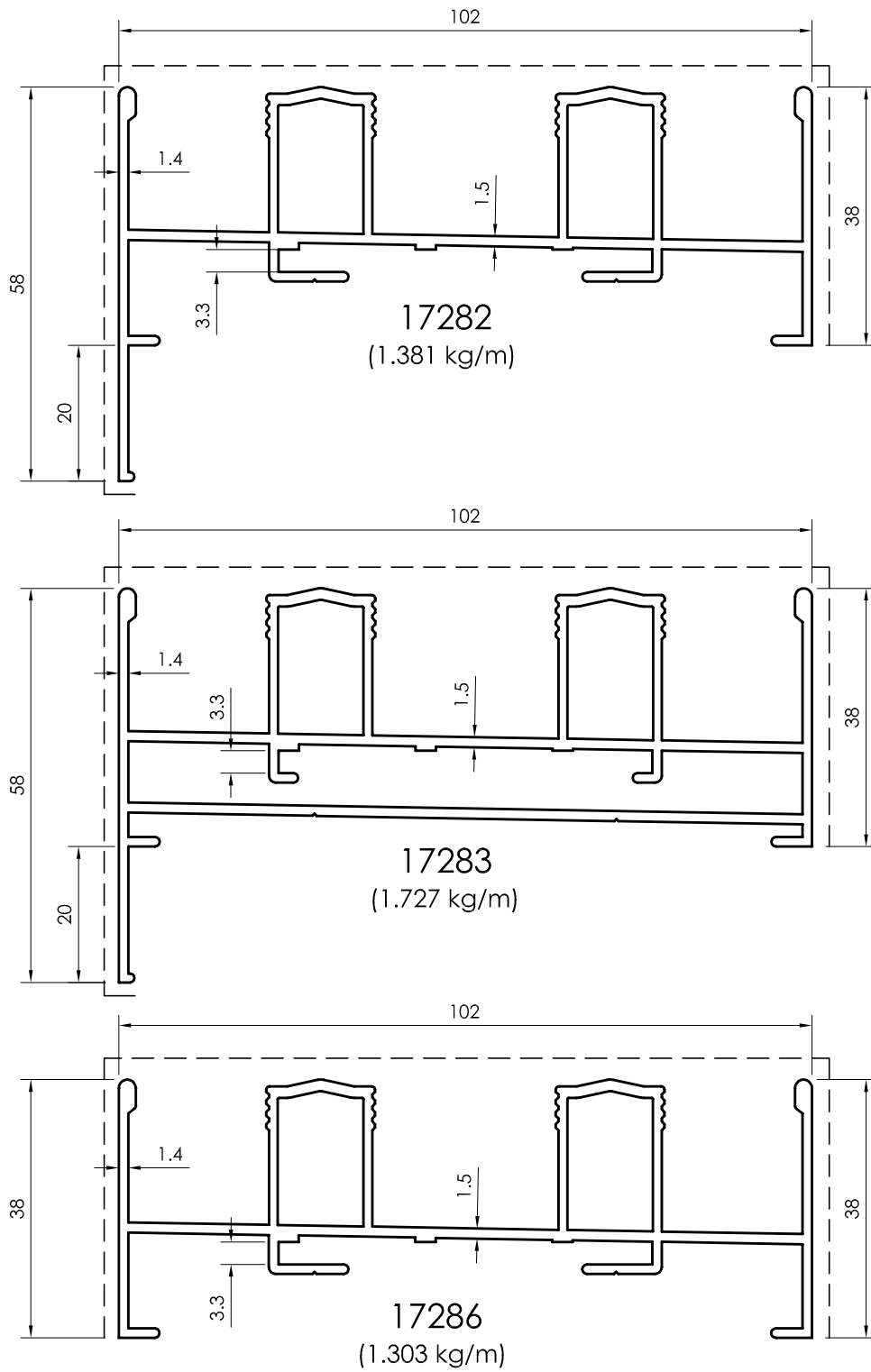
Sash:

Tubular straight, elegant and stylish. A wide range is available to cover all the needed applications and glass thickness.

Assembly:

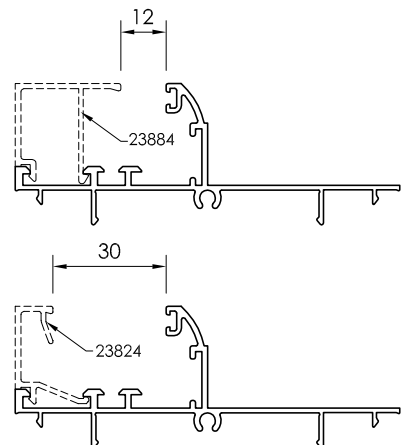
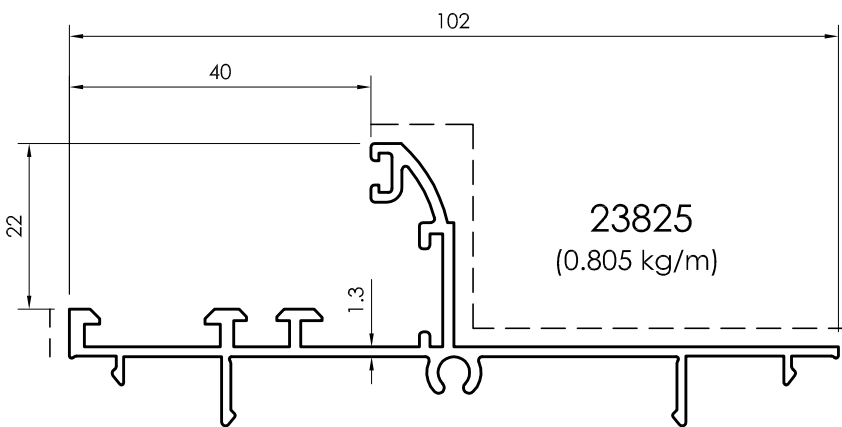
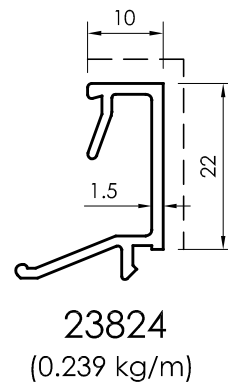
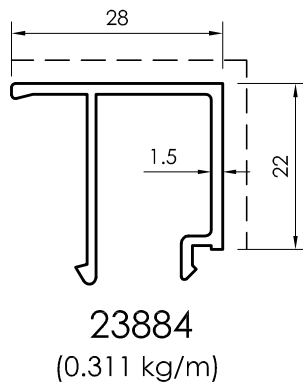
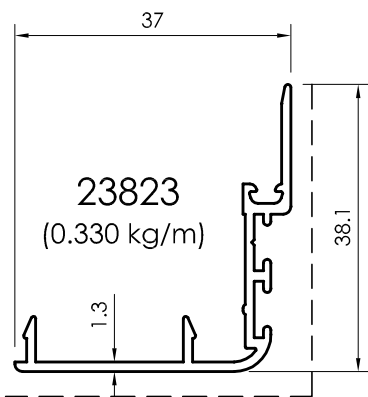
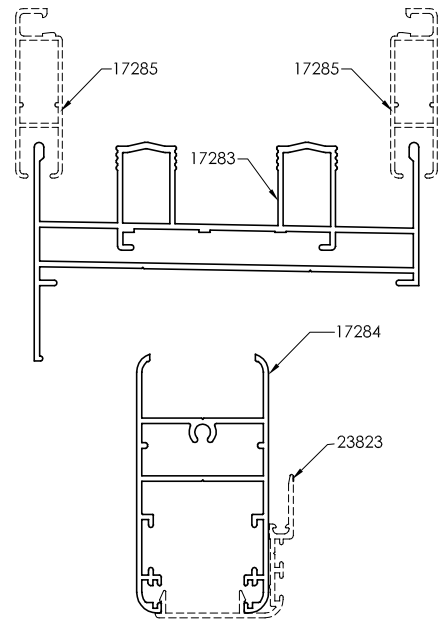
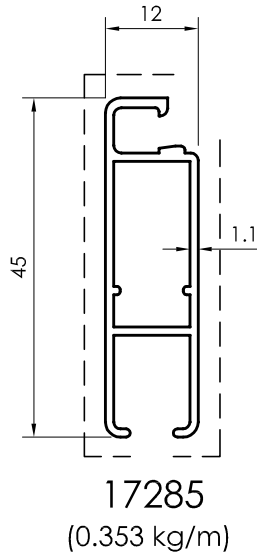
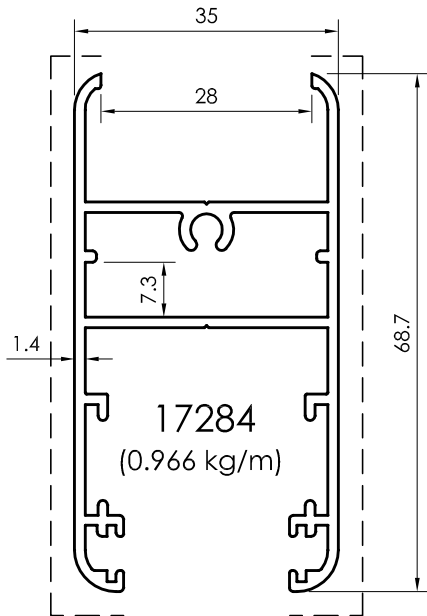
Assembly of the frames is done by 45° cut whereas the sashes are custom 45° cut.

Sliding Window - 102mm
Fly Screen Inside / Outside



All dimensions in mm
----- Visible area

Sliding Window - 102mm
Fly Screen Inside / Outside



All dimensions in mm
Visible area_____

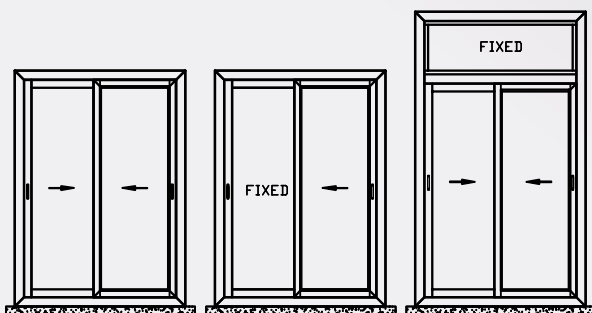
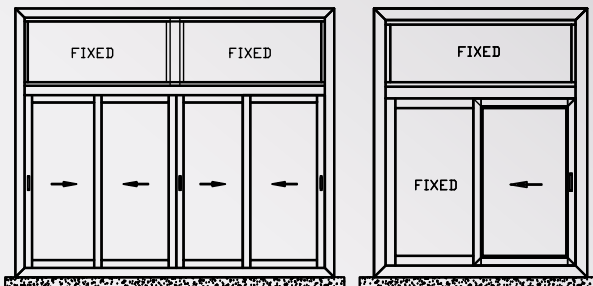
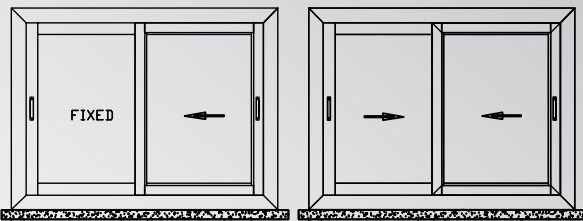
SLIDING 105-125MM

- Features Glass - 6mm to 24mm
- Alloys - 6063 / 6060/ 6061 / 6082
- System Performance:
- Sliding 105mm has been tested at Al-Futtaim Exova

Air Infiltration	ASTM E283-04
Water Penetration	ASTM E331-00 (Static)
Wind Resistance	ASTM E330-02 (Serviceability)
Wind Resistance	ASTM E330-02 (Safety)
Performance grade	ANSI/AAMA/NWWDA(101/I.S.2.97)
- Frame 105mm & 125mm
- Sash: 28.6mm to 35mm
- Fly screen can be used from inside & Outside
- EPDM Gaskets
- 105mm Frame available with or without umbrella
- Assembly of the Frame cut 45° and of the Sash cut 45° & 90°
- Finishes:
 - Powder Coates
 - Anodizing
 - According to Shades available in Gulf Extrusions



Sliding 105 mm GulfEx Series is a design concept to combine esthetics and performance. Full solution package is supported to fulfill the requirements to cover the needed applications. According to the American National Standard It is designed for heavy duty use.. The results have been impressive. All profiles are available in all colors in order to meet today's modern architectural requirements. For better performance of the system, alignment cleats for the frame and shutter are used. Specially designed EPDM Gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as rollers and handles come as part of the system.



Sections:

The sections in Gulf Extrusions line are produced by extruding aluminum on a wide range of presses starting with 800 tons to 4400 tons press. They are made of aluminum alloy 6060, 6063, 6082 and 6005 according to British Standard Specification for extrusion Dimension Tolerances BS EN 755-9:2008 and BS EN 12020-2:2008.

Frame:

Tubular with a width of 105mm, a wide range of frames are available to suit most of the required applications in the building codes. A 125mm frame is available to widen the use of the system. Fly screen rail is embedded in the frames. It is made for internal and external fly screen depending on the project requirements.

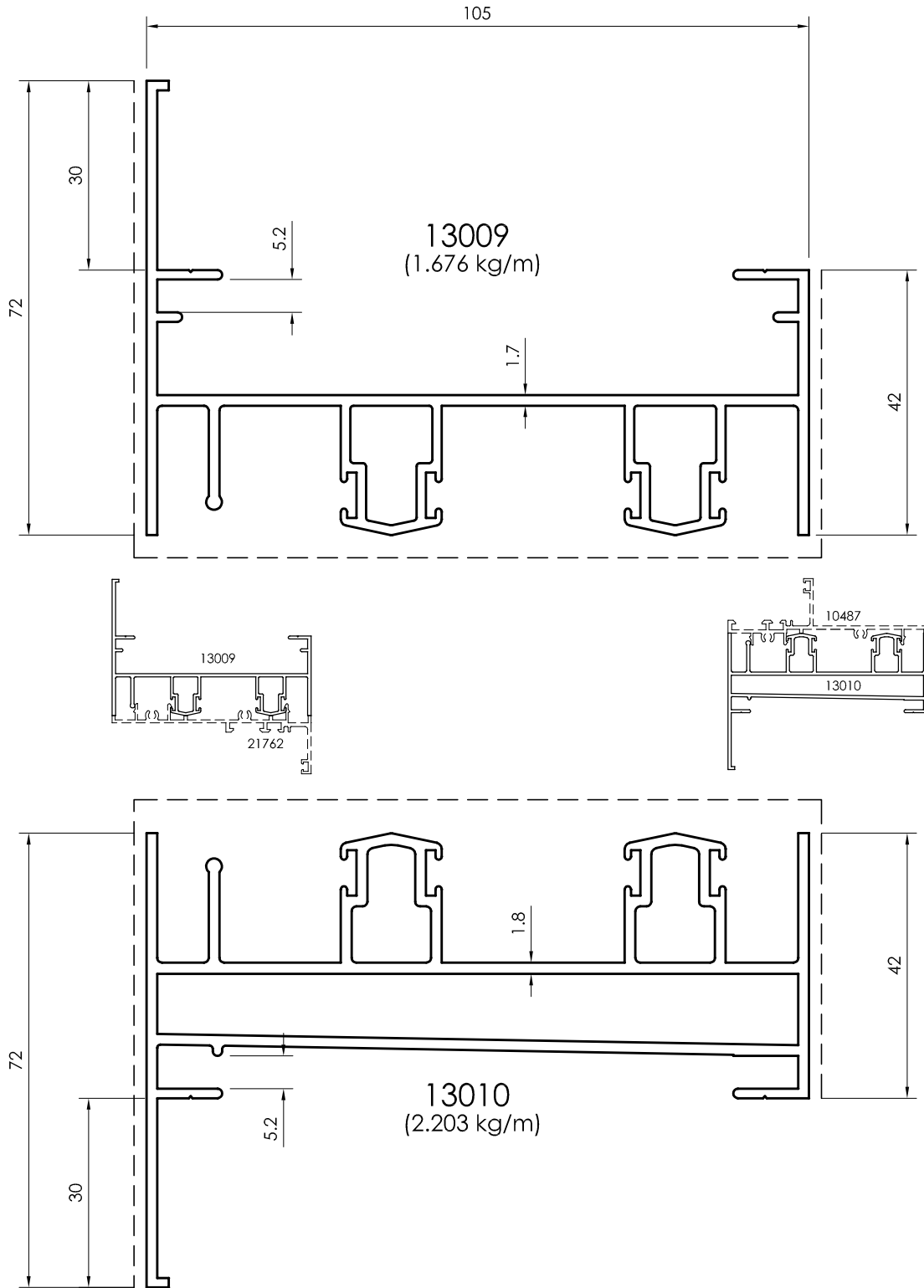
Sash:

Tubular straight, elegant and stylish. A wide range is available to cover all the needed applications and glass thickness.

Assembly:

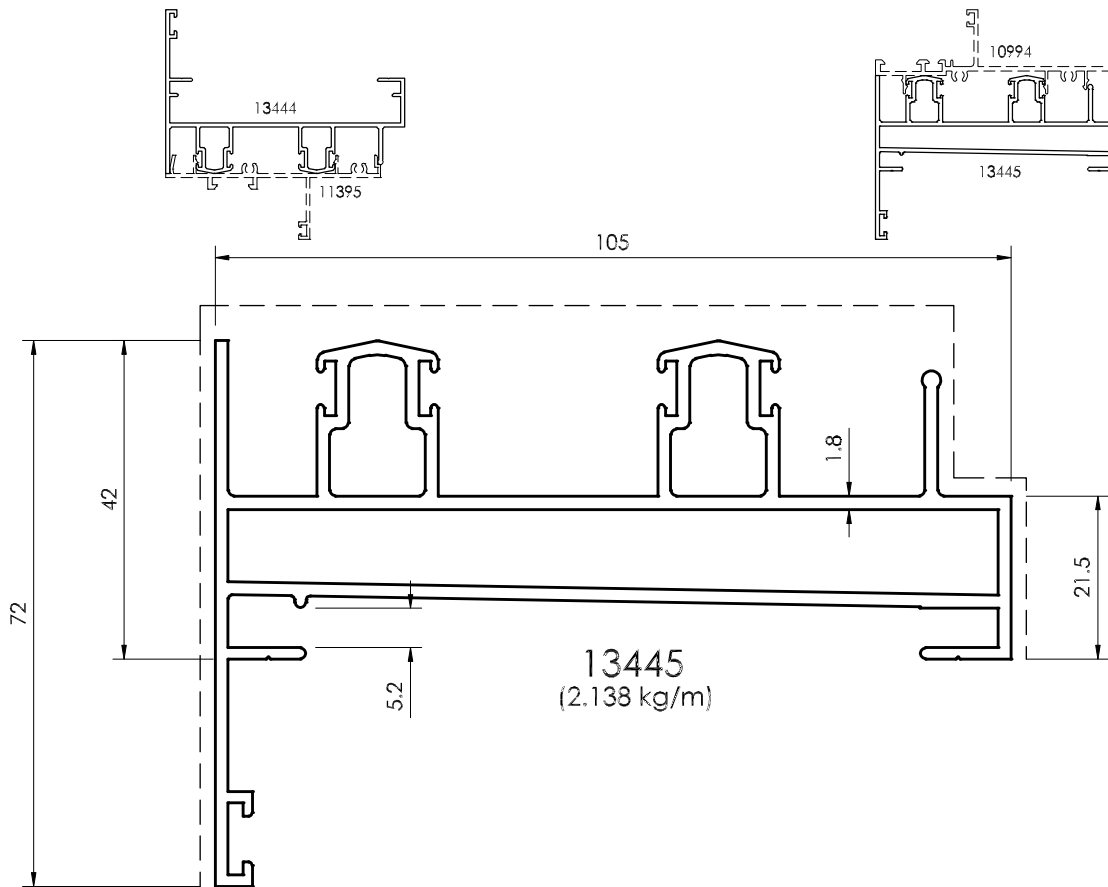
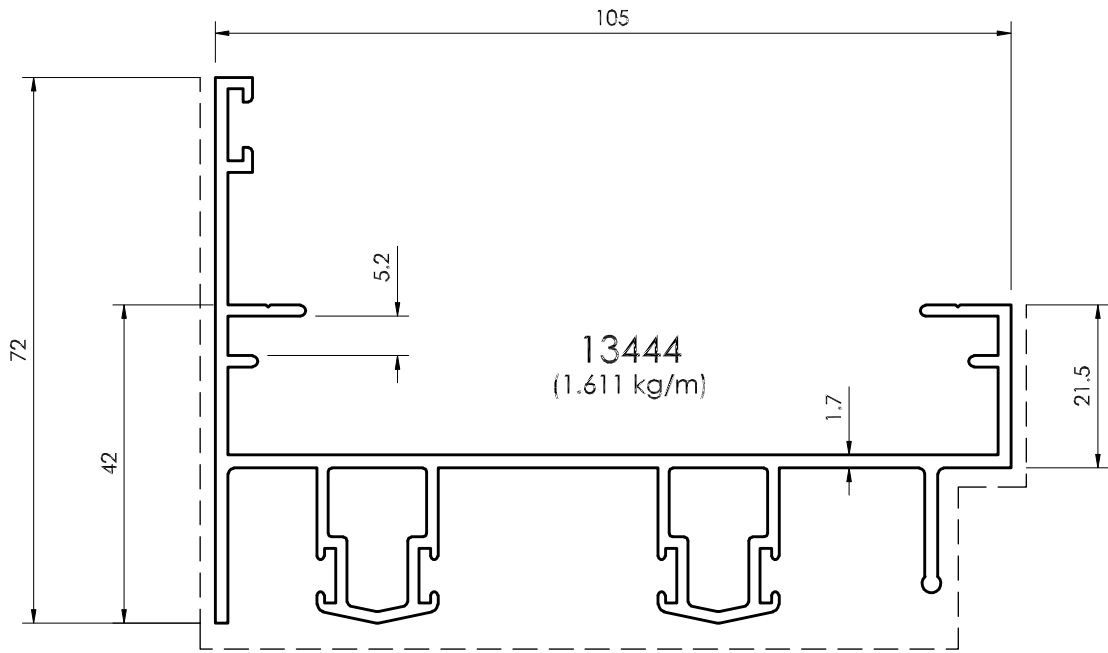
Assembly of the frames is done by 45° cut whereas the sashes are custom 90° cut.

Frame Profile - 105mm
Fly Screen Inside



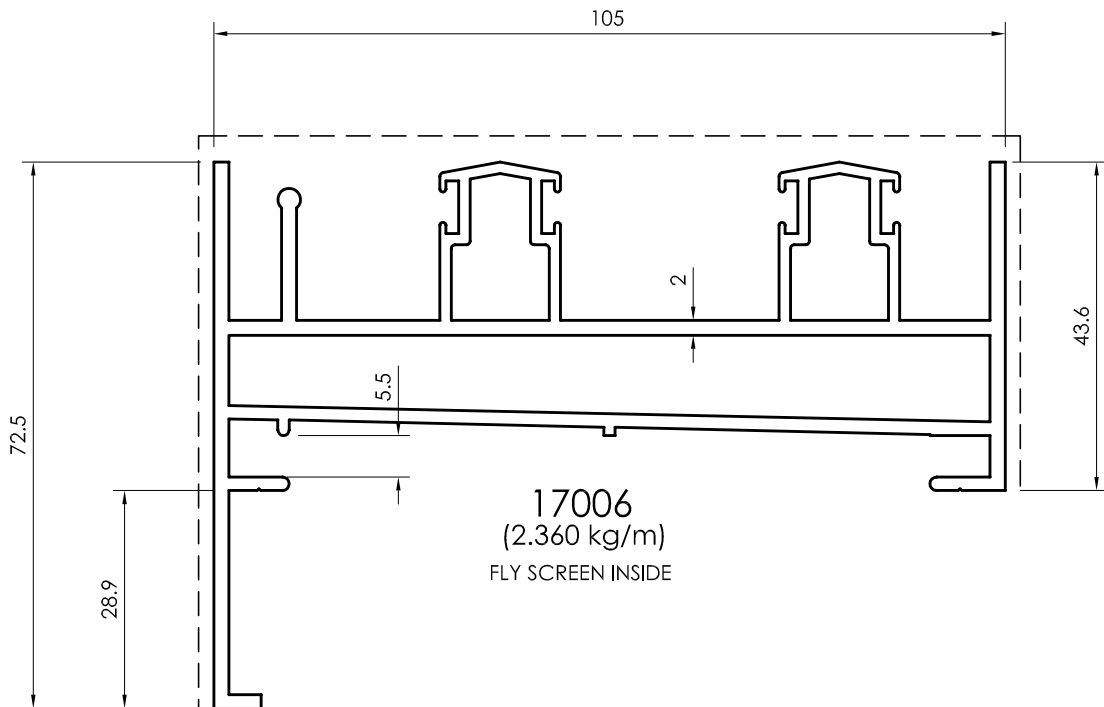
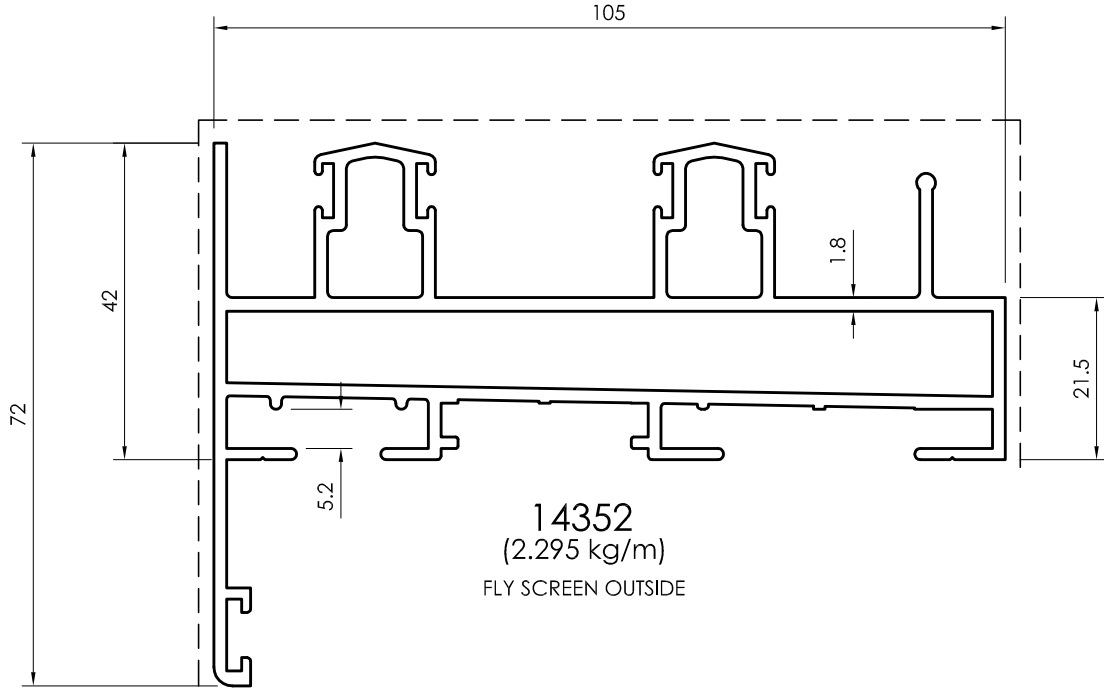
All dimensions in mm
Visible area_-----

Frame Profiles - 105mm
Fly Screen Outside



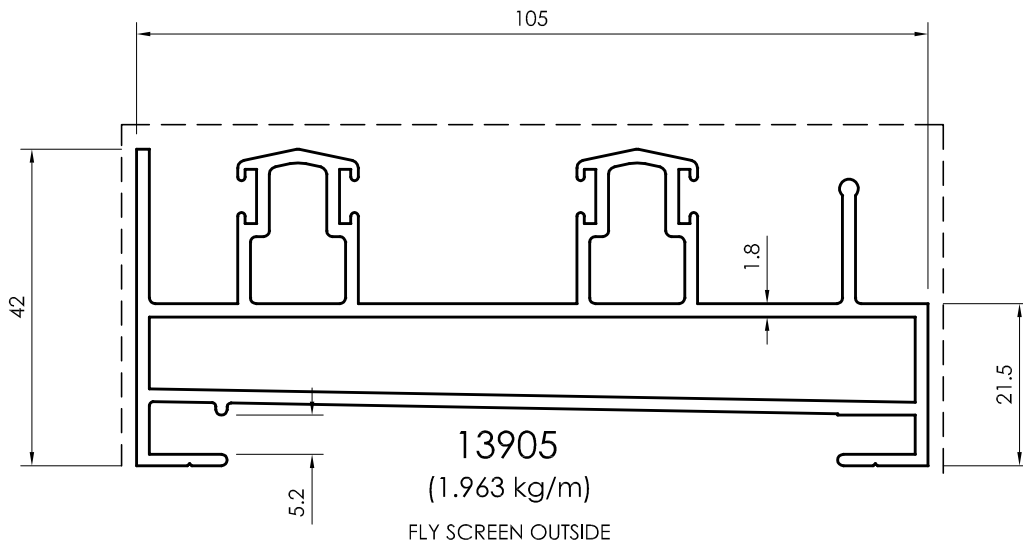
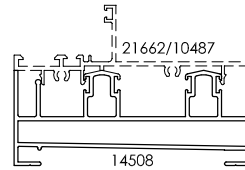
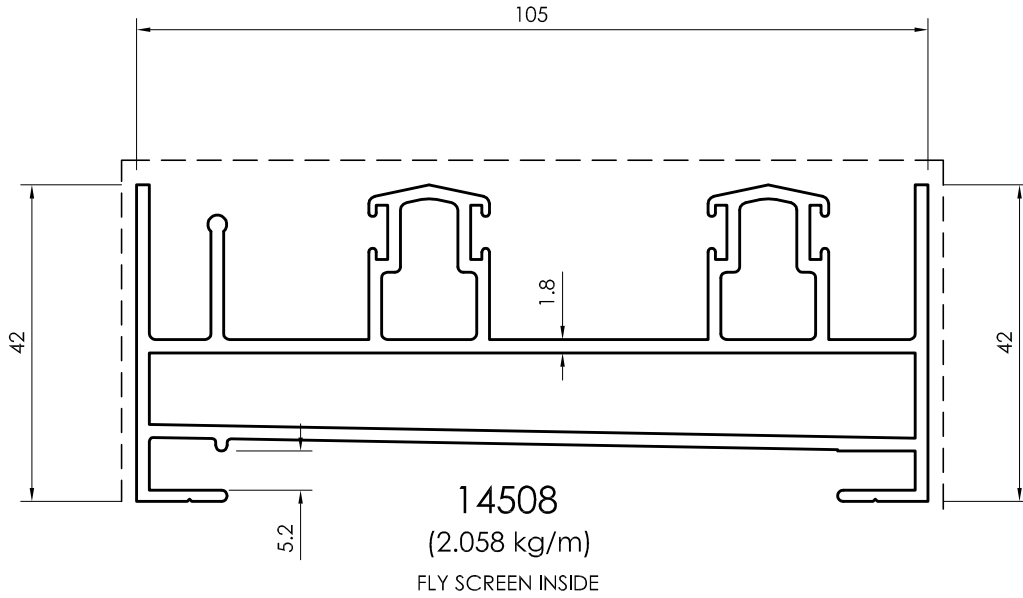
All dimensions in mm
----- Visible area

Frame Profiles - 105mm
Fly Screen In & Outside



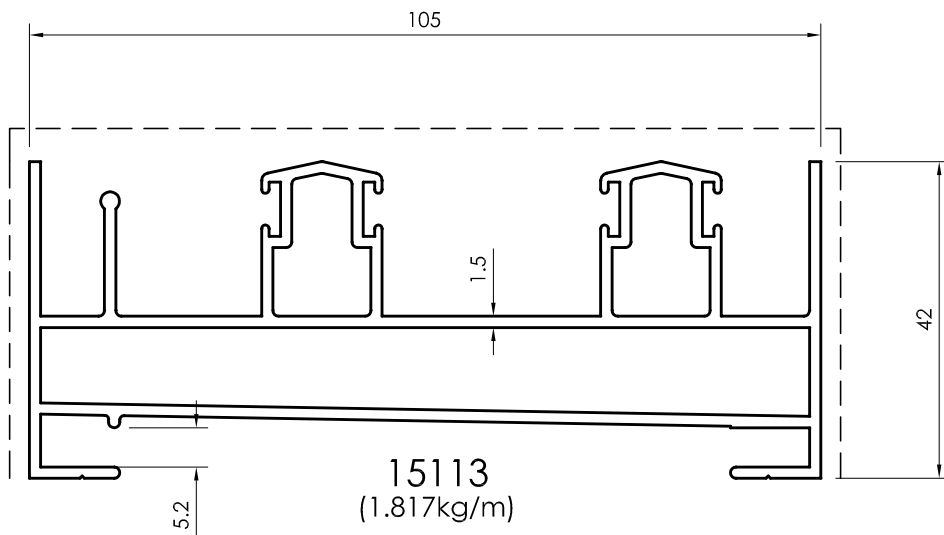
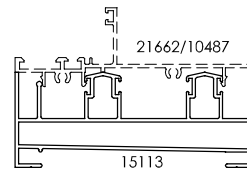
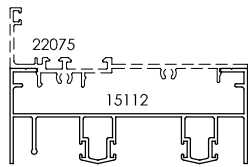
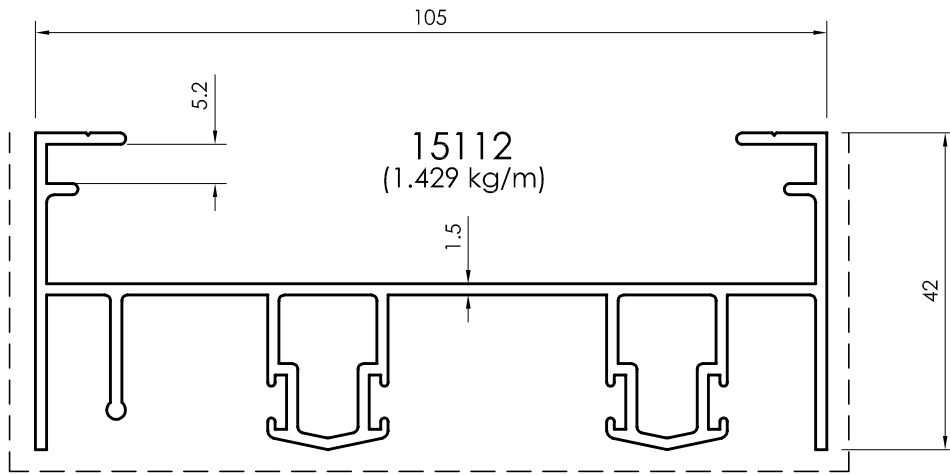
All dimensions in mm
Visible area_____

Frame Profiles - 105mm
Fly Screen In & Outside



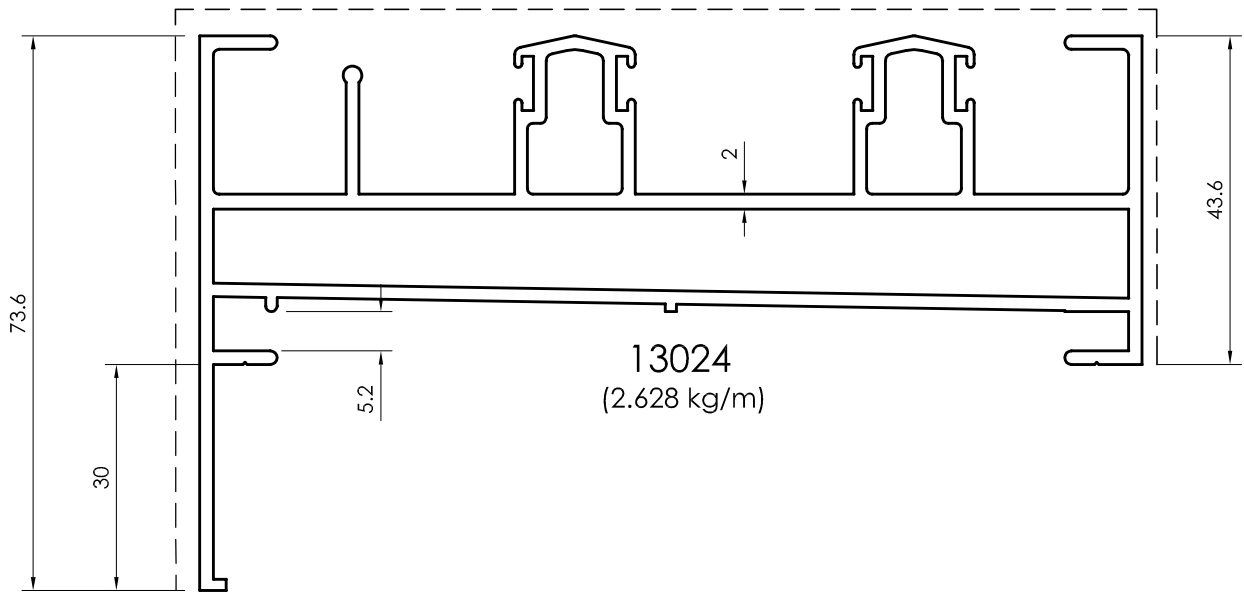
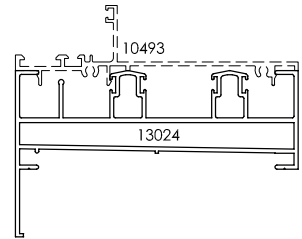
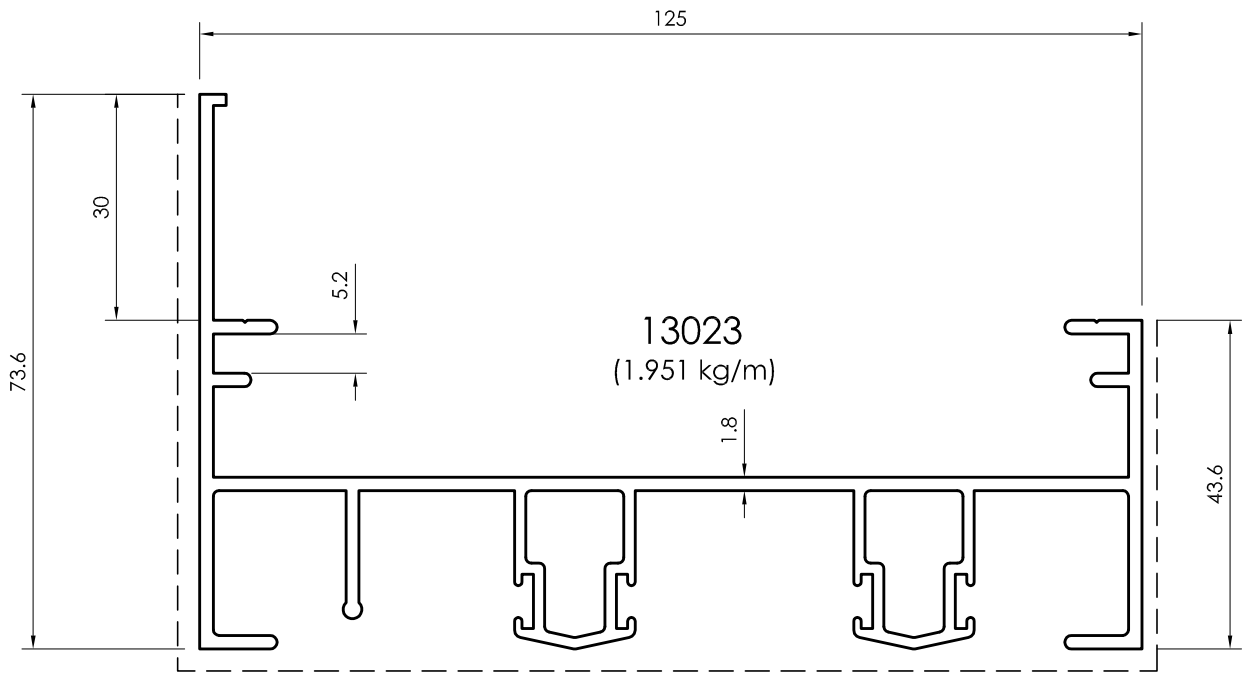
All dimensions in mm
----- Visible area

Frame Profiles - 105mm
Fly Screen Inside



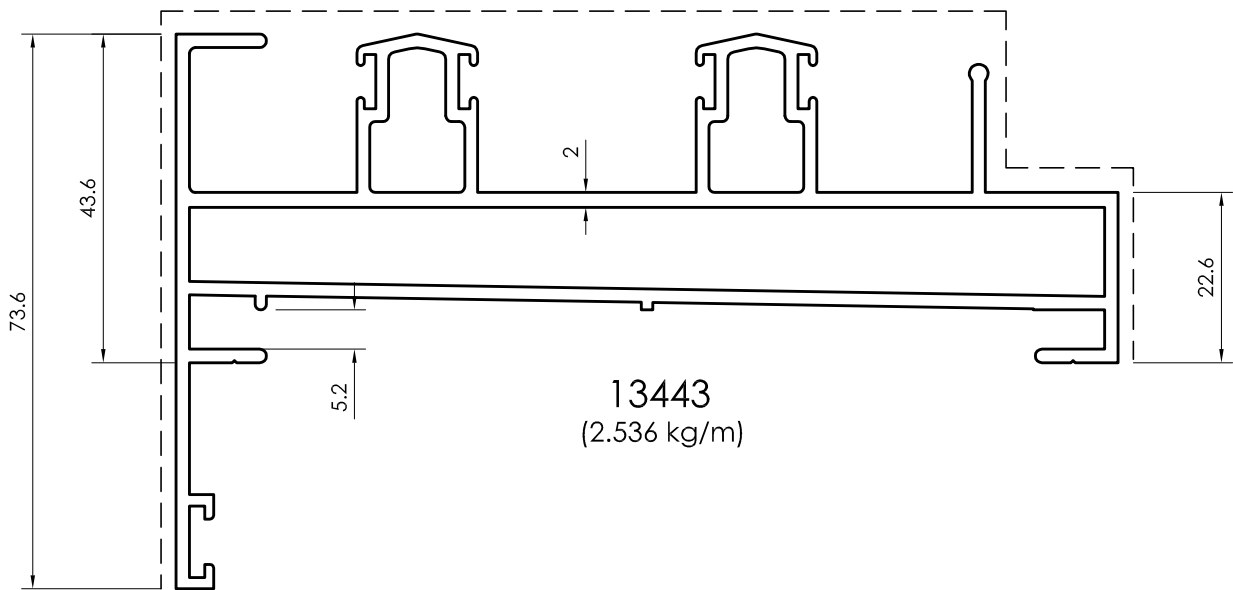
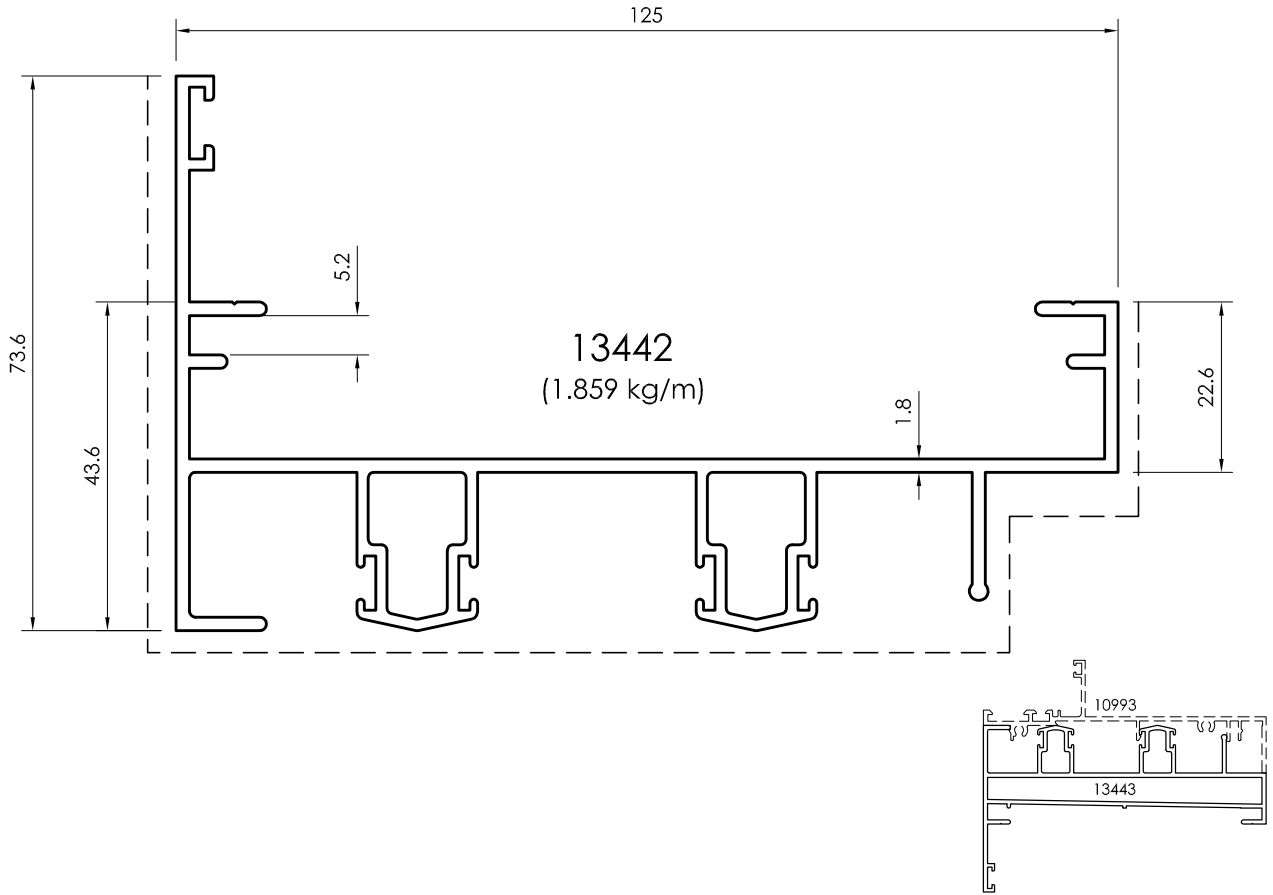
All dimensions in mm
Visible area_____

Frame Profiles - 125mm
Fly Screen Inside



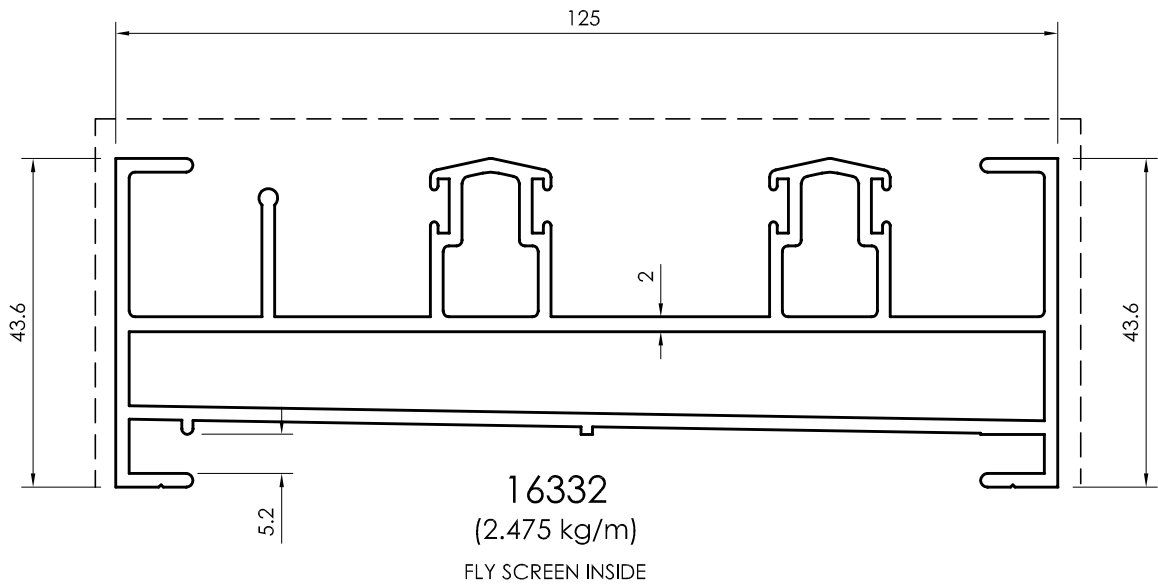
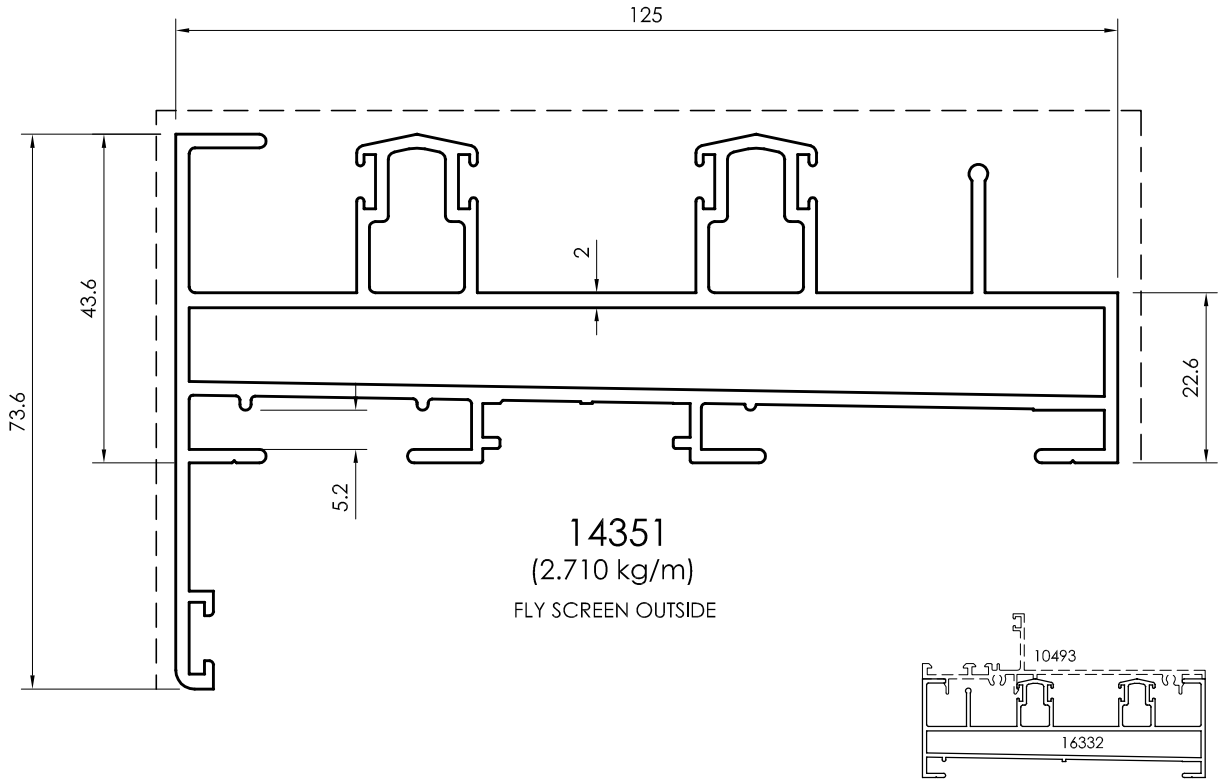
All dimensions in mm
----- Visible area

Frame Profiles - 125mm
Fly Screen Outside



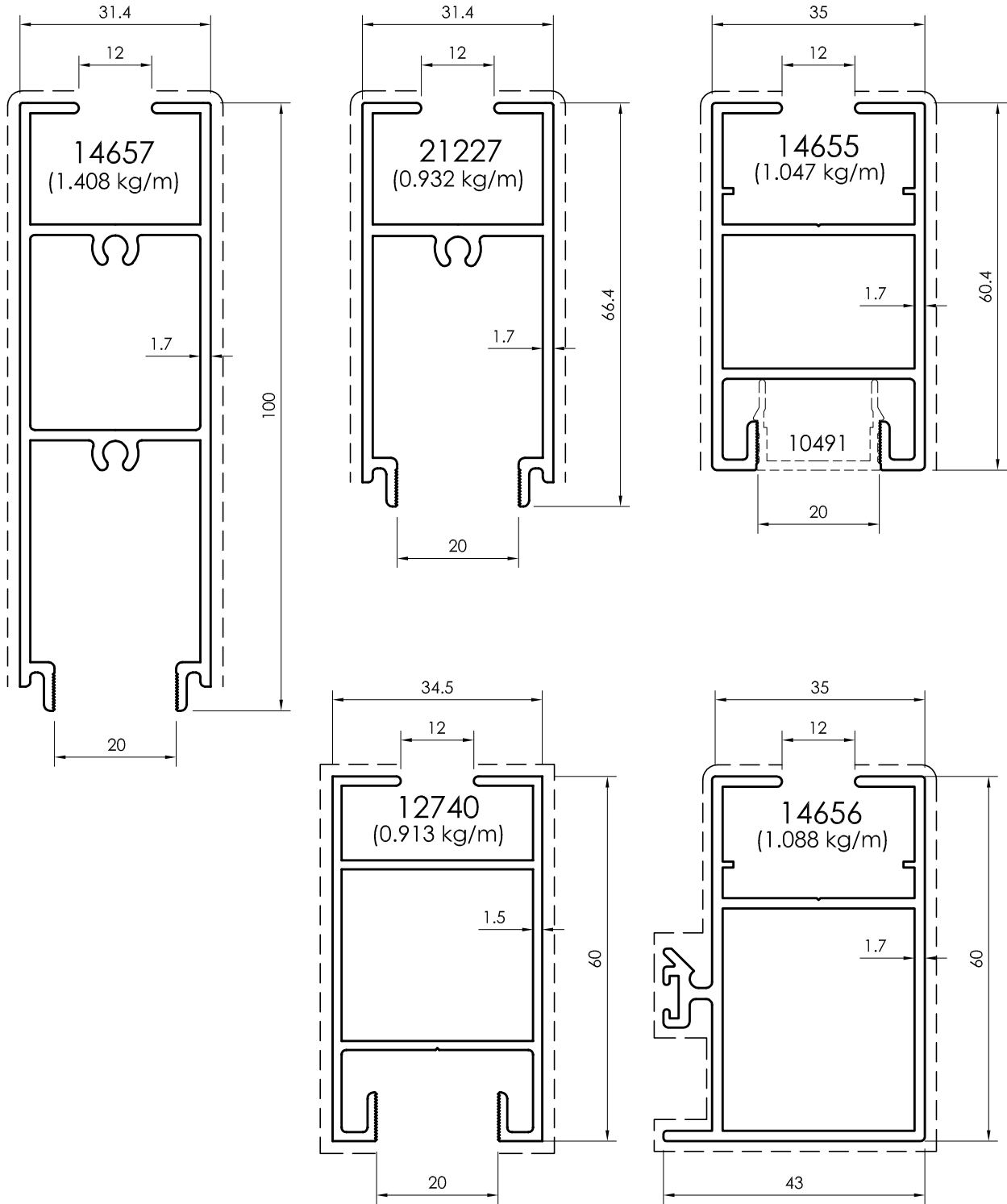
All dimensions in mm
Visible area_-----

Frame Profiles - 125mm
Fly Screen In / Outside



All dimensions in mm
----- Visible area

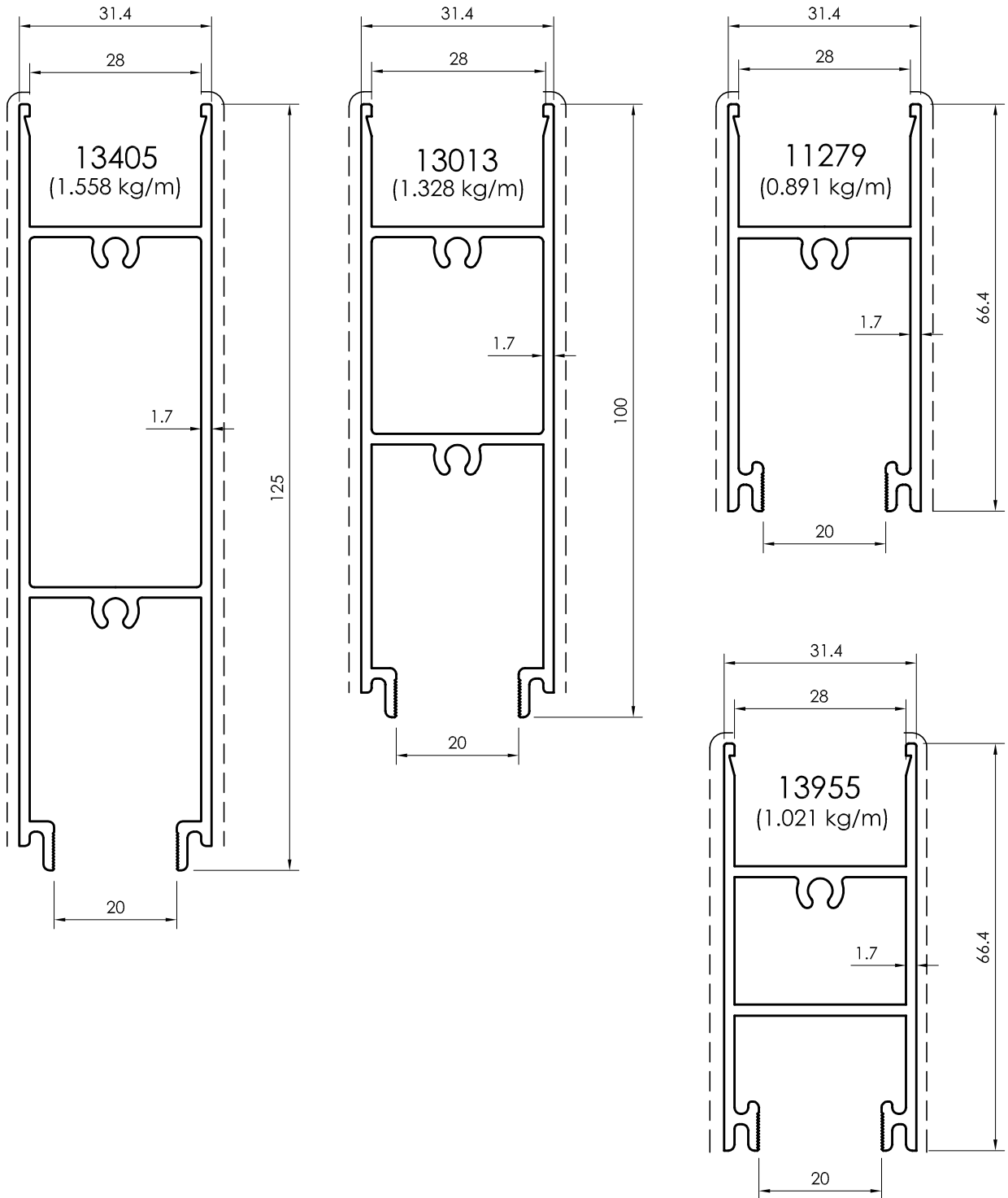
Sash / Interlock Profiles - 105 / 125mm
 (Used with Umbrellas Frame Profile)



All dimensions in mm
 Visible area_-----

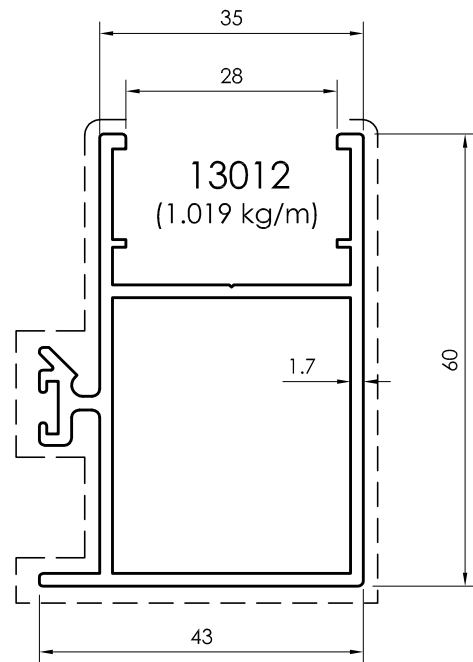
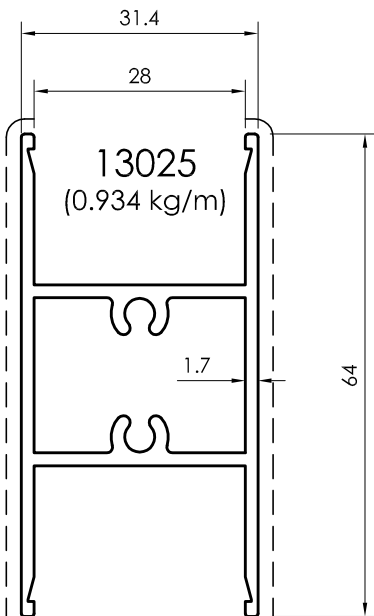
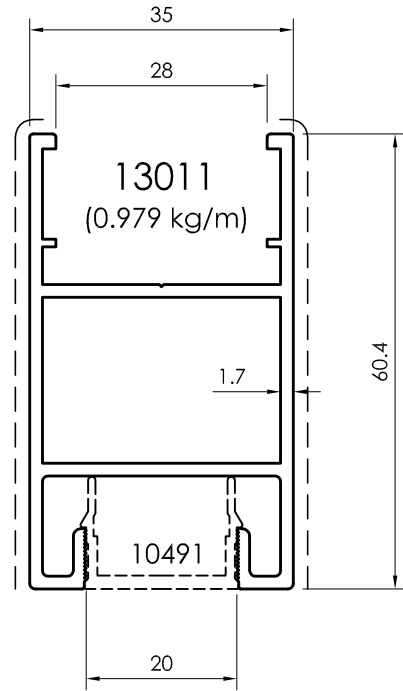
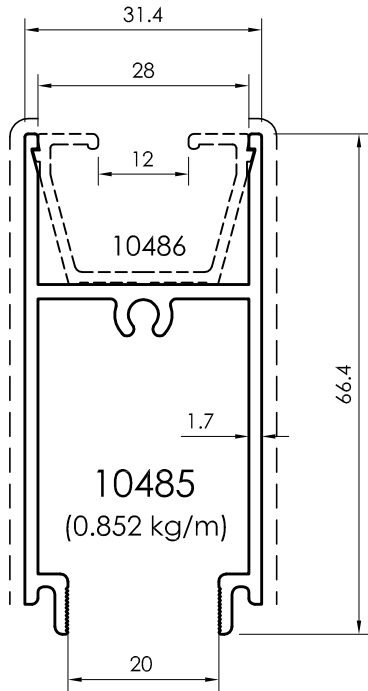
Sash Profiles - 105 / 125mm

(Used with Umbrellas Frame Profile)



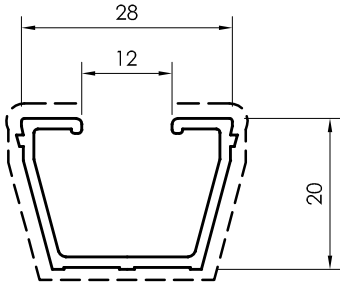
All dimensions in mm
 ----- Visible area

Sash / Interlock Profiles - 105 / 125mm
 (Used with Umbrellas Frame Profile)

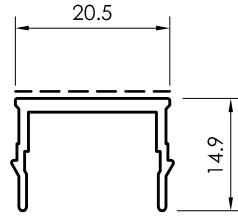


All dimensions in mm
 Visible area_-----

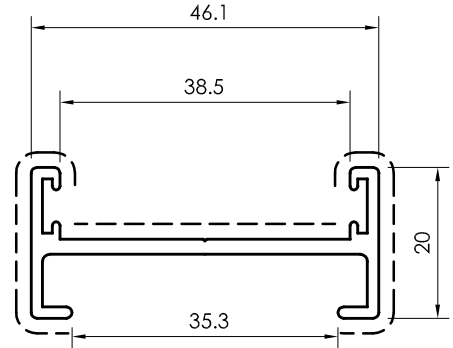
Complementary Profiles - 105 / 125mm



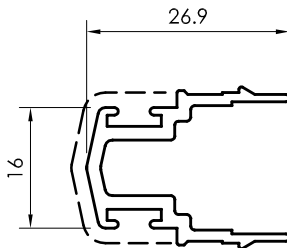
10486
(0.282 kg/m)
SASH SINGLE GLASS ADAPTOR



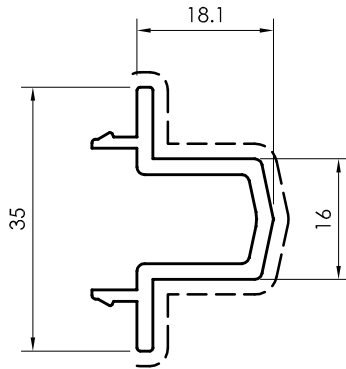
10491
(0.181 kg/m)
SASH COVER CAP



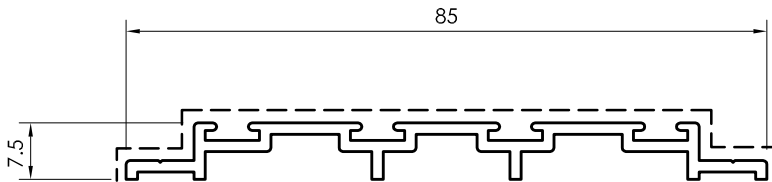
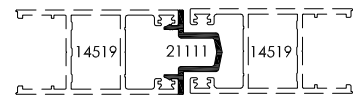
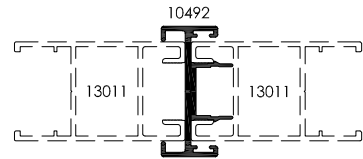
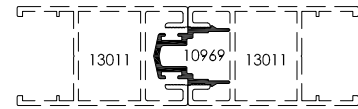
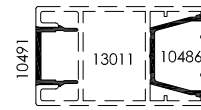
10492
(0.468 kg/m)
4 VENTS MID SECTION



10969
(0.332 kg/m)
4 VENTS MID SECTION



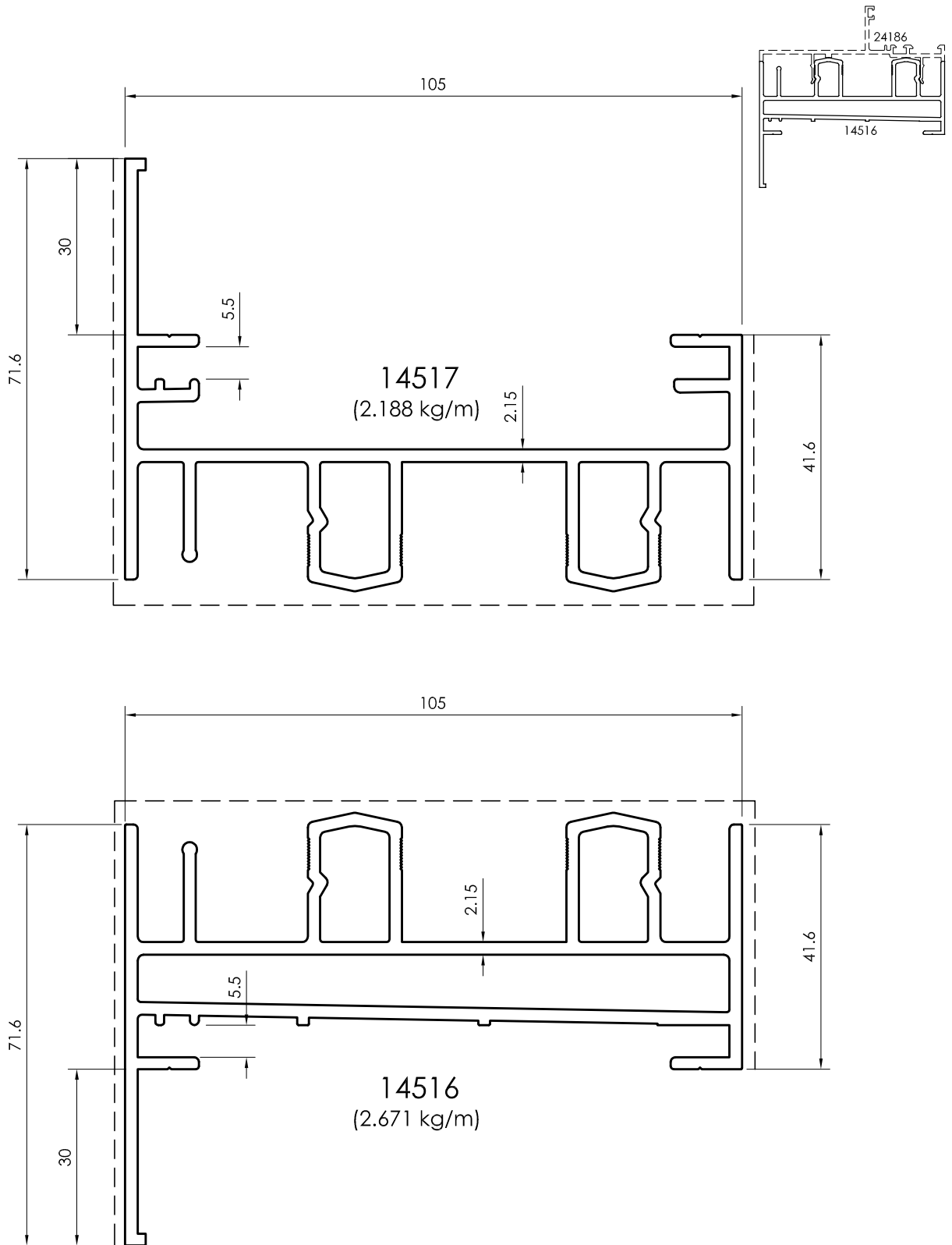
21111
(0.413 kg/m)
4 VENTS MID SECTION



10657
(0.515 kg/m)
DUST PROOF PROFILE

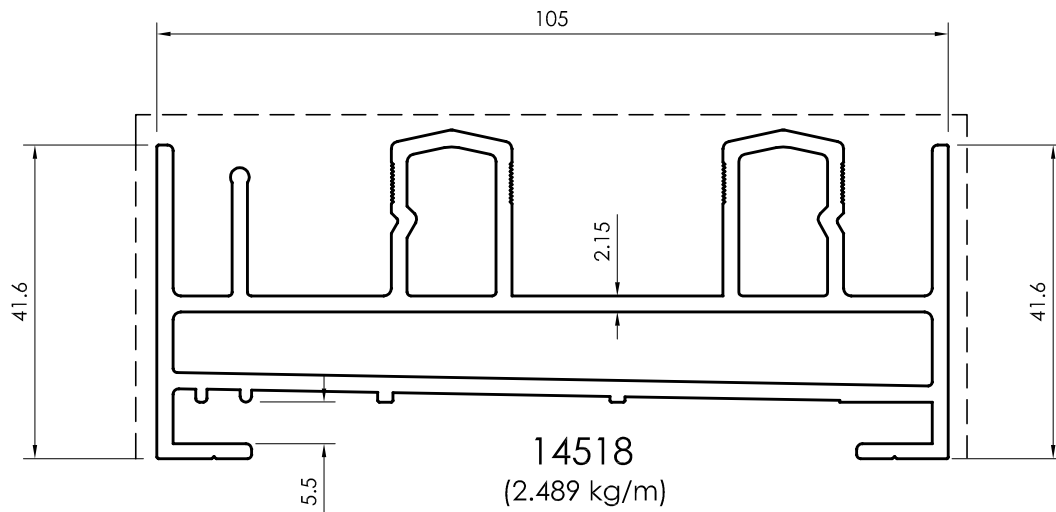
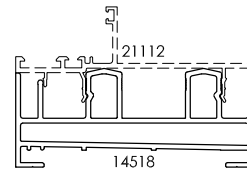
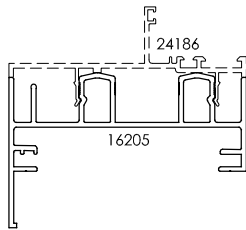
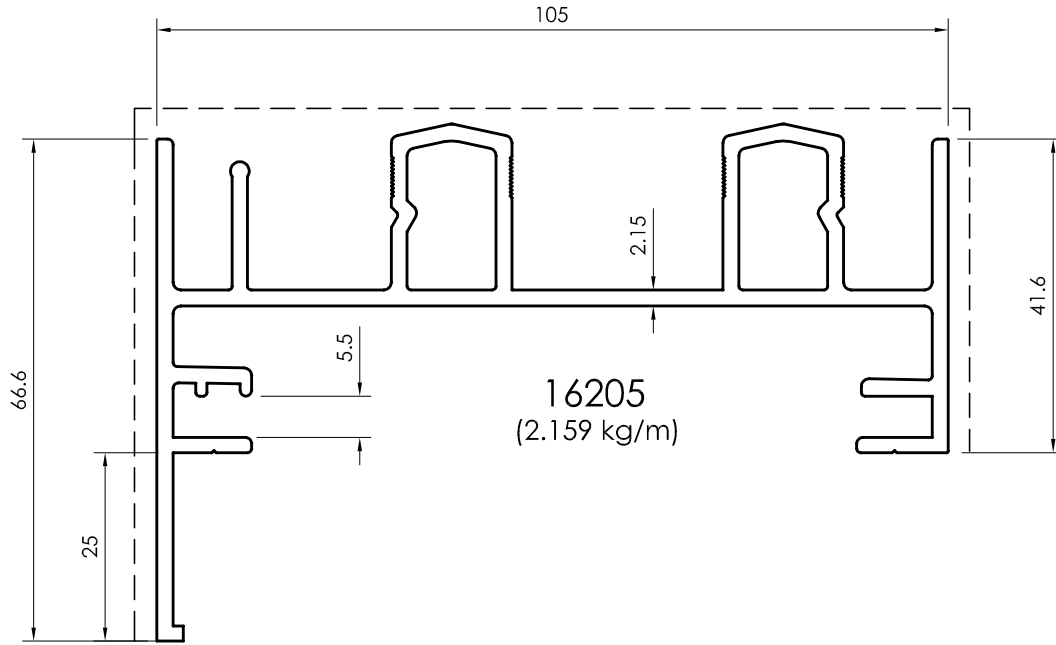
All dimensions in mm
----- Visible area

Frame Profile - 105mm
Fly Screen Inside



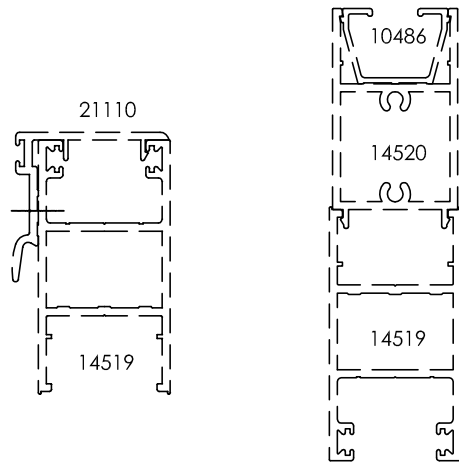
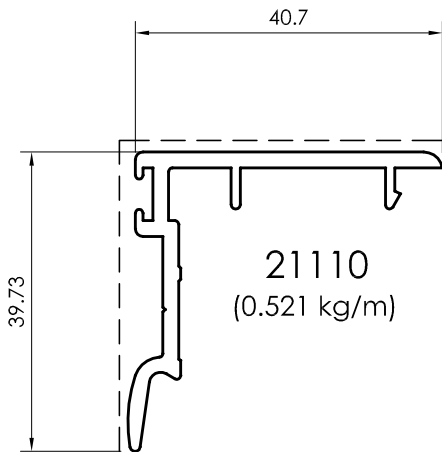
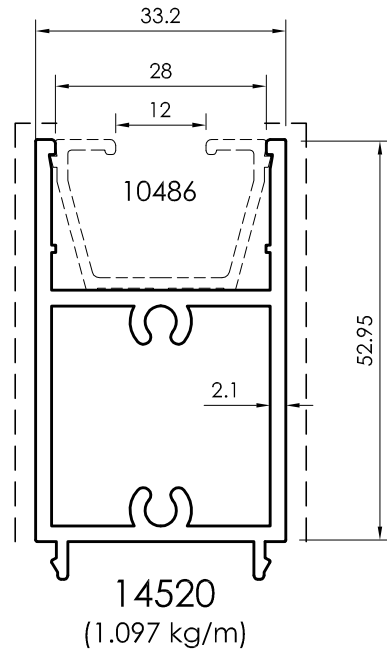
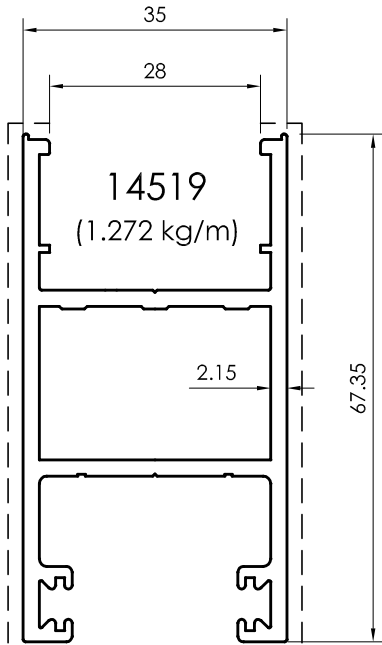
All dimensions in mm
Visible area_____

Frame Profiles - 105mm
Fly Screen Inside



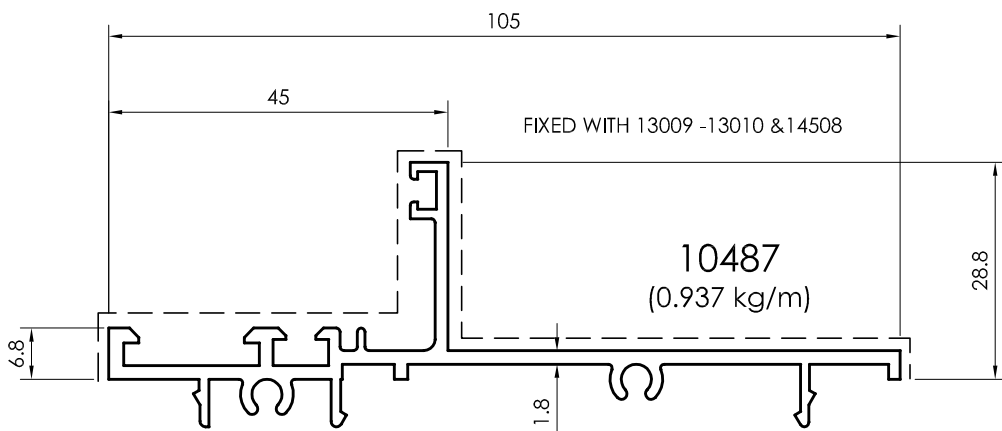
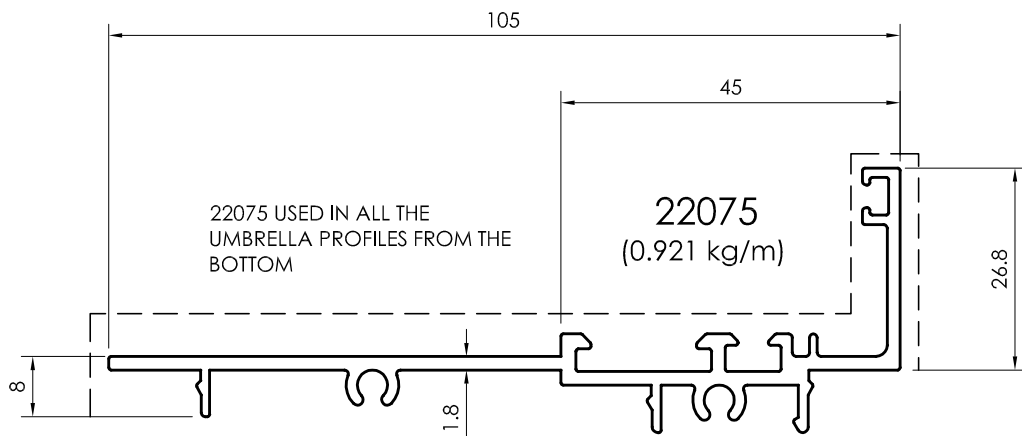
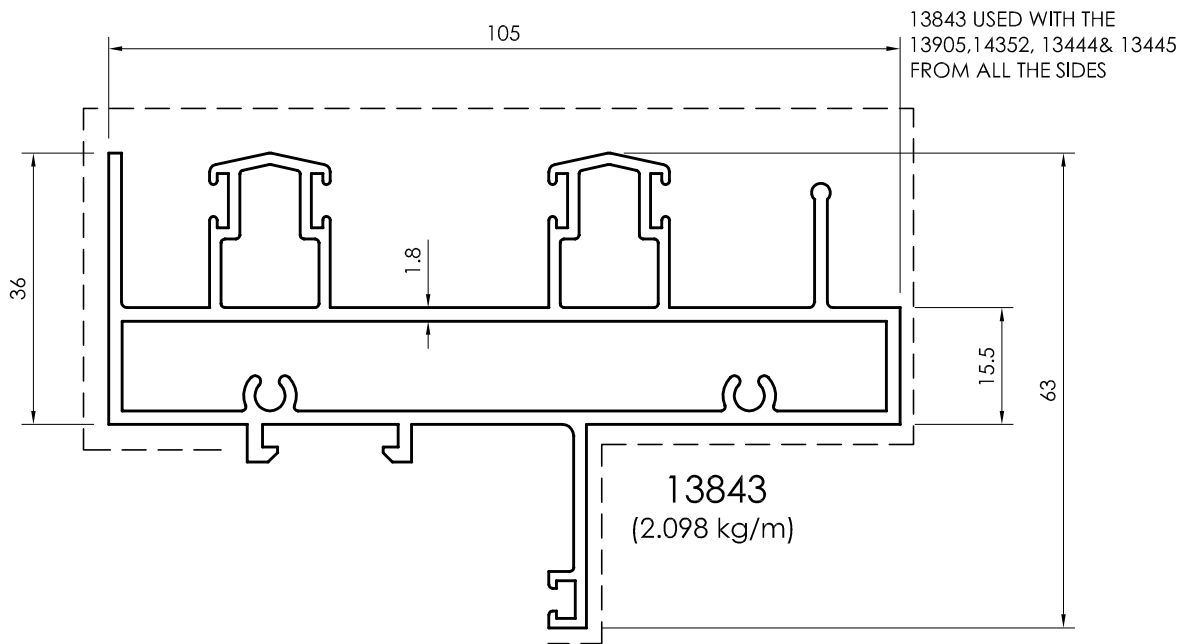
All dimensions in mm
----- Visible area

Sash / Interlock Profiles - 105 / 125mm
 (Used with Umbrellas Frame Profile)



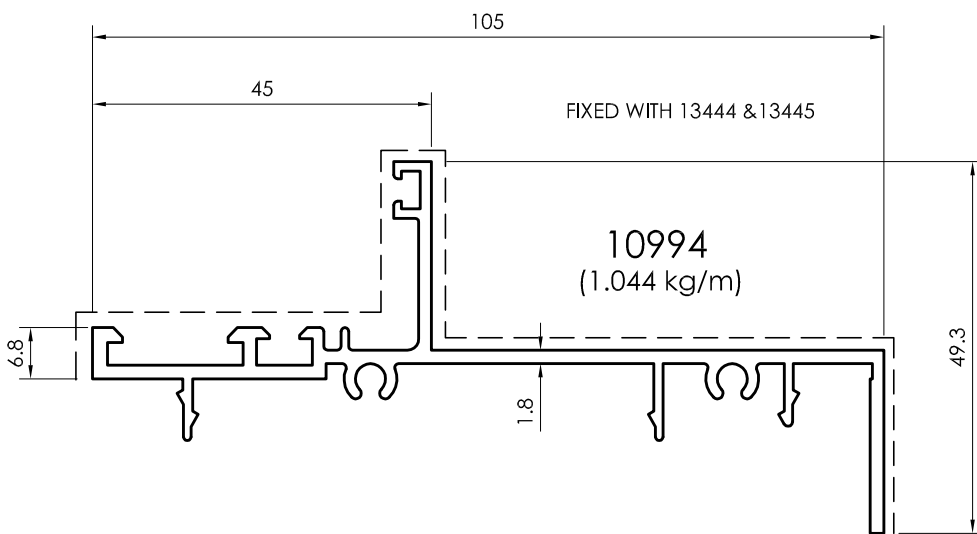
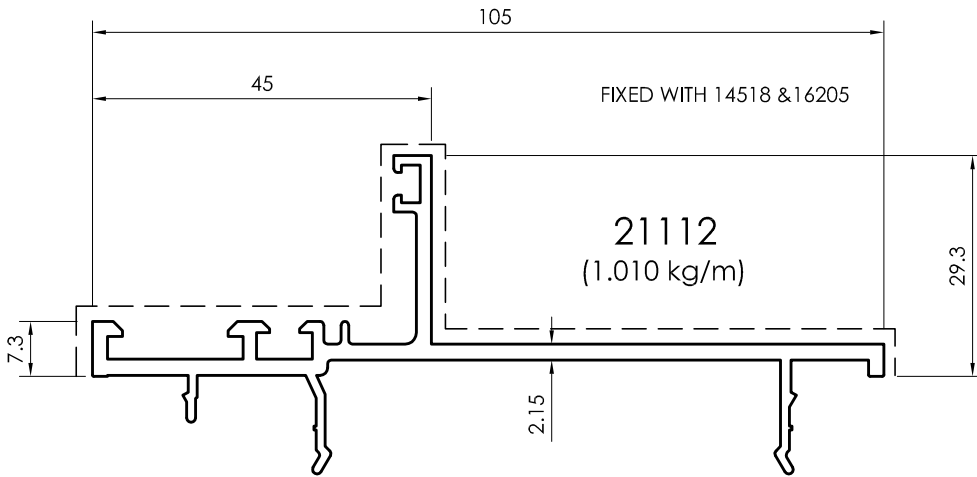
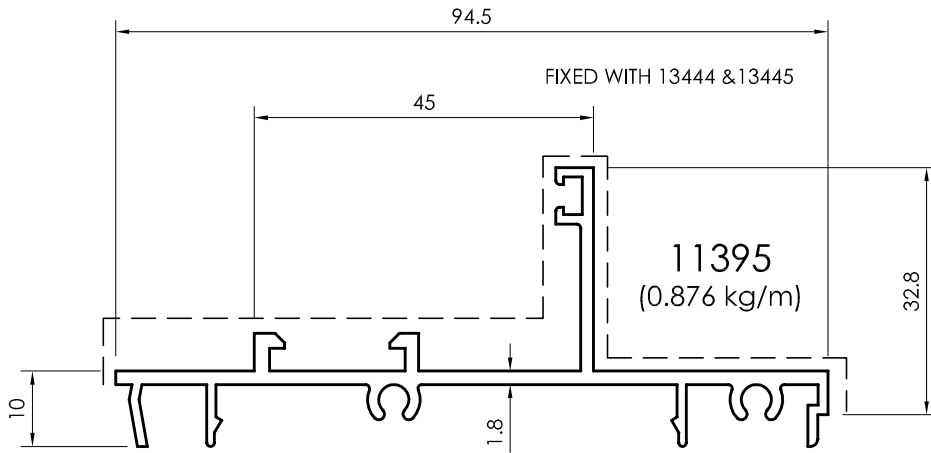
All dimensions in mm
 Visible area_____

Adaptor Profiles - 105mm



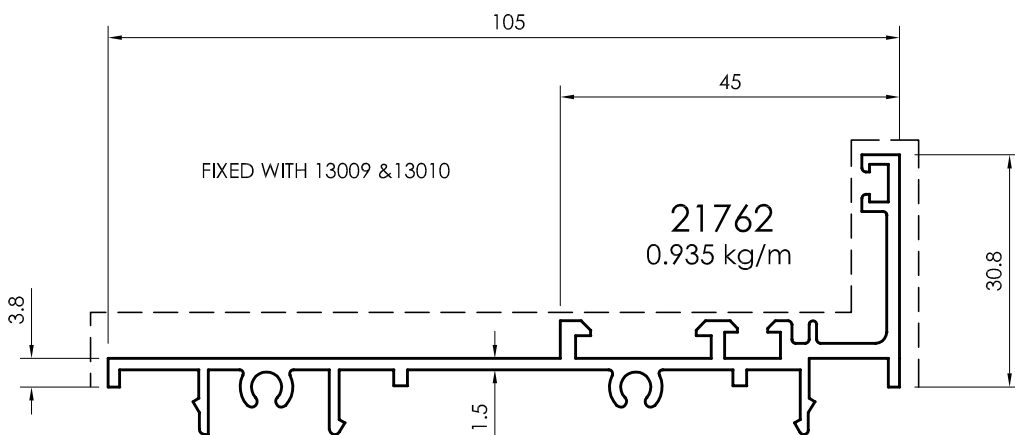
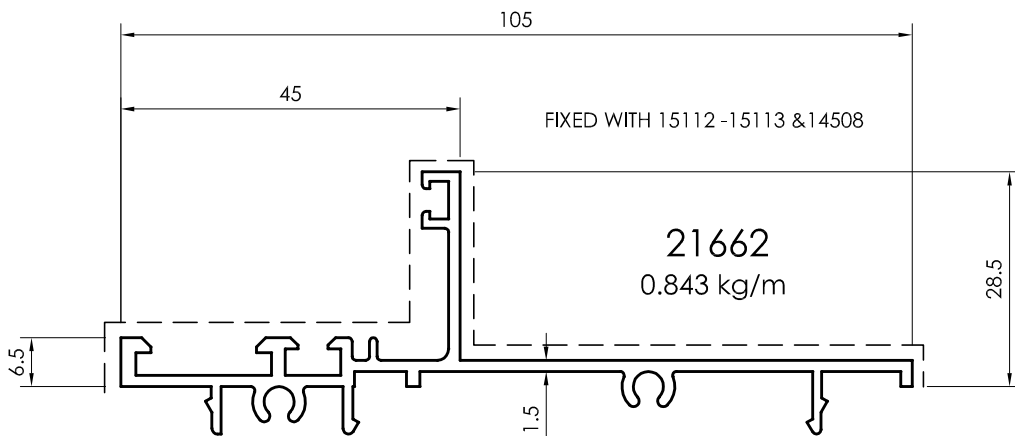
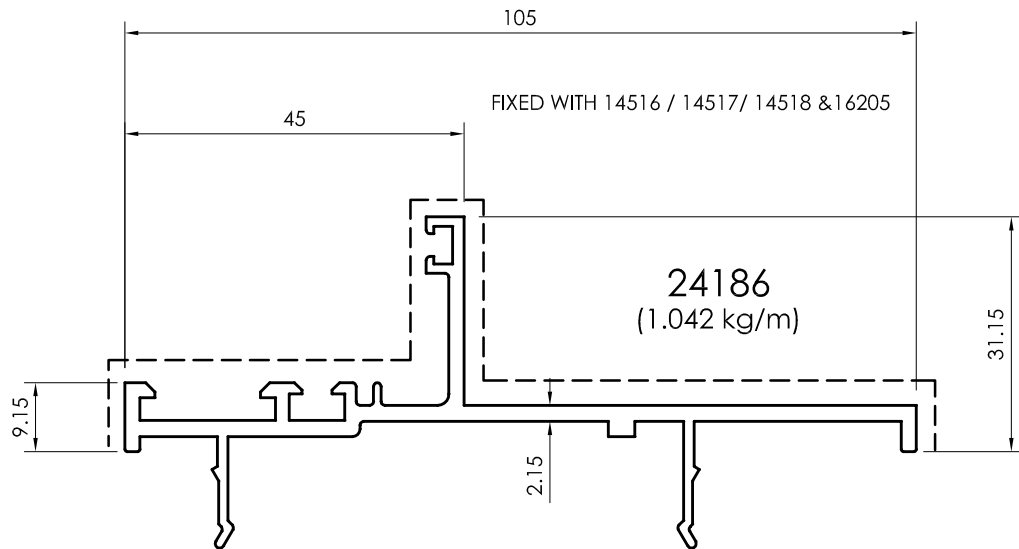
All dimensions in mm
----- Visible area

Adaptor Profiles - 105mm



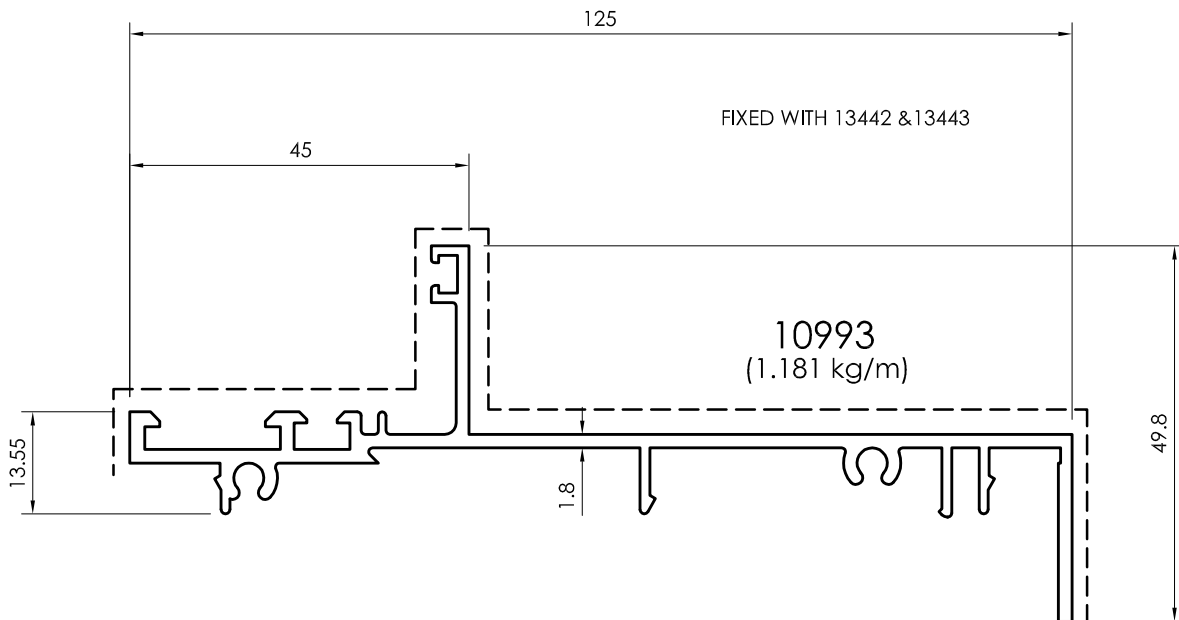
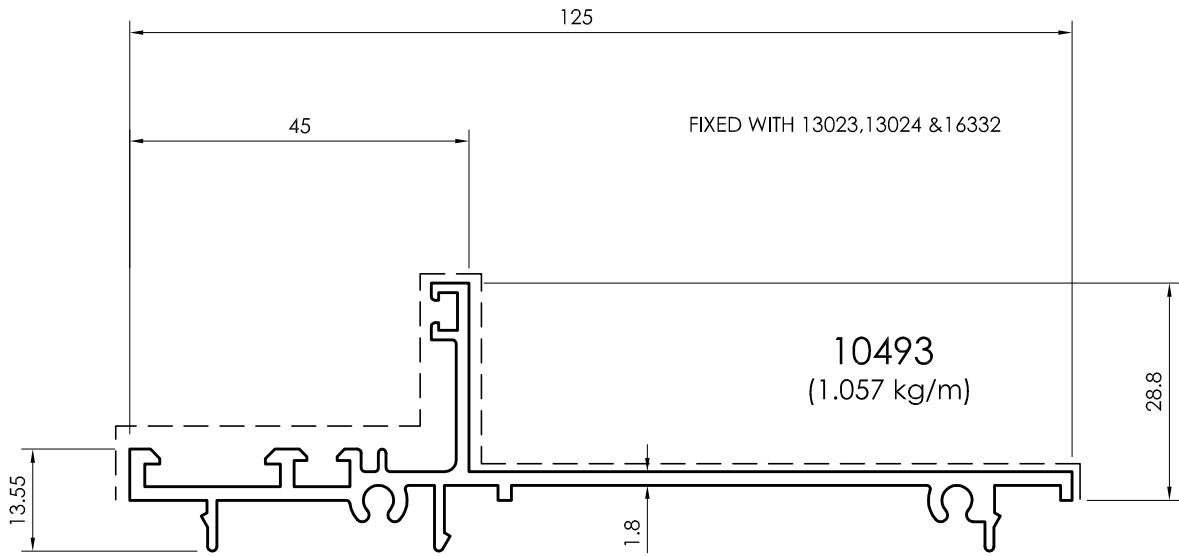
All dimensions in mm
Visible area_-----

Adaptor Profiles - 105mm



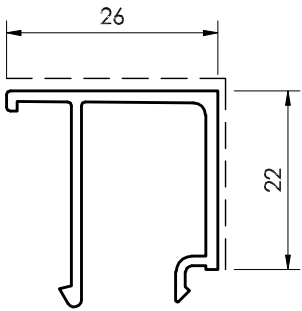
All dimensions in mm
----- Visible area

Adaptor Profiles - 125mm

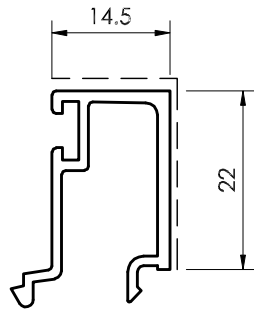


All dimensions in mm
Visible area_____

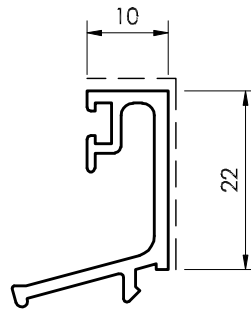
Glazing Beads Profiles



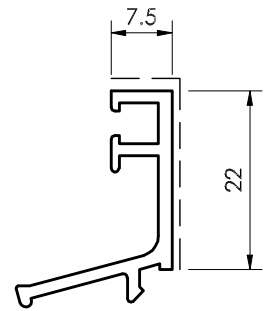
10371
(0.298 kg/m)
FOR 6MM & 8MM GLASS



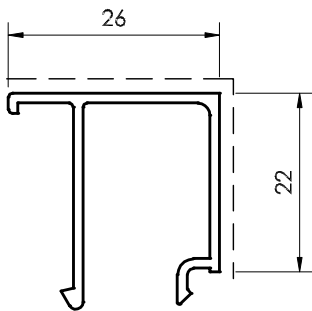
10377
(0.282 kg/m)
FOR 20MM GLASS



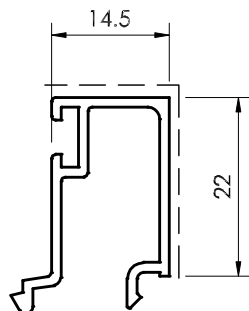
10464
(0.271 kg/m)
FOR 24MM GLASS



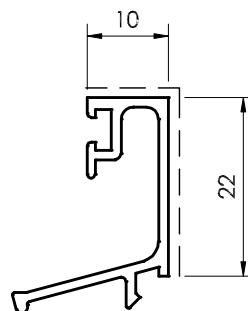
11321
(0.251 kg/m)
FOR 28MM GLASS



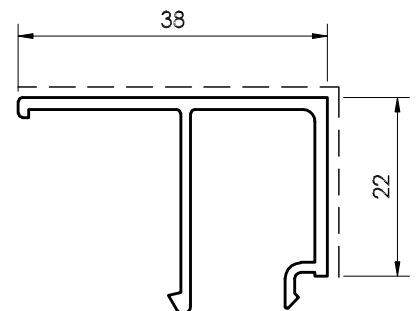
22927
(0.269 kg/m)
FOR 6MM & 8MM GLASS



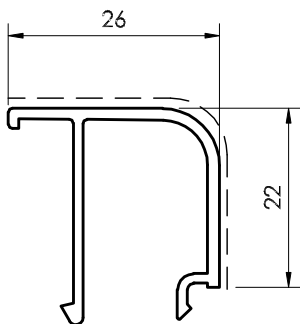
23195
(0.258 kg/m)
FOR 20MM GLASS



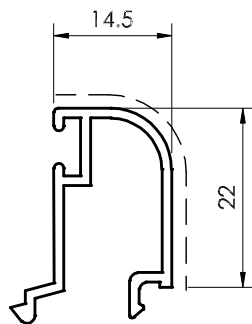
22928
(0.226 kg/m)
FOR 24MM GLASS



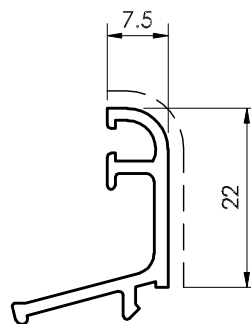
10381
(0.353 kg/m)
FOR SHEET 1.0MM & 2.0MM



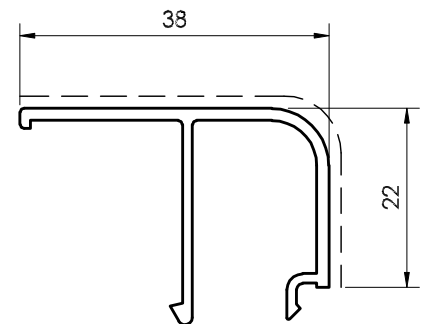
11730
(0.286 kg/m)
FOR 6MM & 8MM GLASS



23194
(0.249 kg/m)
FOR 20MM GLASS



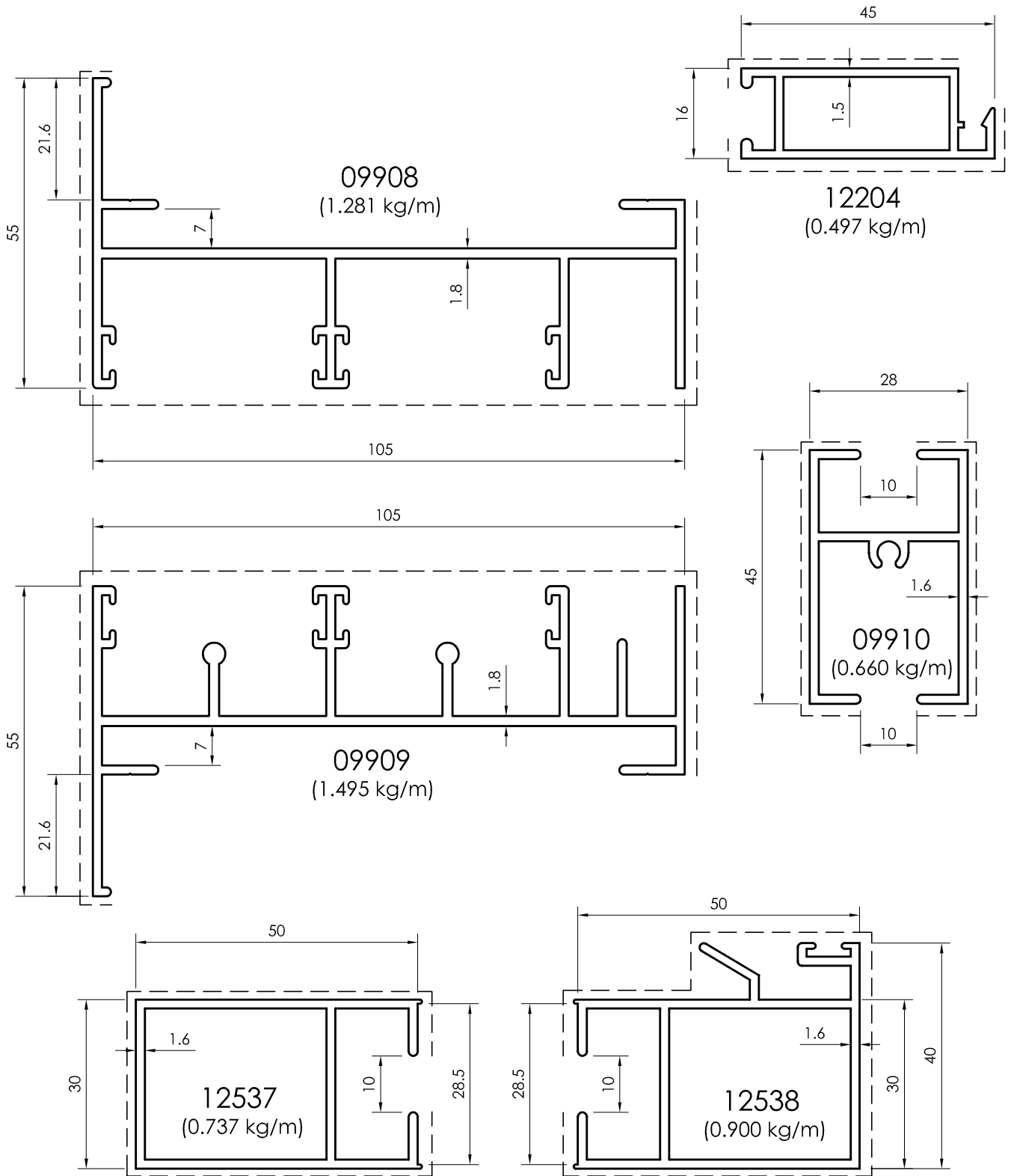
11729
(0.242 kg/m)
FOR 28MM GLASS



11547
(0.340 kg/m)
FOR SHEET 1.0MM & 2.0MM

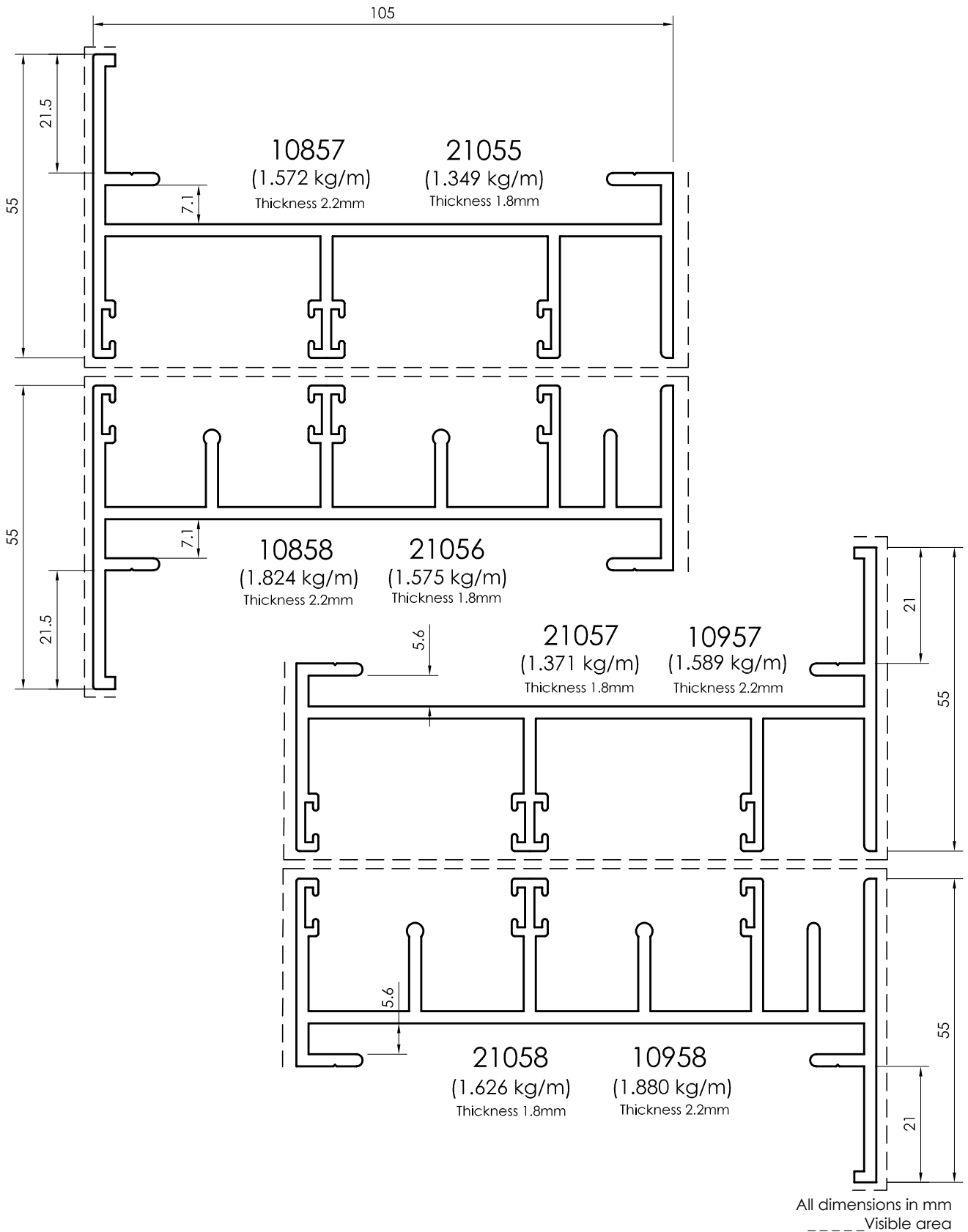
All dimensions in mm
----- Visible area

Sliding Window - 105mm

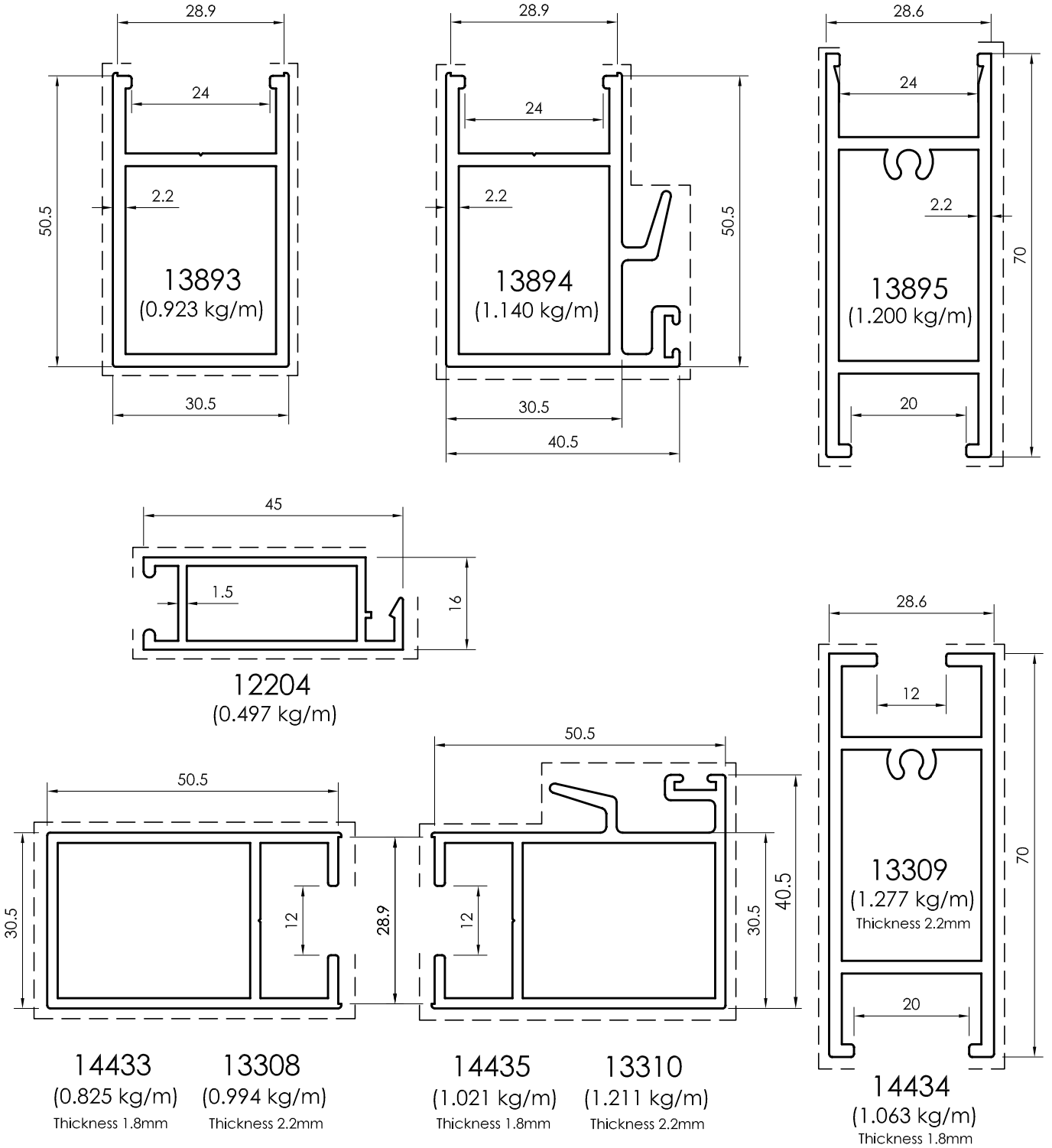


All dimensions in mm
Visible area_____

Frame Profile

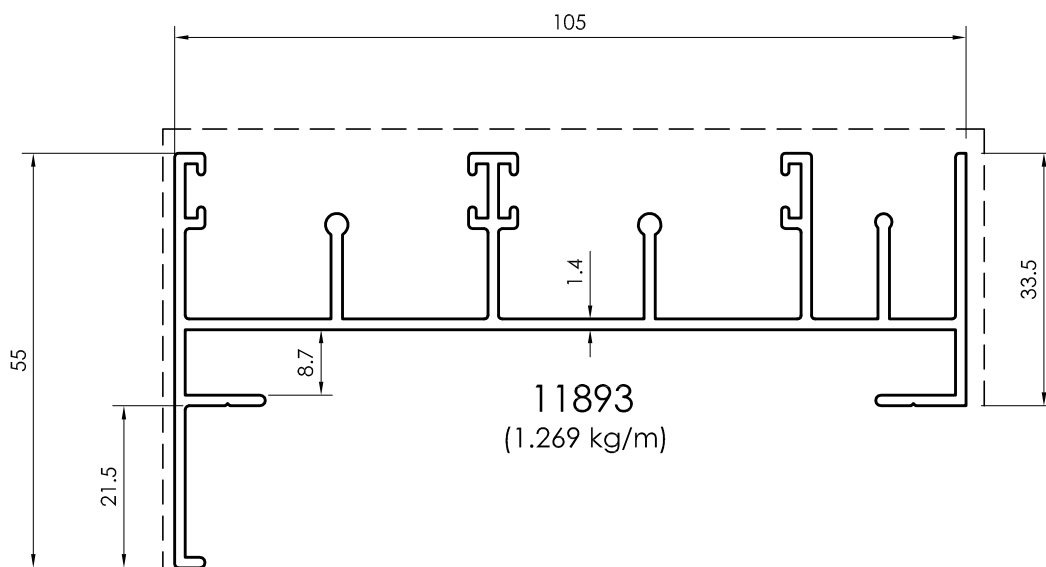
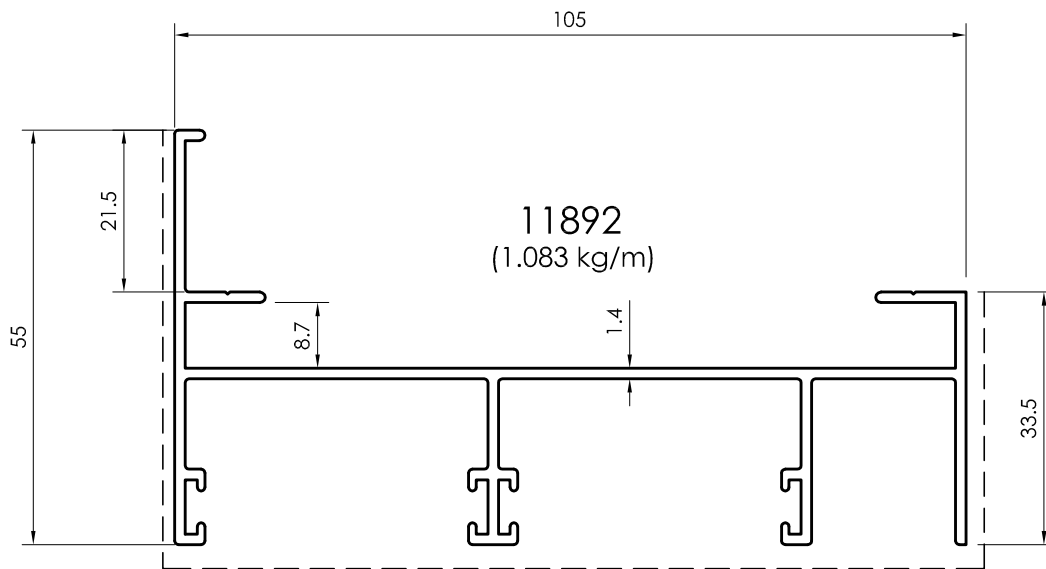


Sash Profile



All dimensions in mm
Visible area_____

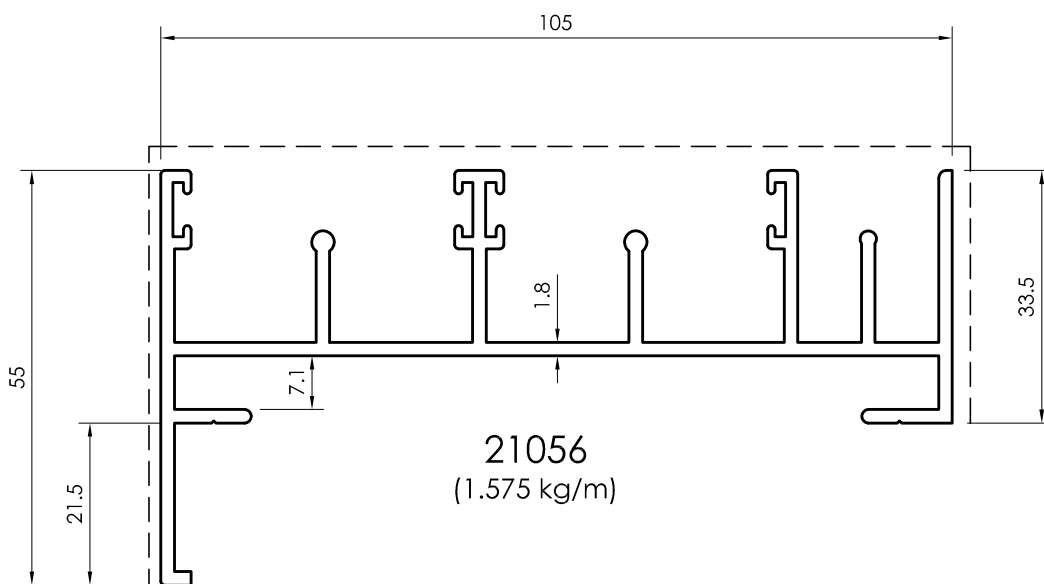
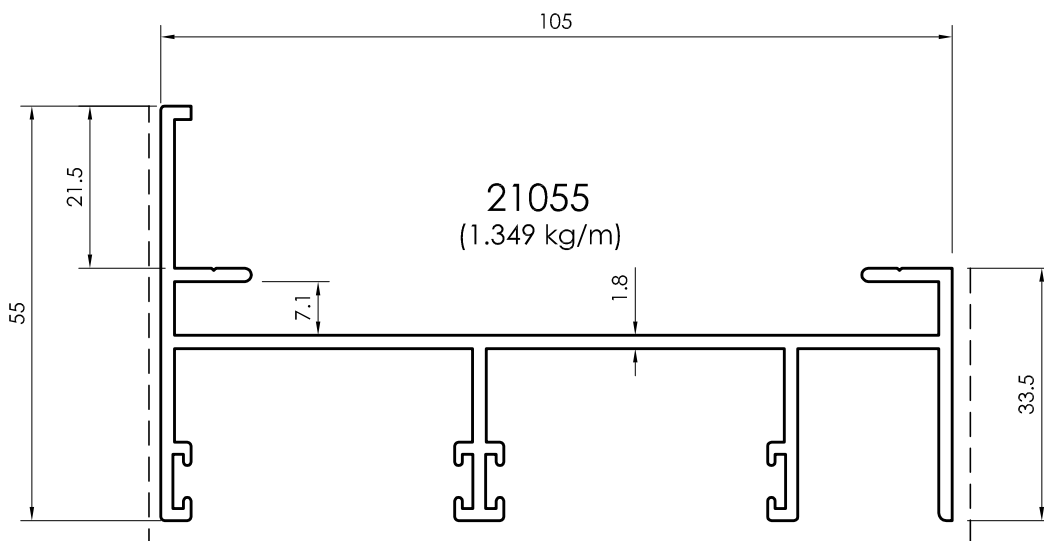
Frame Profiles - 105mm
Fly Screen Outside



All dimensions in mm
----- Visible area

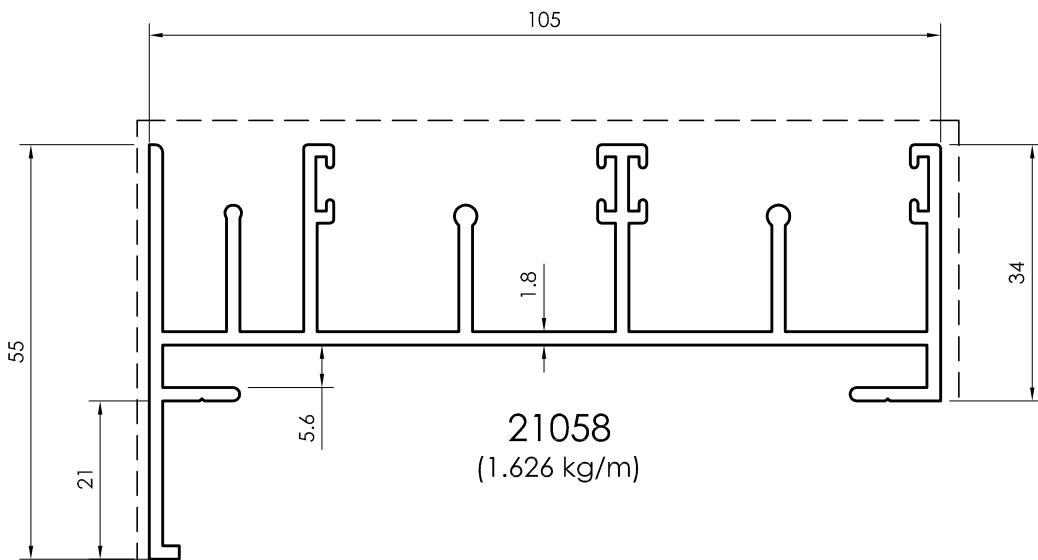
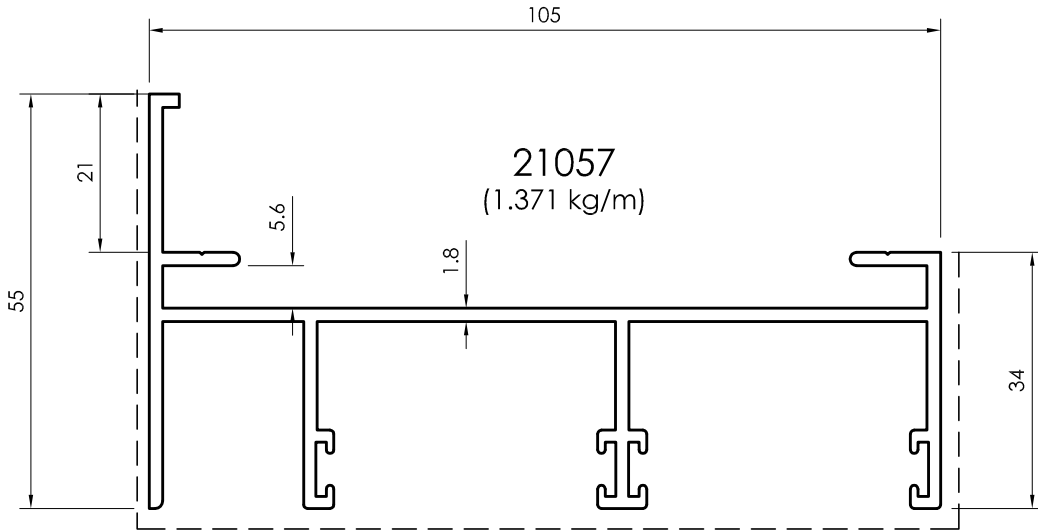
Frame Profiles - 105mm

Fly Screen Outside



All dimensions in mm
Visible area_-----

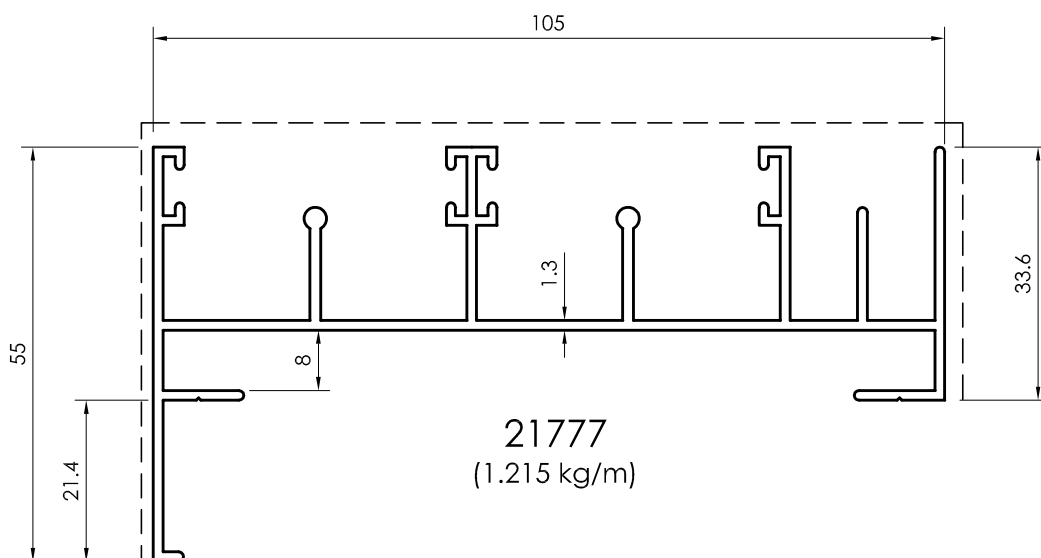
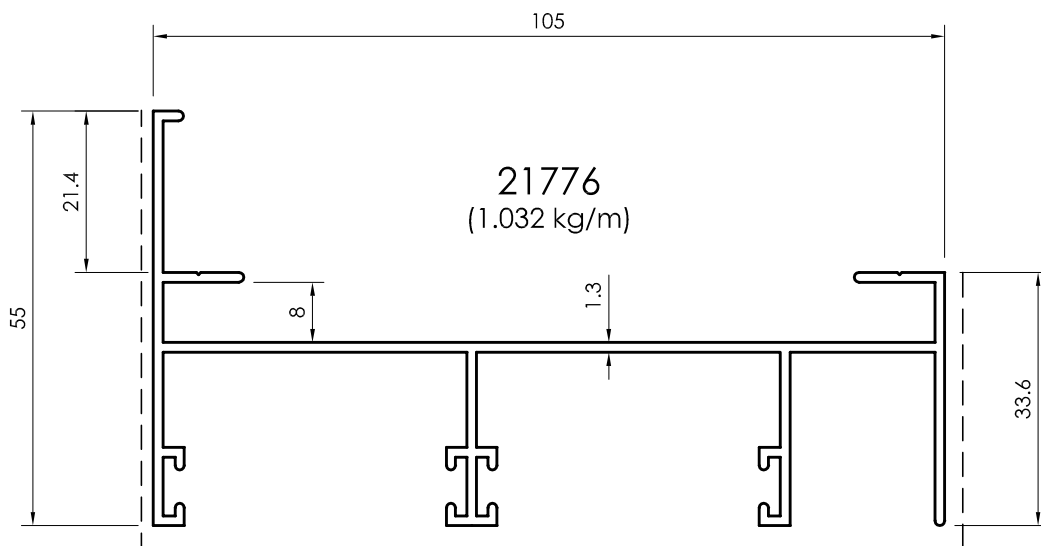
Frame Profiles - 105mm
Fly Screen Inside



All dimensions in mm
----- Visible area

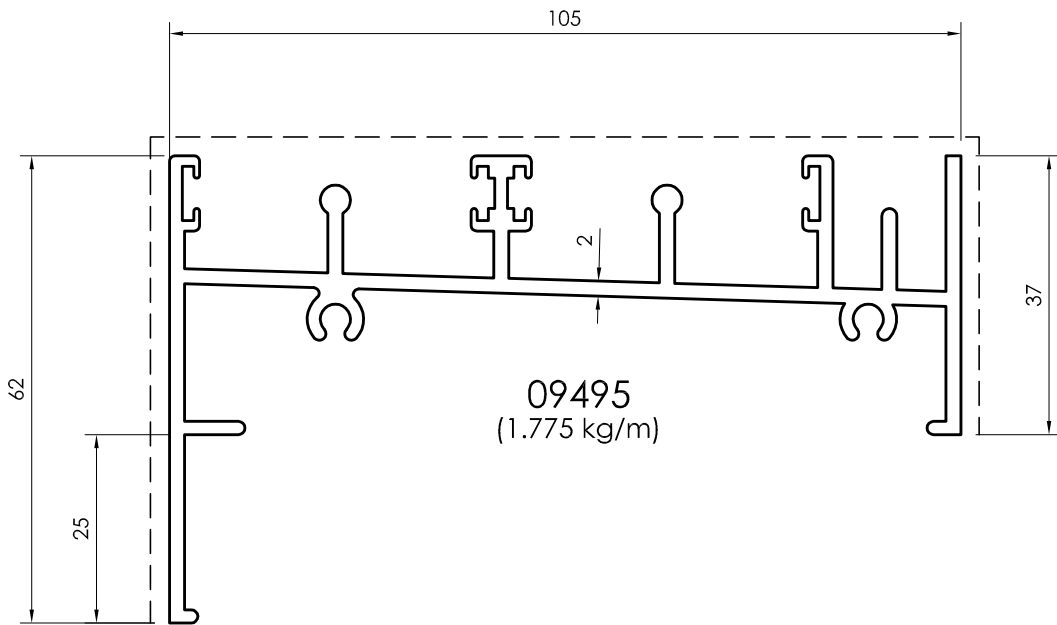
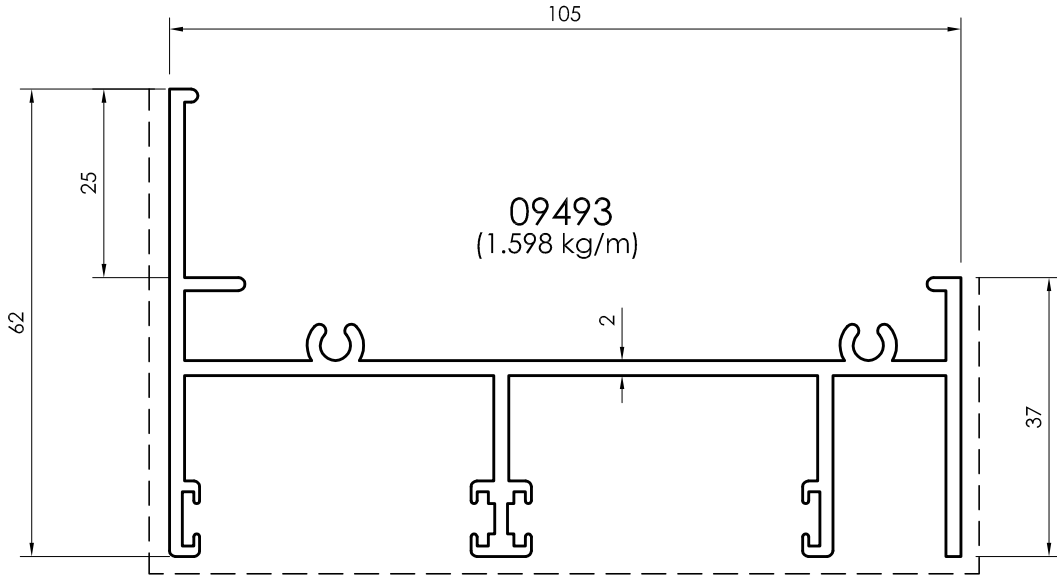
Frame Profiles - 105mm

Fly Screen Outside



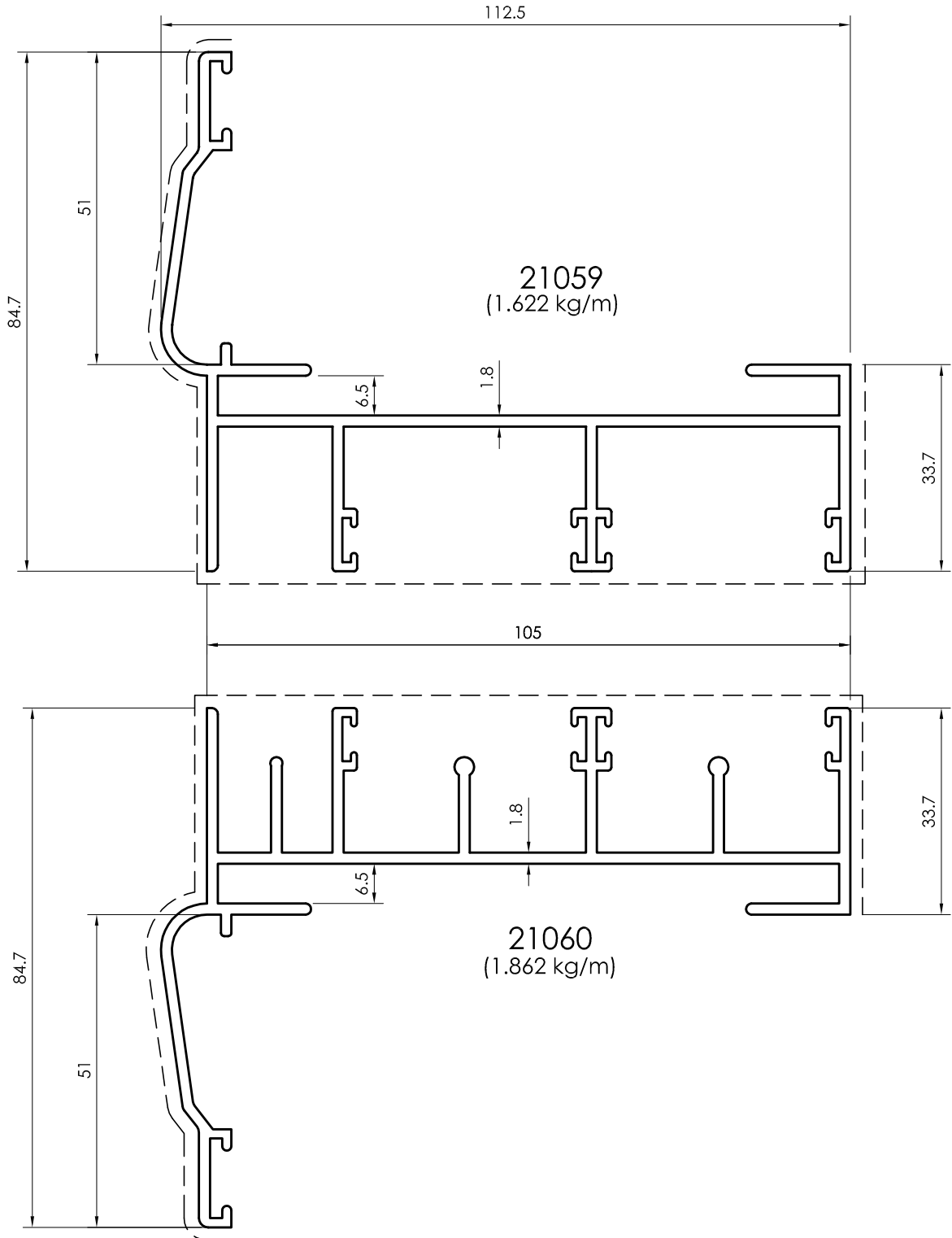
All dimensions in mm
Visible area_-----

Frame Profiles - 105mm
Fly Screen Outside



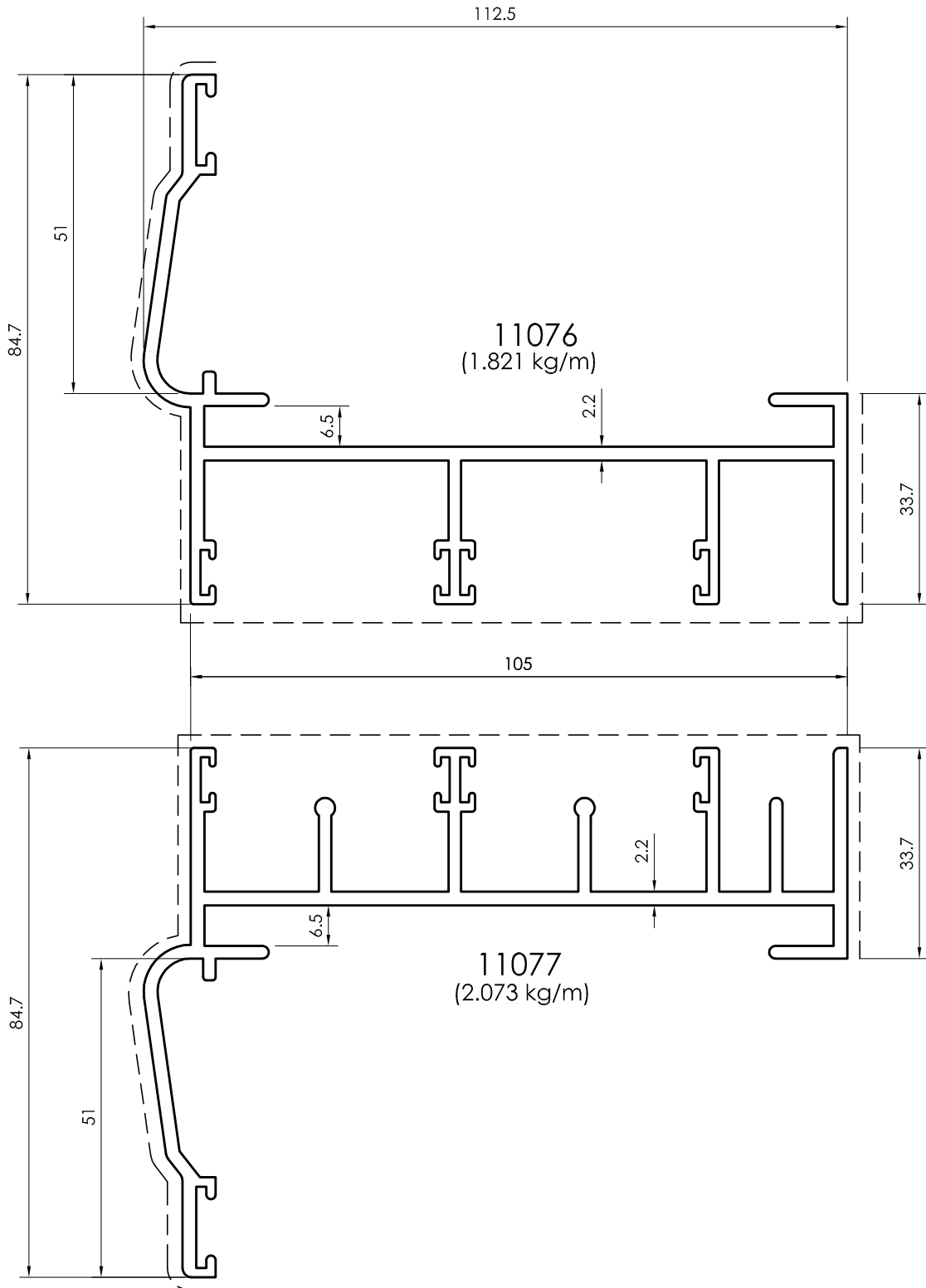
All dimensions in mm
----- Visible area

Frame Profiles - 105mm
Fly Screen Inside



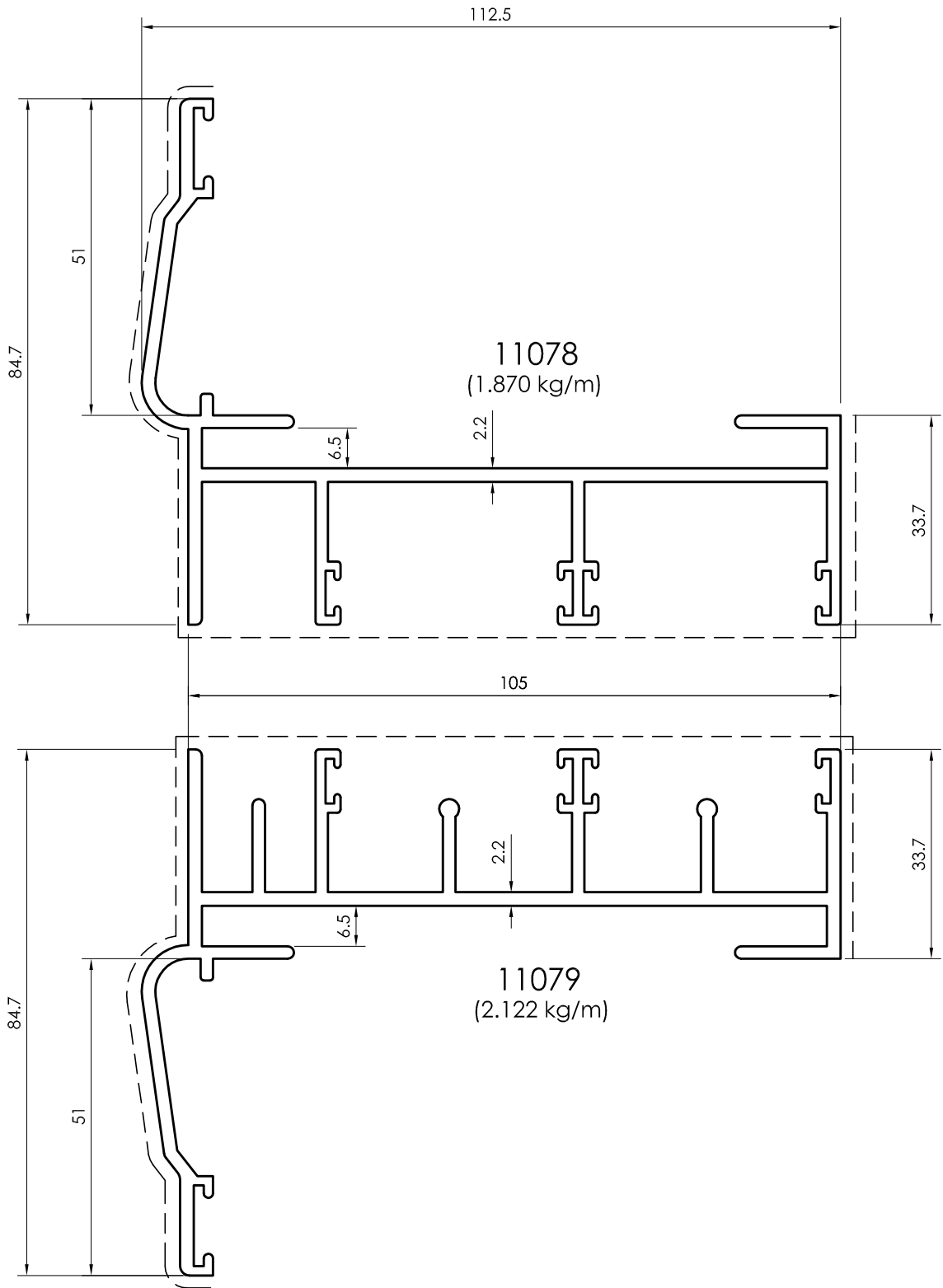
All dimensions in mm
Visible area_-----

Frame Profiles - 105mm
Fly Screen Outside



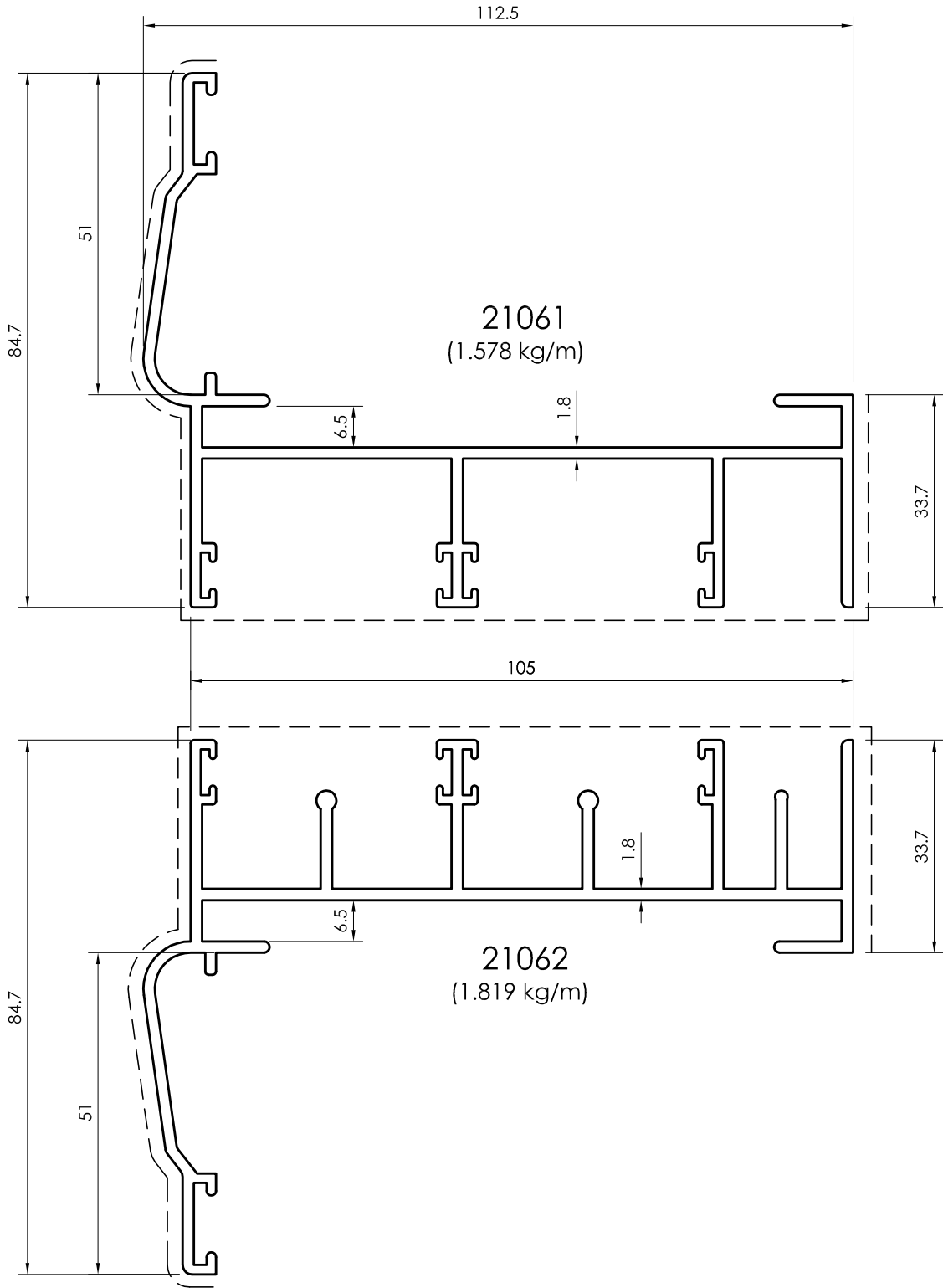
All dimensions in mm
----- Visible area

Frame Profiles - 105mm
Fly Screen Inside



All dimensions in mm
Visible area_-----

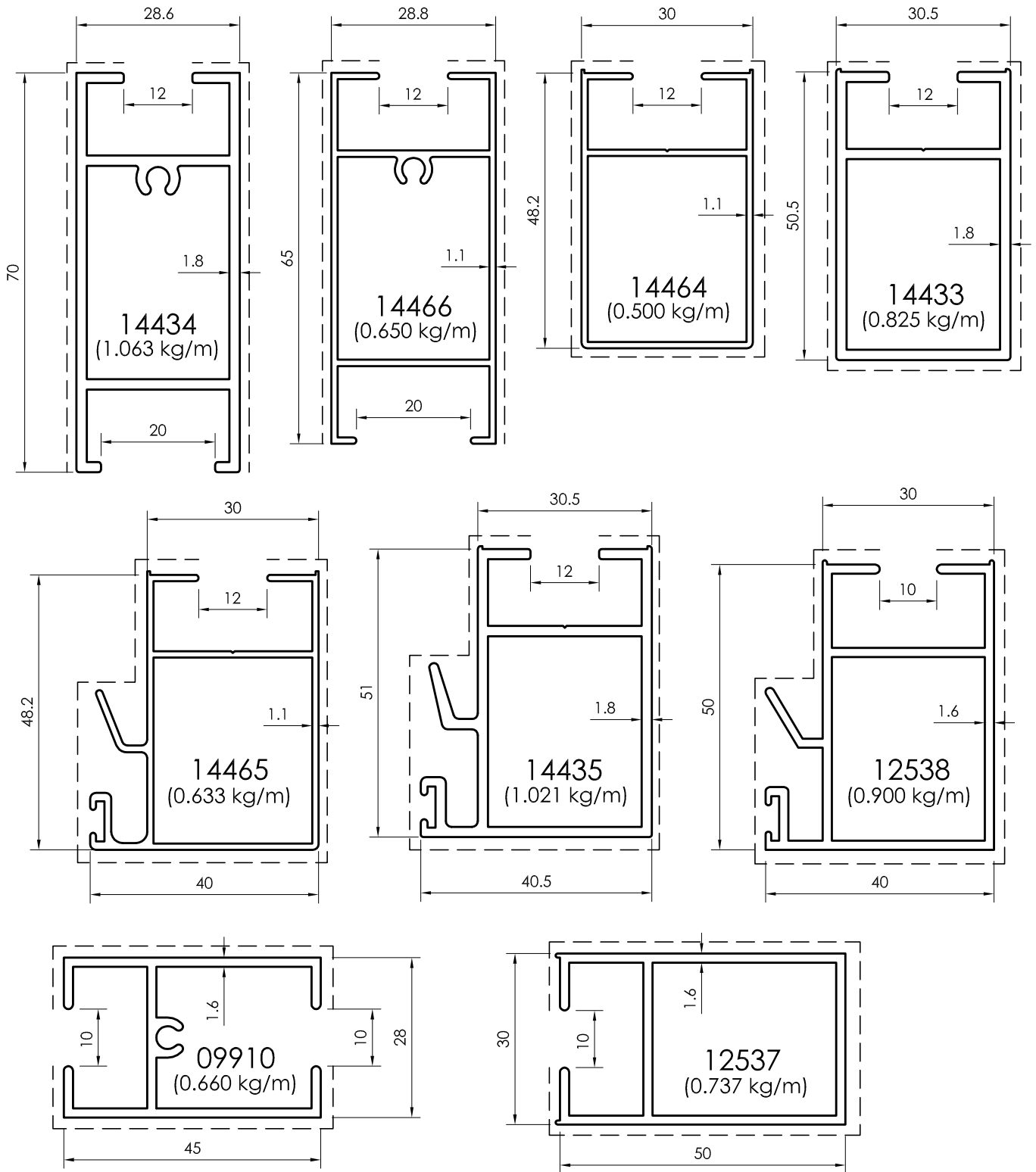
Frame Profiles - 105mm
Fly Screen Outside



All dimensions in mm
----- Visible area

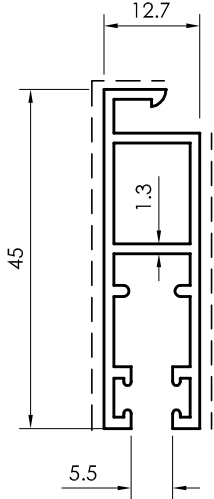
Sash / Interlock Profiles - 105mm

(Used with non umbrellas Frame Profile)

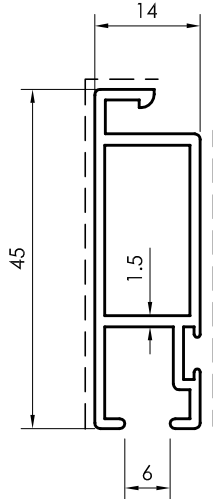


All dimensions in mm
Visible area_____

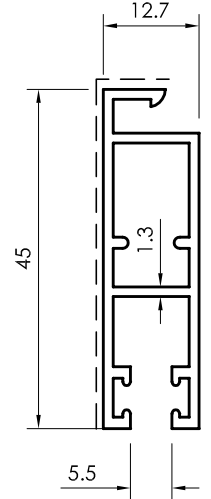
Fly Screens / Angle



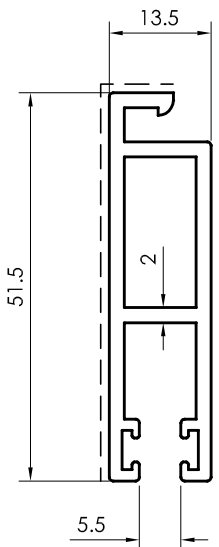
13441
(0.455 kg/m)



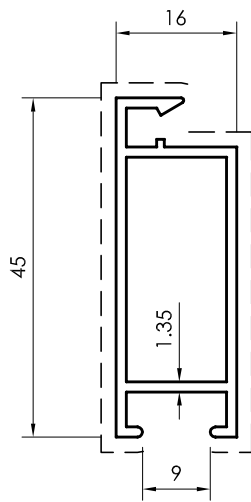
12745
(0.457 kg/m)



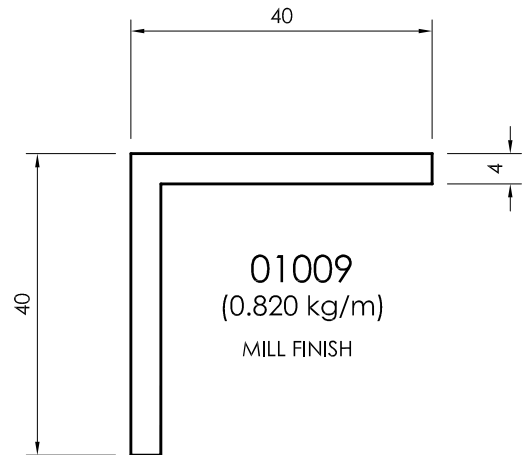
13711
(0.455 kg/m)



14521
(0.695 kg/m)



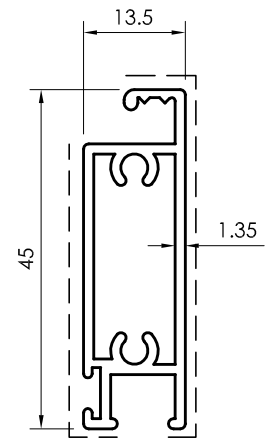
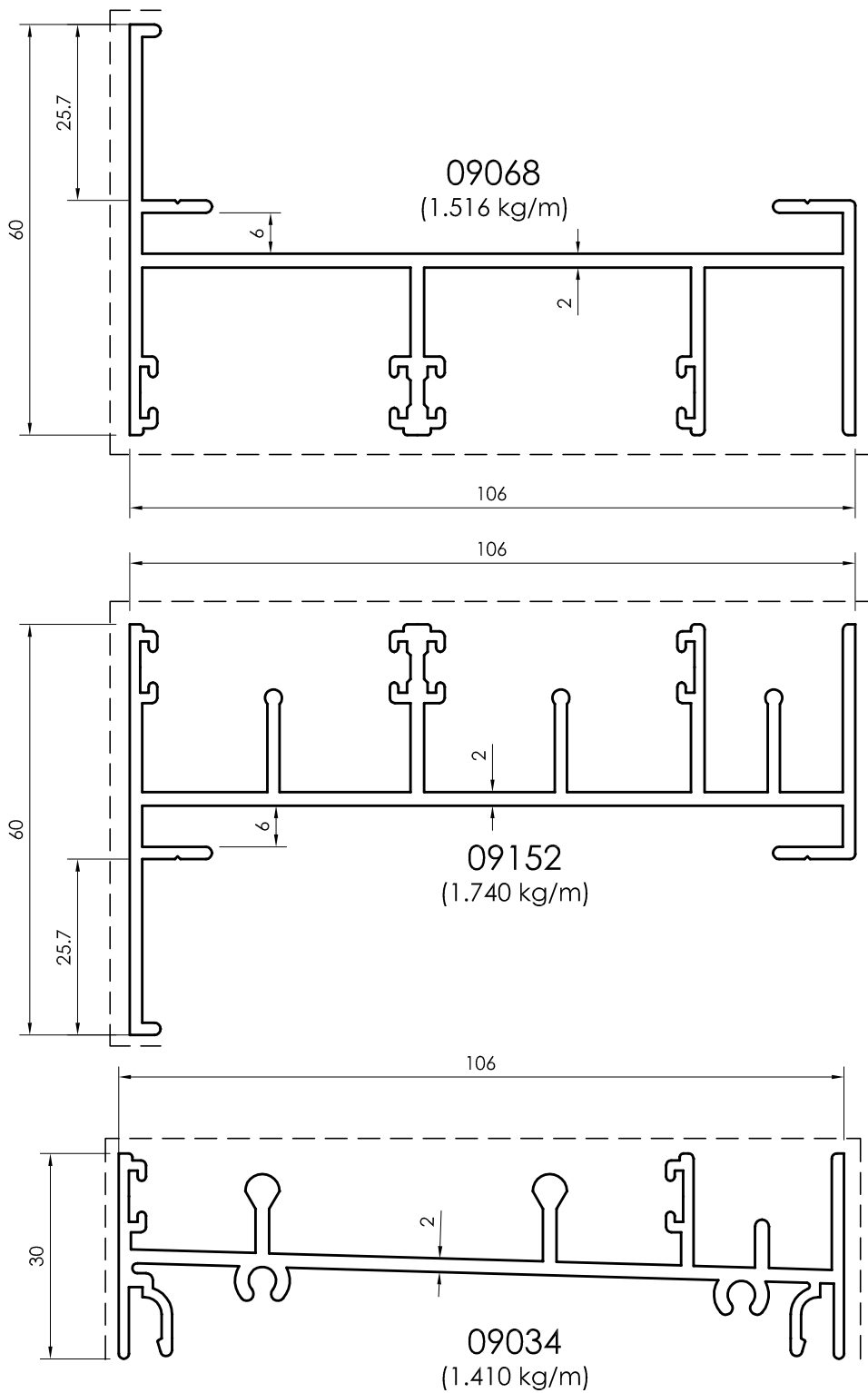
12724
(0.447 kg/m)
12724 used with non umbrella frame profiles



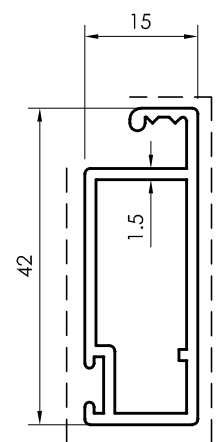
01009
(0.820 kg/m)
MILL FINISH

All dimensions in mm
----- Visible area

Sliding Window - 106mm



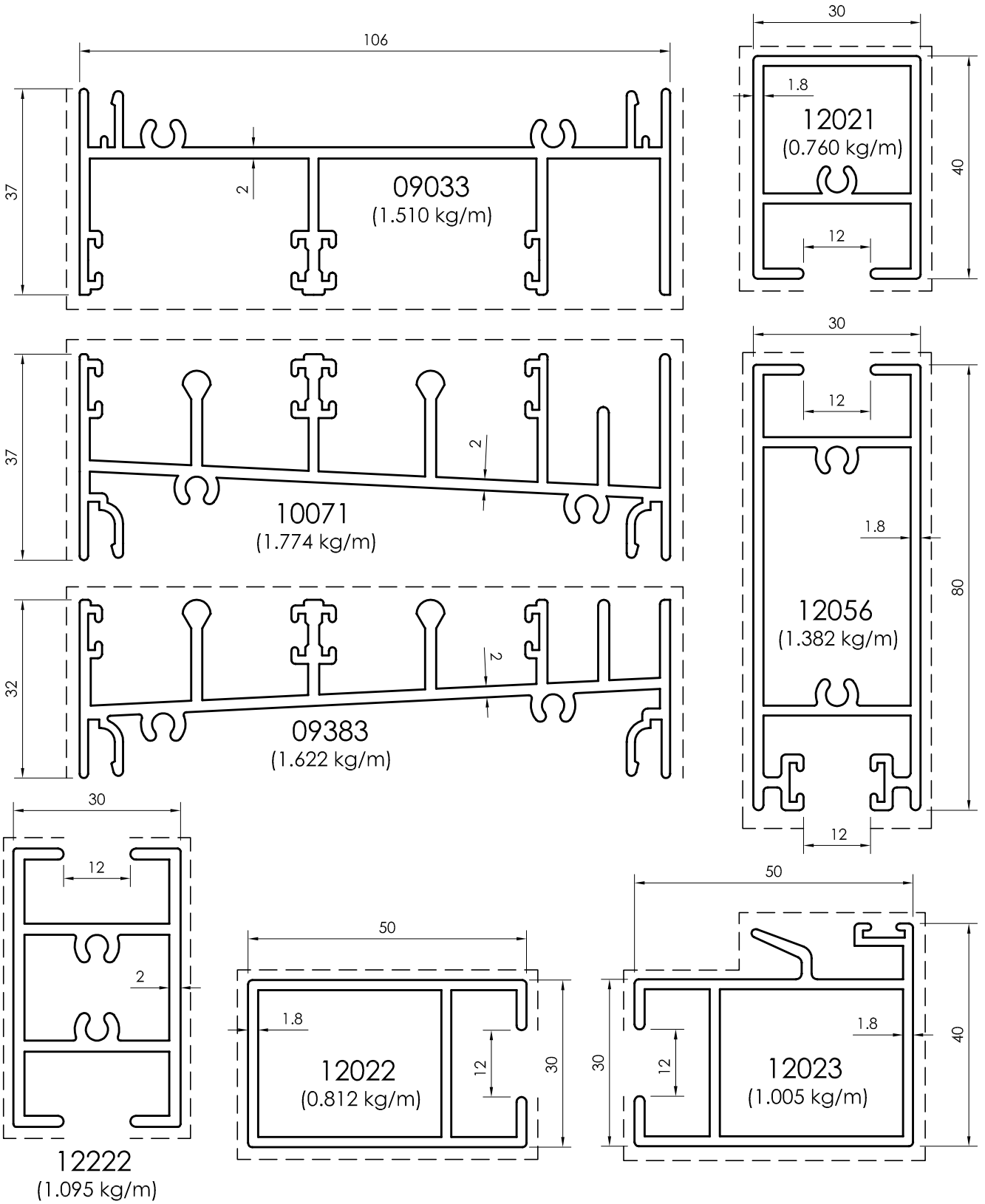
12024
(0.621 kg/m)



12025
(0.476 kg/m)

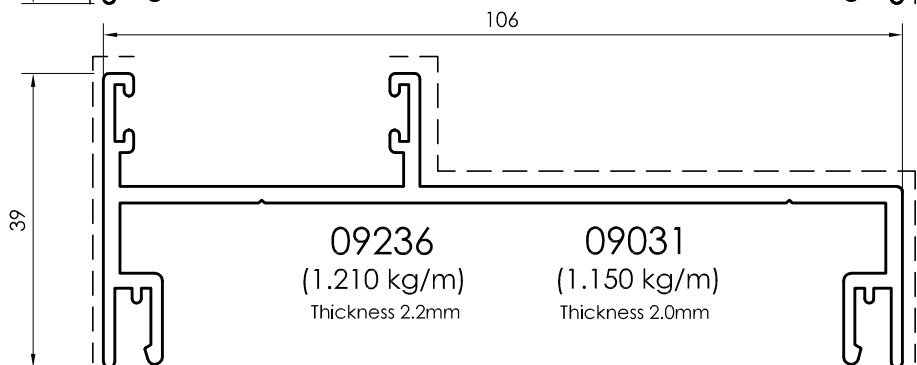
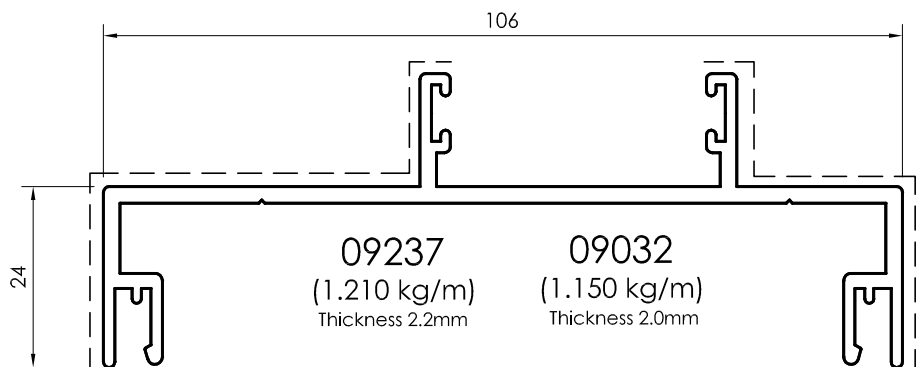
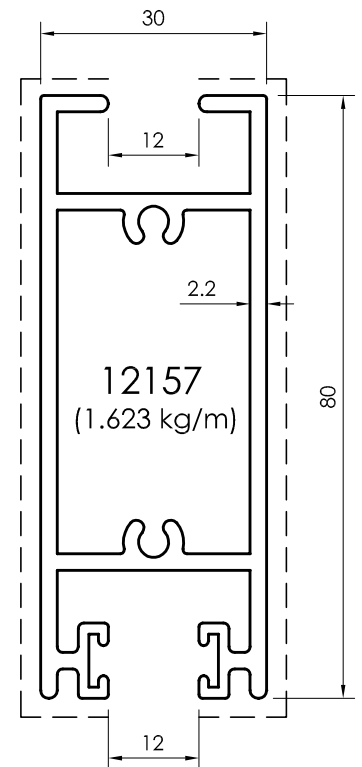
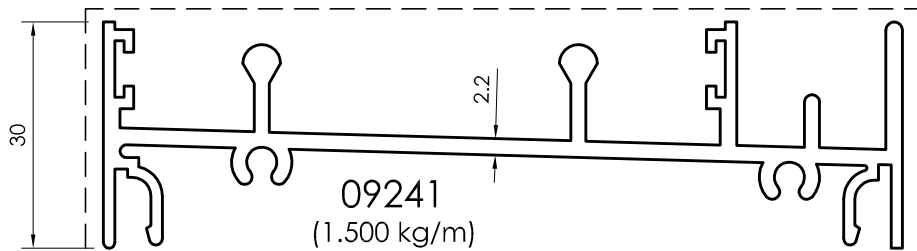
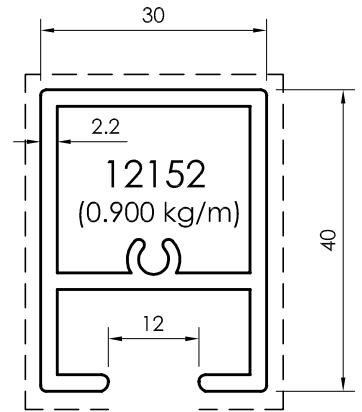
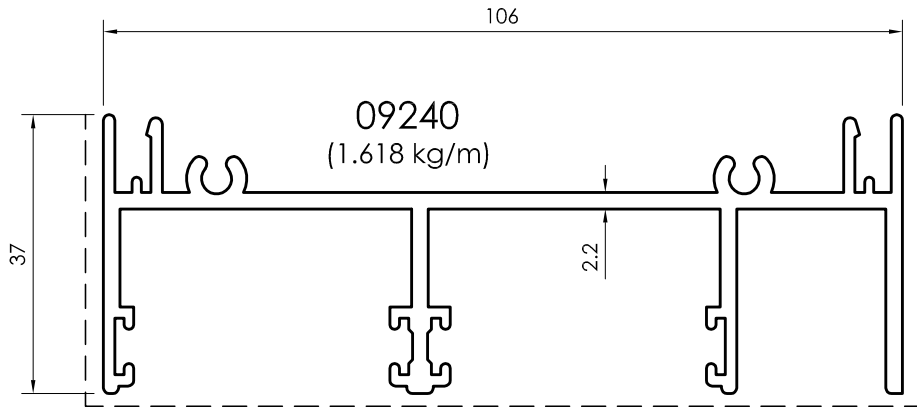
All dimensions in mm
Visible area_-----

Sliding Window - 106mm



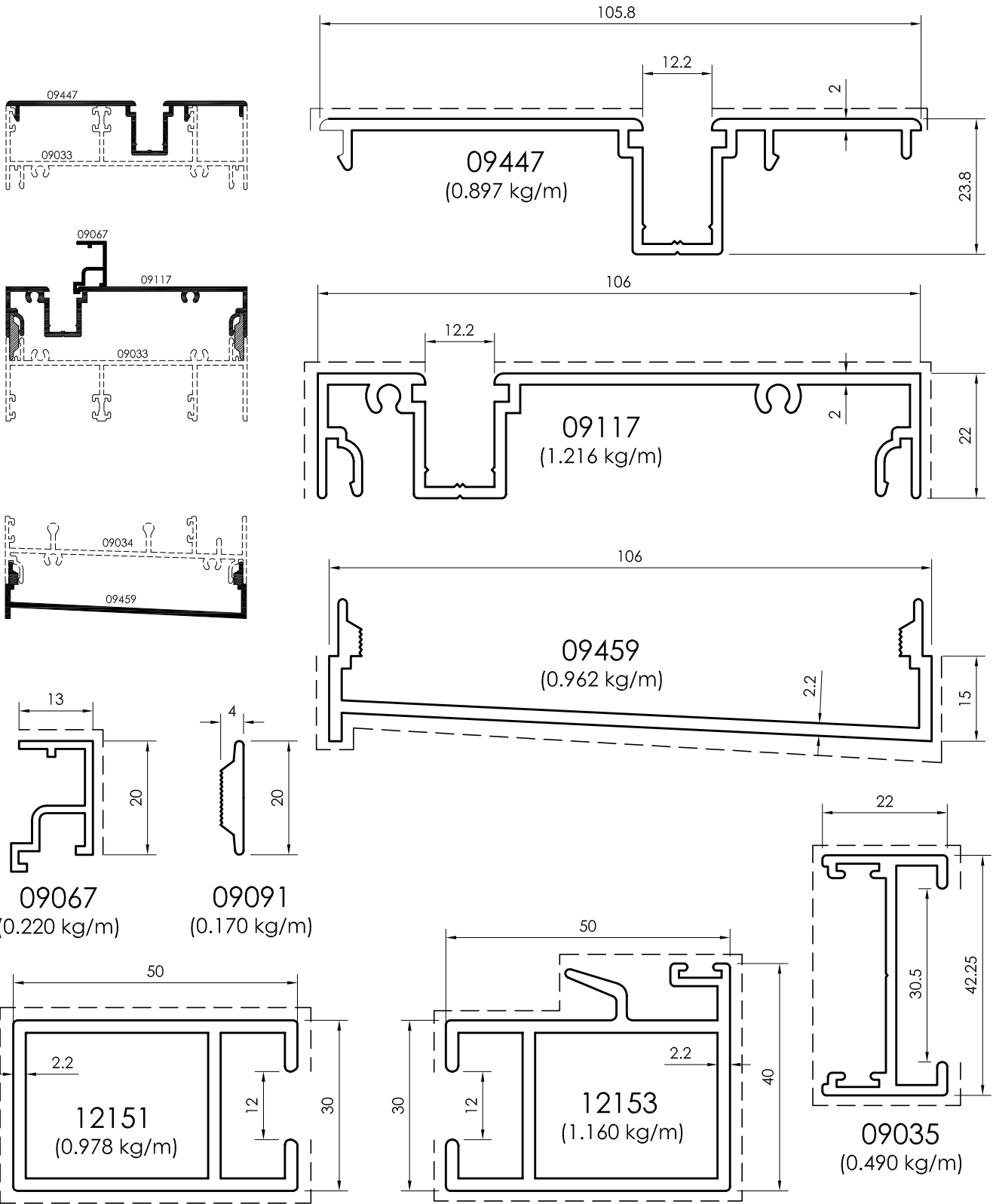
All dimensions in mm
 - - - - - Visible area

Sliding Window - 106mm



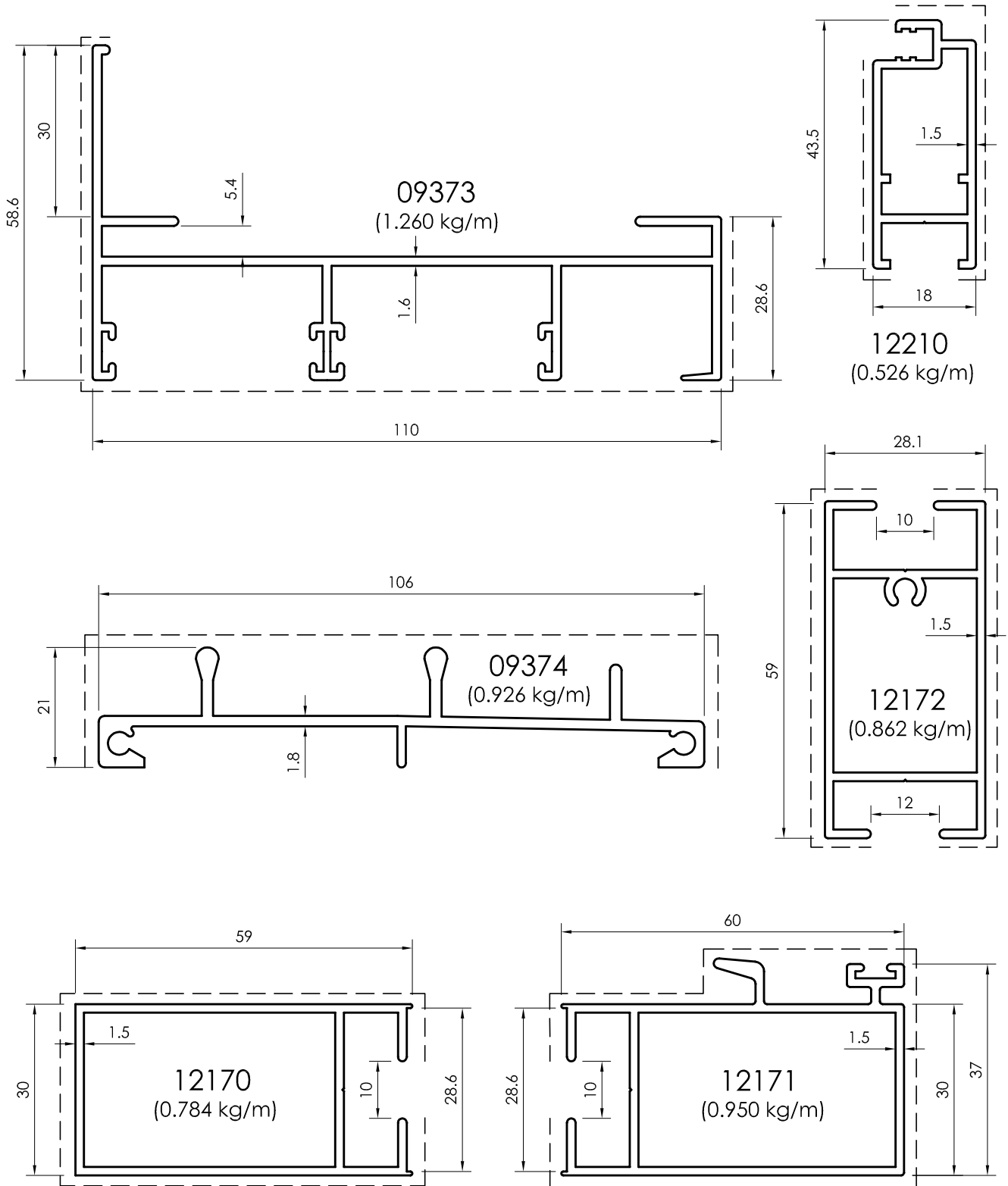
All dimensions in mm
Visible area_____

Sliding Window - 106mm



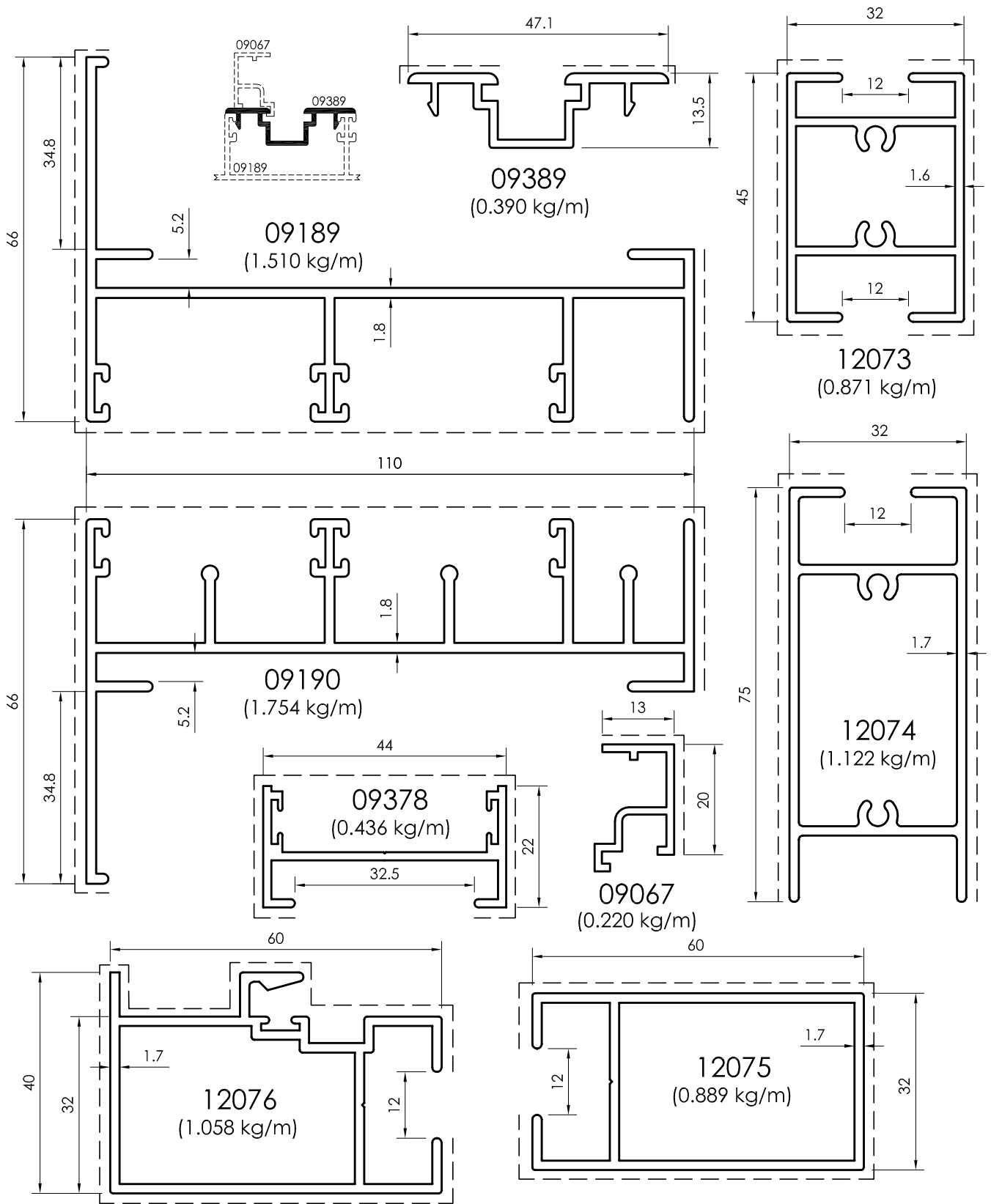
All dimensions in mm
 ----- Visible area

Sliding Window - 110mm



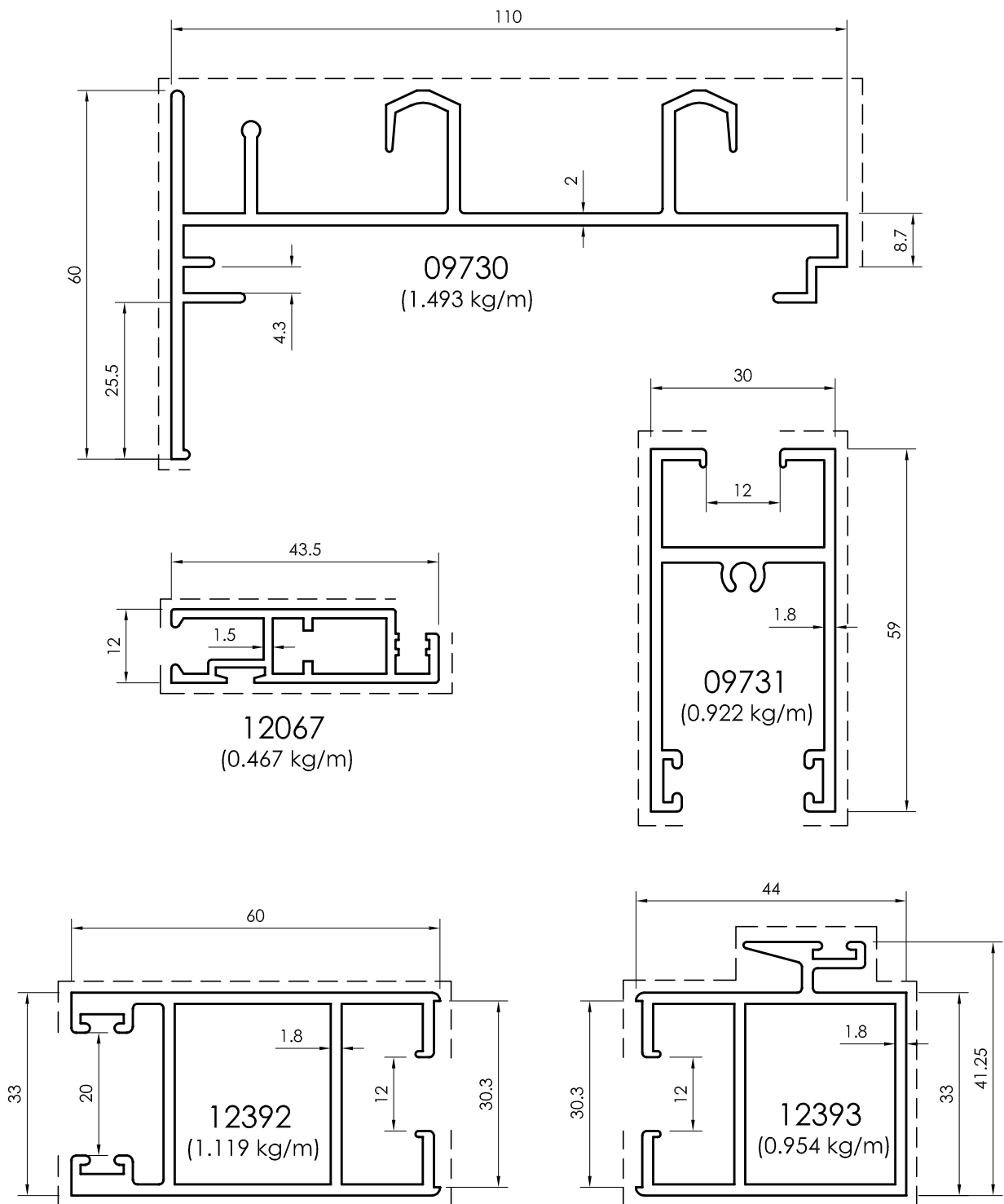
All dimensions in mm
Visible area_____

Sliding Window - 110mm



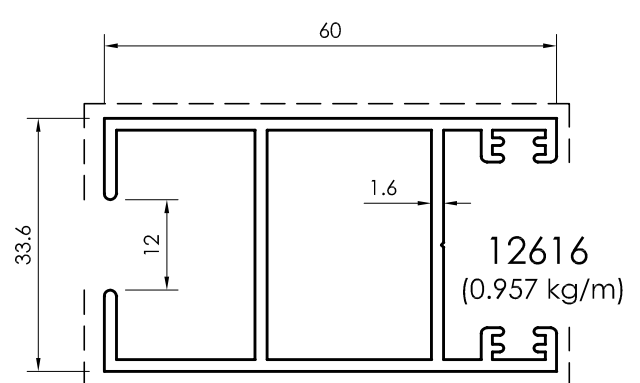
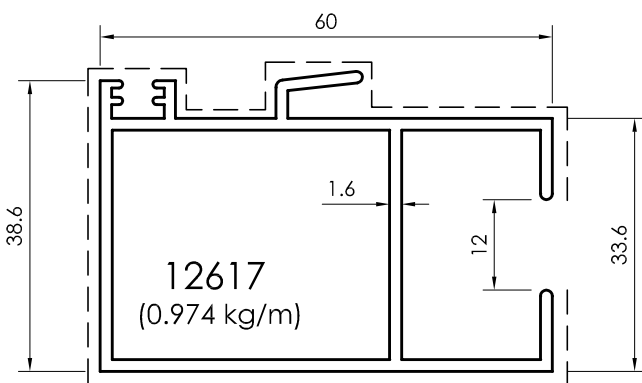
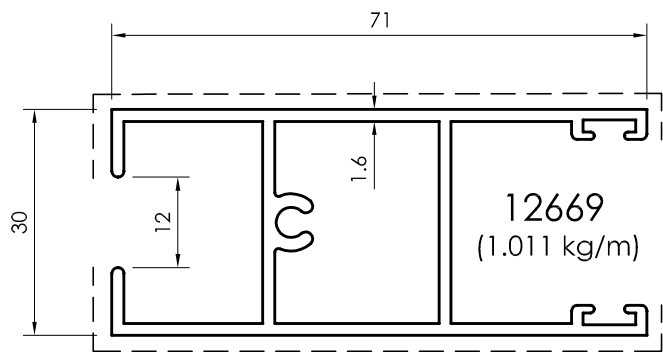
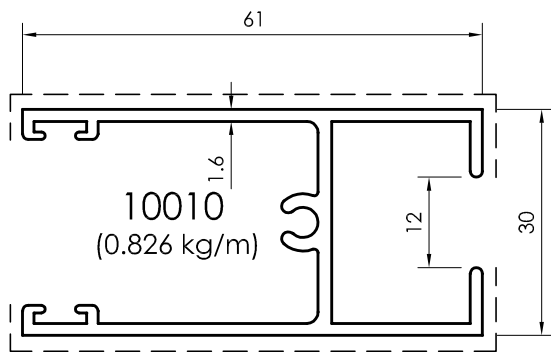
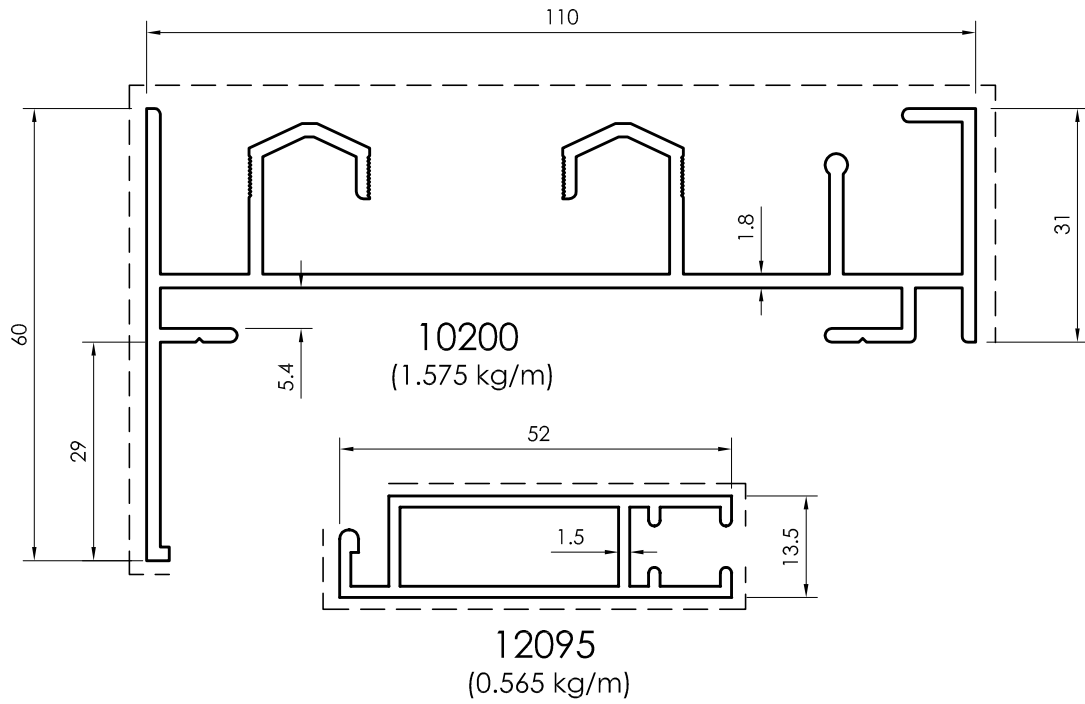
All dimensions in mm
 - - - - - Visible area

Sliding Window - 110mm



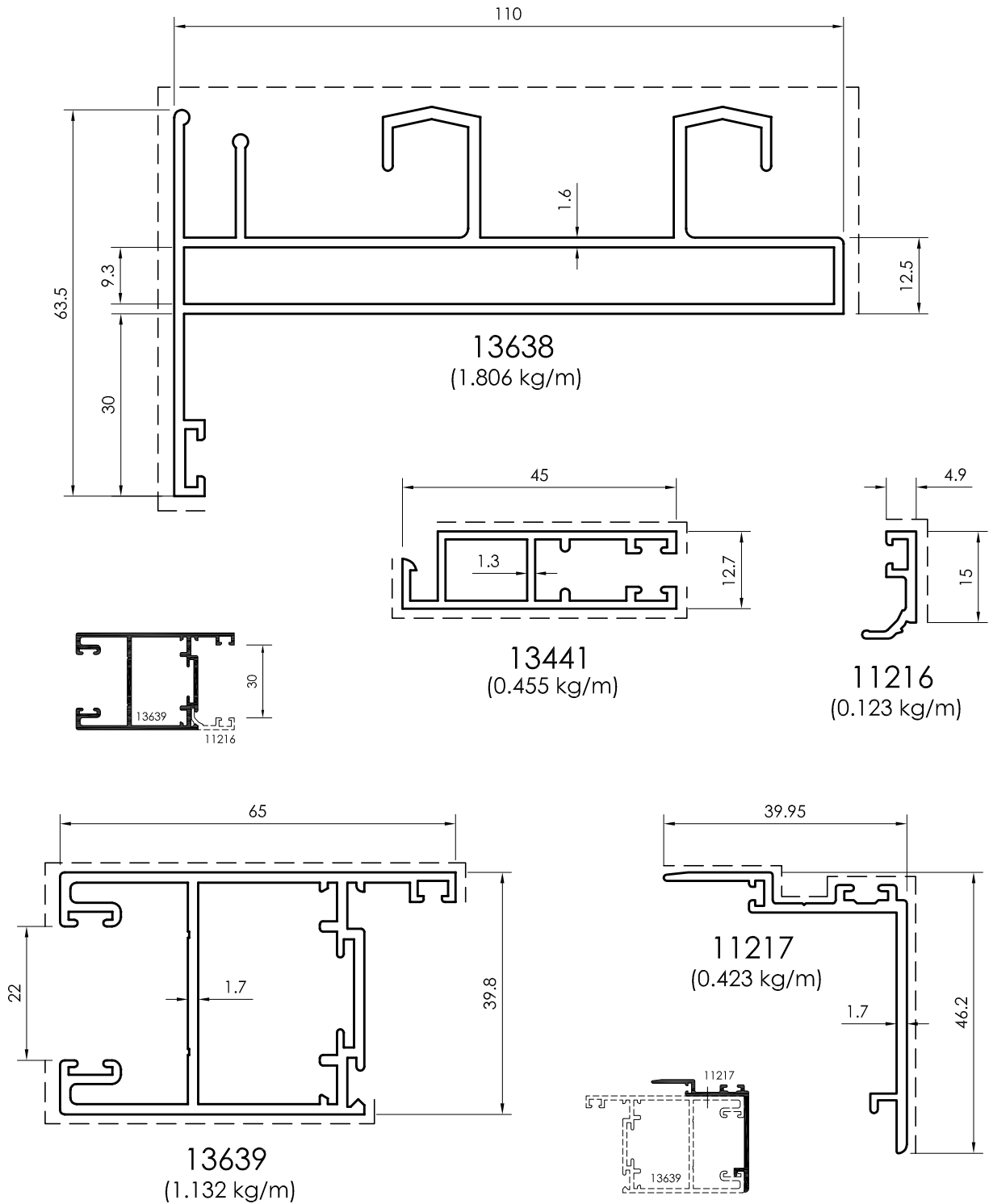
All dimensions in mm
Visible area_-----

Sliding Window - 110mm



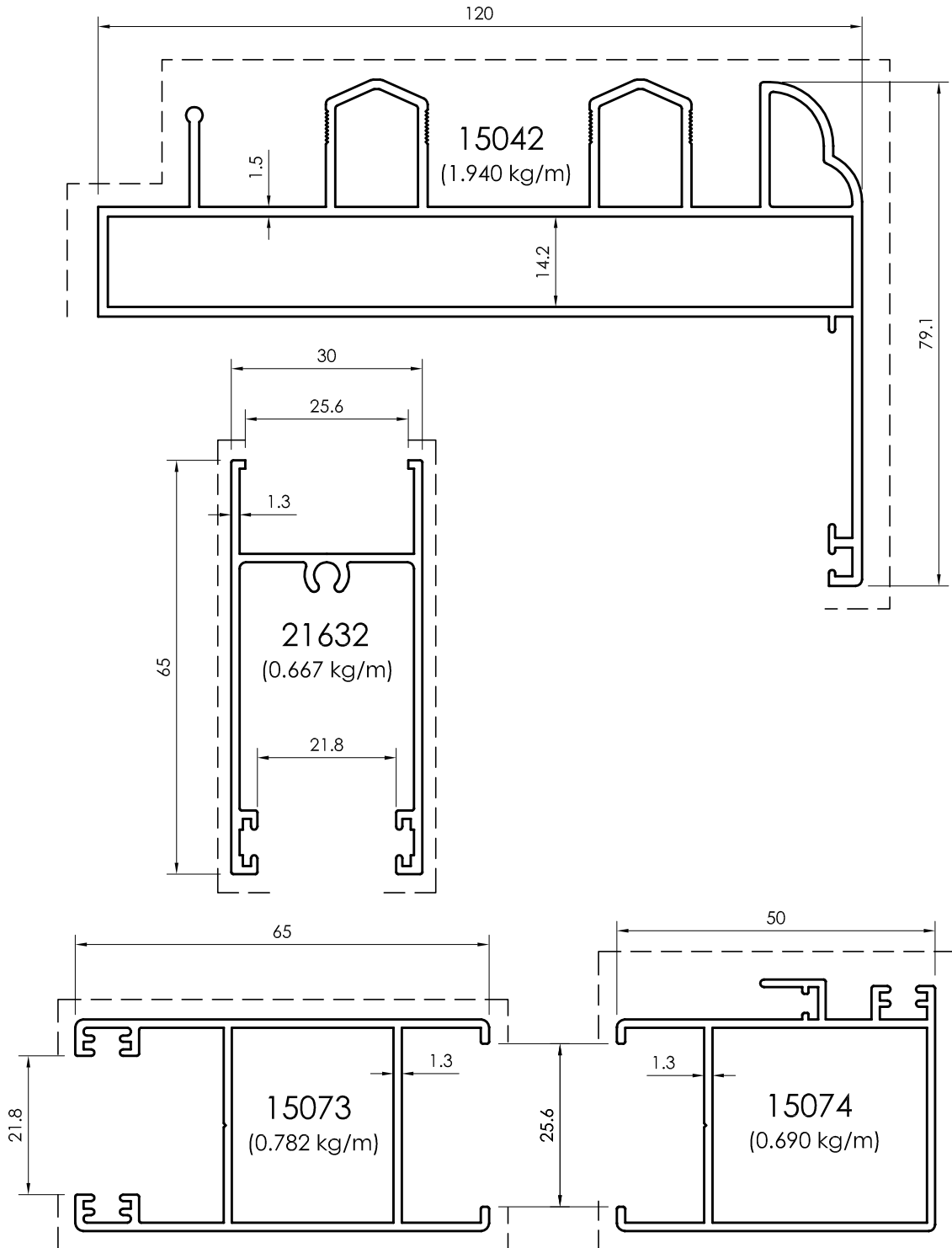
All dimensions in mm
 ----- Visible area

Sliding Window - 110mm



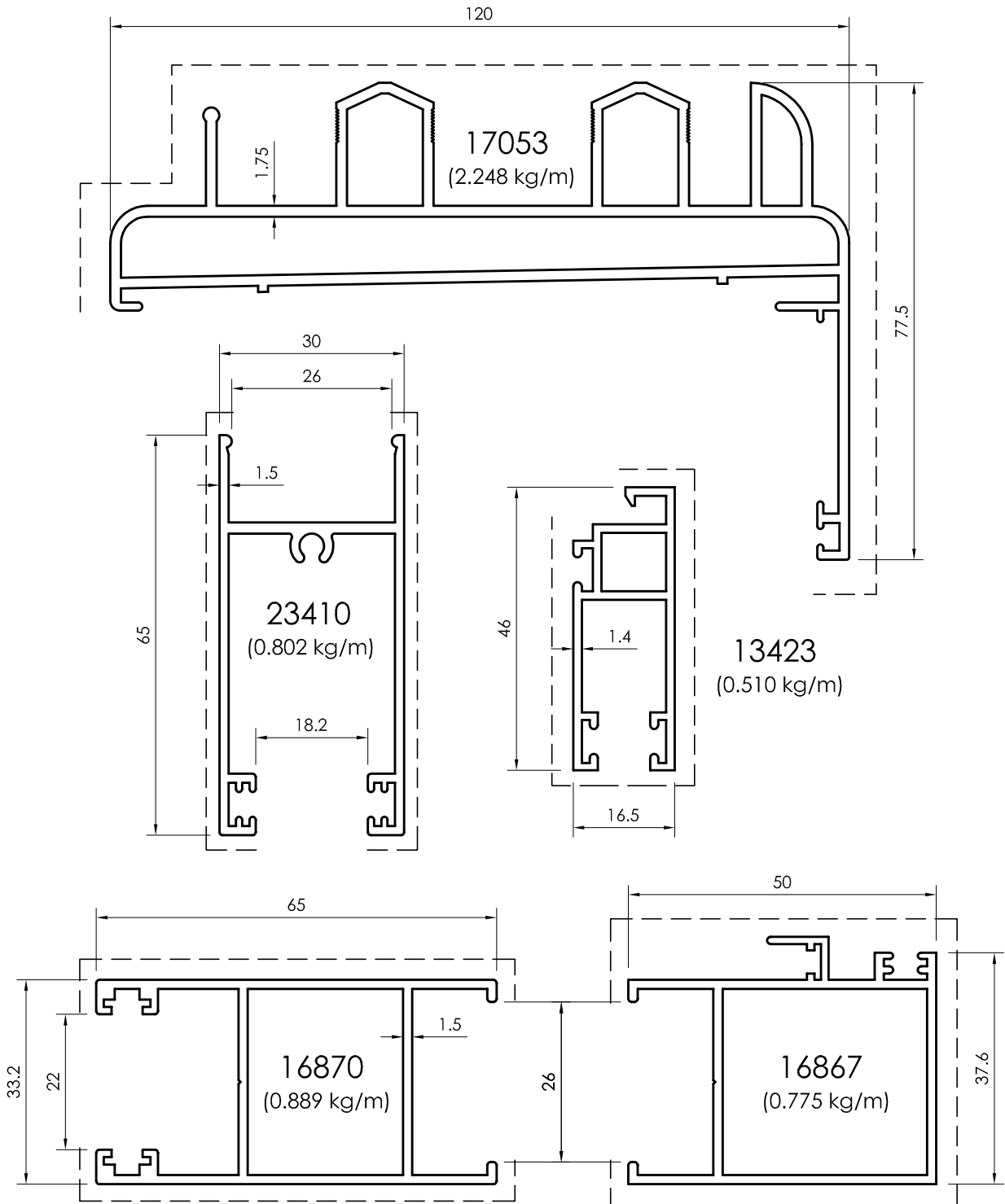
All dimensions in mm
Visible area_____

Sliding Window - 120mm



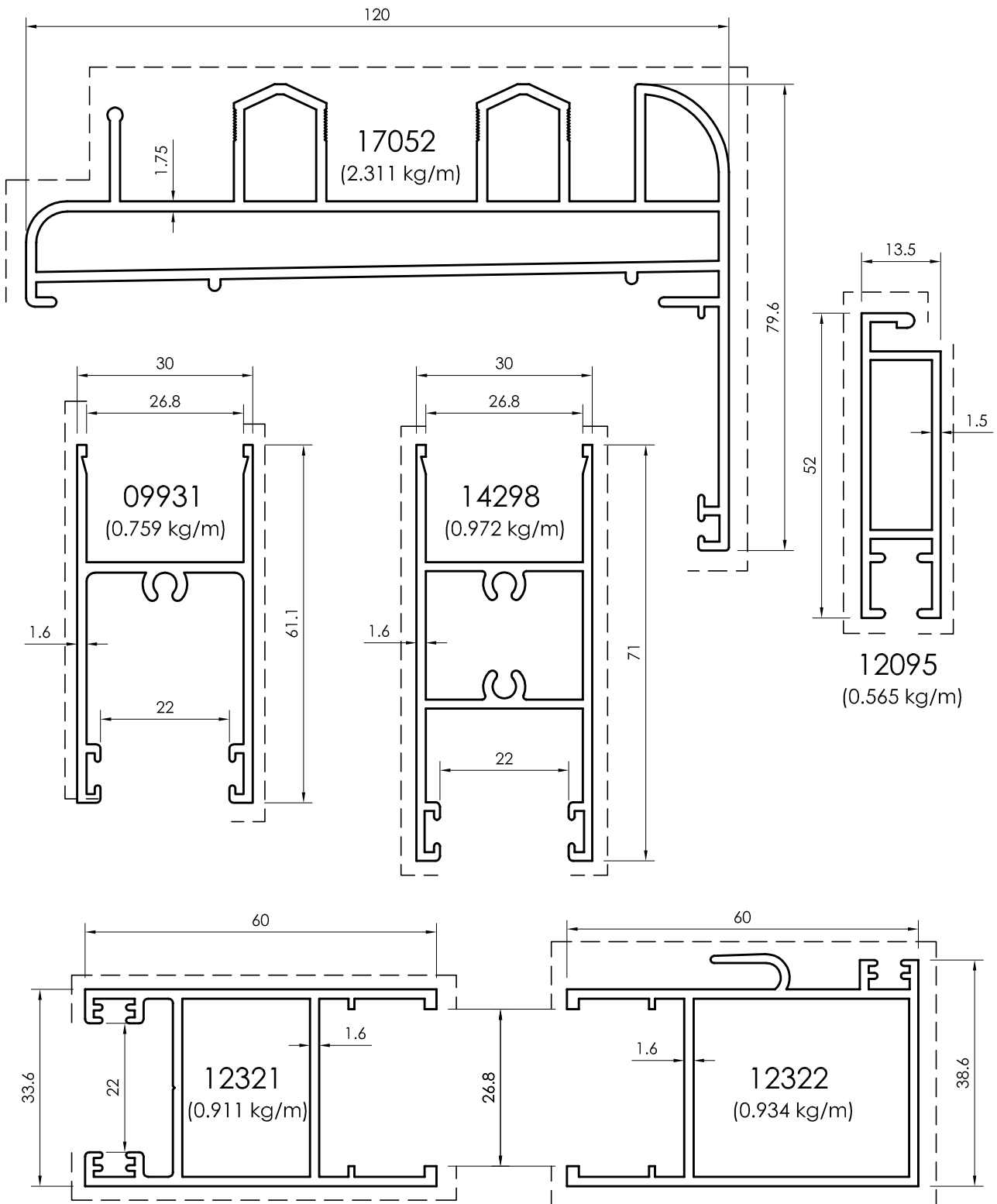
All dimensions in mm
 ----- Visible area

Sliding Window - 120mm



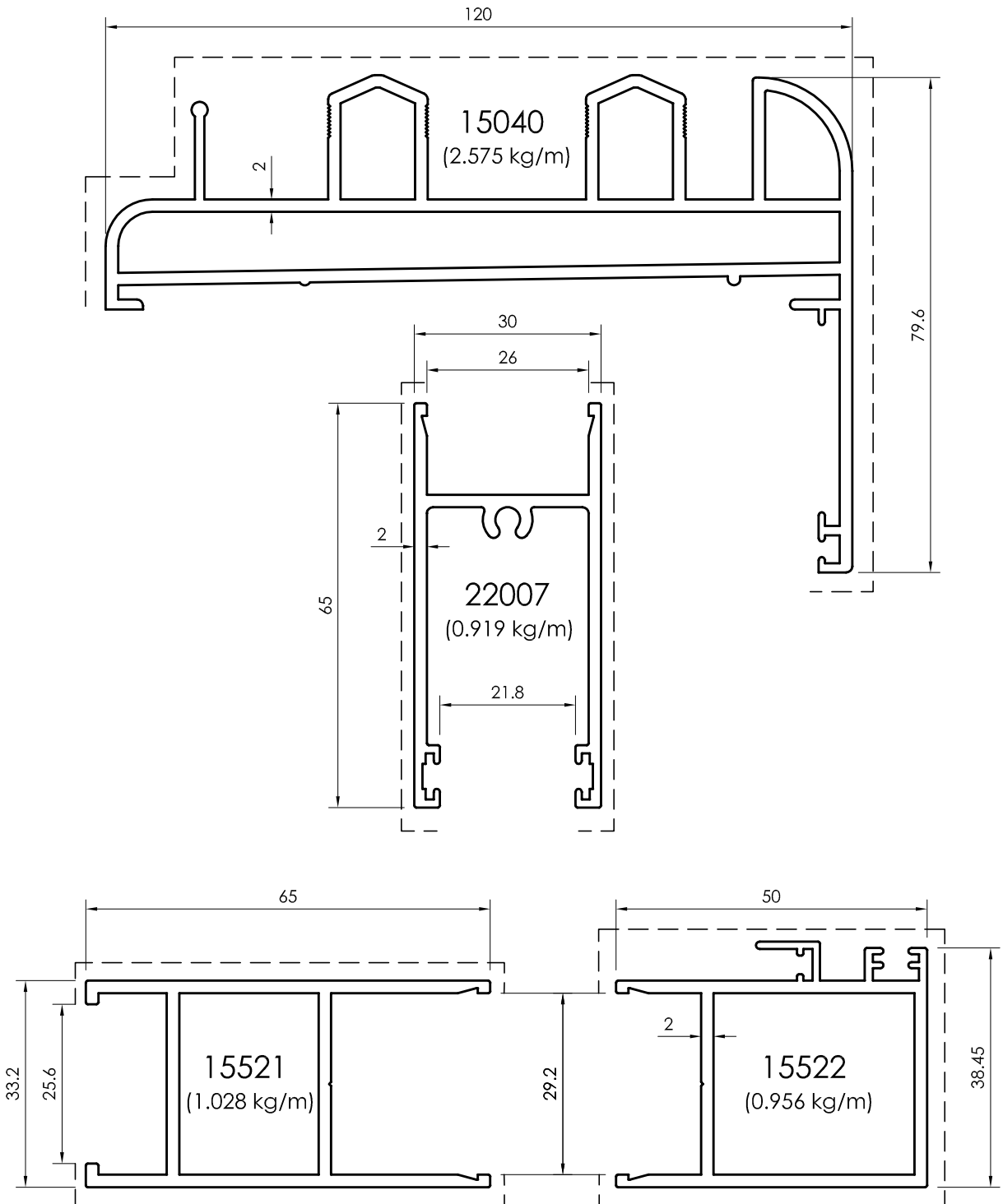
All dimensions in mm
Visible area_____

Sliding Window - 120mm



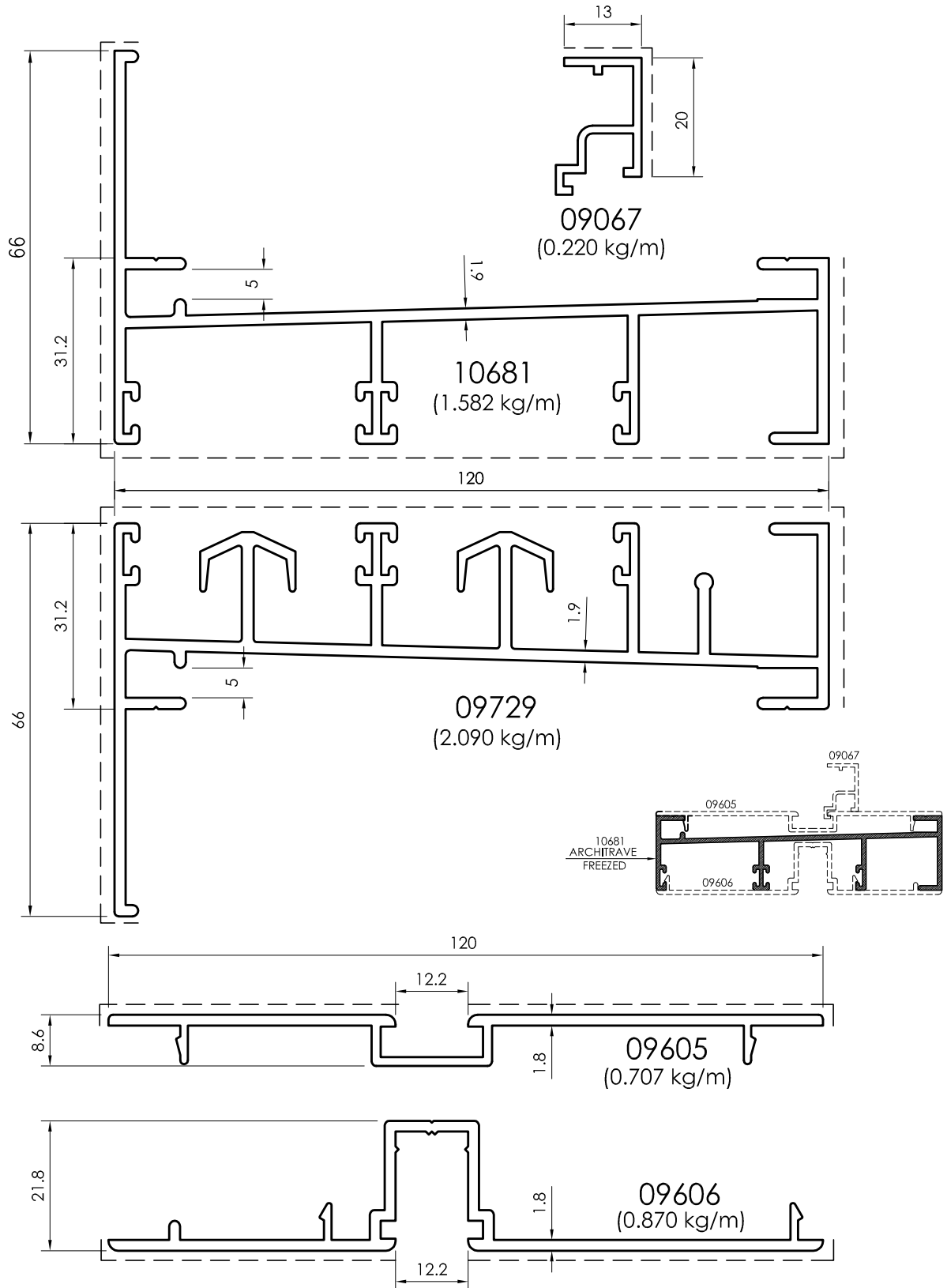
All dimensions in mm
 ----- Visible area

Sliding Window - 120mm



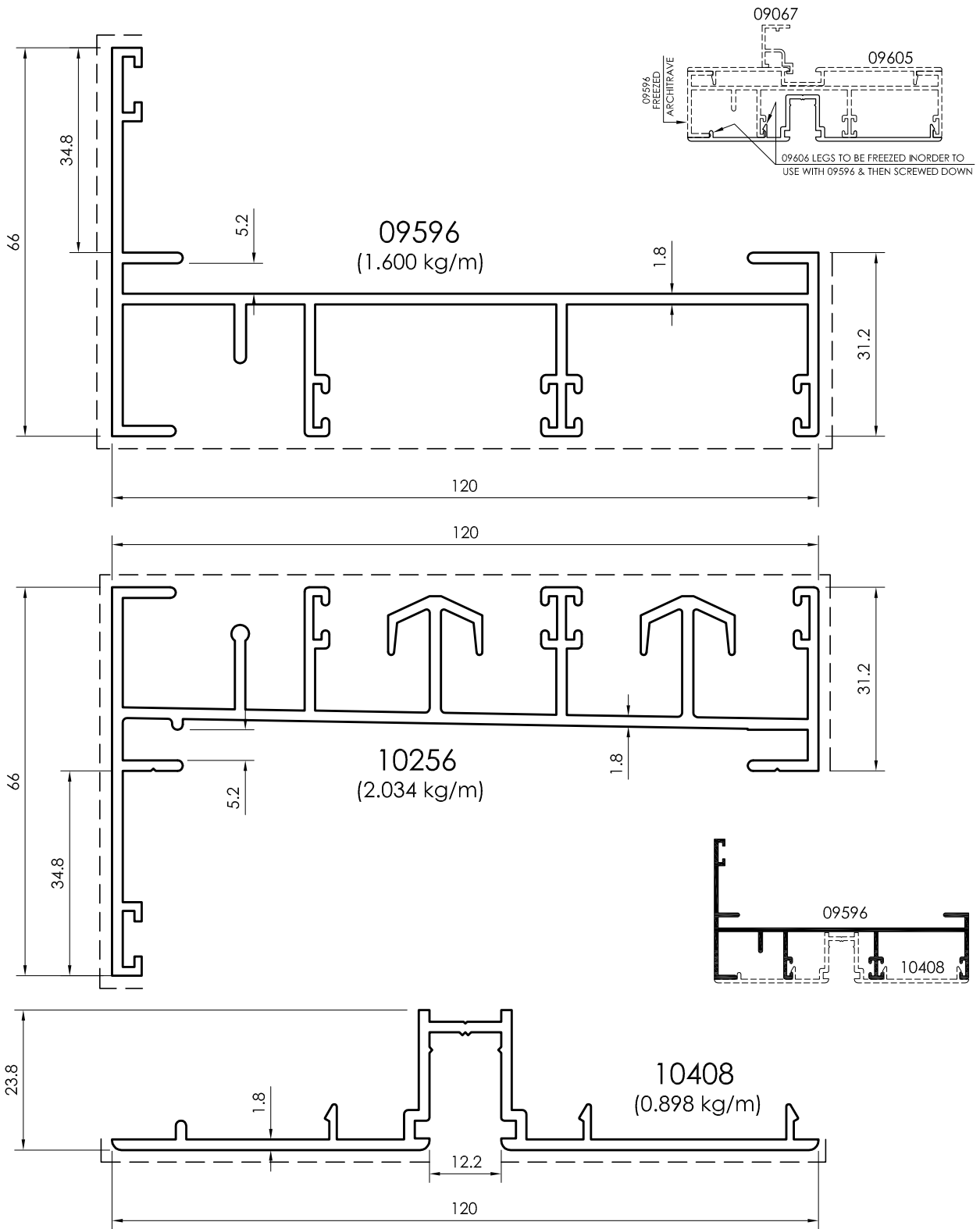
All dimensions in mm
Visible area_-----

Sliding Window - 120mm
Fly Screen Outside



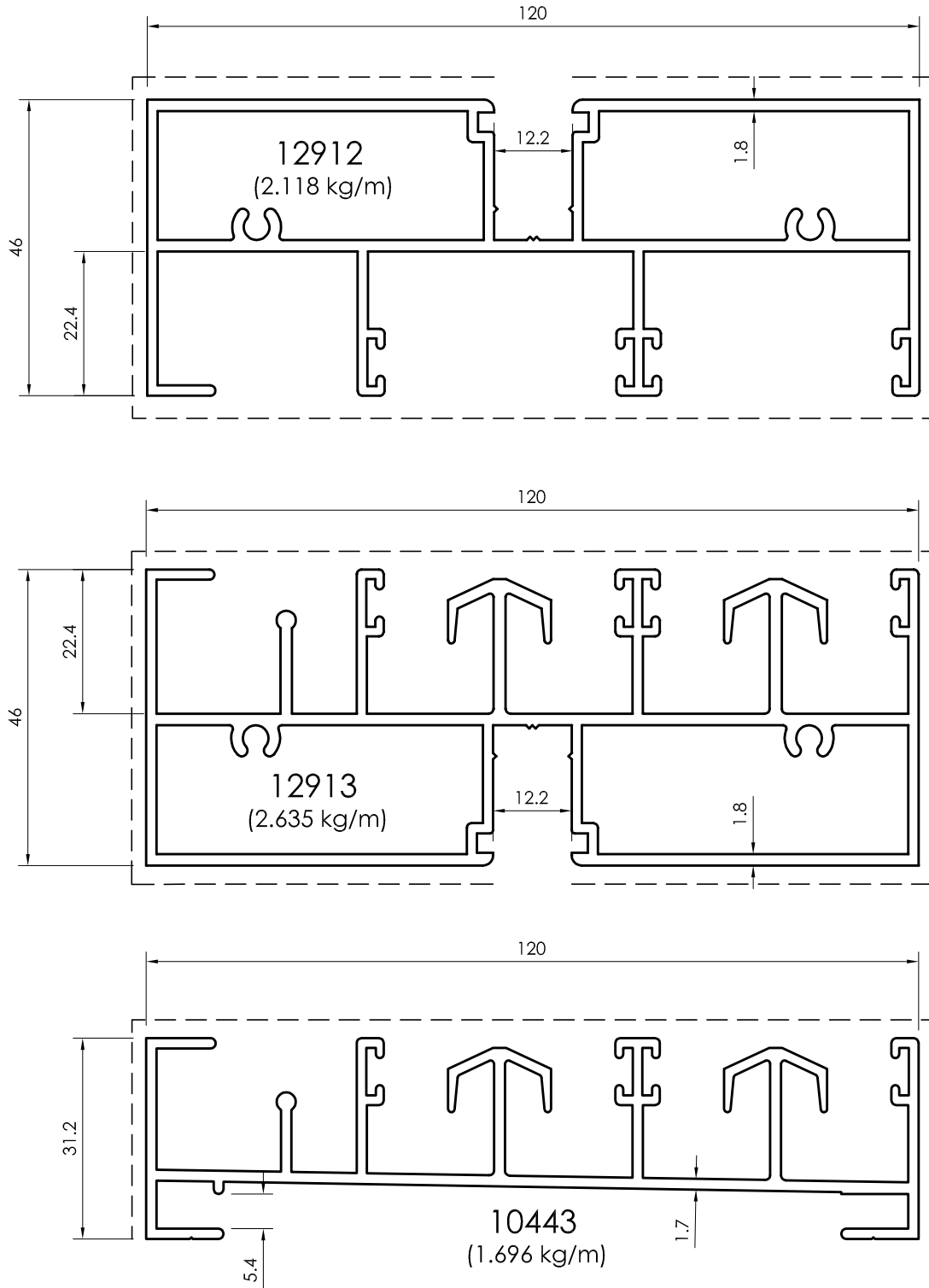
All dimensions in mm
----- Visible area

Sliding Window - 120mm
Fly Screen Inside



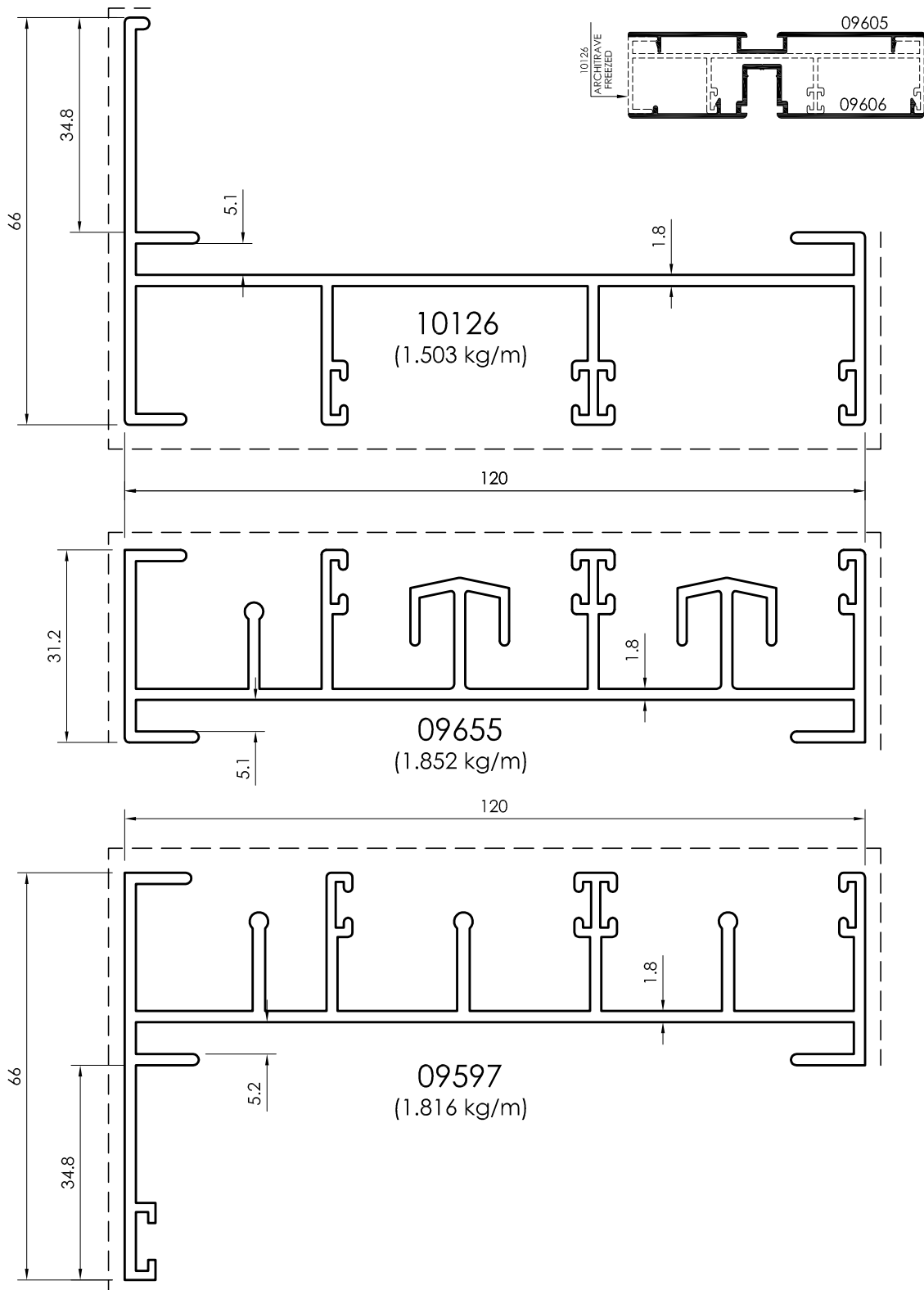
All dimensions in mm
Visible area_-----

Sliding Window - 120mm
Fly Screen Inside



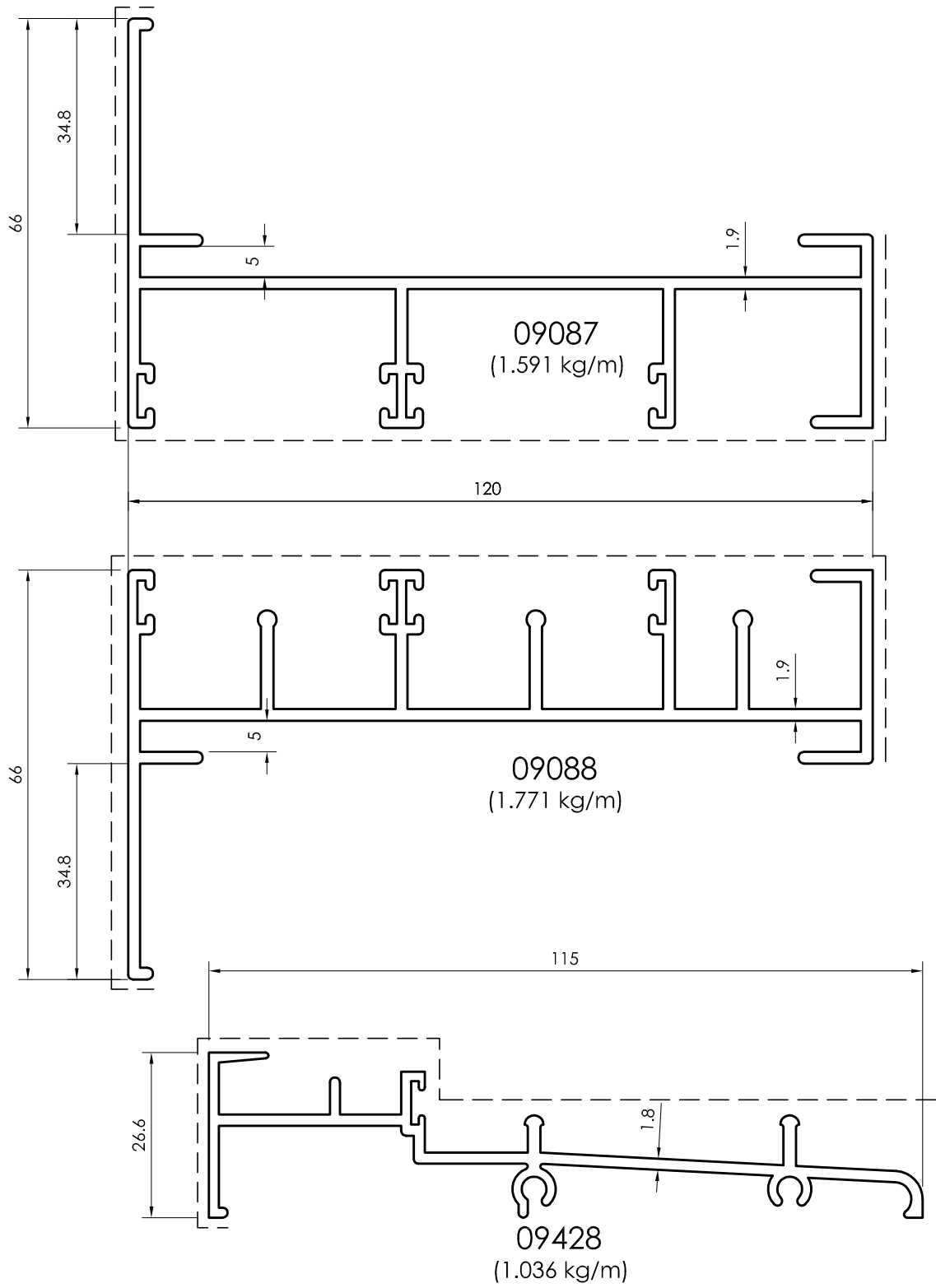
All dimensions in mm
----- Visible area

Sliding Window - 120mm
Fly Screen Inside



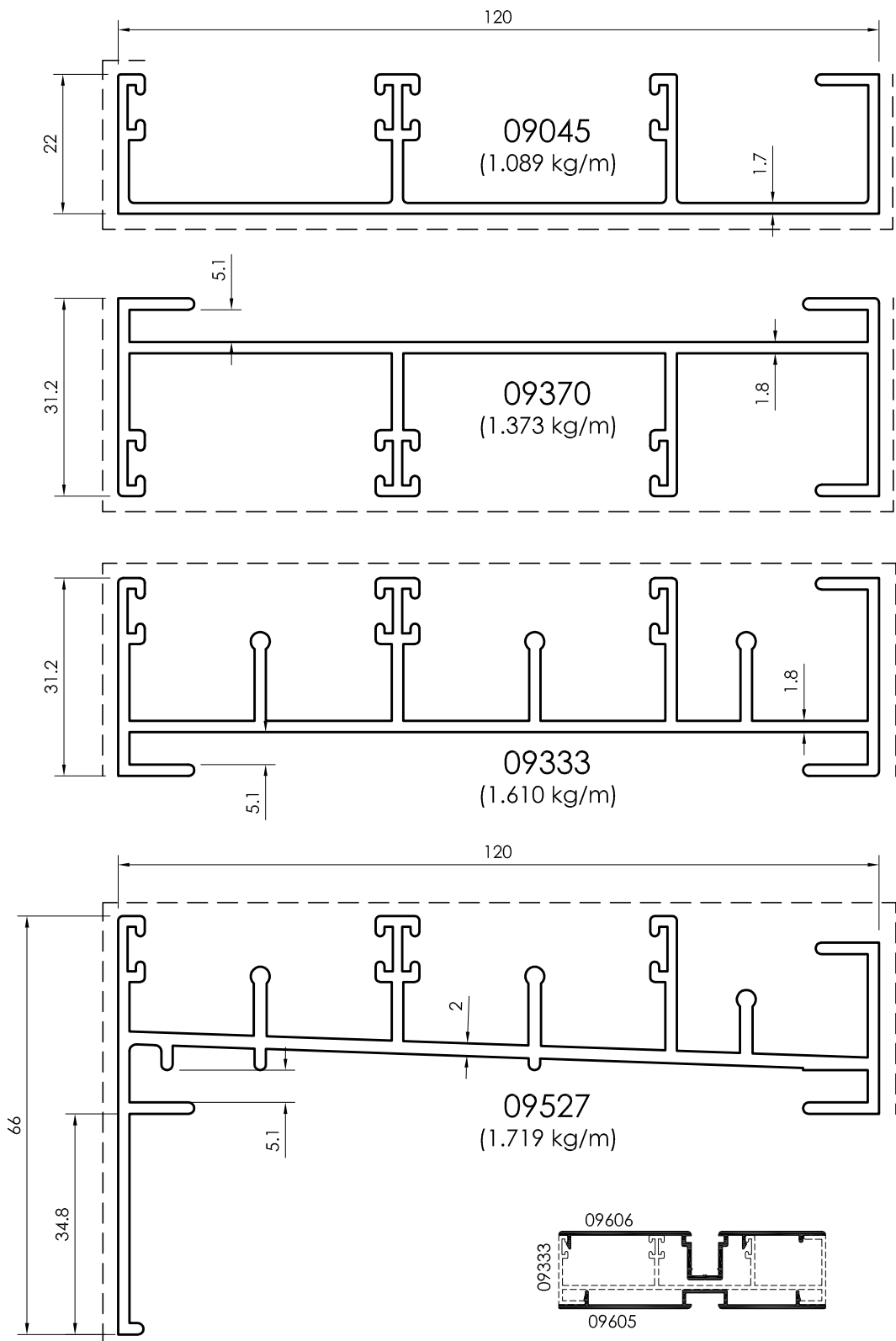
All dimensions in mm
Visible area_____

Sliding Window - 120mm



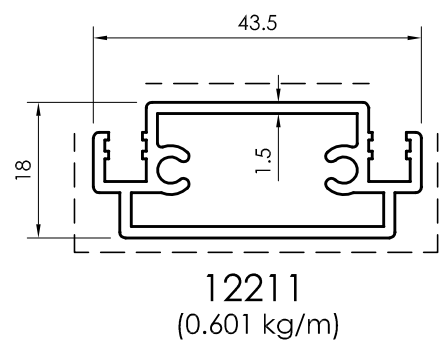
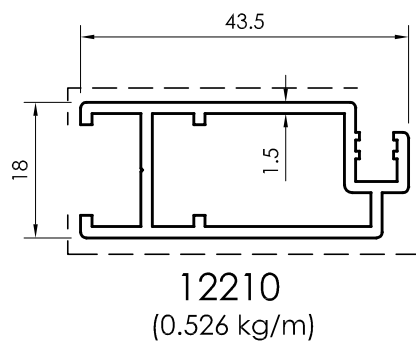
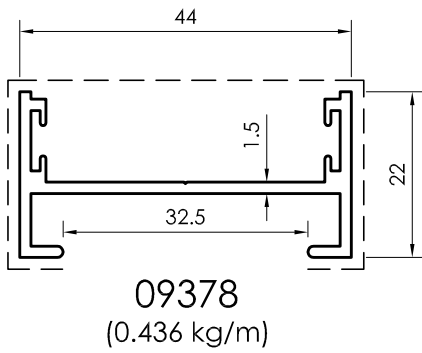
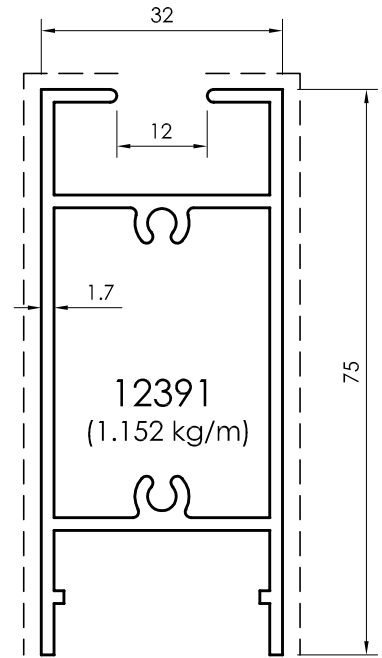
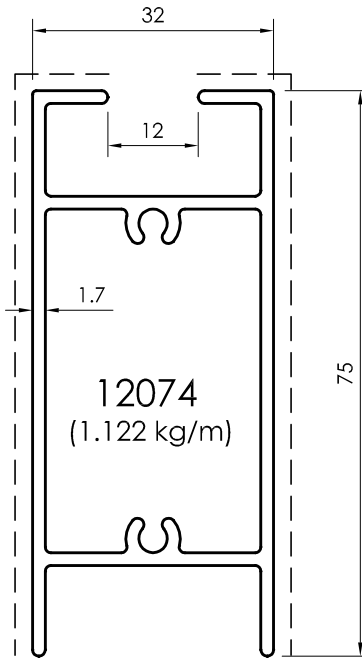
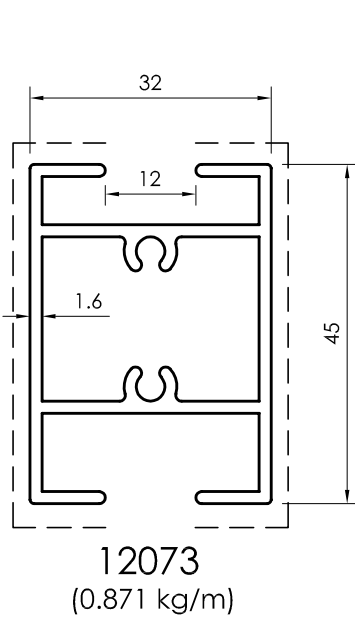
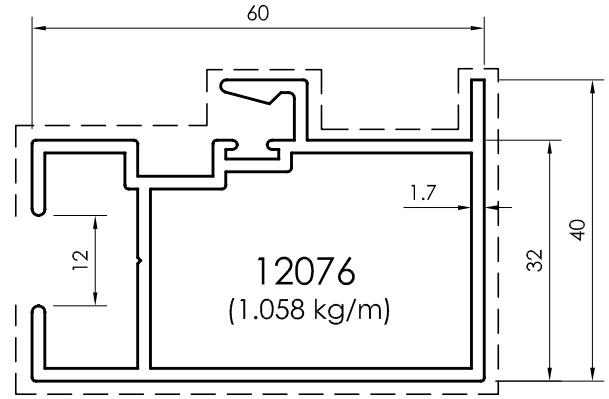
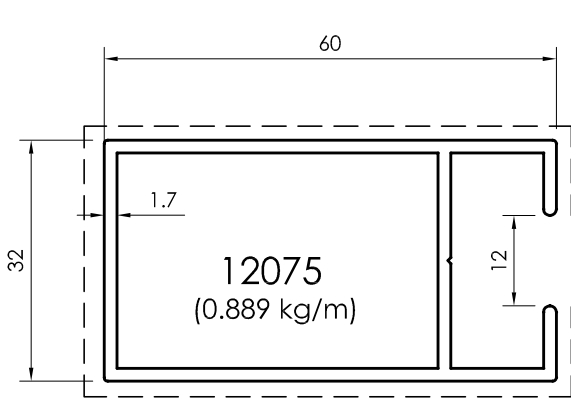
All dimensions in mm
 ----- Visible area

Sliding Window - 120mm
Fly Screen Outside



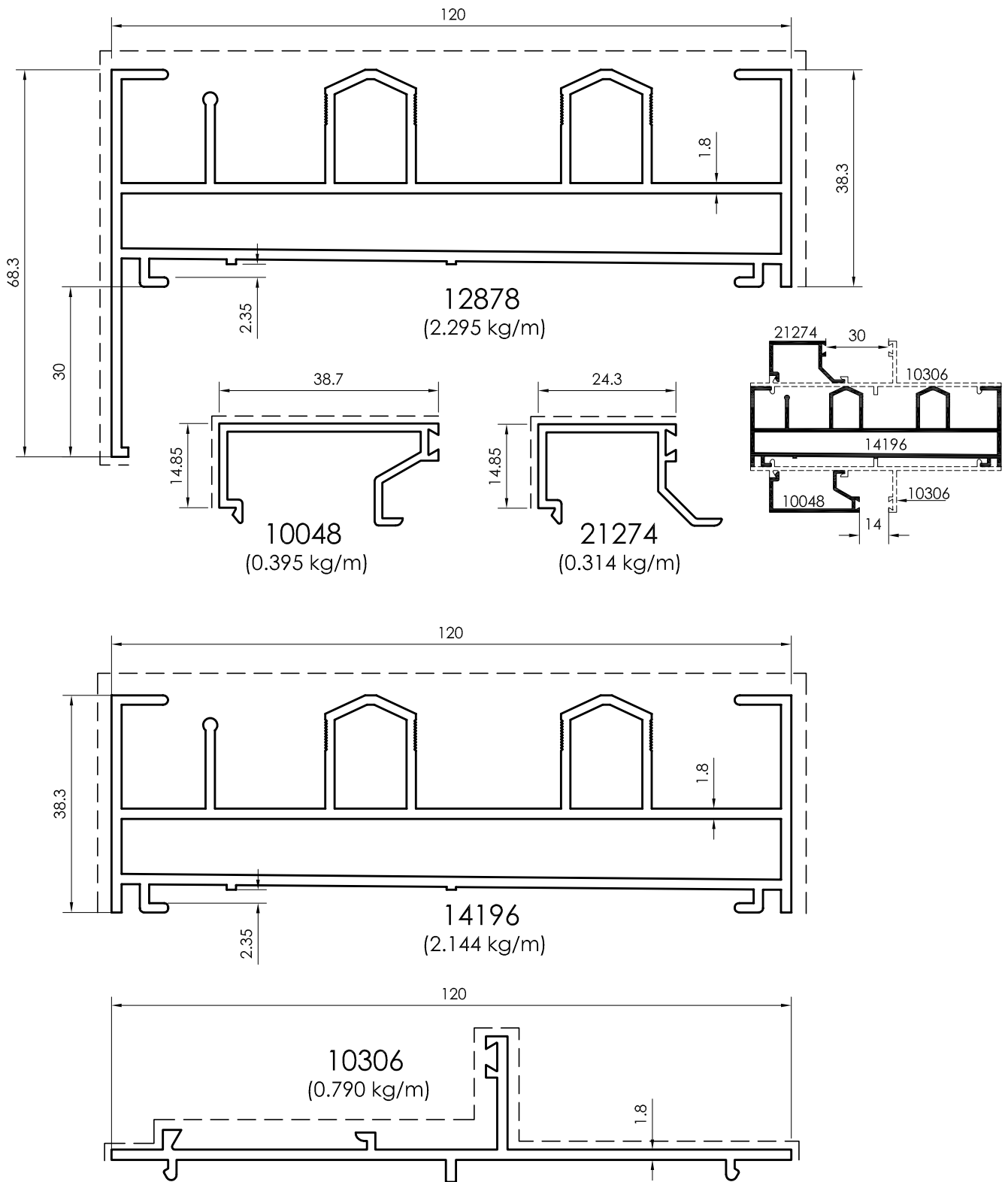
All dimensions in mm
Visible area_-----

Sliding Window - 120mm



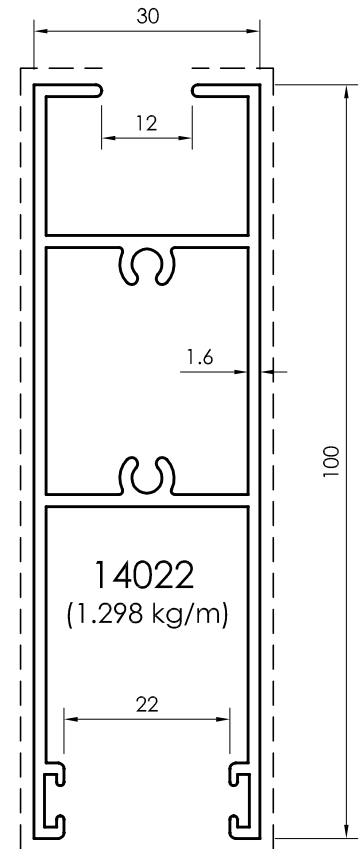
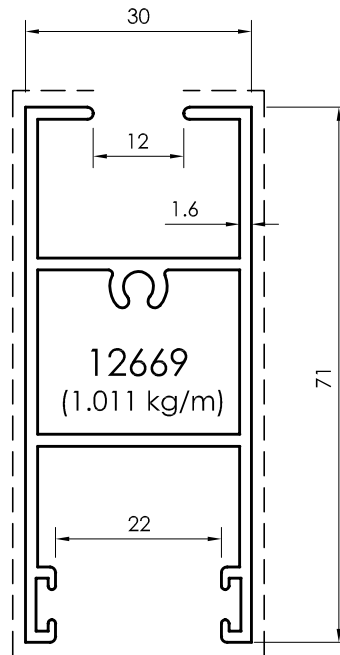
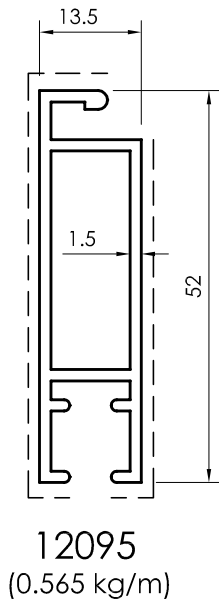
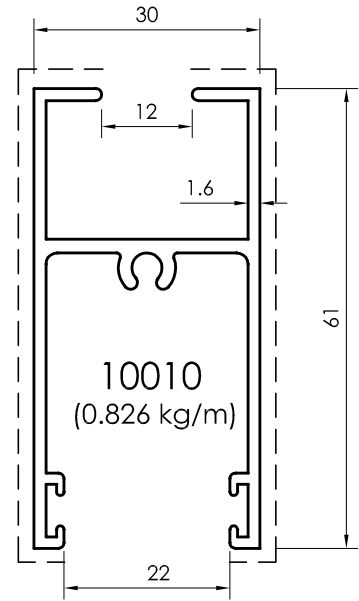
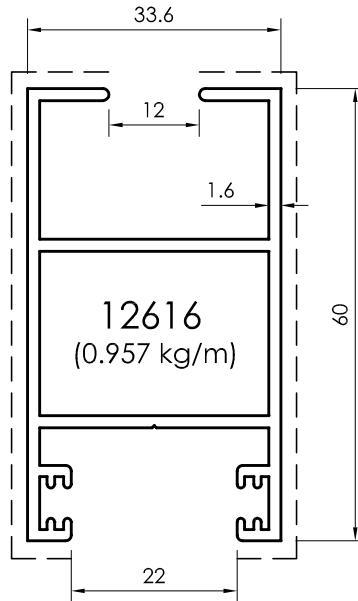
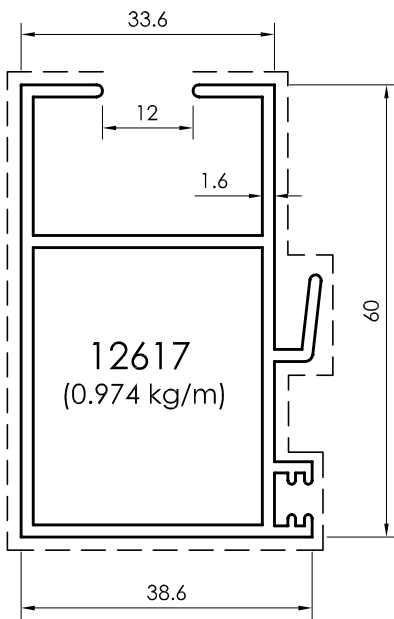
All dimensions in mm
----- Visible area

Sliding Window - 120mm
Fly Screen Inside



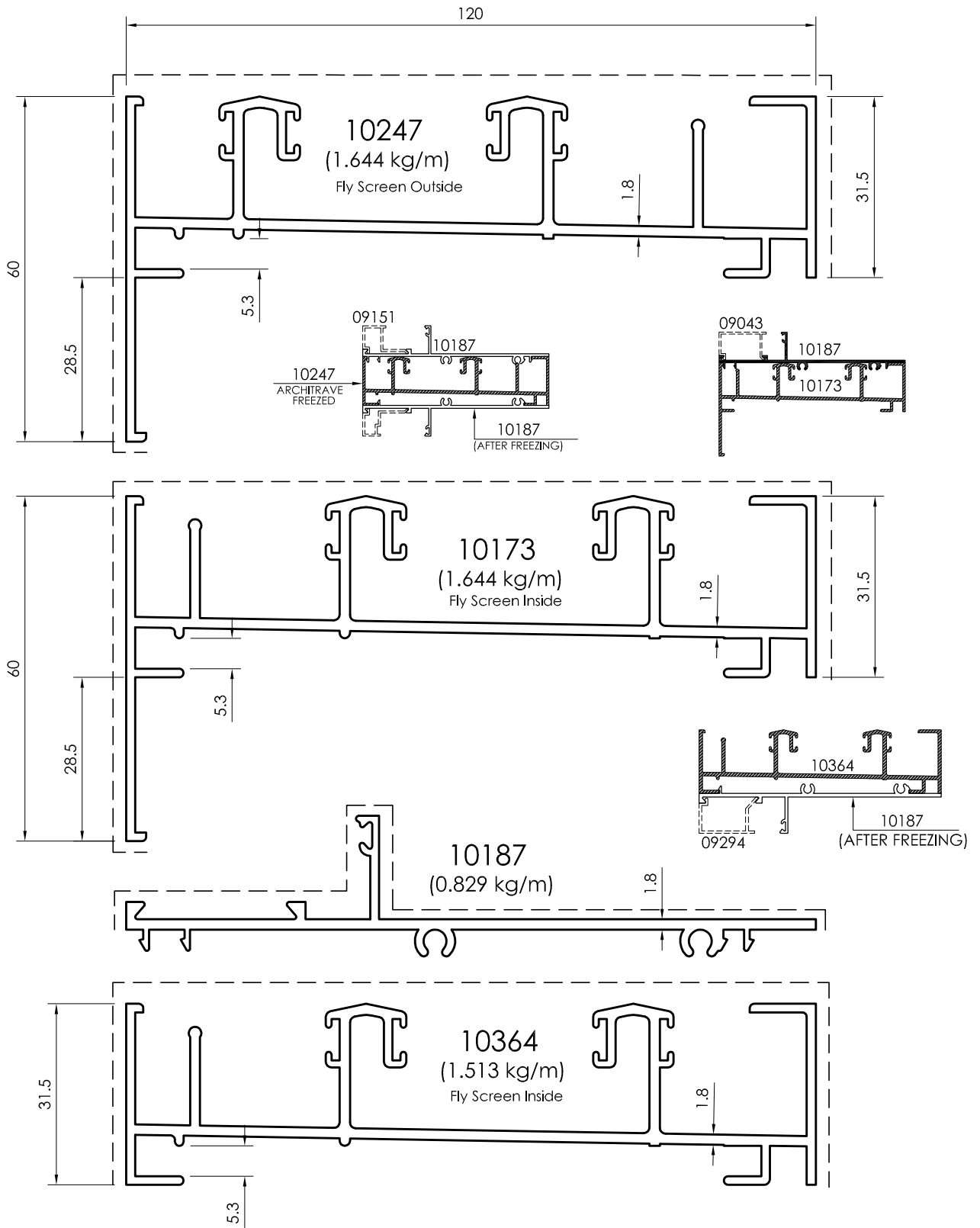
All dimensions in mm
Visible area_-----

Sliding Window - 120mm



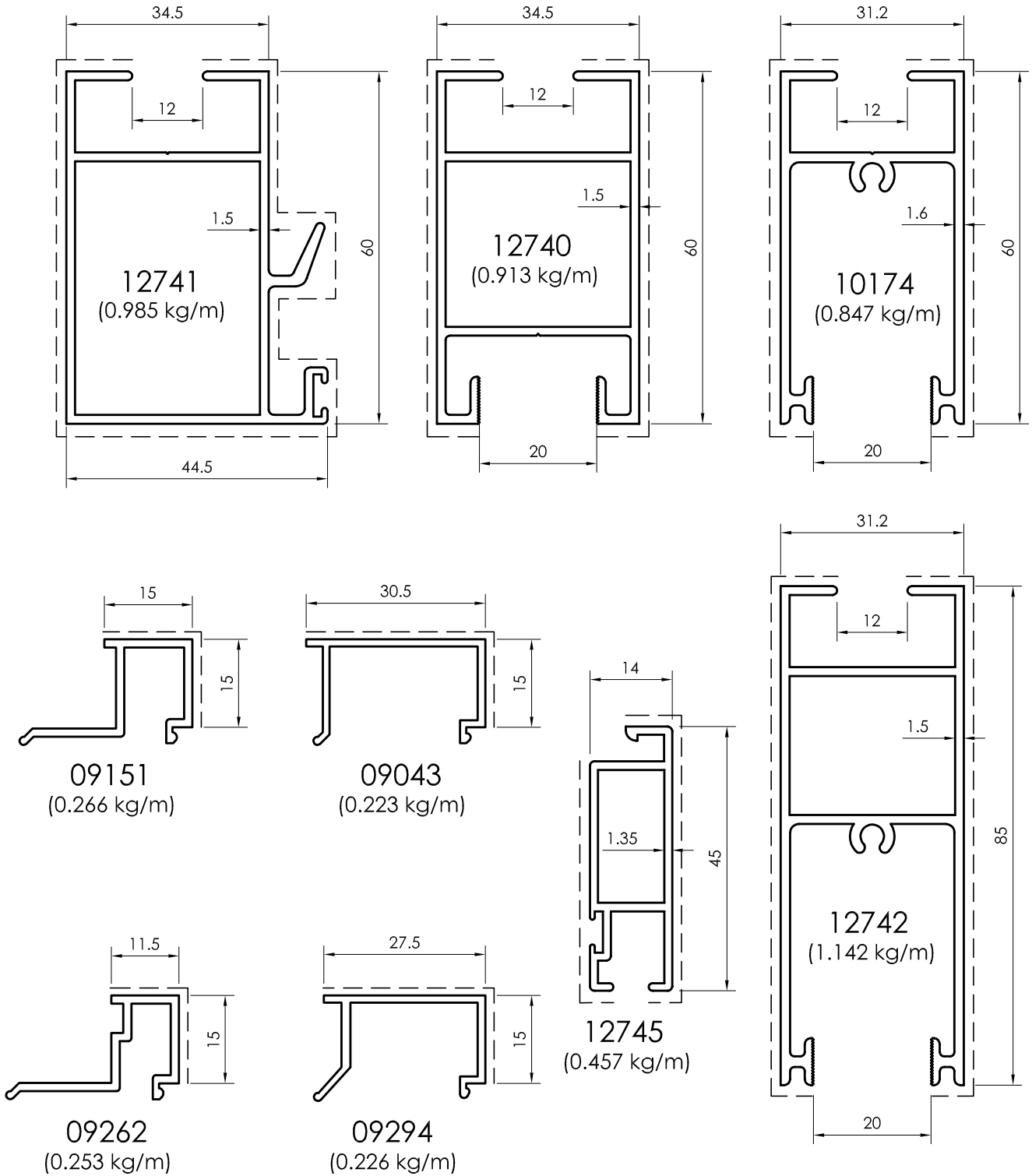
All dimensions in mm
 - - - - - Visible area

Sliding Window - 120mm



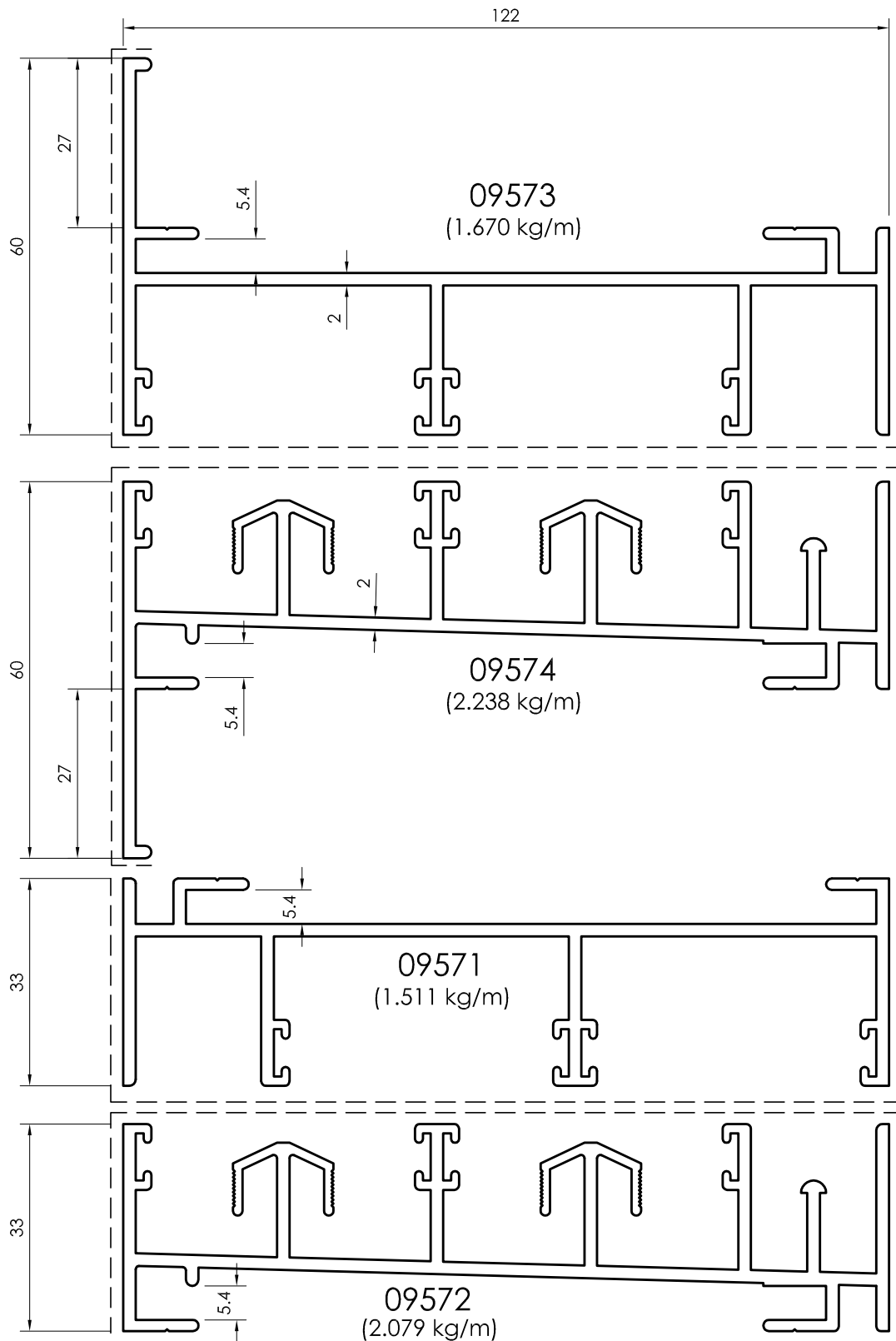
All dimensions in mm
Visible area_-----

Sliding Window - 120mm



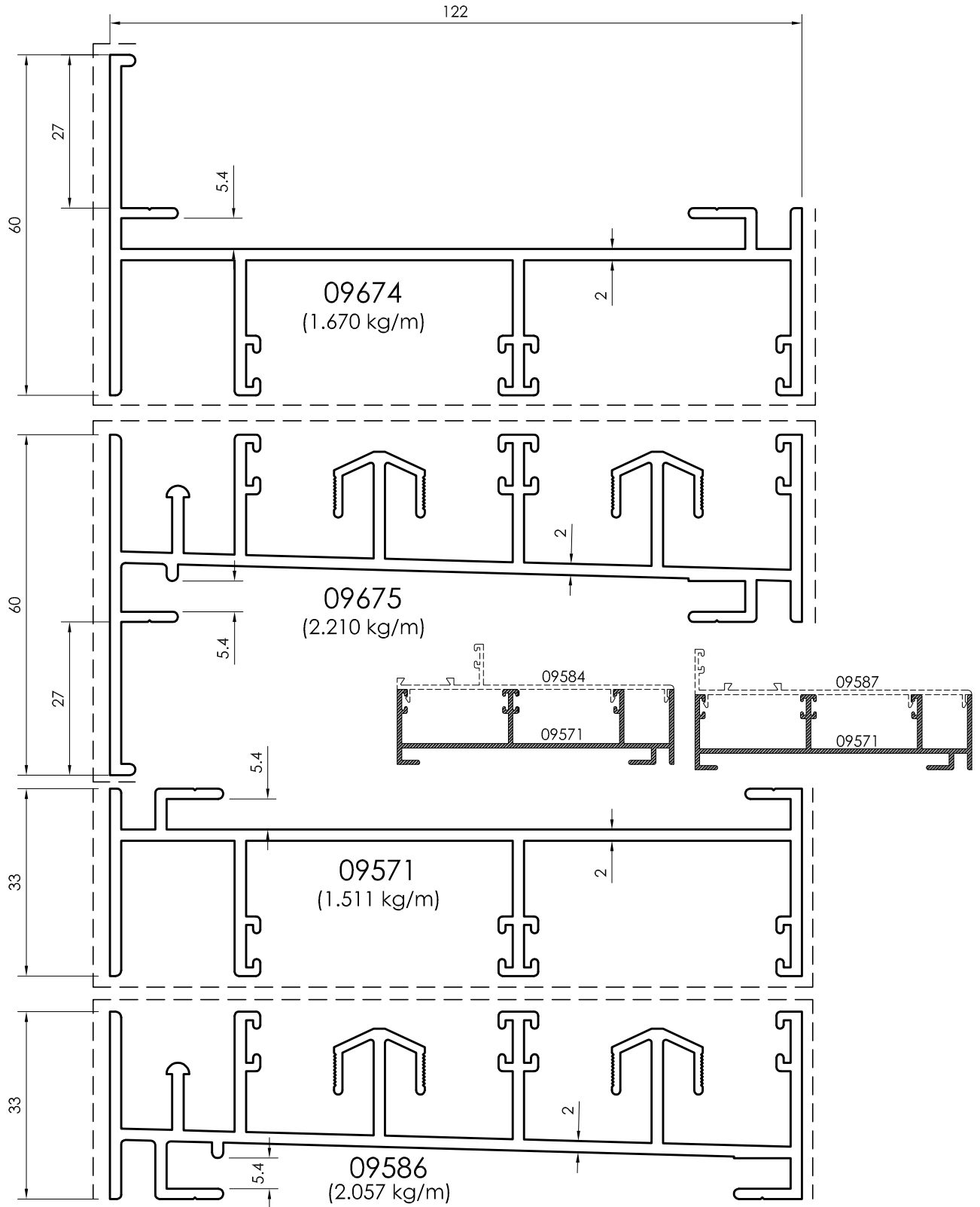
All dimensions in mm
 - - - - - Visible area

Sliding Window - 122mm
Fly Screen Outside



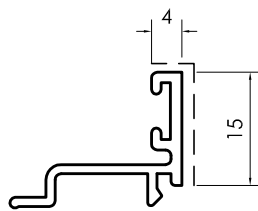
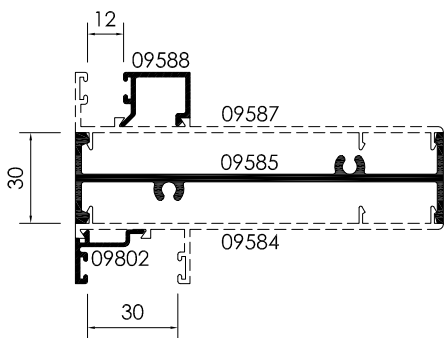
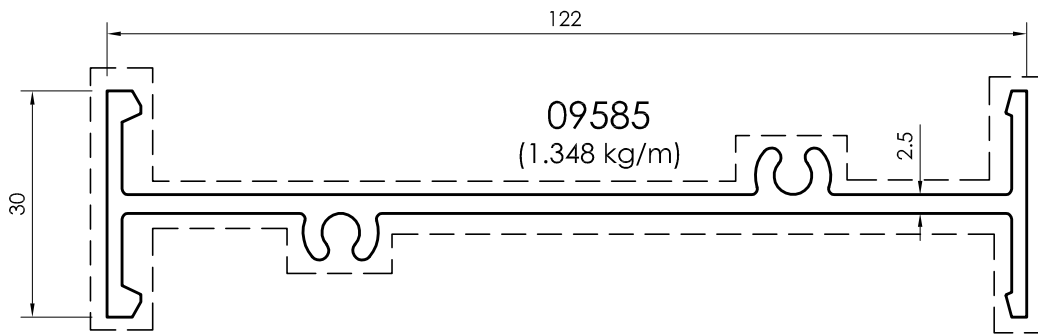
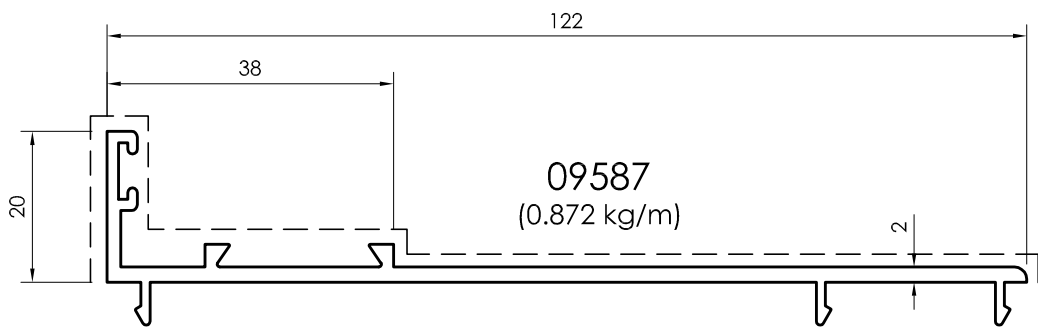
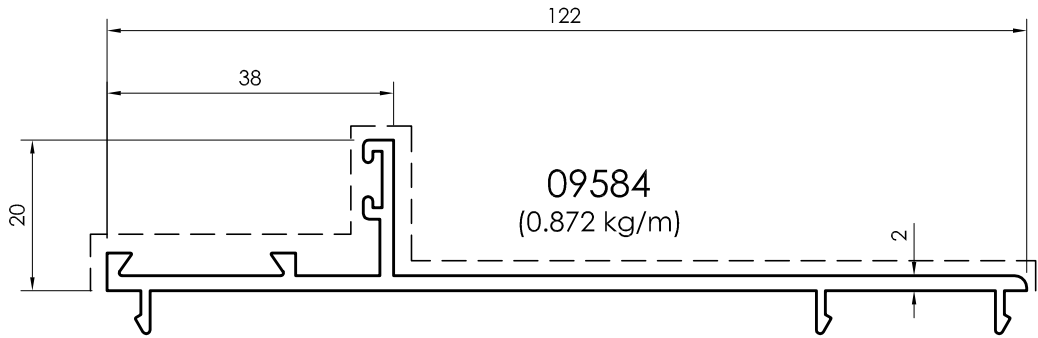
All dimensions in mm
Visible area_-----

Sliding Window - 122mm
Fly Screen Inside

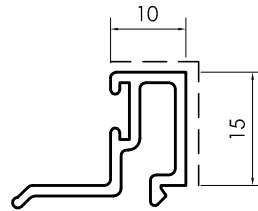


All dimensions in mm
----- Visible area

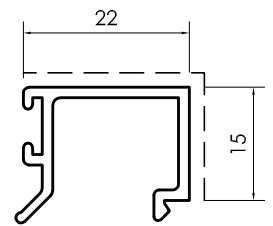
Sliding Window - 122mm



09802
(0.184 kg/m)
For 24mm Glass



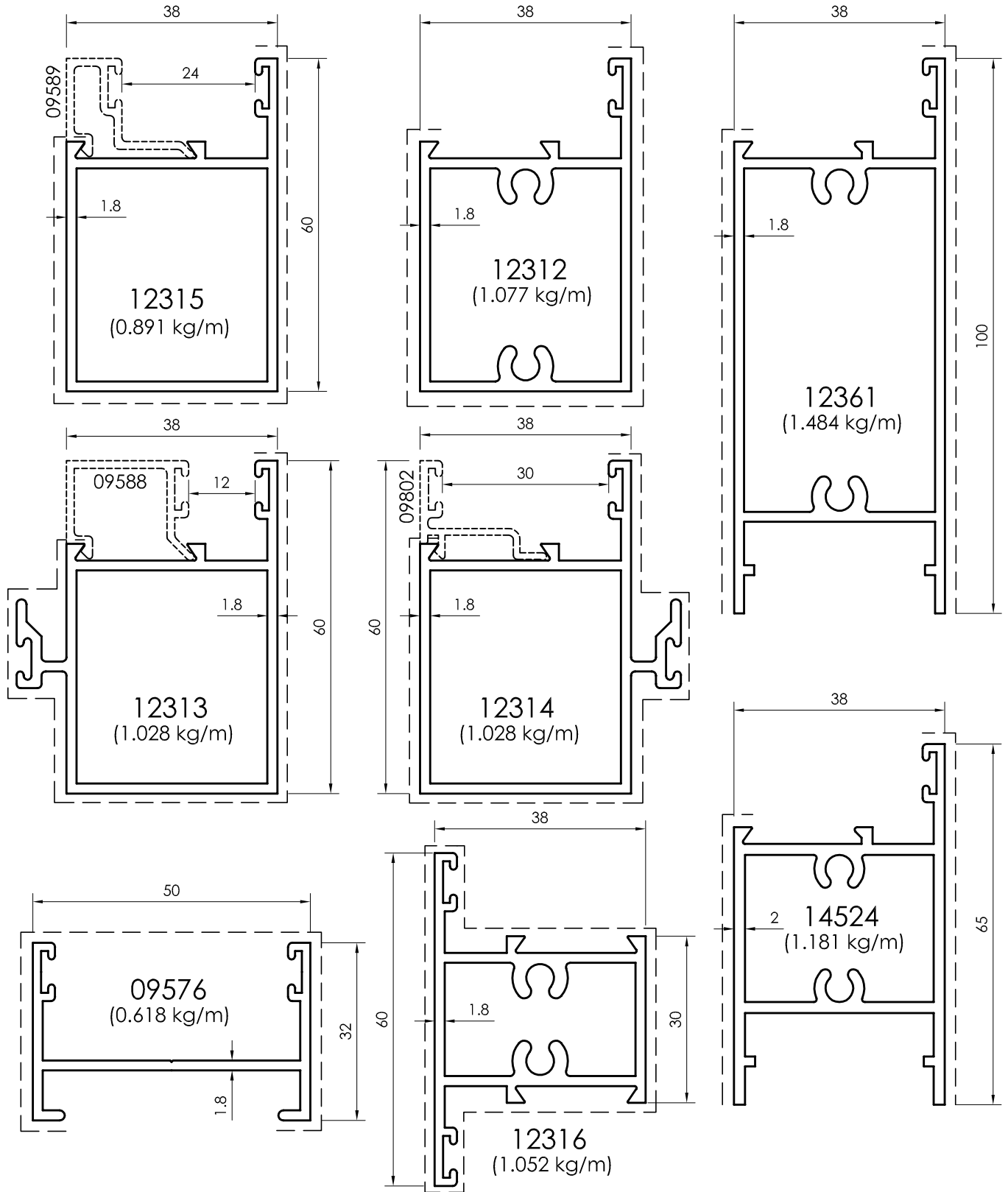
09589
(0.237 kg/m)
For 20mm Glass



09588
(0.246 kg/m)
For 6.0mm Glass

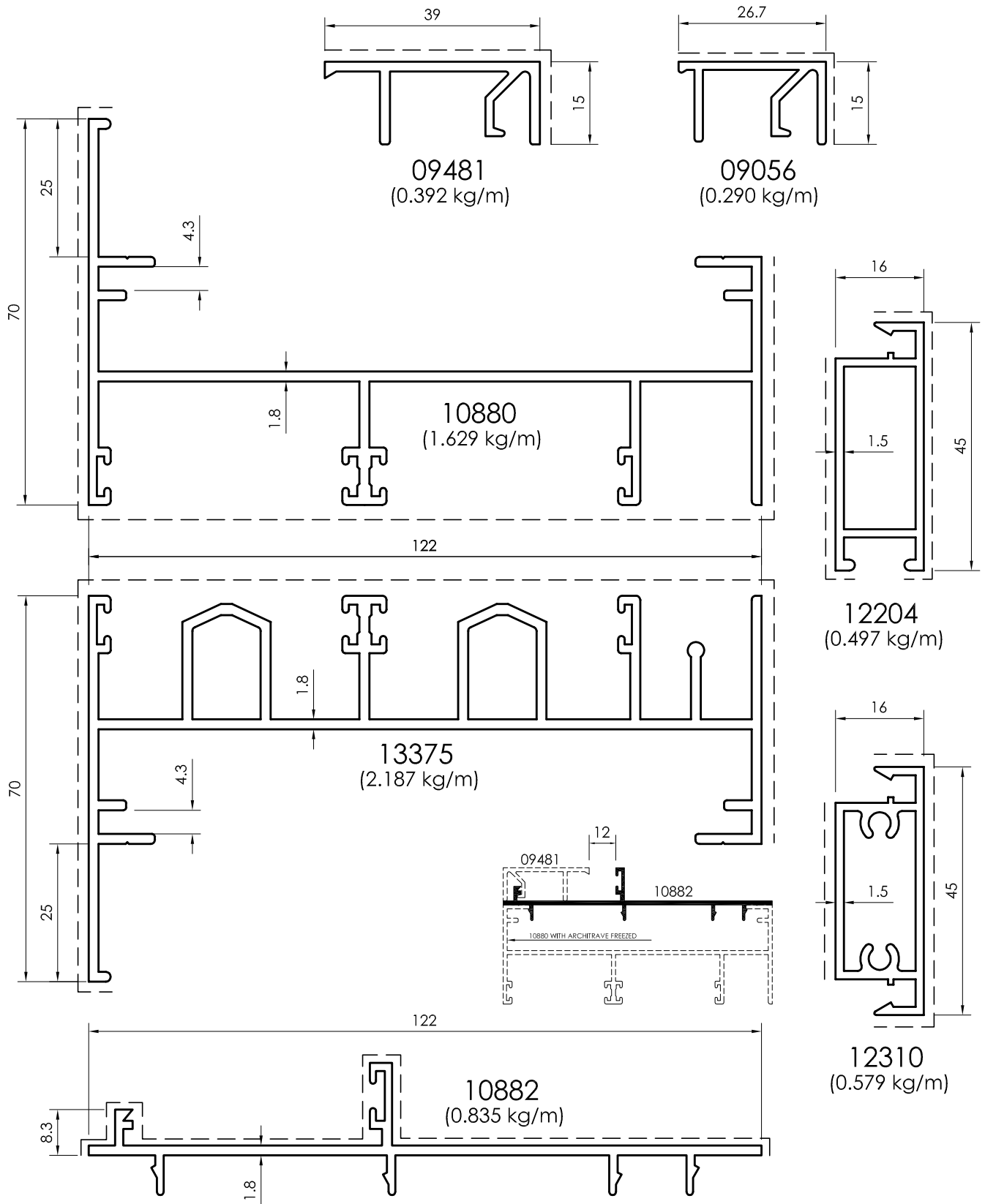
All dimensions in mm
Visible area_____

Sliding Window - 122mm



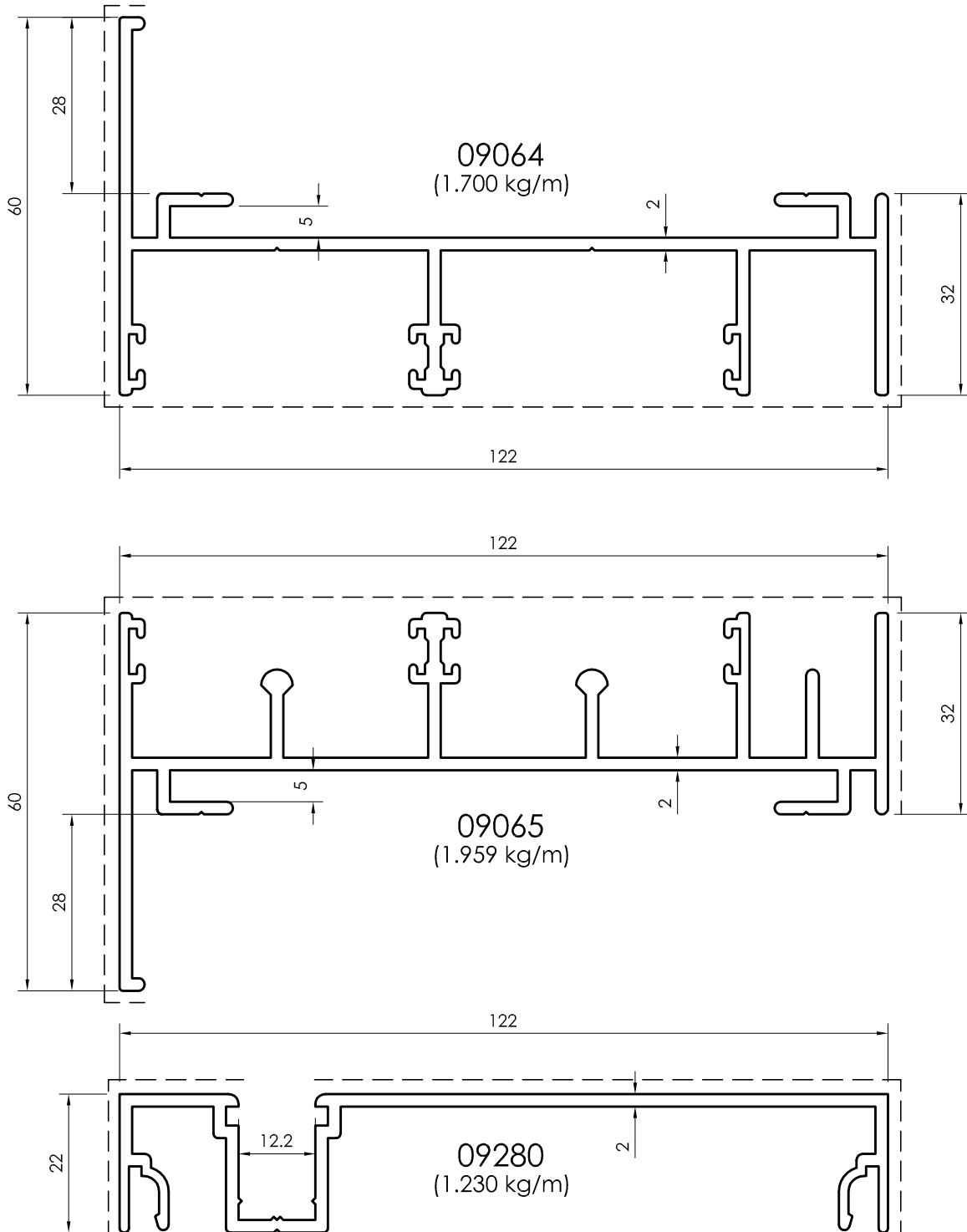
All dimensions in mm
 - - - - - Visible area

Sliding Window - 122mm
Fly Screen Outside



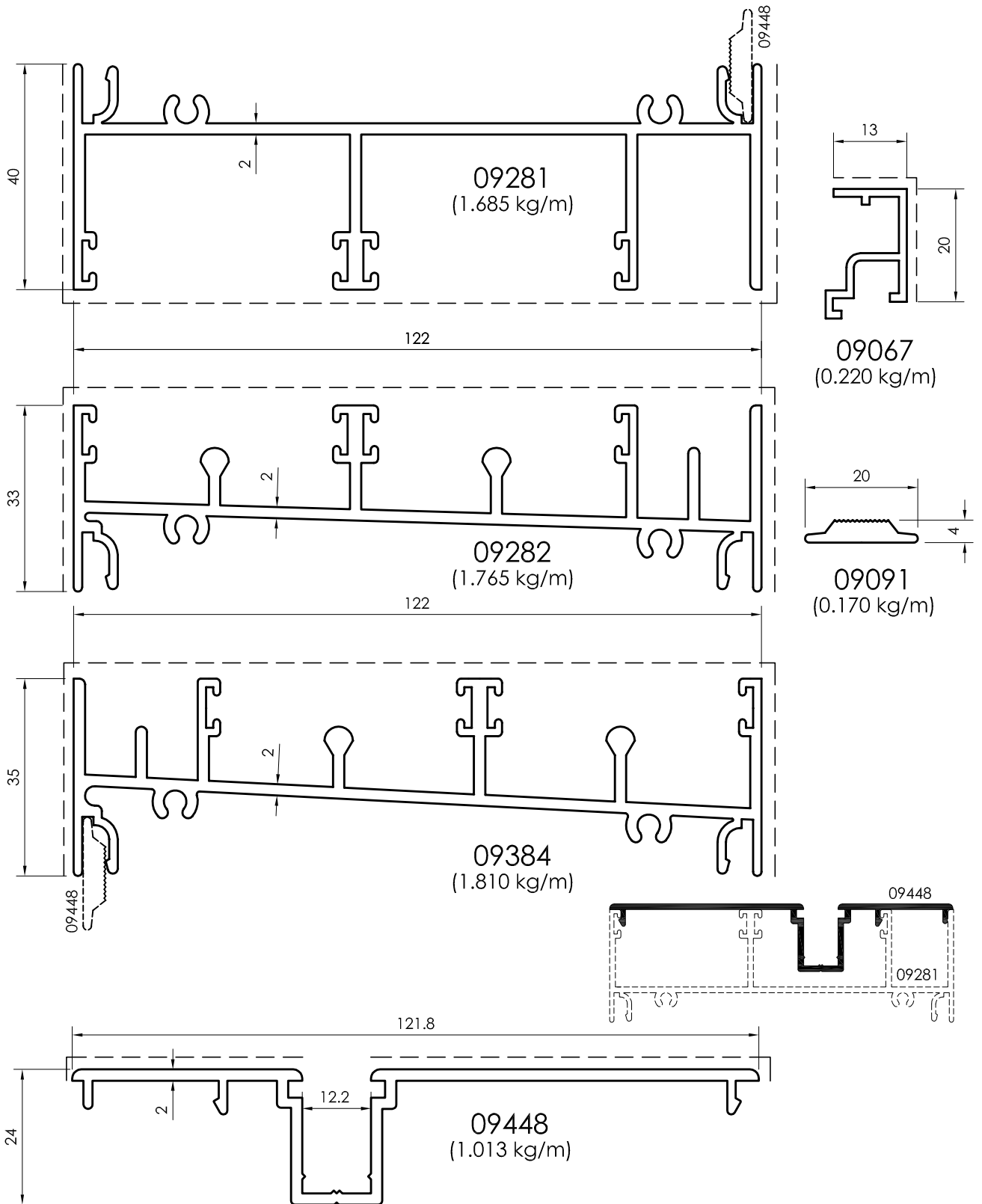
All dimensions in mm
Visible area_-----

Sliding Window - 122mm
Fly Screen Outside



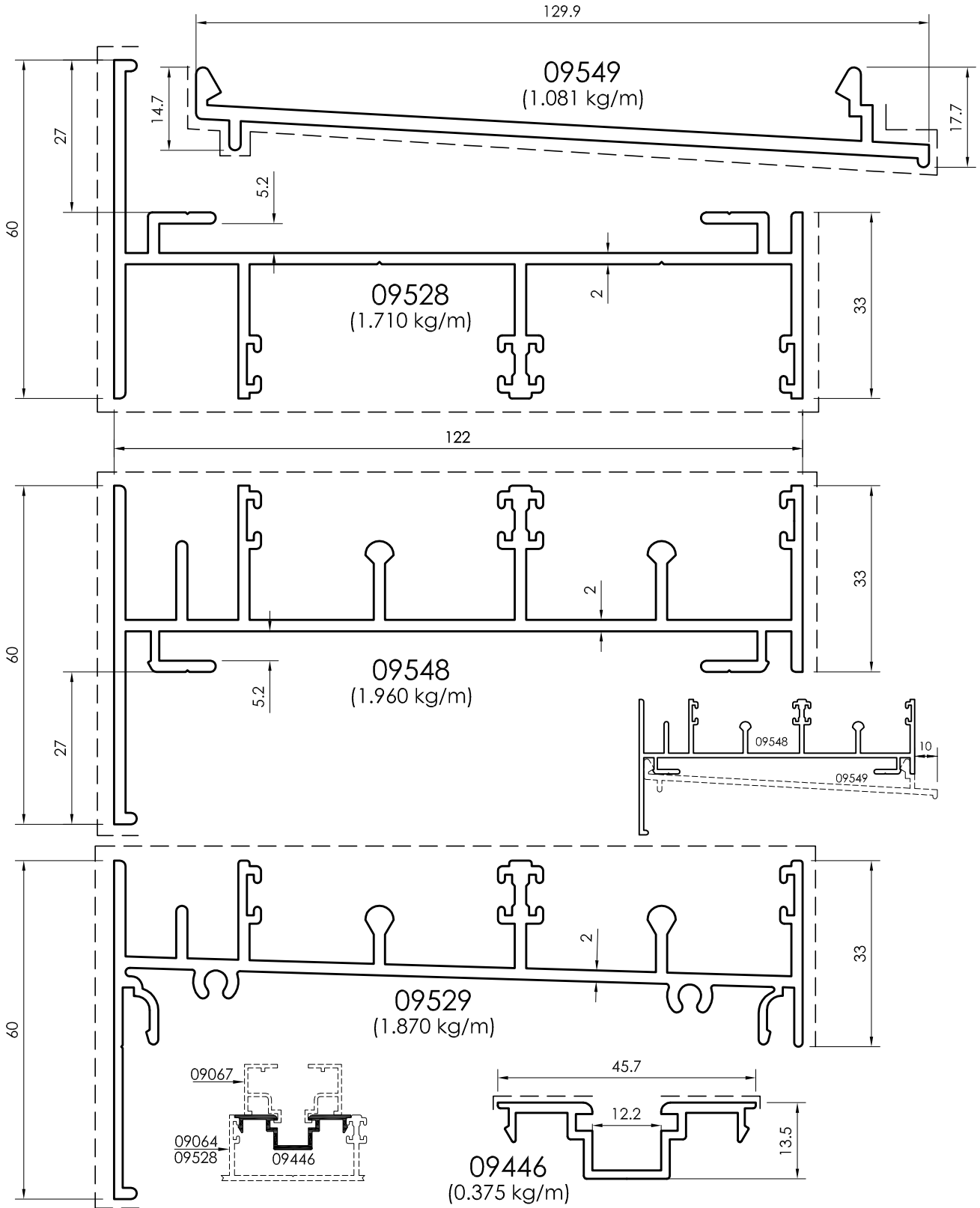
All dimensions in mm
--- Visible area

Sliding Window - 122mm



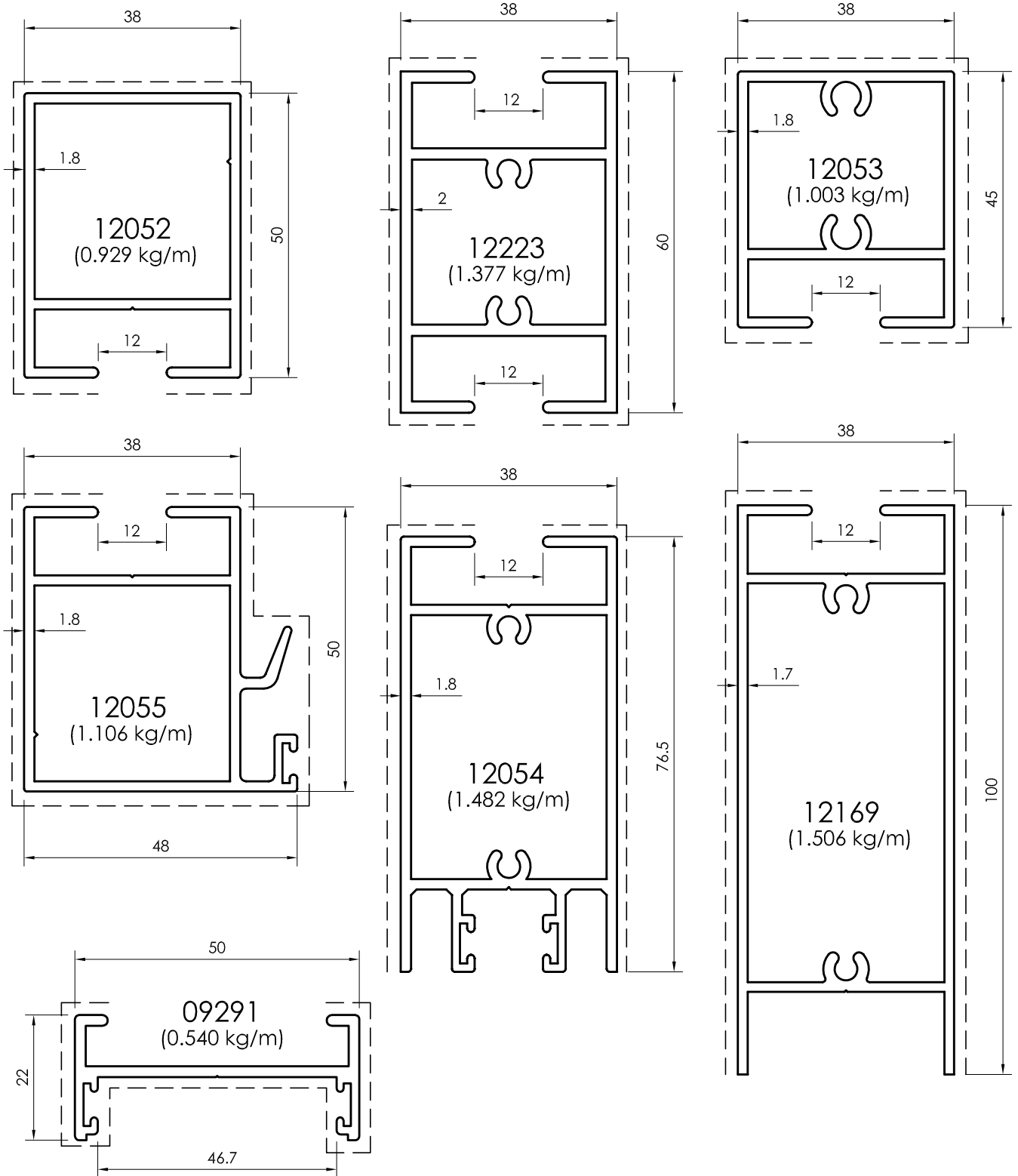
All dimensions in mm
Visible area_-----

Sliding Window - 122mm
Fly Screen Outside



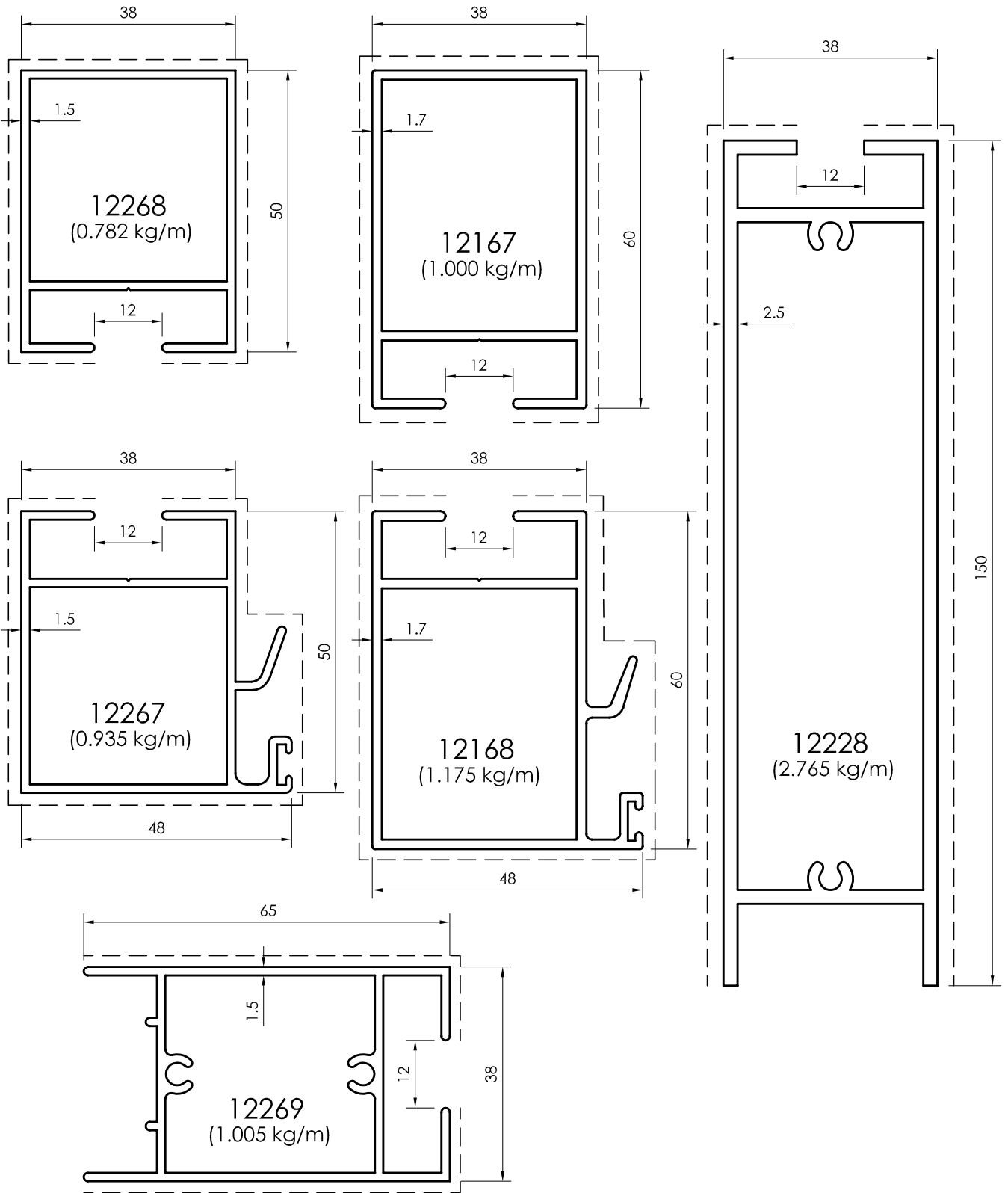
All dimensions in mm
----- Visible area

Sliding Window - 122mm



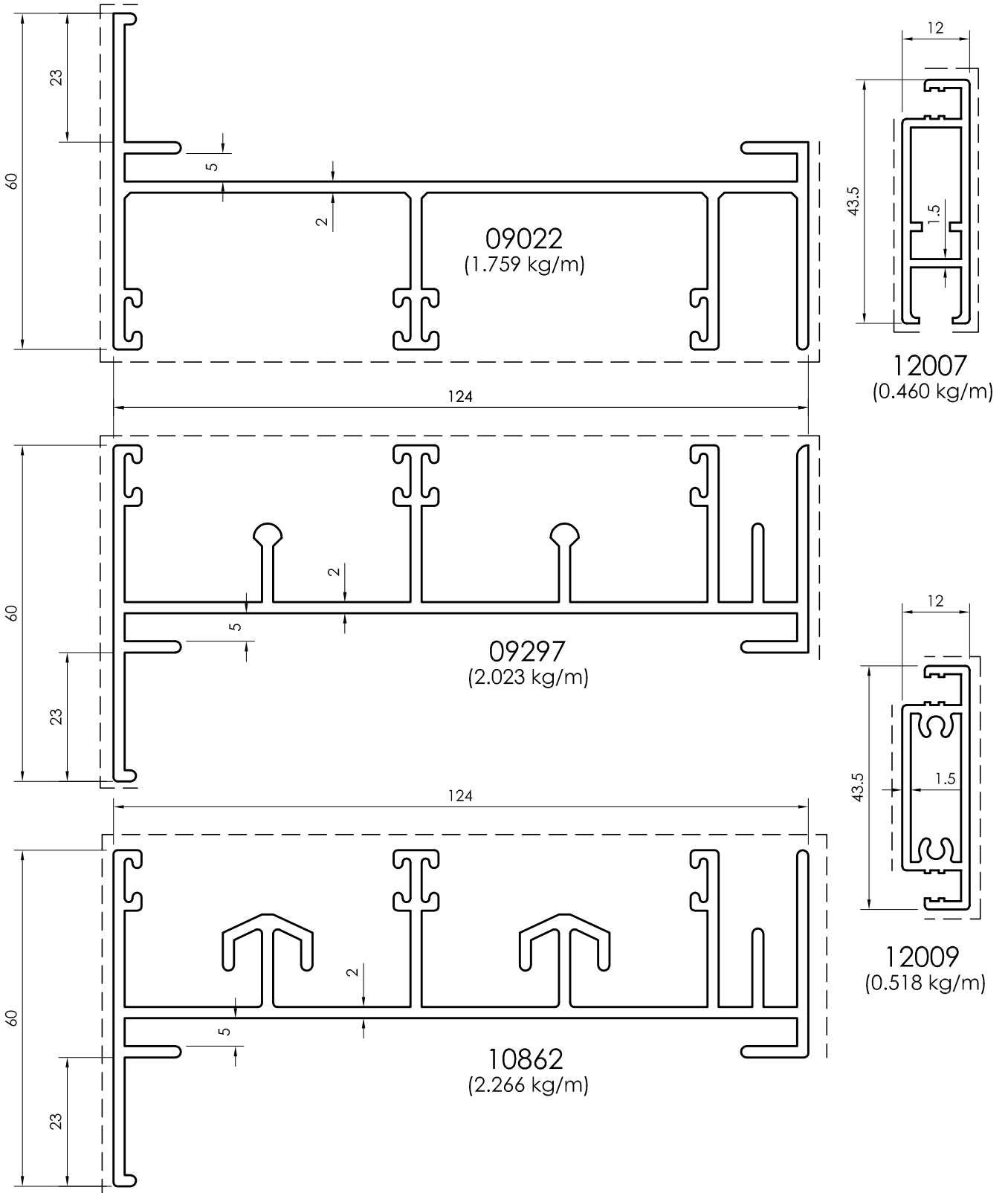
All dimensions in mm
Visible area_____

Sliding Window - 122mm



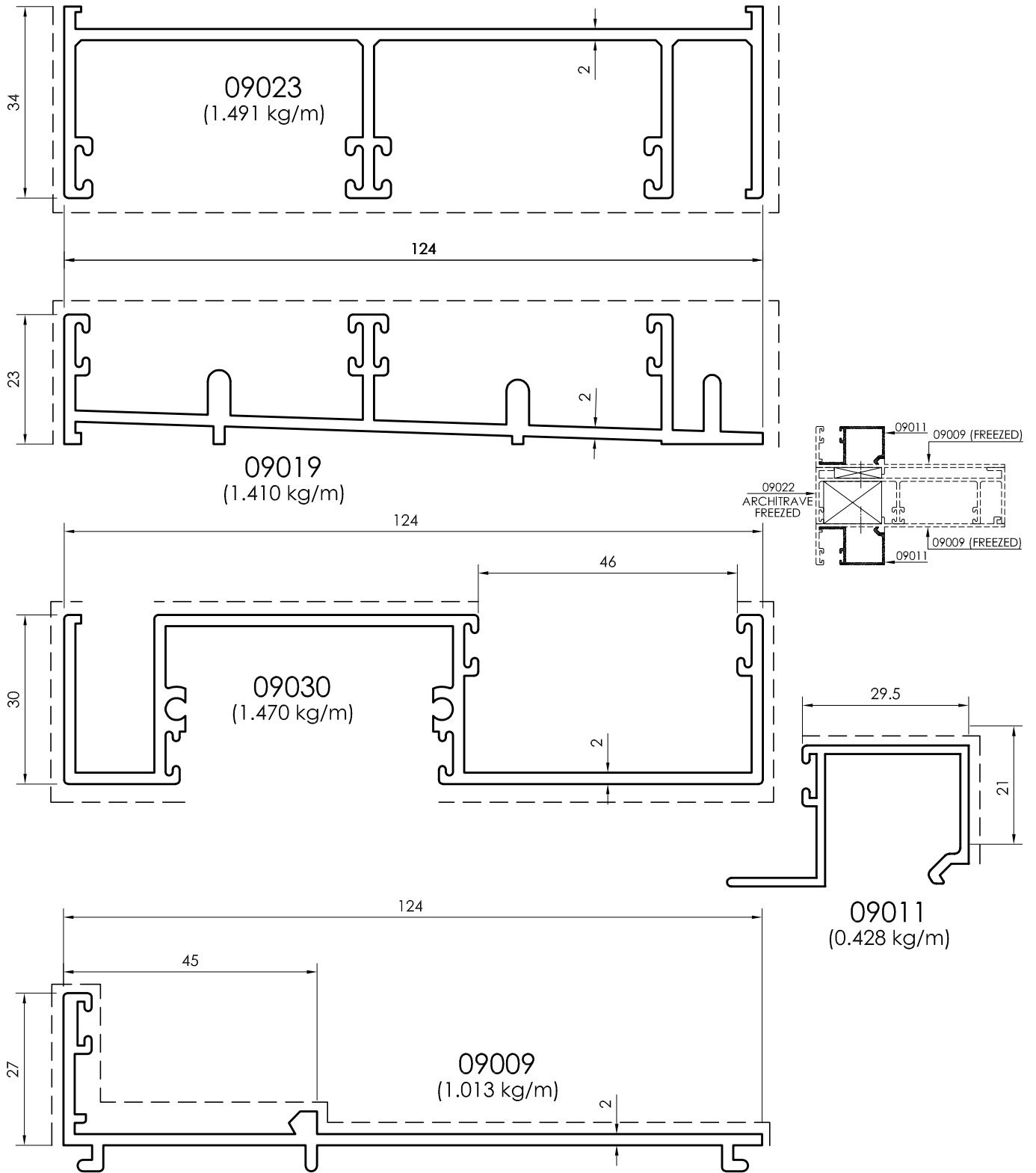
All dimensions in mm
 ----- Visible area

Sliding Window - 124mm



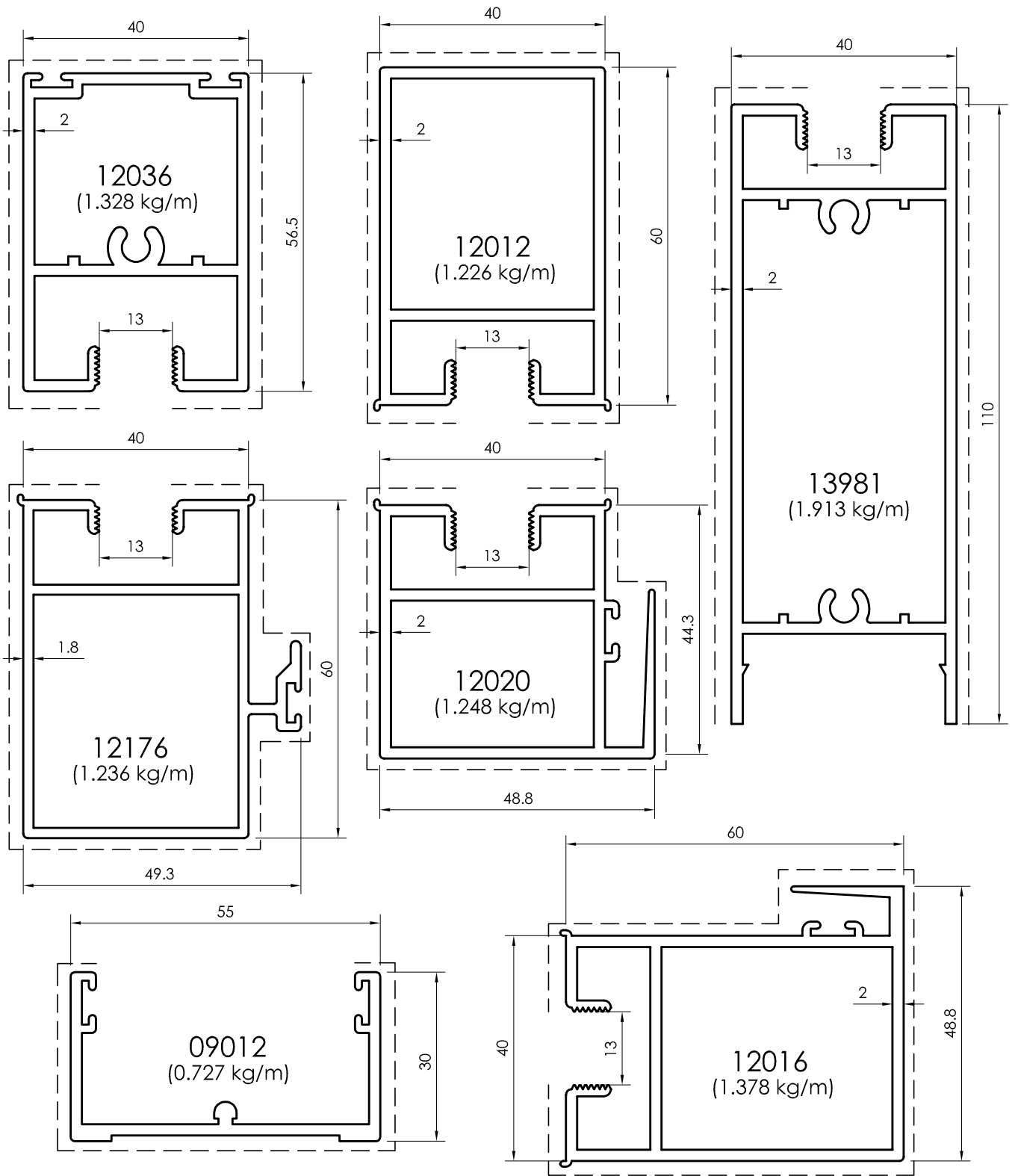
All dimensions in mm
Visible area_-----

Sliding Window - 124mm



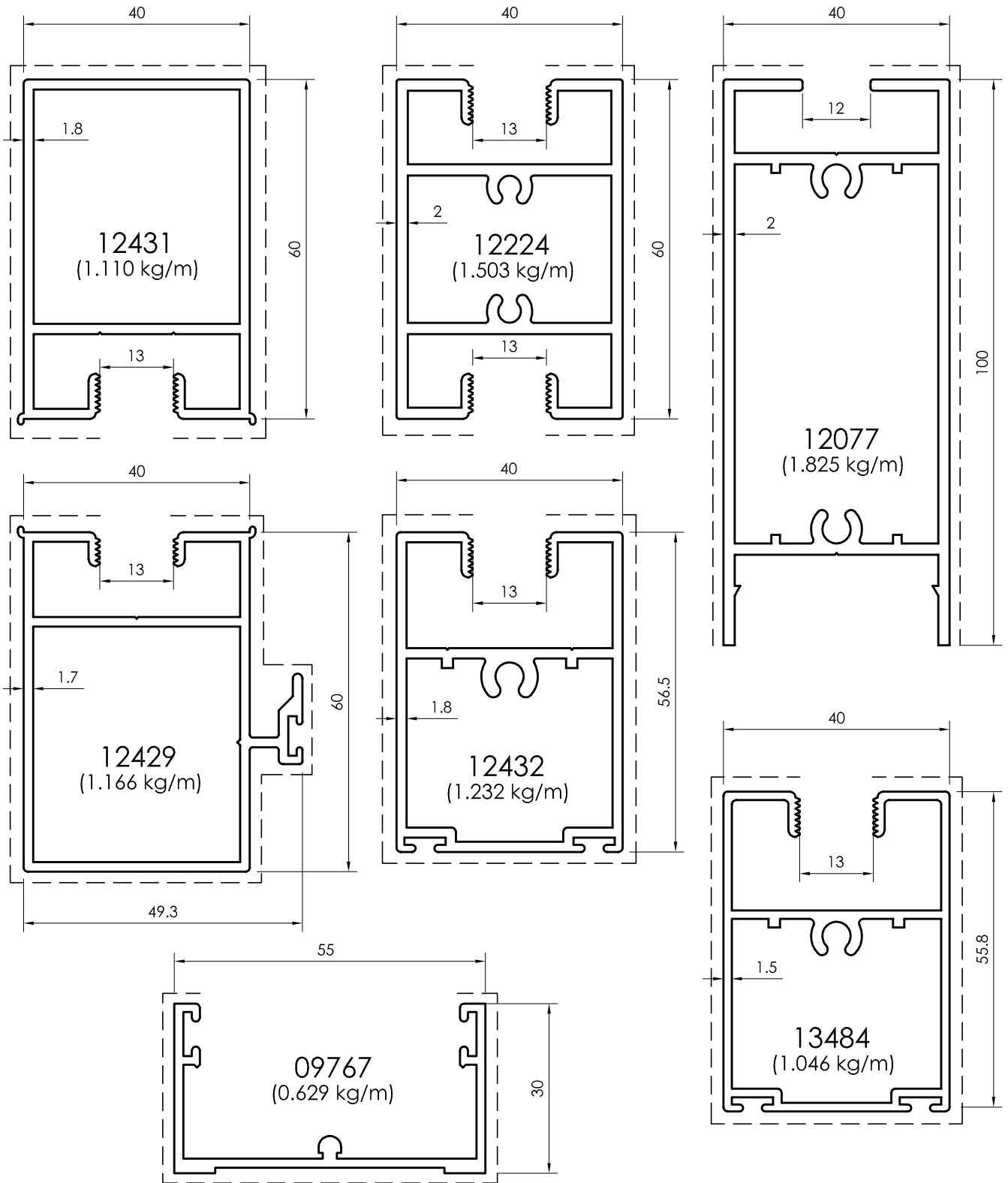
All dimensions in mm
 - - - - - Visible area

Sliding Window - 124mm



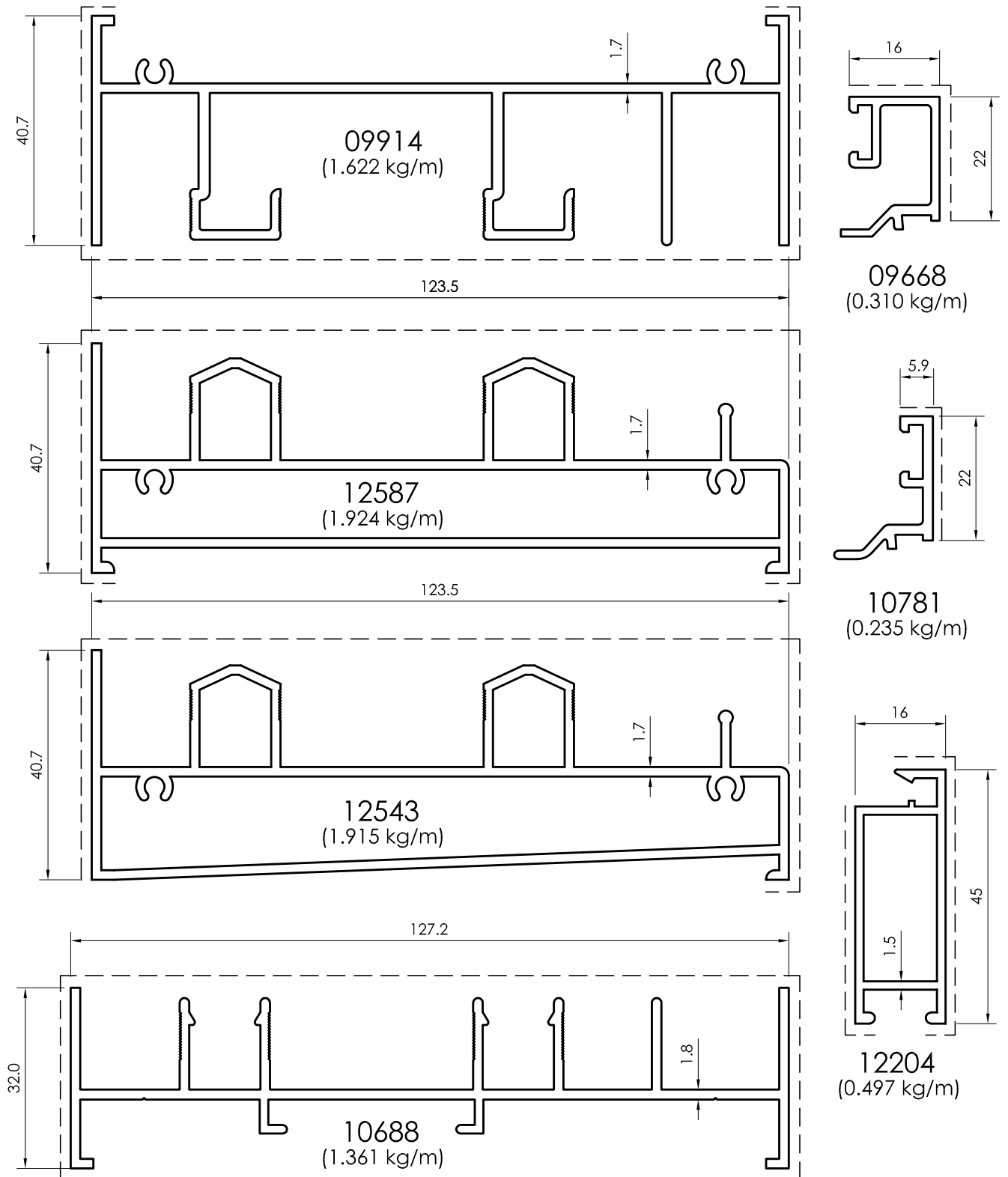
All dimensions in mm
Visible area_____

Sliding Window - 124mm



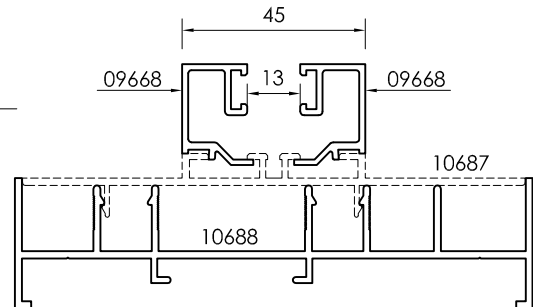
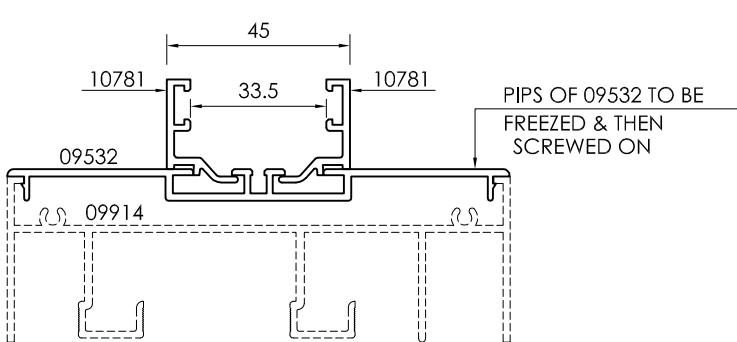
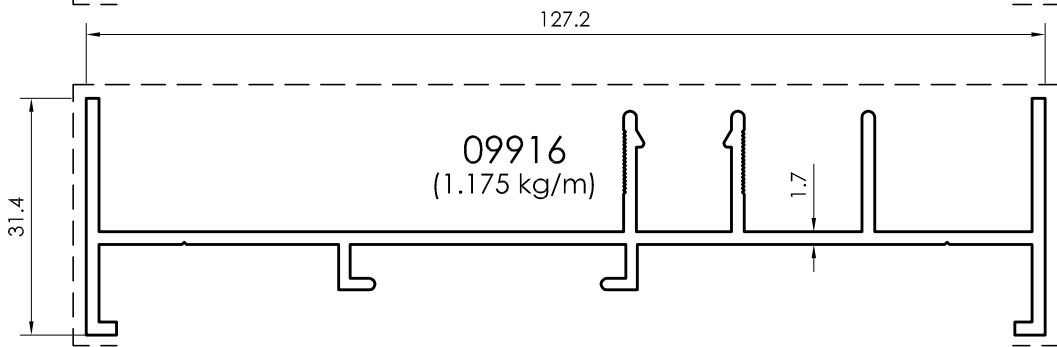
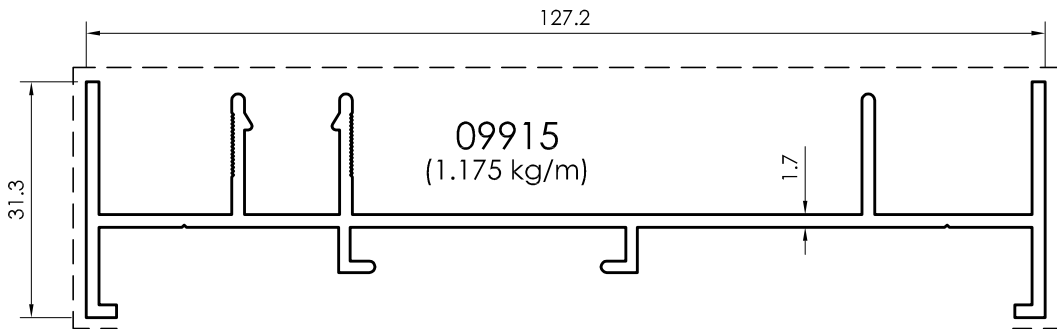
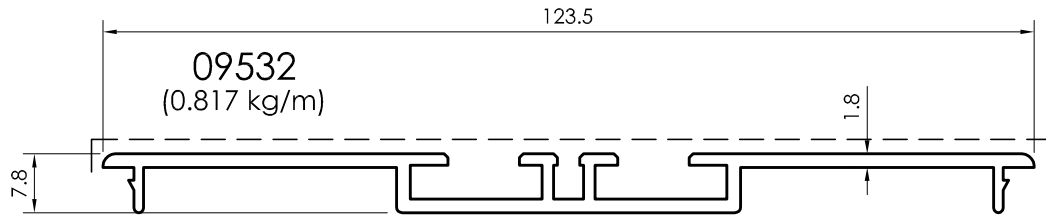
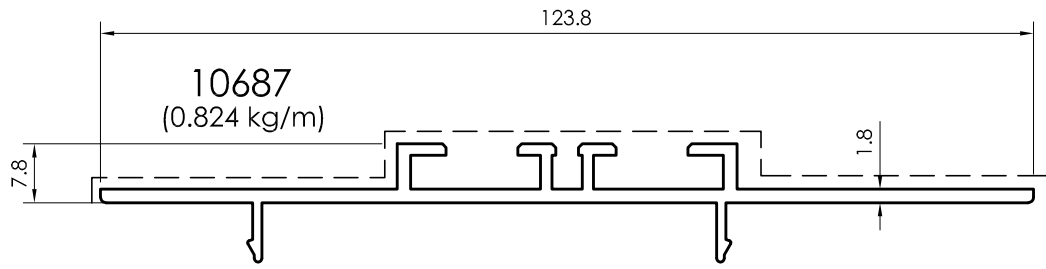
All dimensions in mm
 ----- Visible area

Sliding Window - 127.2mm



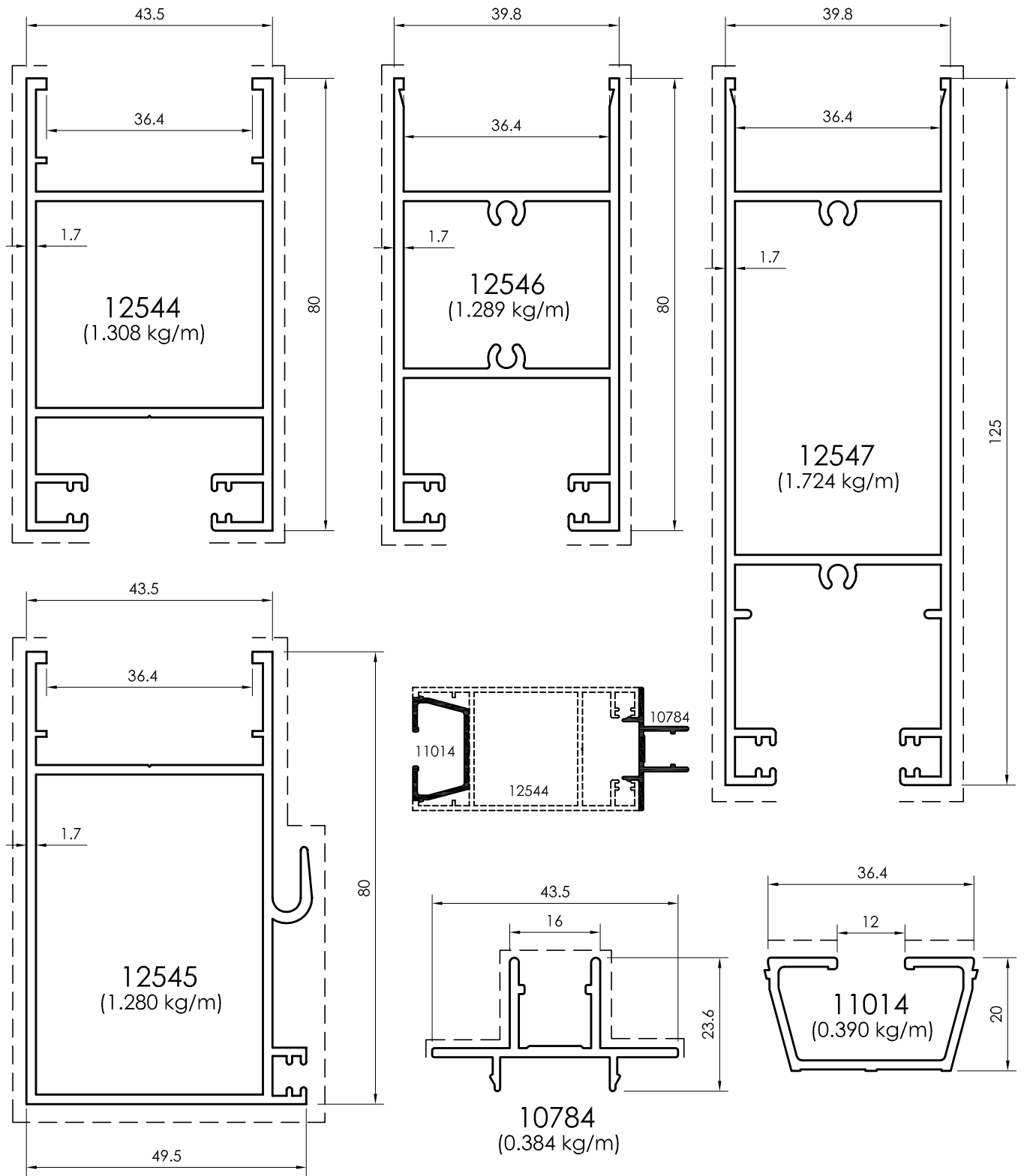
All dimensions in mm
Visible area_____

Sliding Window - 127.2mm



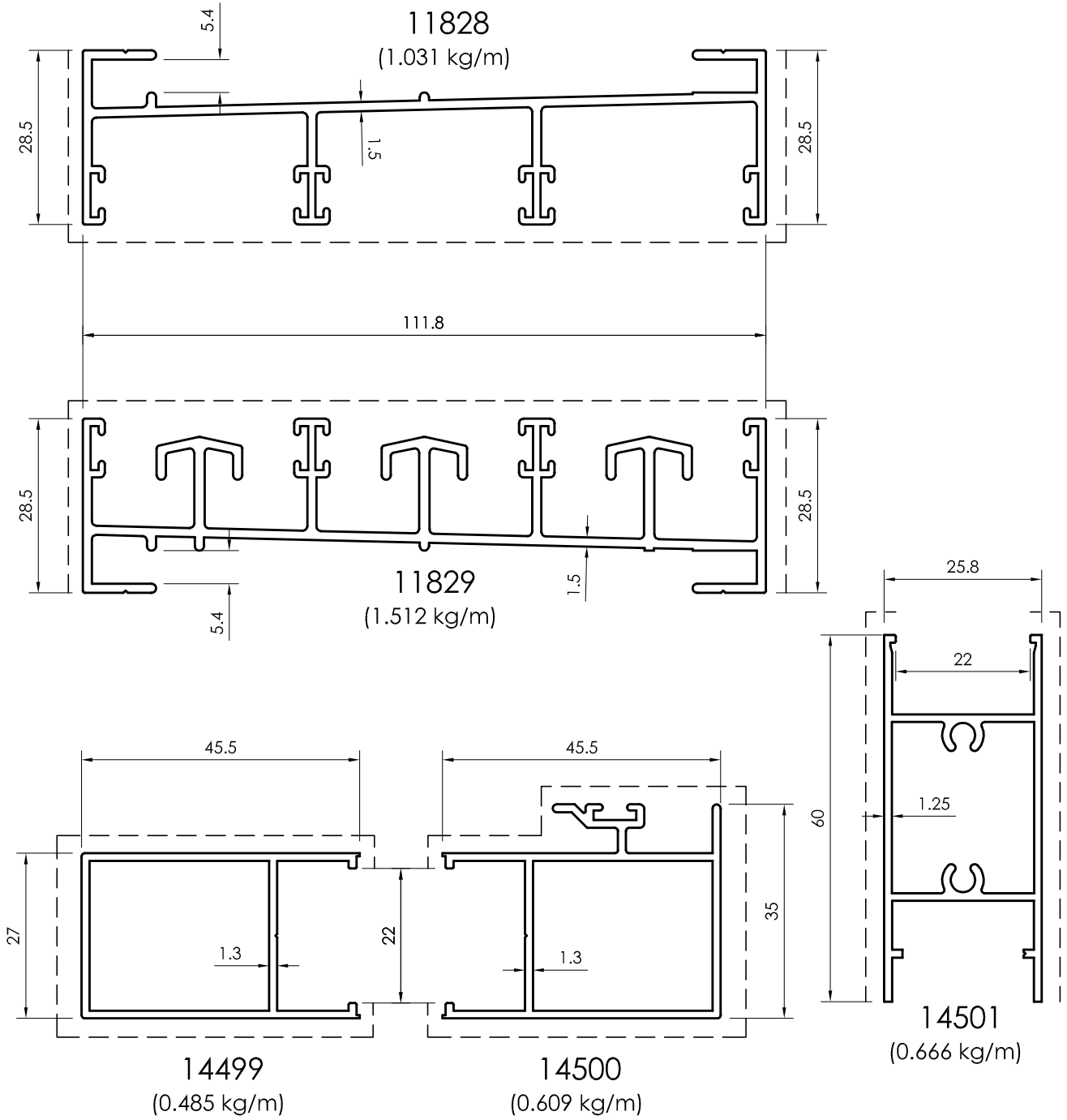
All dimensions in mm
----- Visible area

Sliding Window - 127.2mm



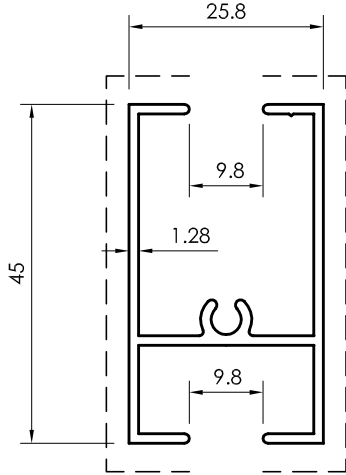
All dimensions in mm
Visible area_-----

Sliding Window - 111.8mm (3 TRACK)

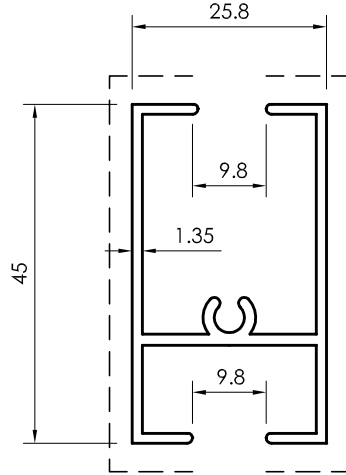


All dimensions in mm
 ----- Visible area

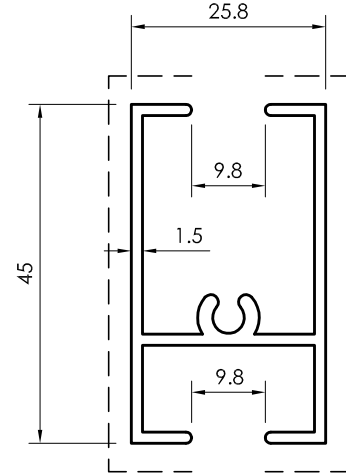
Sliding Window - 111.8mm (3 TRACK)
 Sash Profiles For Single Glass



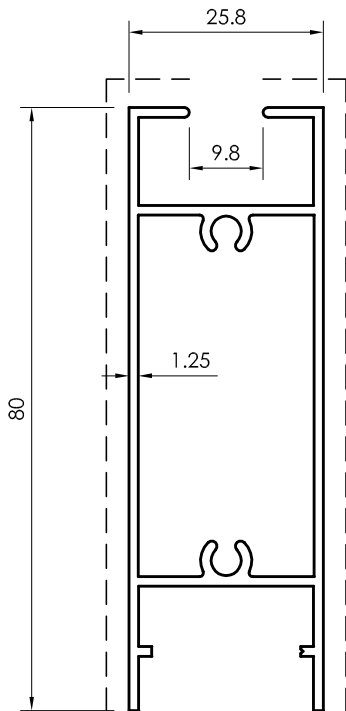
11507
 (0.526 kg/m)



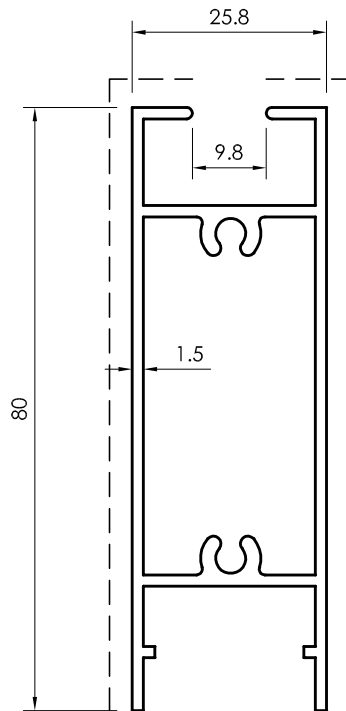
10162
 (0.565 kg/m)



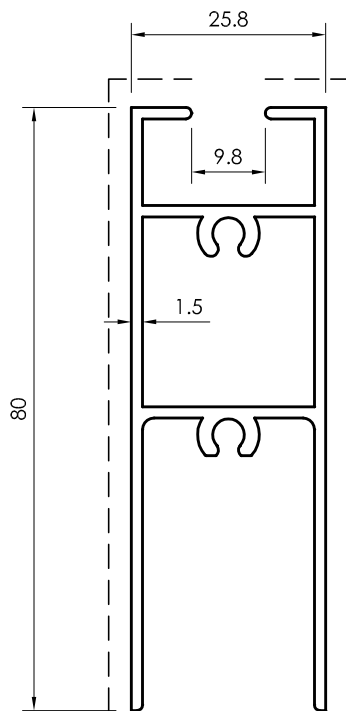
09041
 (0.622 kg/m)



13979
 (0.845 kg/m)



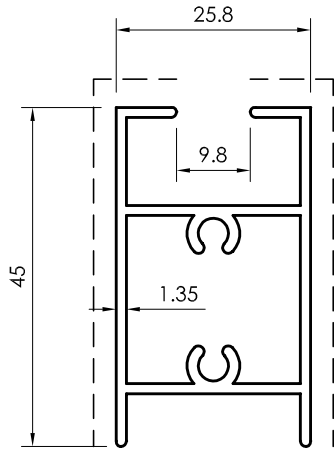
12390
 (1.038 kg/m)



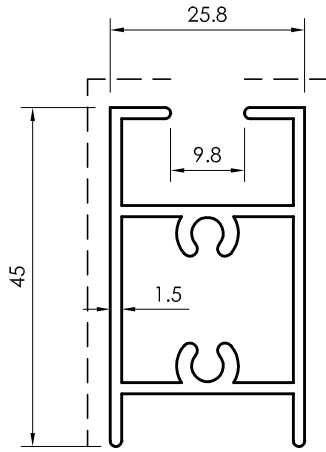
12767
 (1.005 kg/m)

All dimensions in mm
 Visible area_____

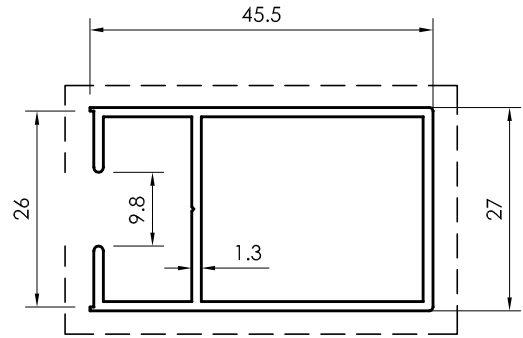
Sliding Window - 111.8mm (3 TRACK)
Sash Profiles For Single Glass



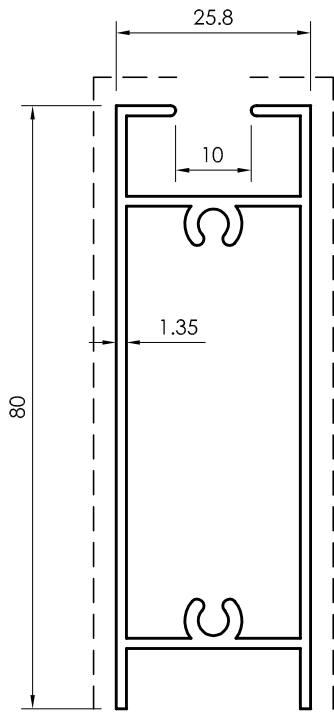
12723
(0.634 kg/m)



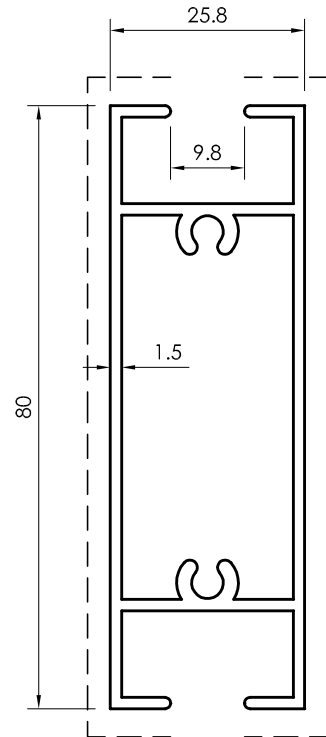
12126
(0.740 kg/m)



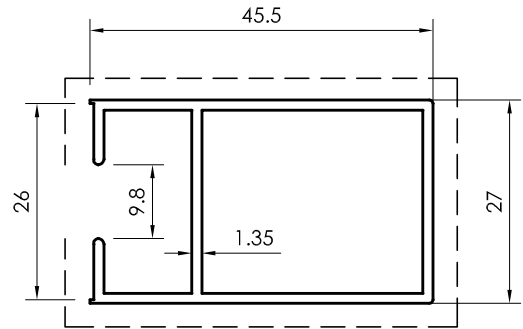
13977
(0.527 kg/m)



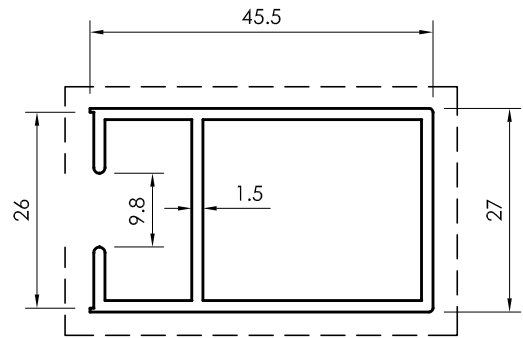
12833
(0.909 kg/m)



12031
(1.054 kg/m)



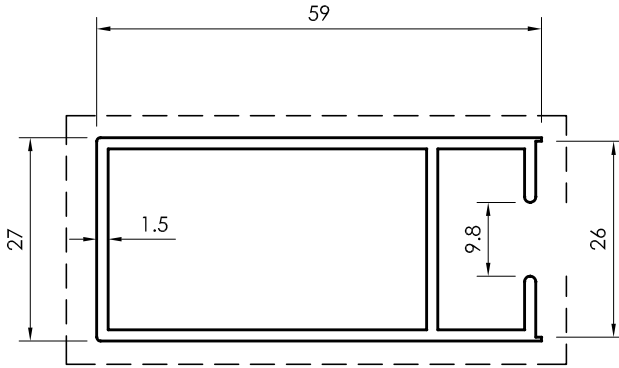
12721
(0.558 kg/m)



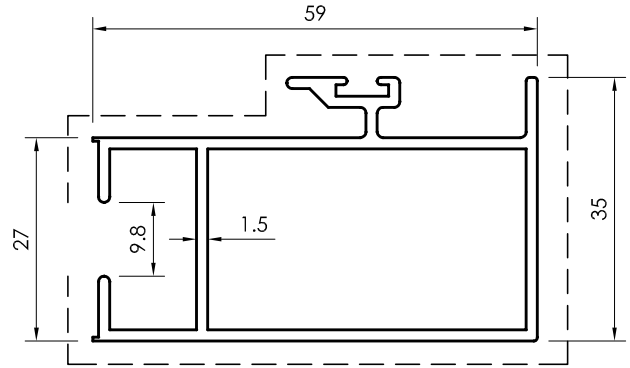
12032
(0.616 kg/m)

All dimensions in mm
----- Visible area

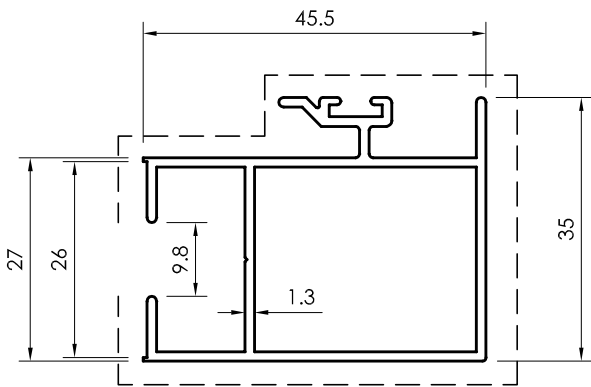
Sliding Window - 111.8mm (3 TRACK)
 Sash Profiles For Single Glass



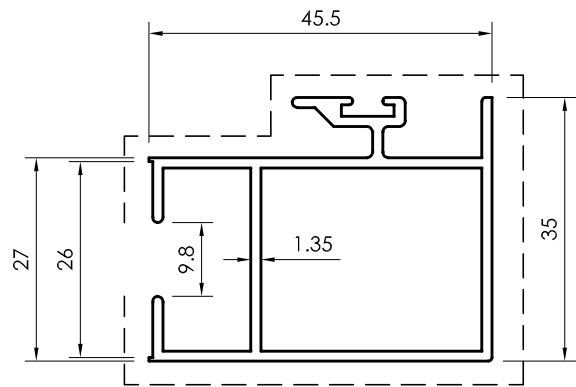
12765
 (0.724 kg/m)



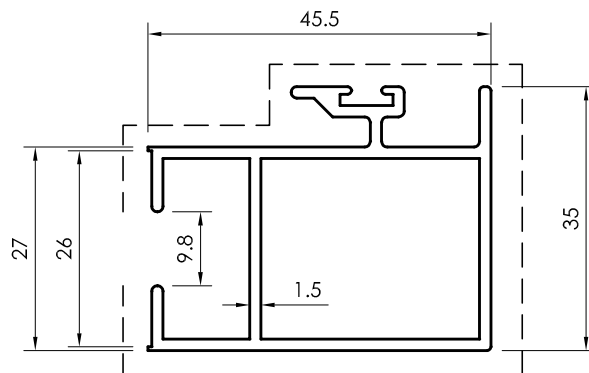
12766
 (0.867 kg/m)



13978
 (0.650 kg/m)



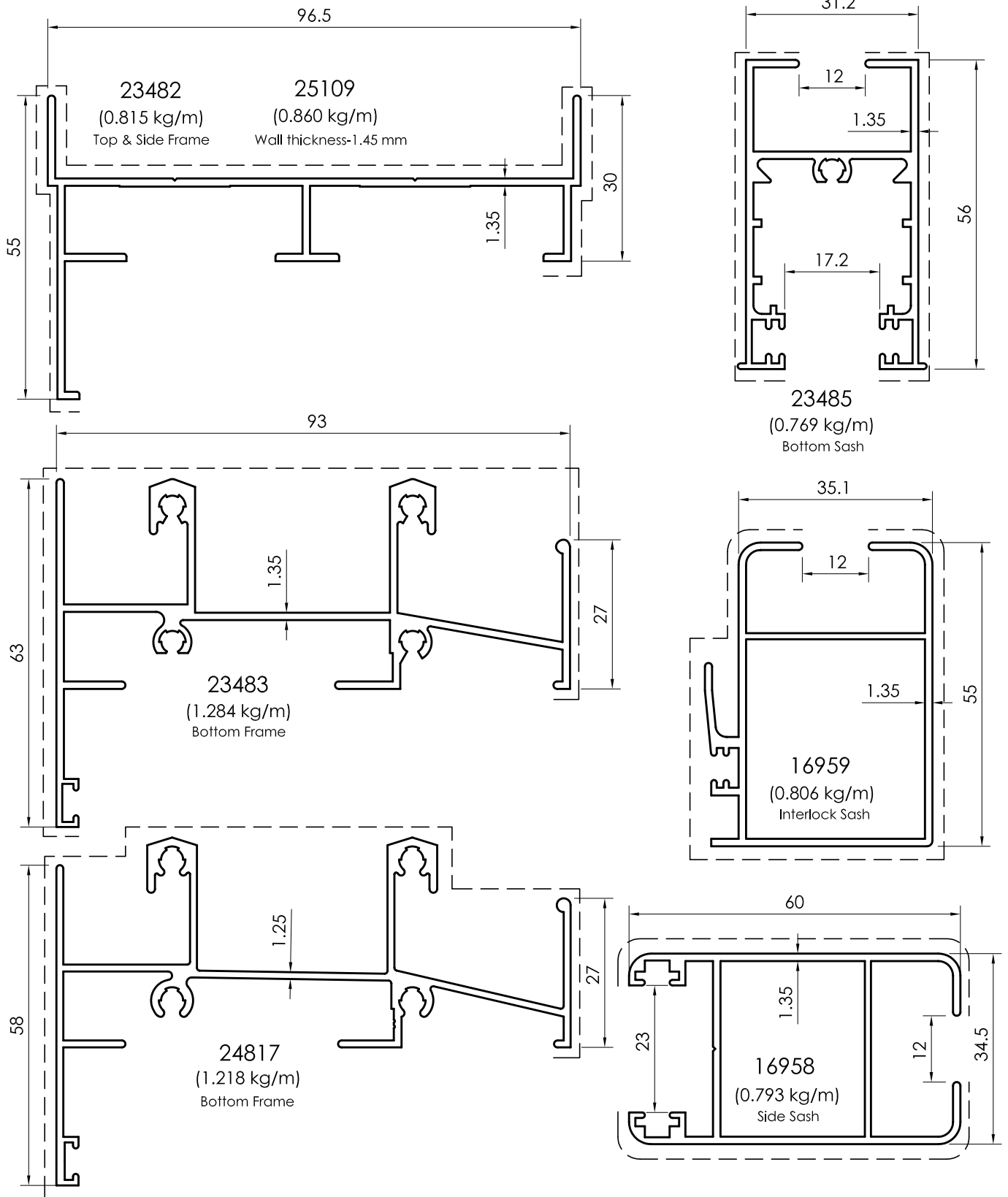
12722
 (0.690 kg/m)



12033
 (0.756 kg/m)

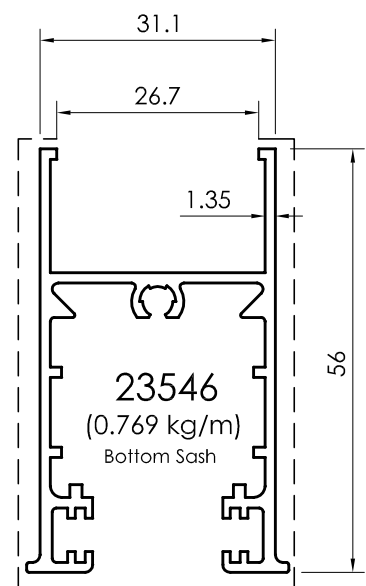
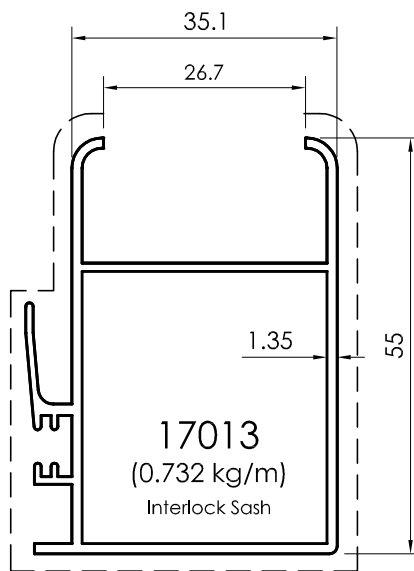
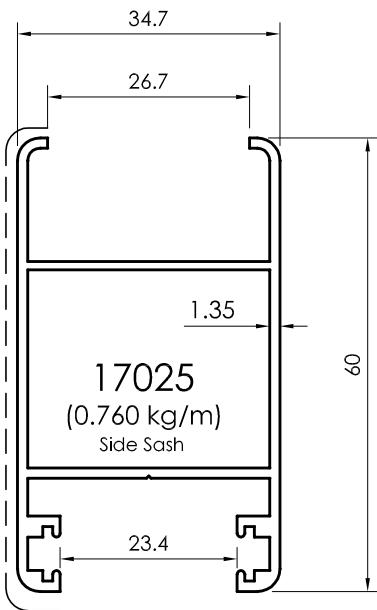
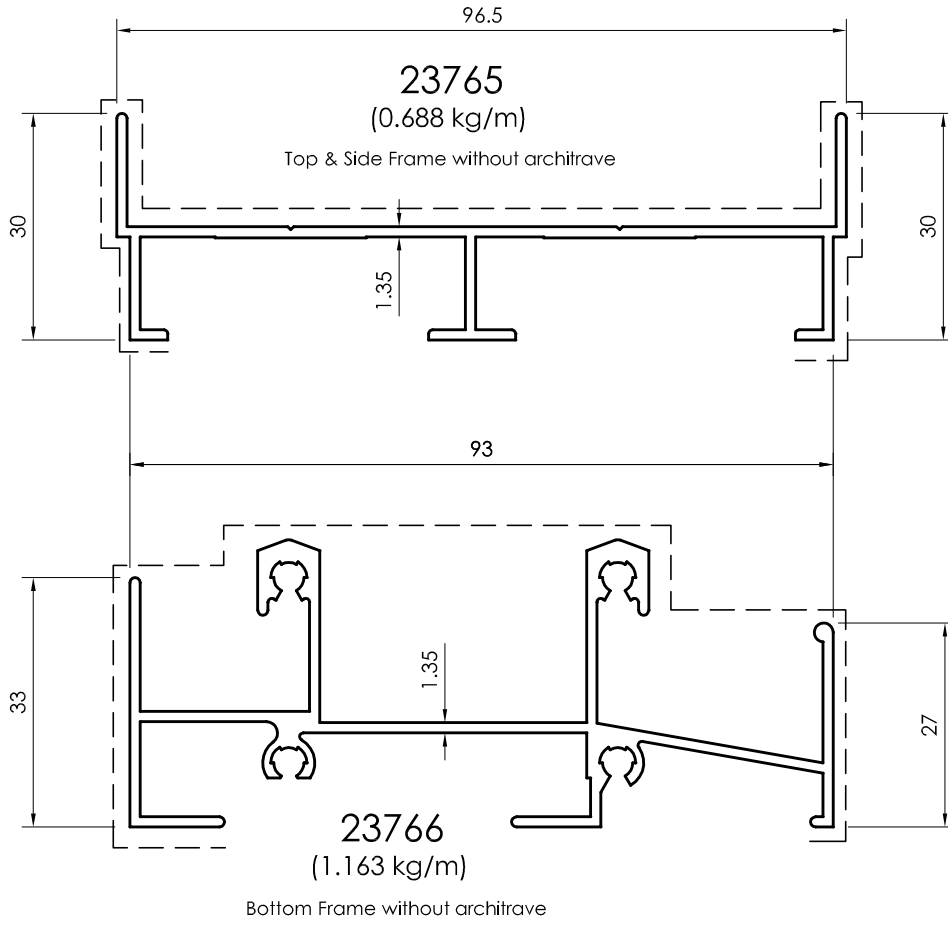
All dimensions in mm
 Visible area_-----

Sliding Window - 93mm



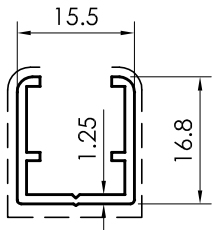
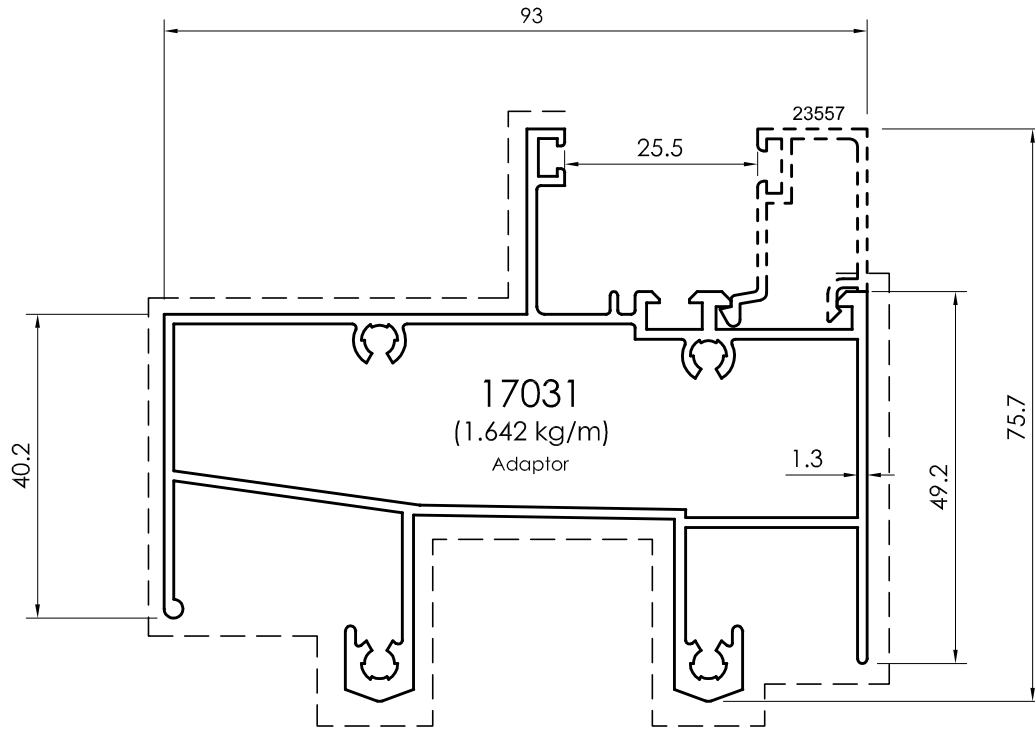
All dimensions in mm
 ----- Visible area

Sliding Window - 93mm



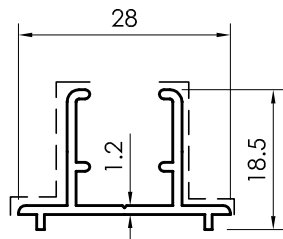
All dimensions in mm
Visible area_____

Sliding Window - 93mm



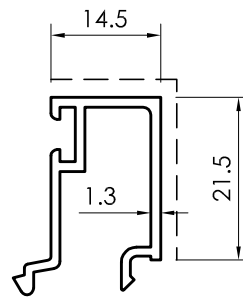
23484
(0.174 kg/m)

To be used with 23482 & 23765

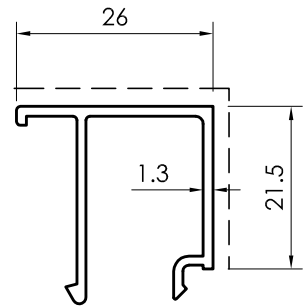


23552
(0.218 kg/m)

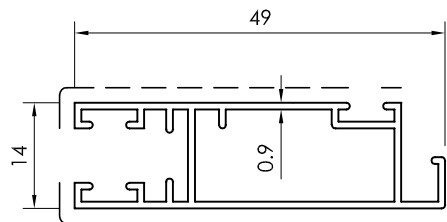
To be used for 4 sash



23557
(0.265 kg/m)



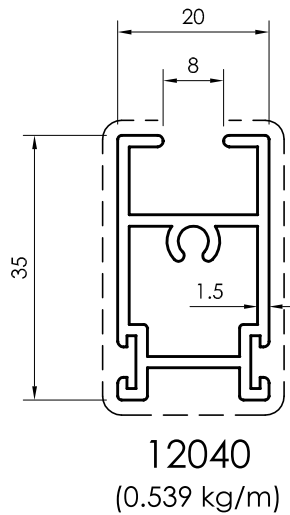
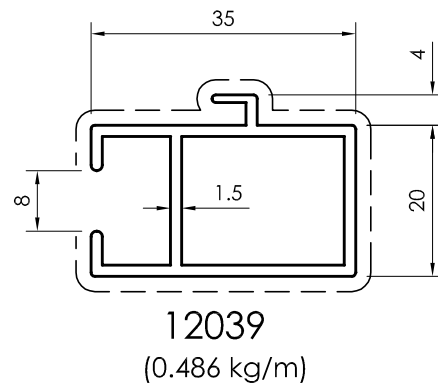
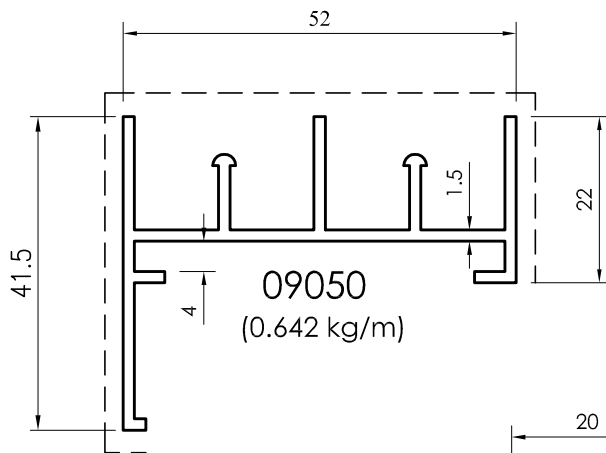
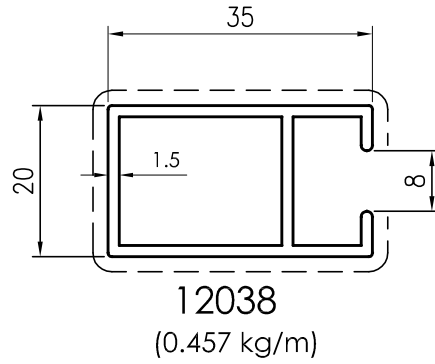
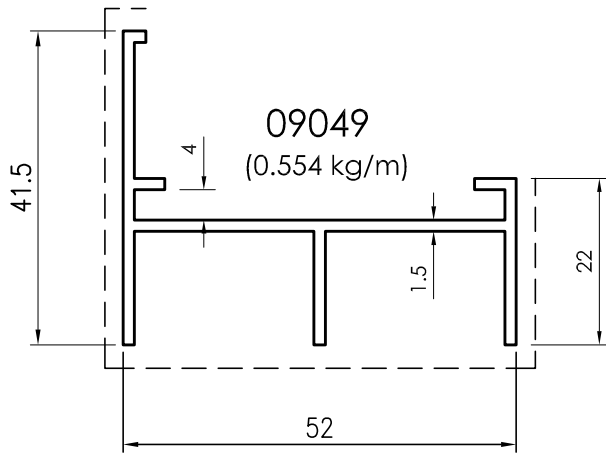
23556
(0.277 kg/m)



18466
(0.370 kg/m)

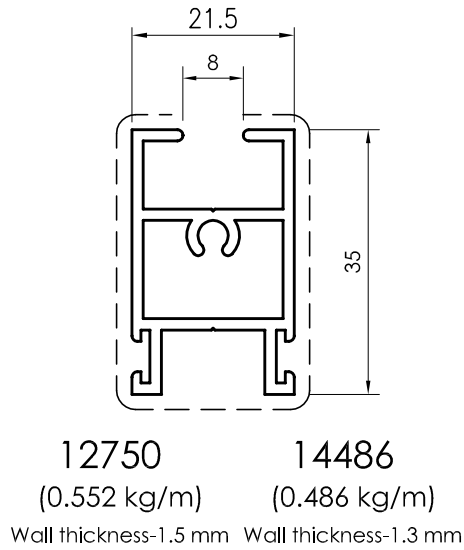
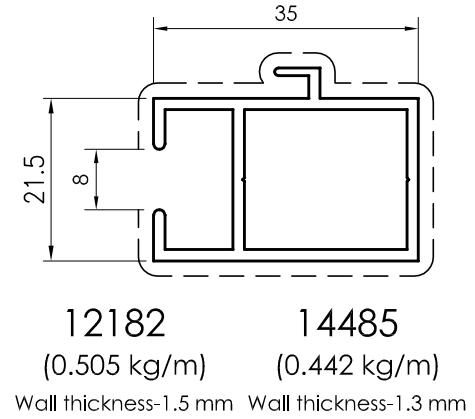
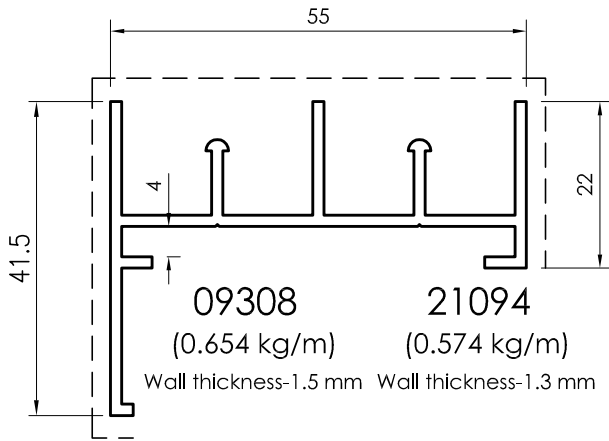
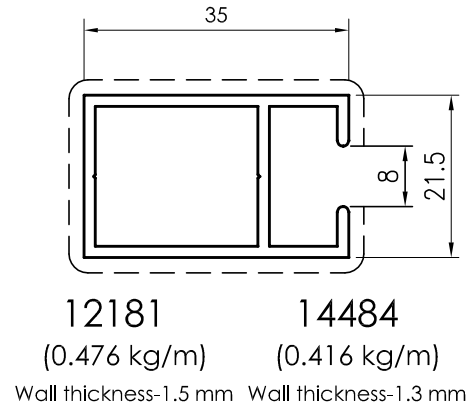
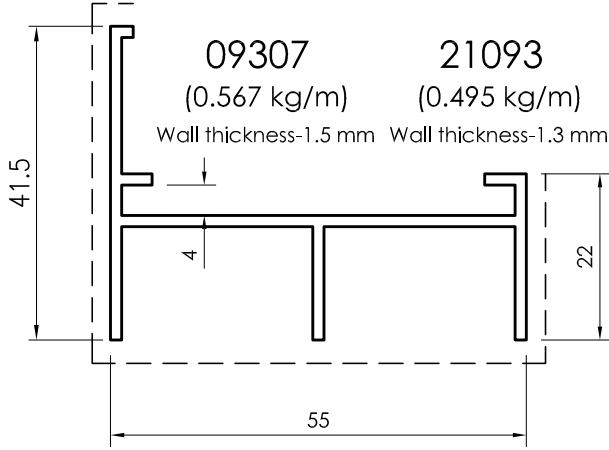
All dimensions in mm
----- Visible area

Sliding Window - 52mm



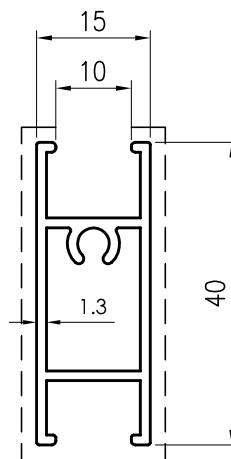
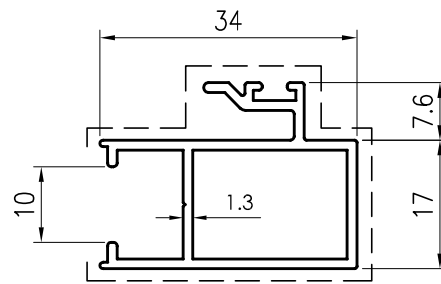
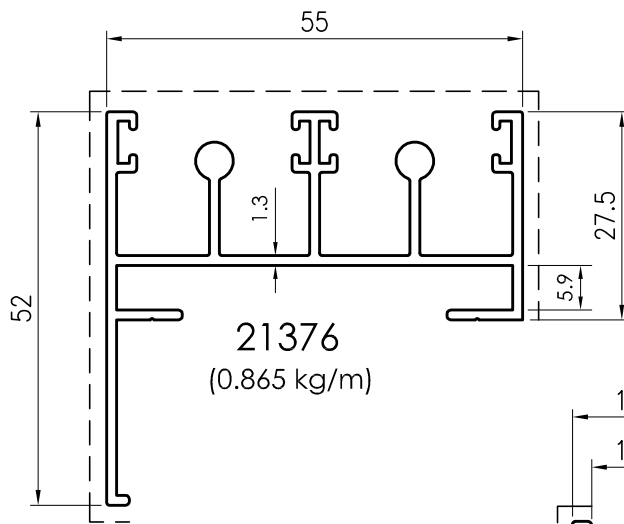
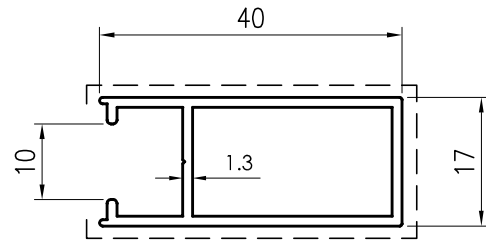
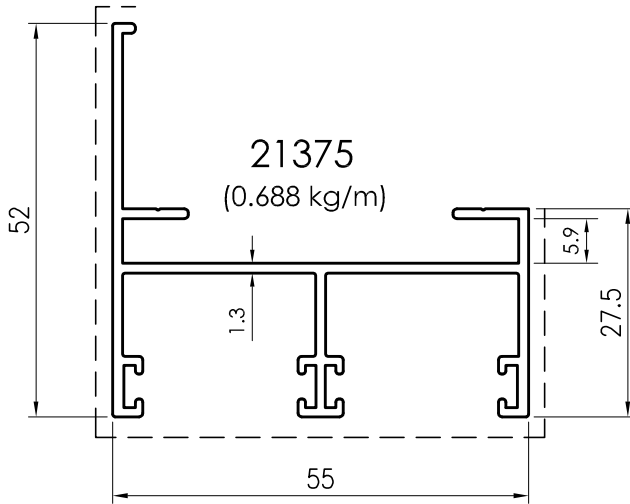
All dimensions in mm
Visible area_-----

Sliding Window - 55mm



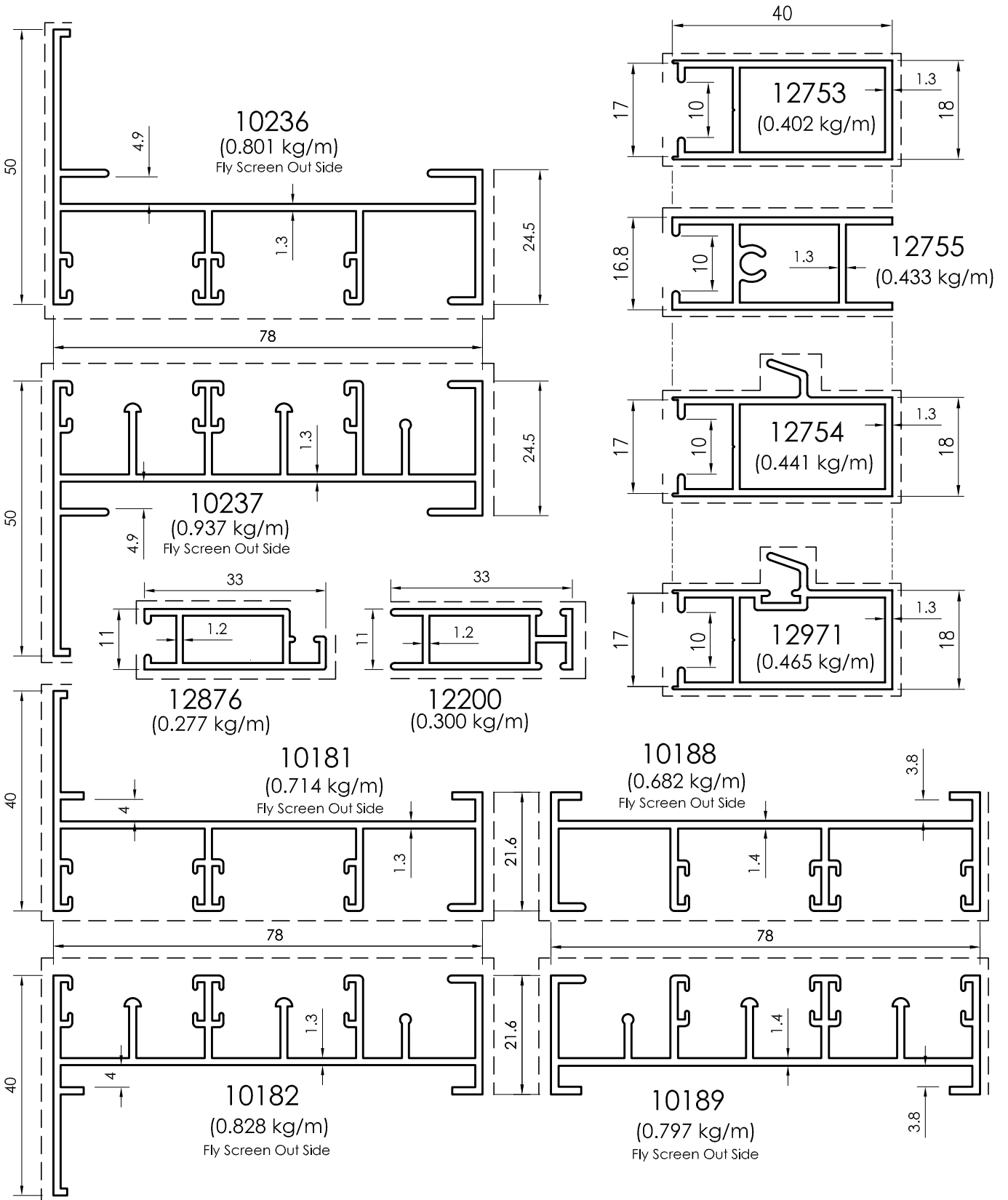
All dimensions in mm
----- Visible area

Sliding Window - 55mm



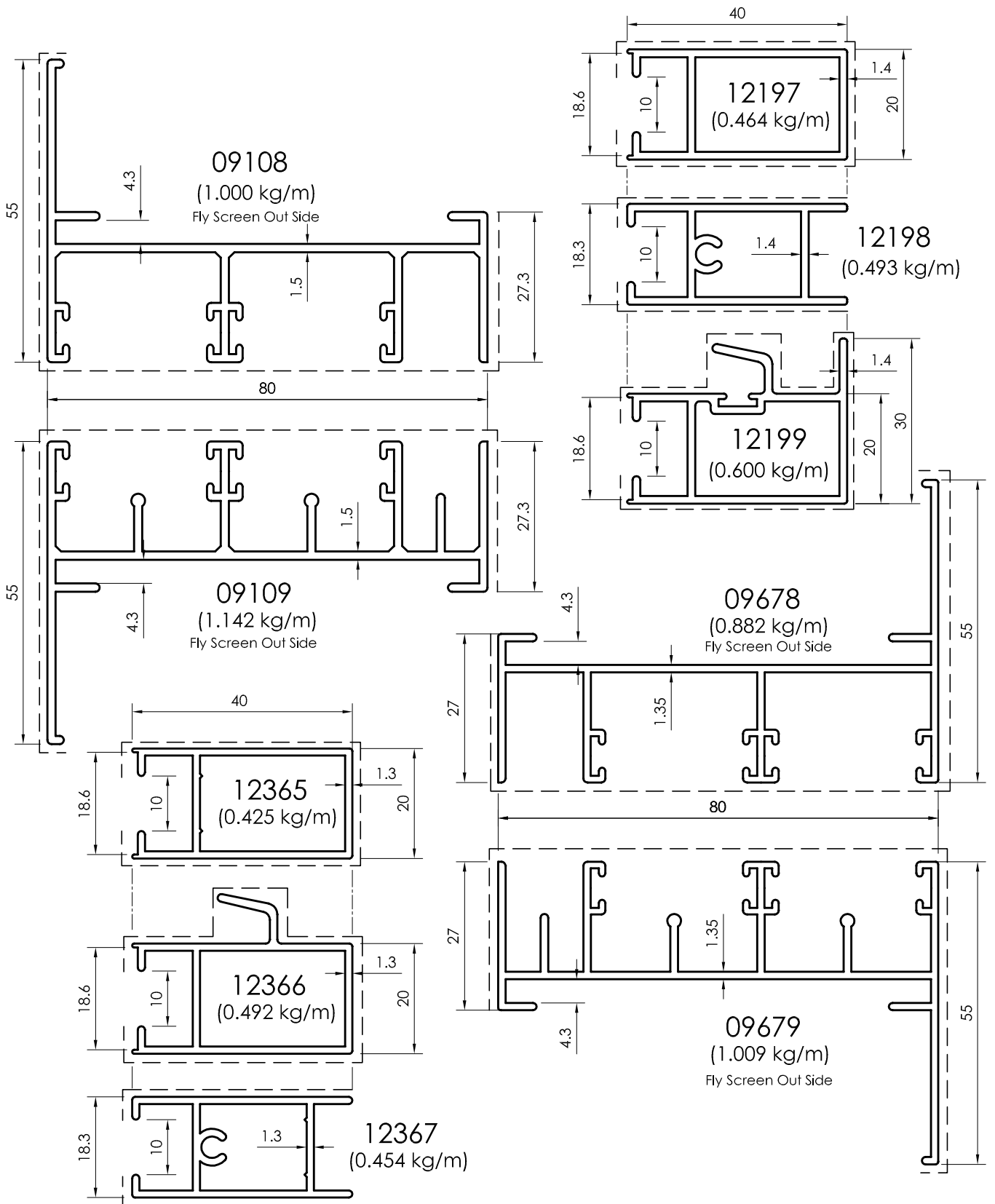
All dimensions in mm
Visible area_____

Sliding Window - 78mm



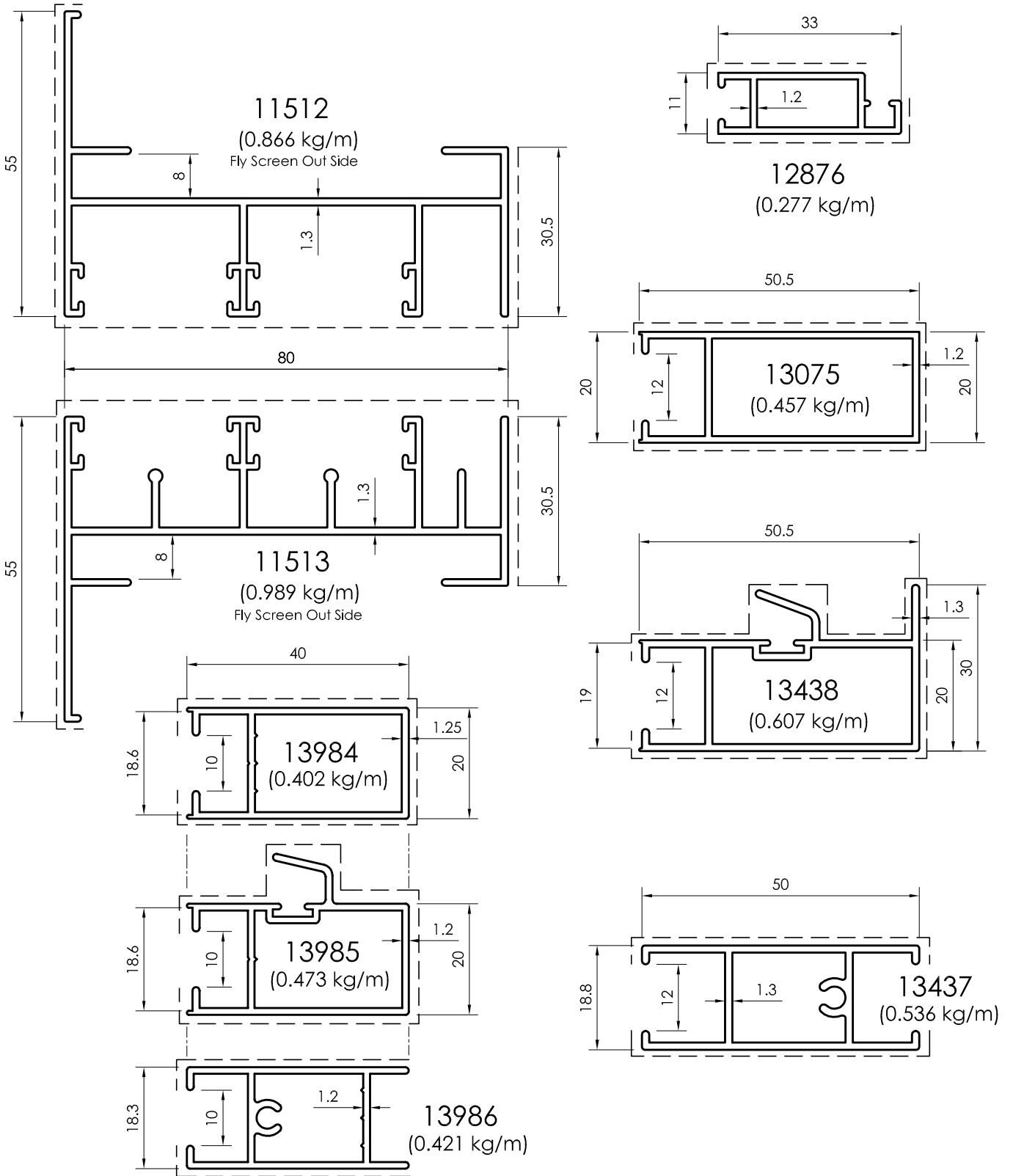
All dimensions in mm
 ----- Visible area

Sliding Window - 80mm



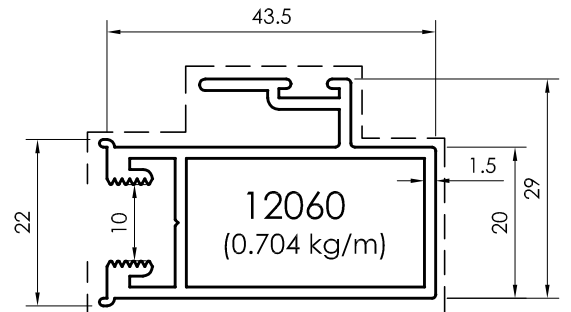
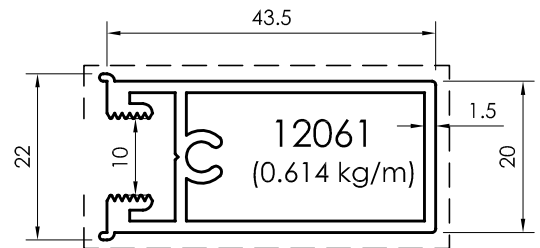
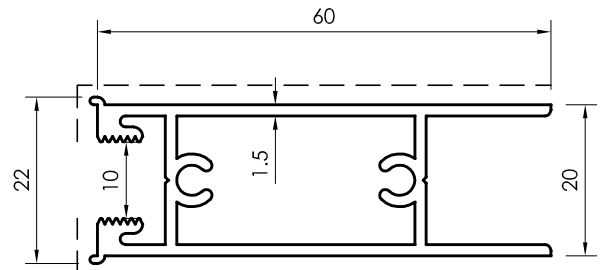
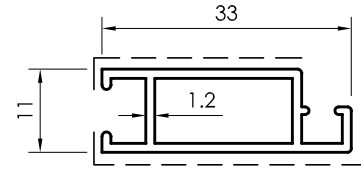
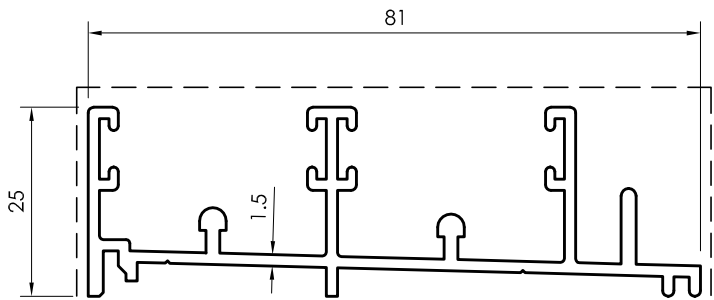
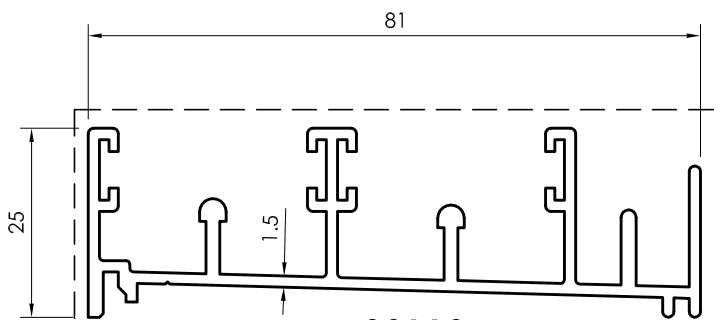
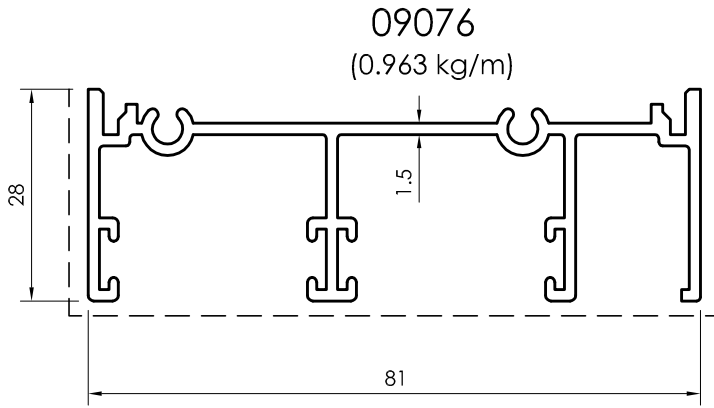
All dimensions in mm
Visible area_-----

Sliding Window - 80mm



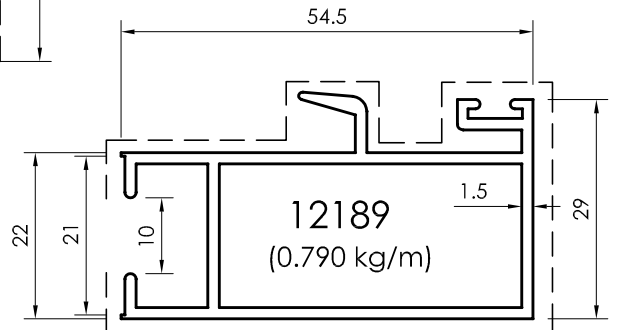
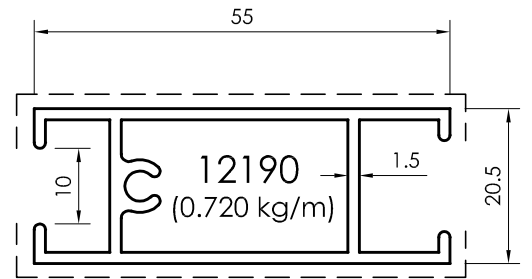
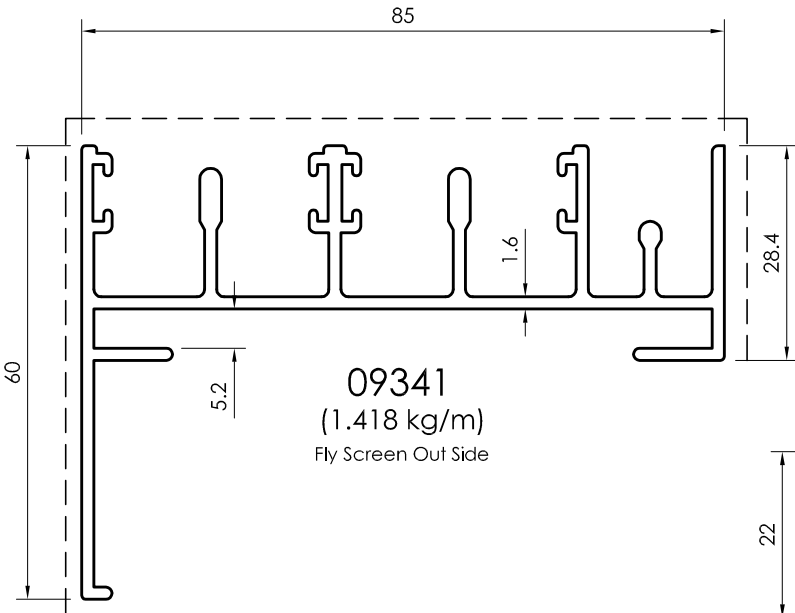
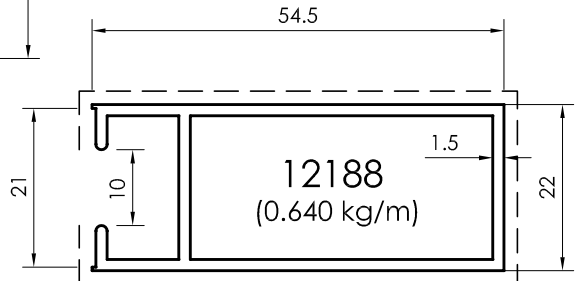
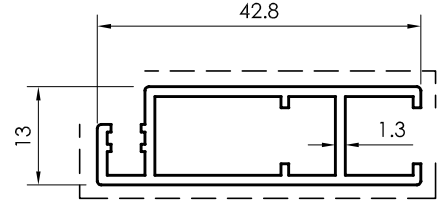
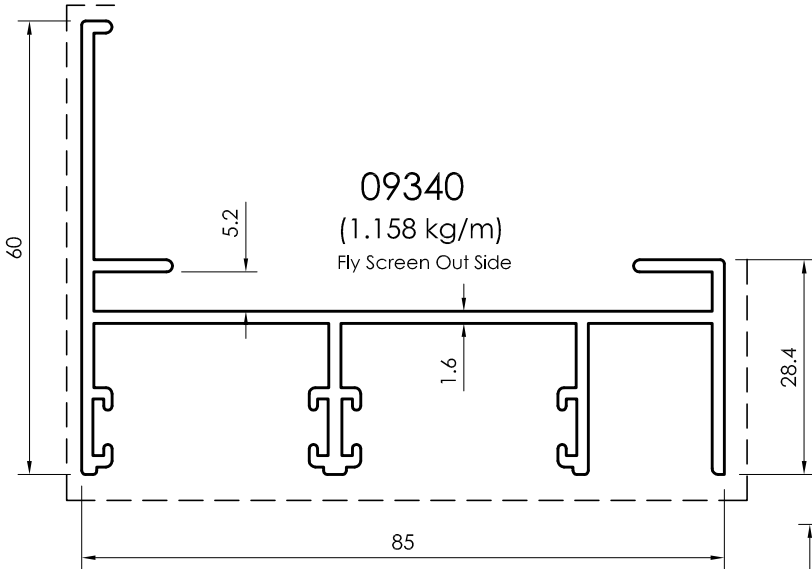
All dimensions in mm
----- Visible area

Sliding Window - 81mm



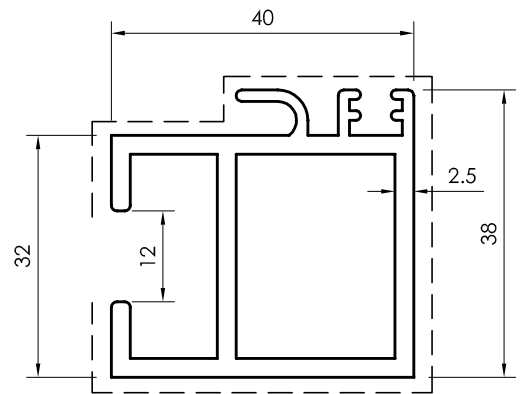
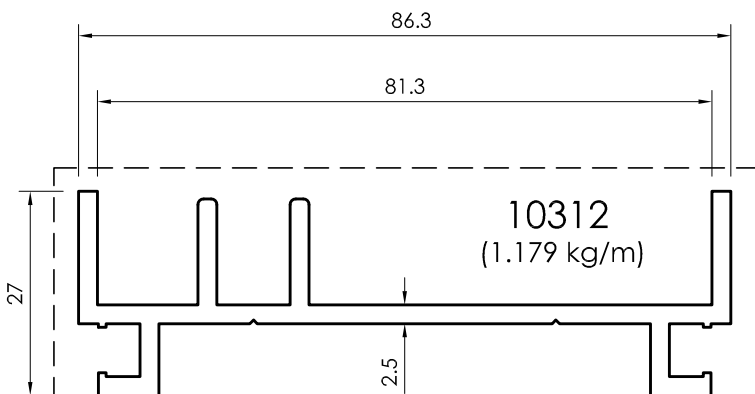
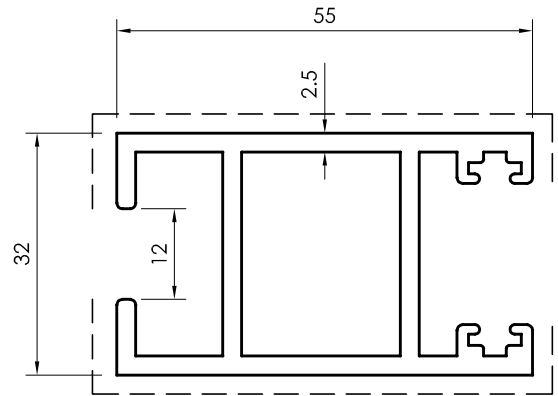
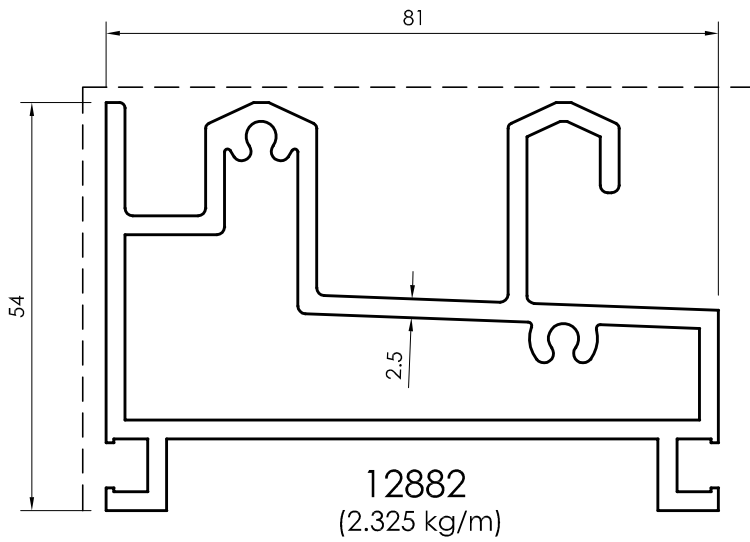
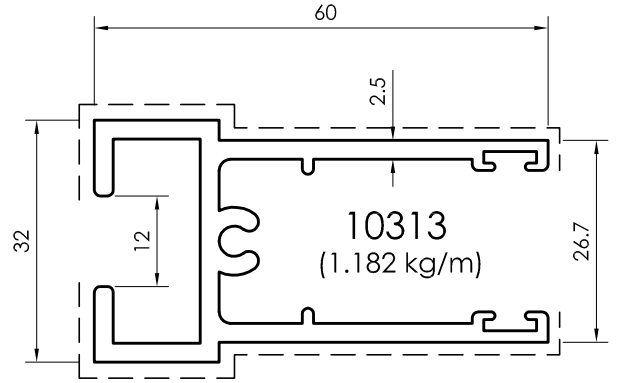
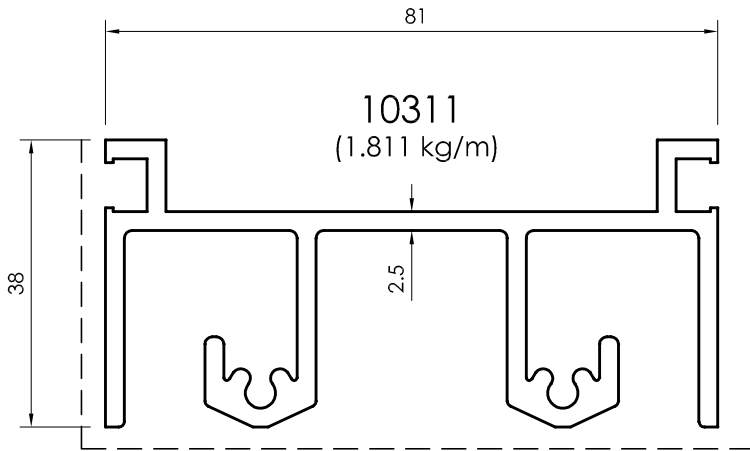
All dimensions in mm
Visible area_-----

Sliding Window - 85mm



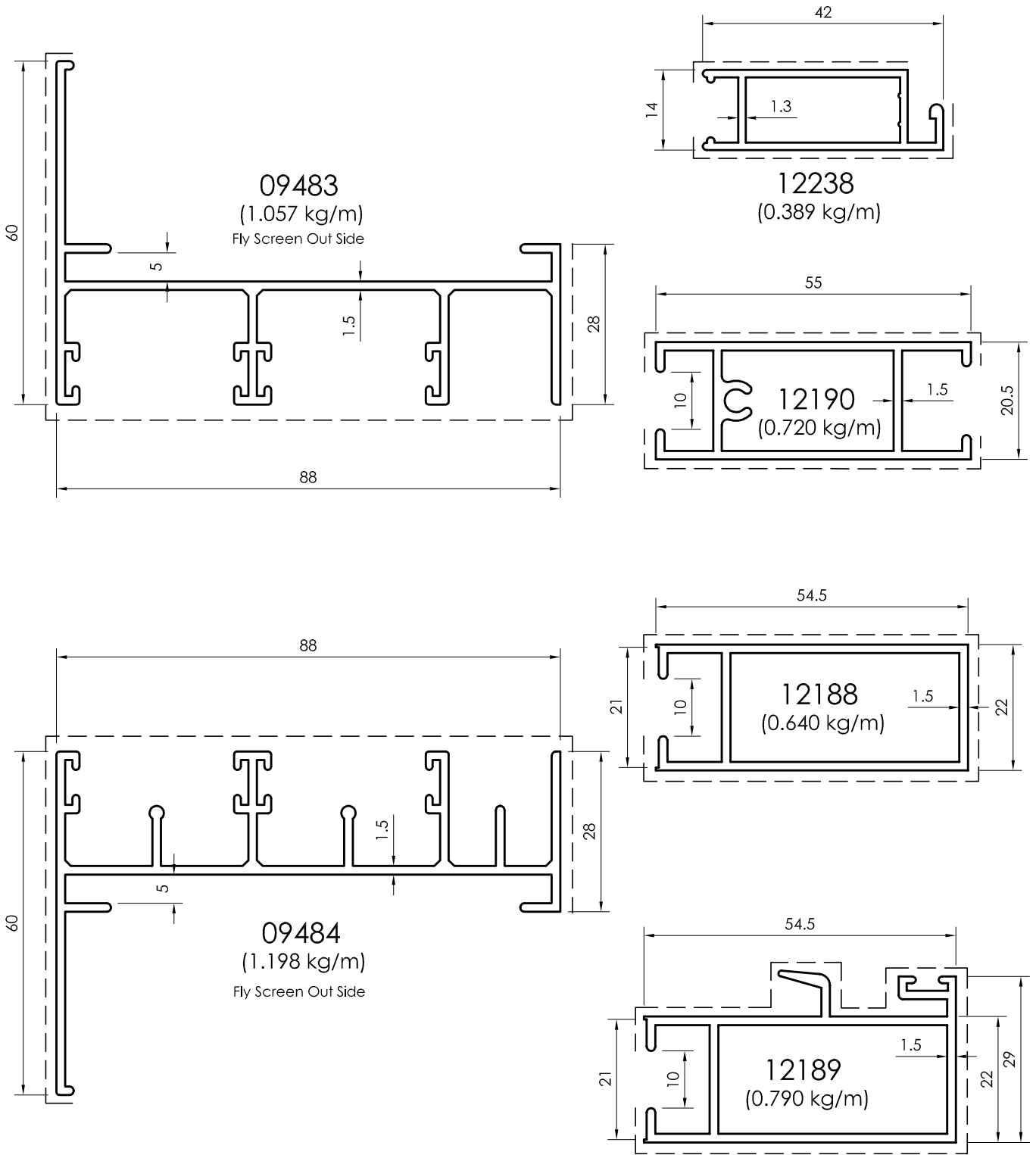
All dimensions in mm
----- Visible area

Sliding Window - 86.3mm



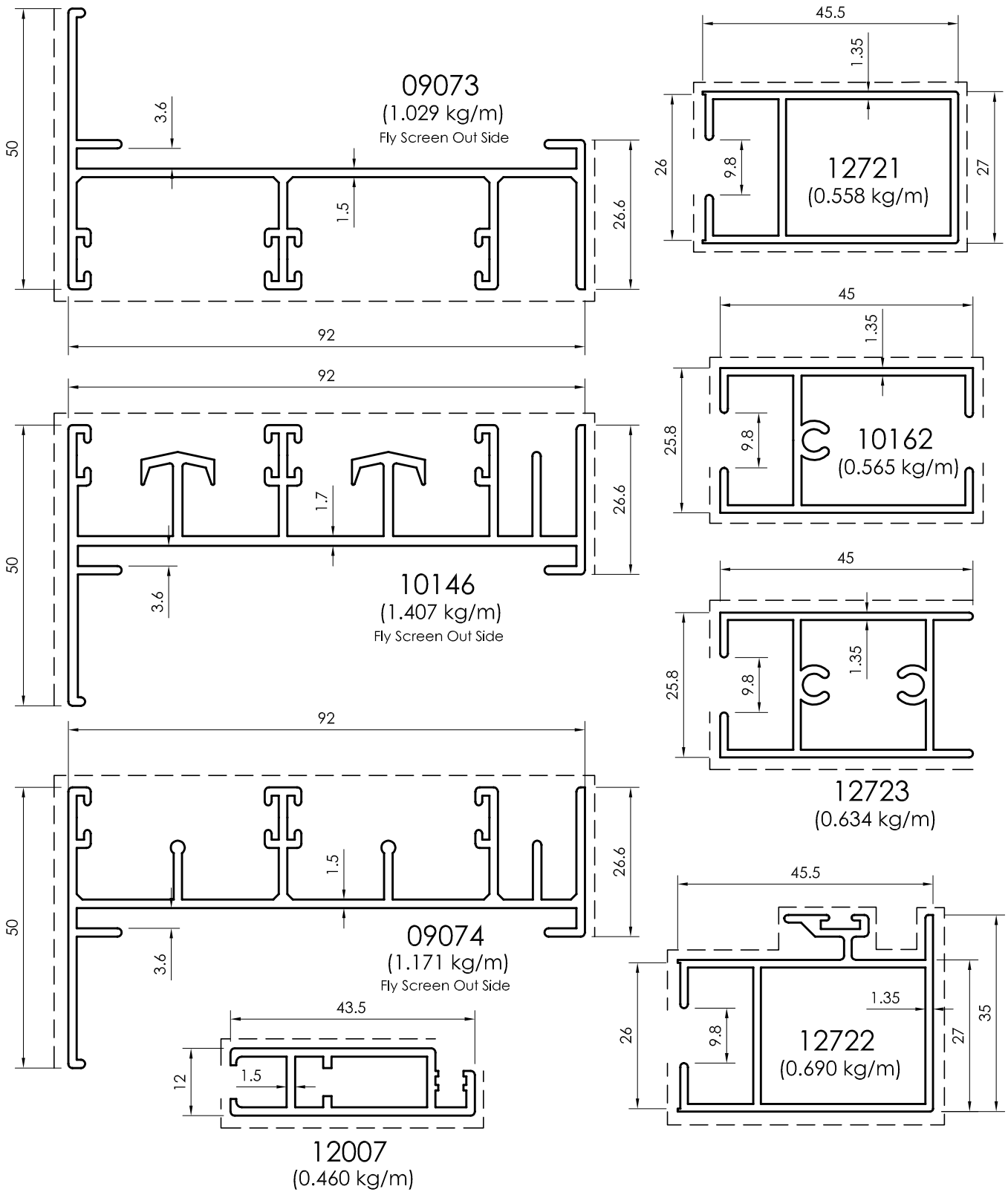
All dimensions in mm
Visible area_-----

Sliding Window - 88mm



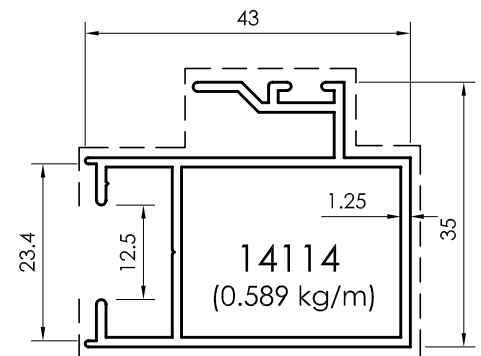
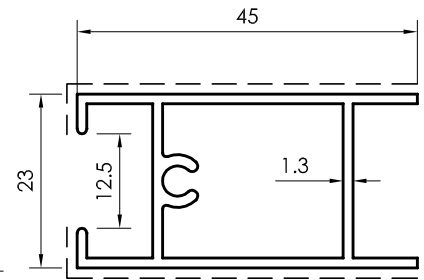
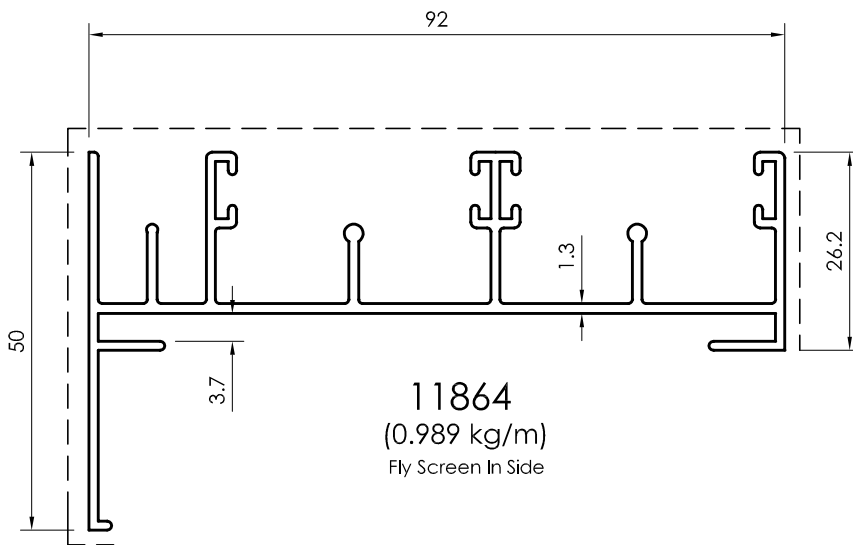
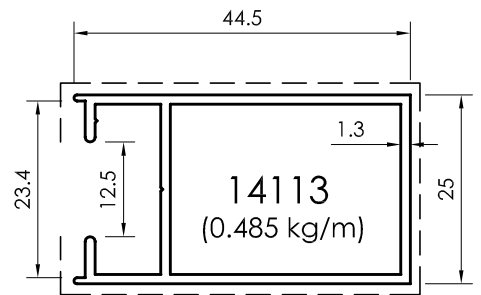
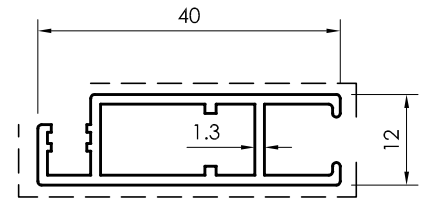
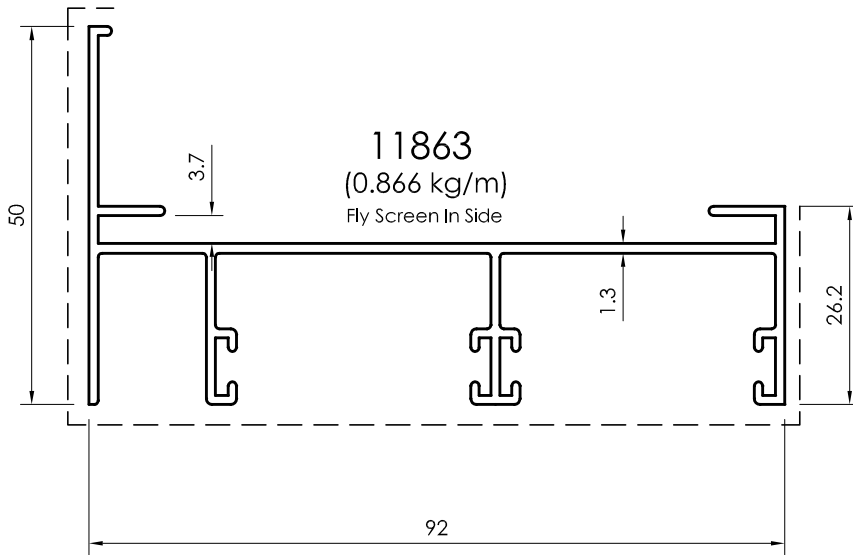
All dimensions in mm
----- Visible area

Sliding Window - 92mm



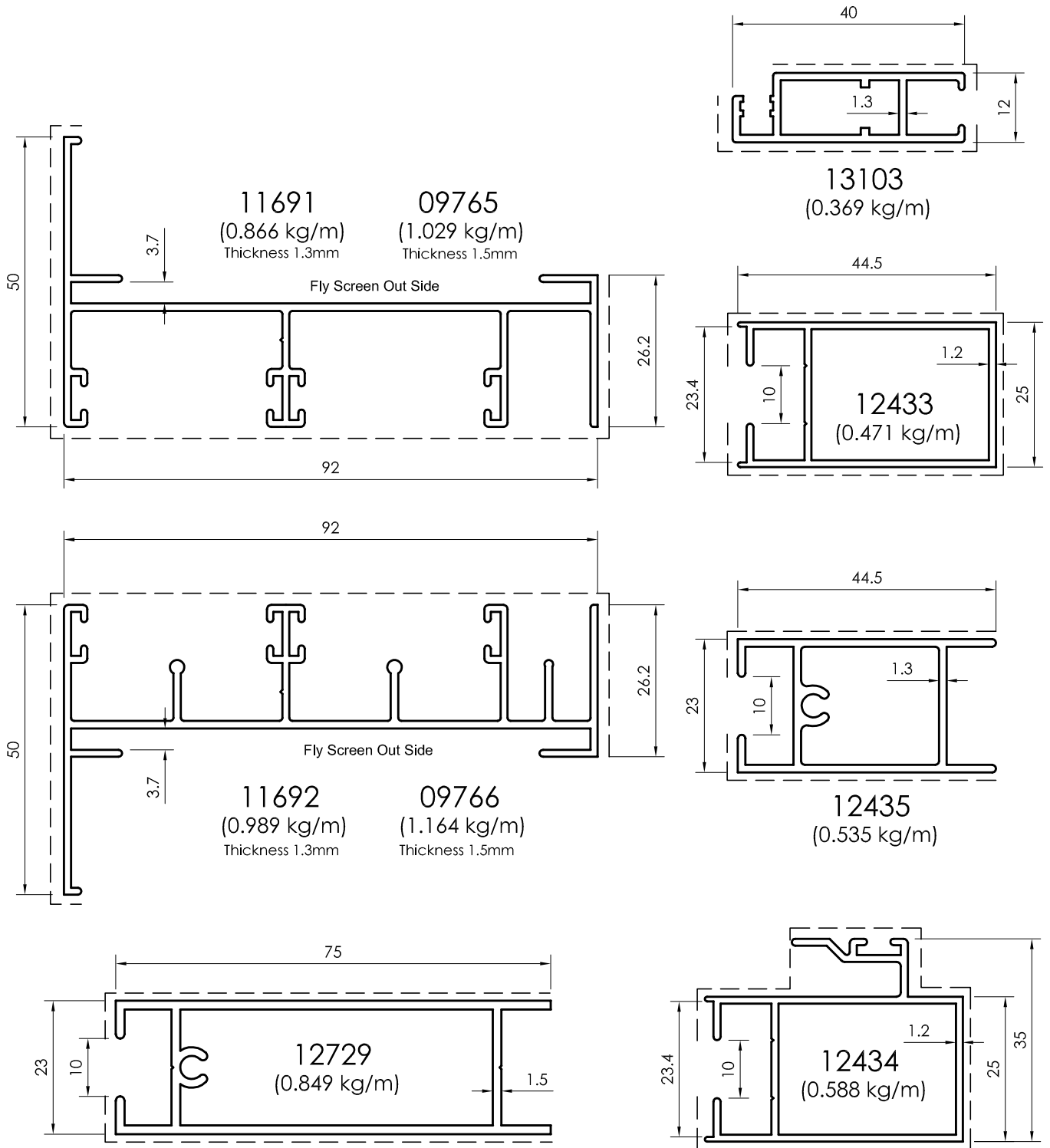
All dimensions in mm
Visible area_-----

Sliding Window - 92mm



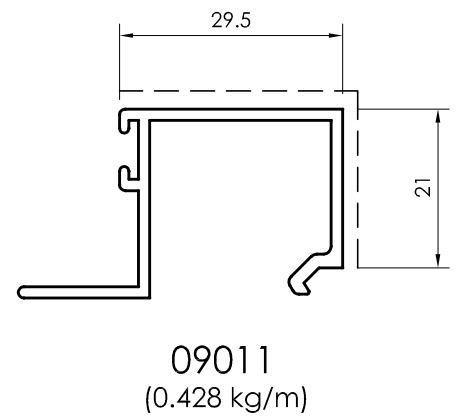
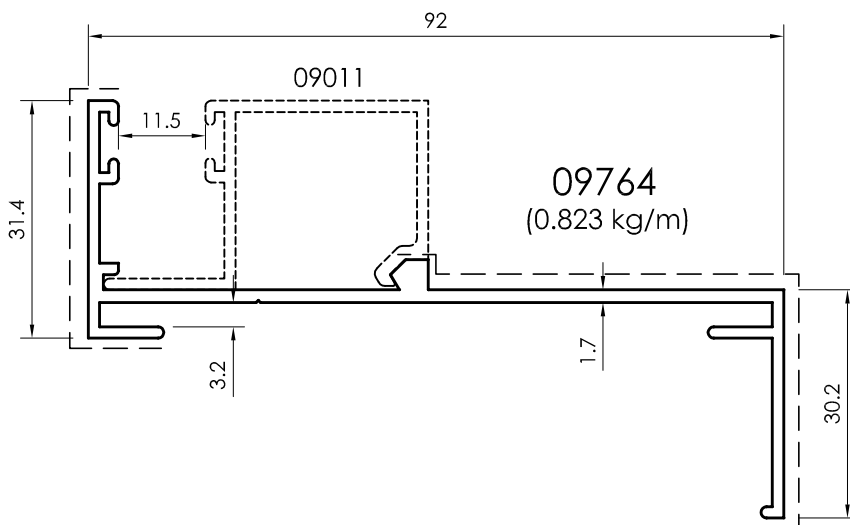
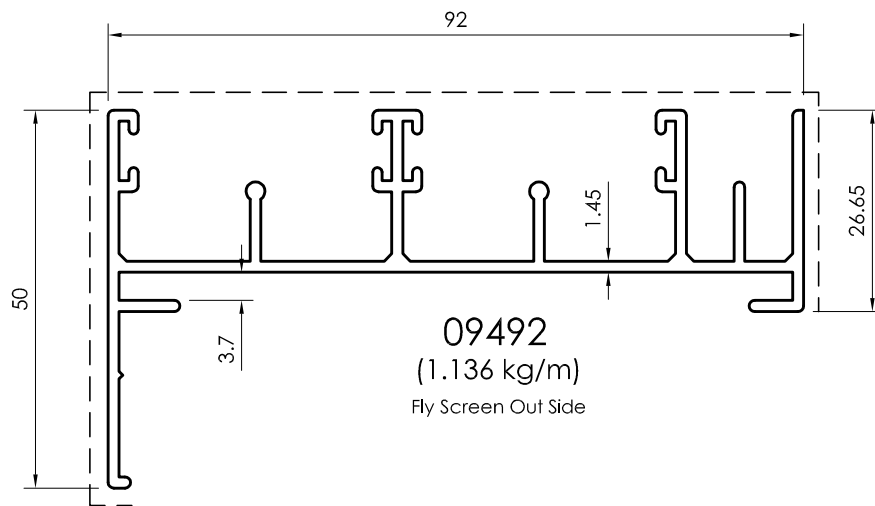
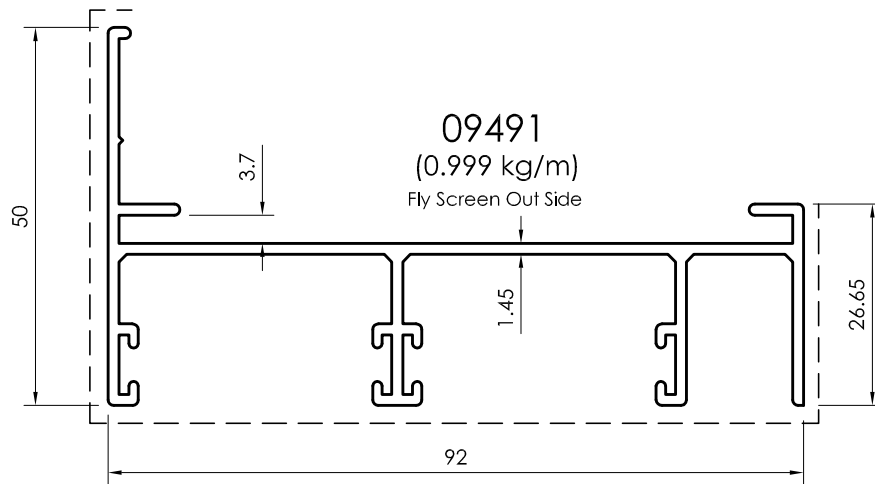
All dimensions in mm
----- Visible area

Sliding Window - 92mm



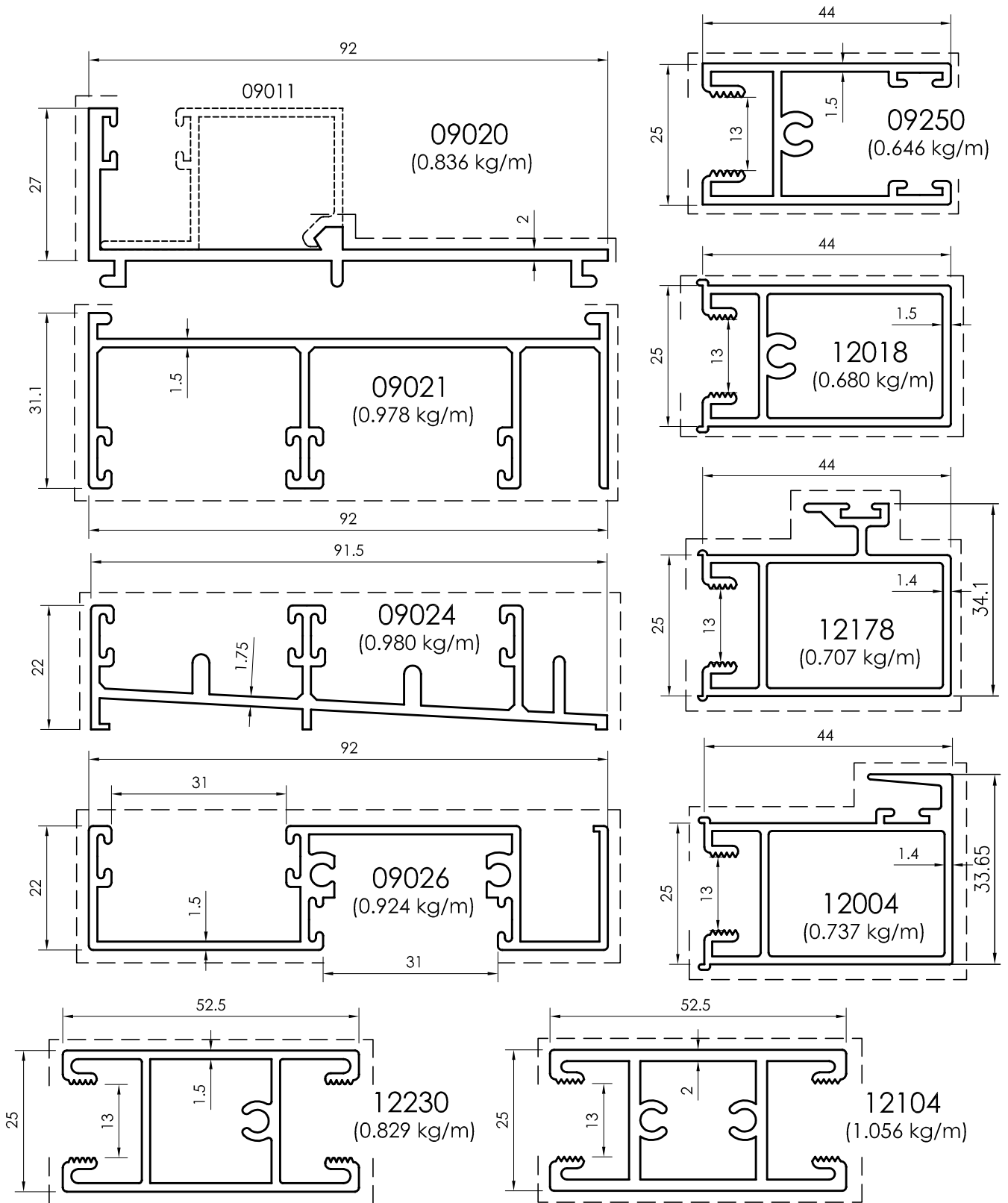
All dimensions in mm
Visible area_-----

Sliding Window - 92mm



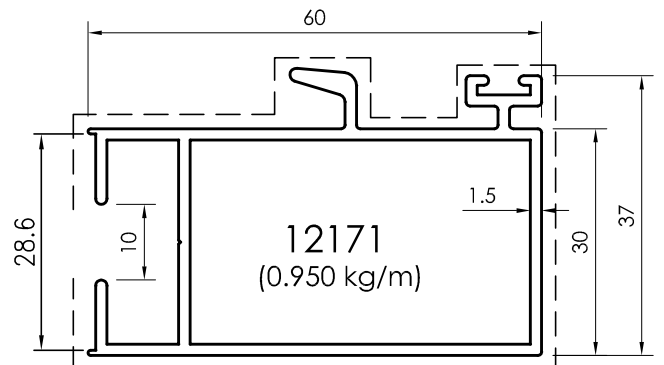
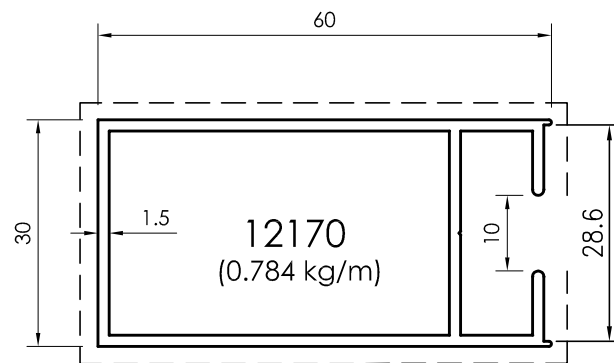
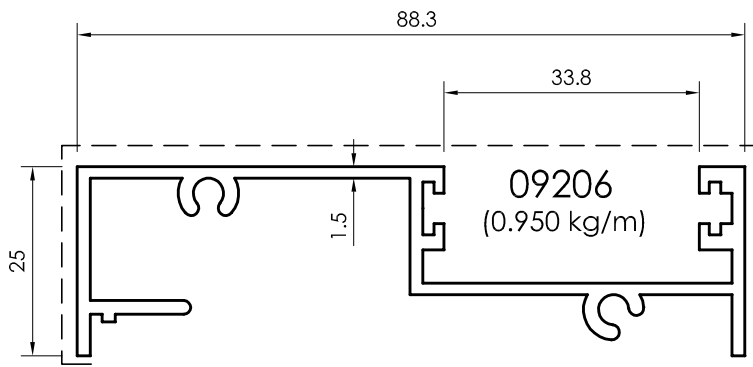
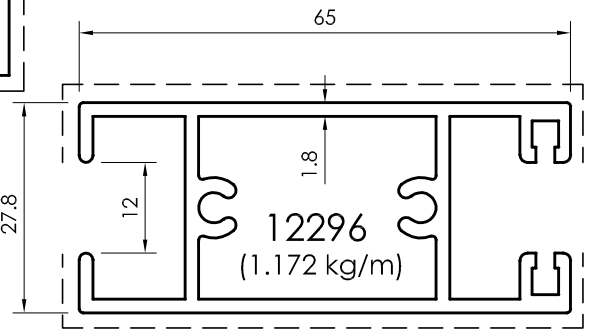
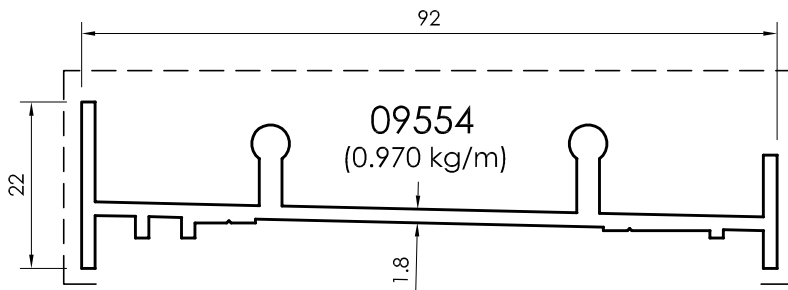
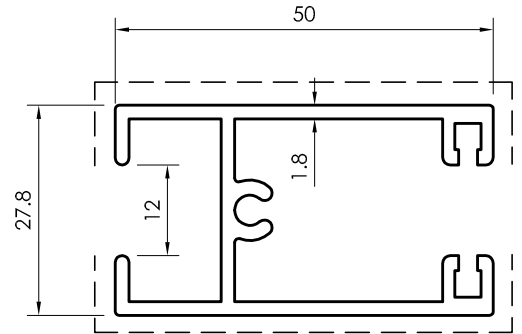
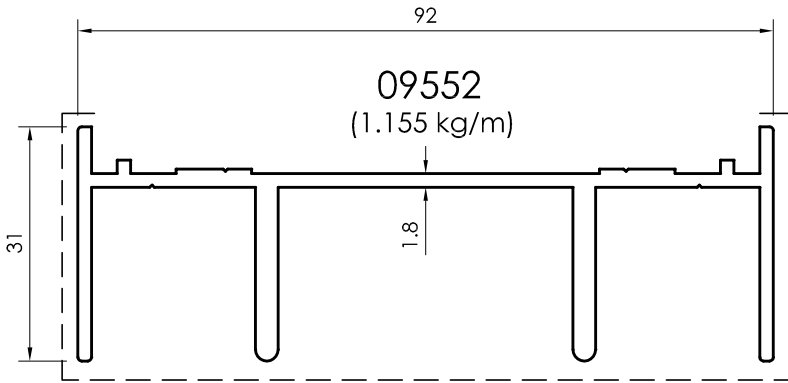
All dimensions in mm
----- Visible area

Sliding Window - 92mm



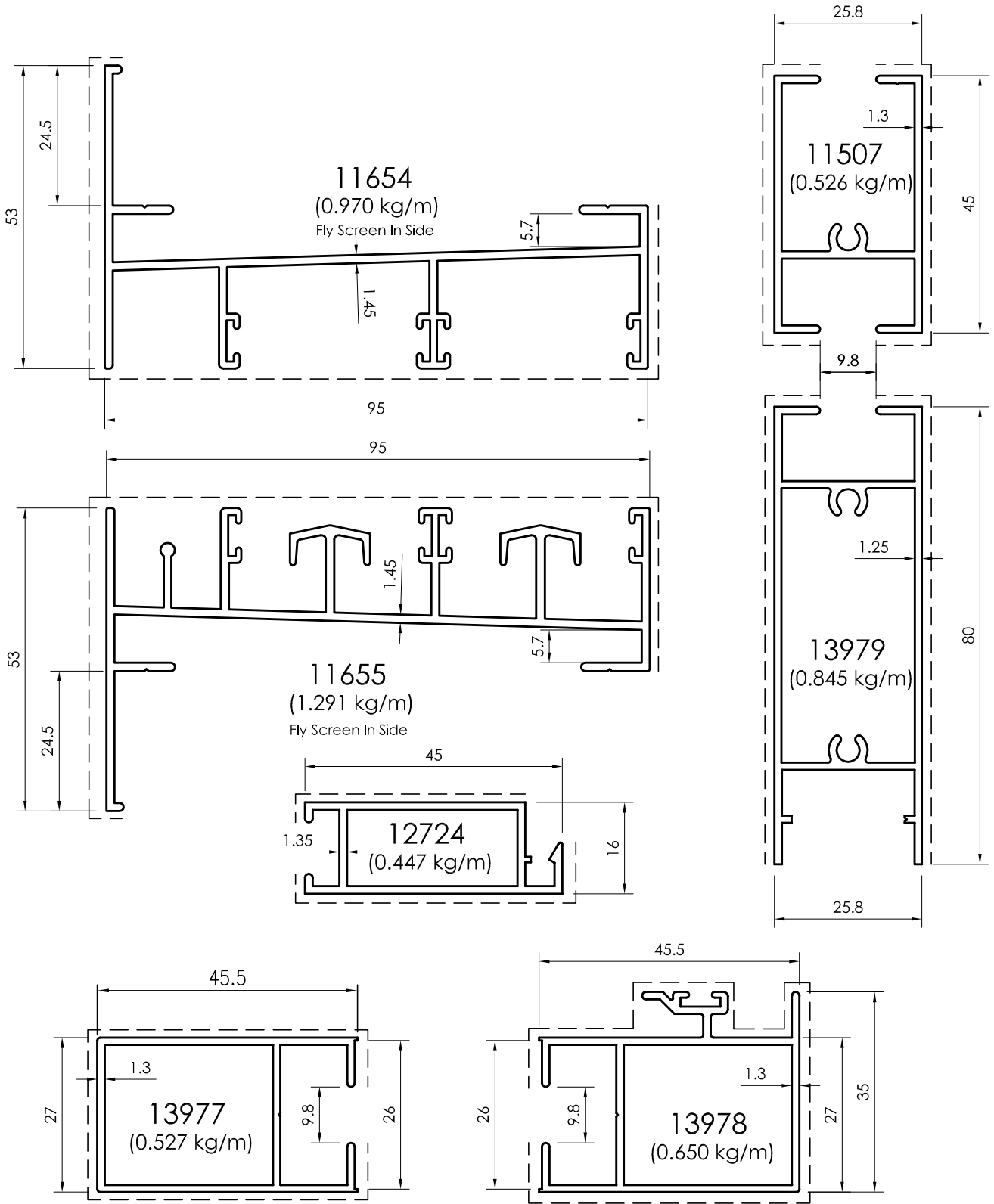
All dimensions in mm
Visible area_____

Sliding Window - 92mm



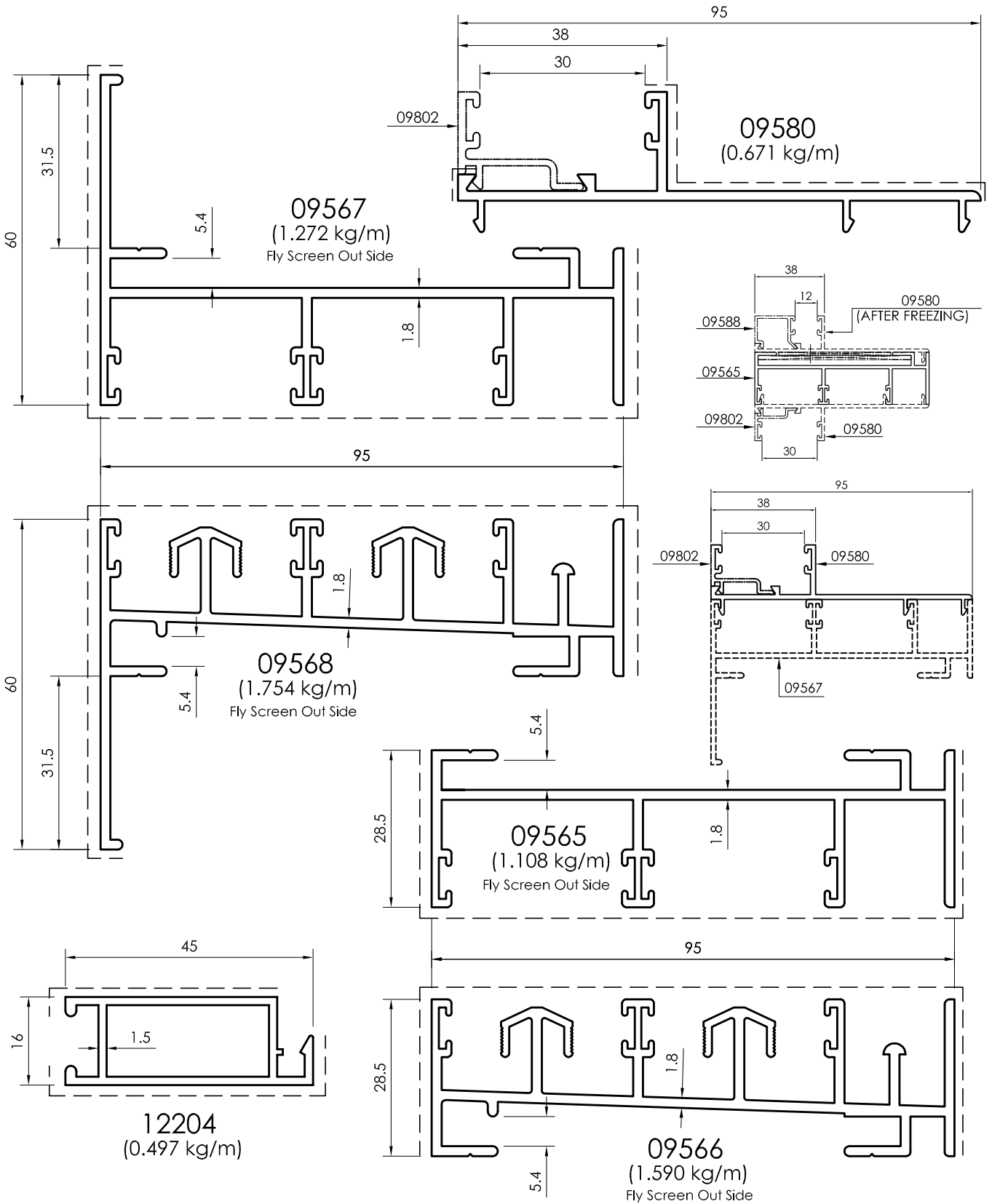
All dimensions in mm
----- Visible area

Sliding Window - 95mm



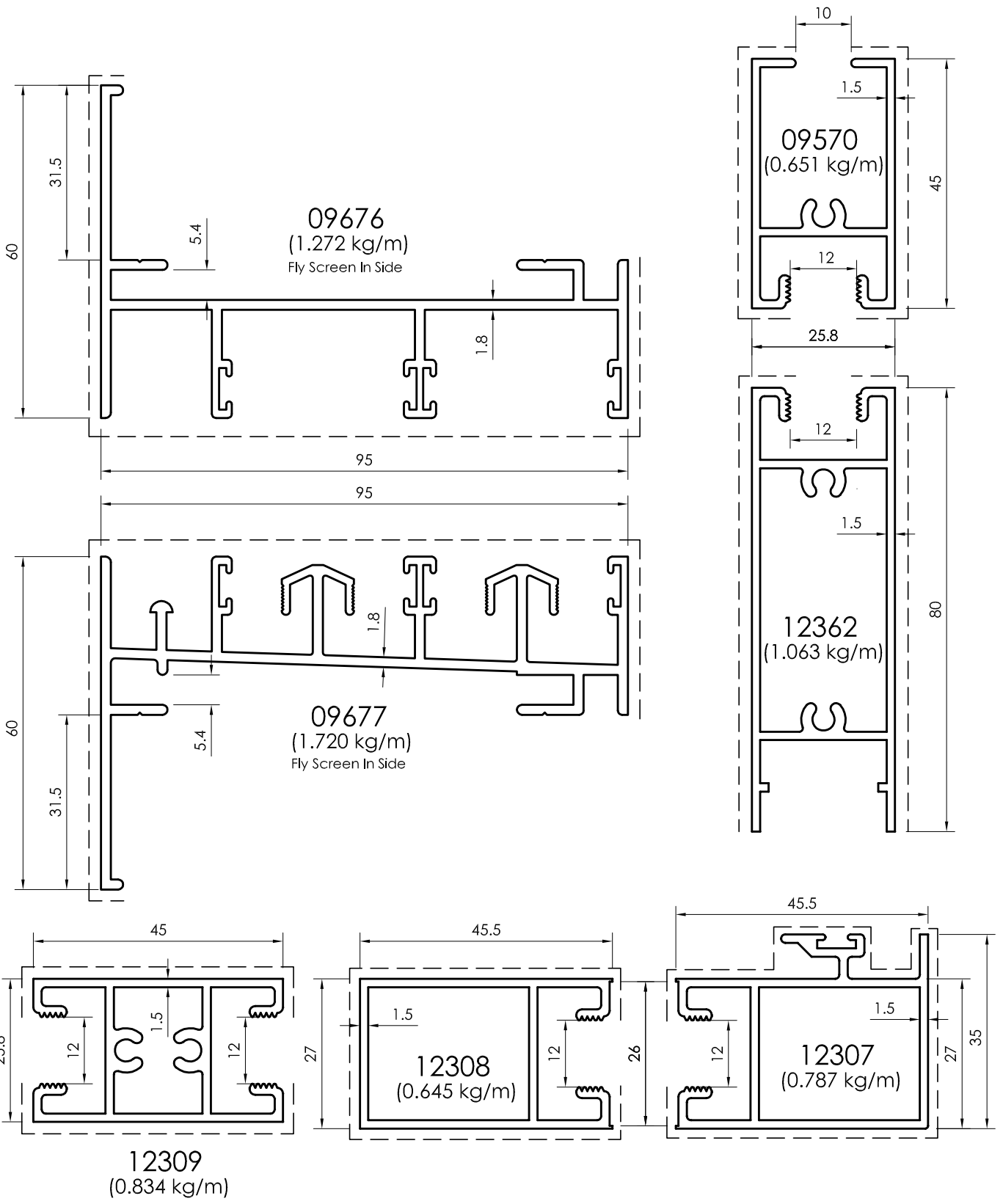
All dimensions in mm
Visible area_____

Sliding Window - 95mm



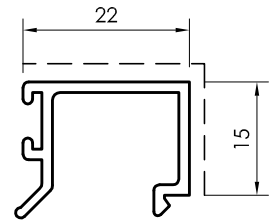
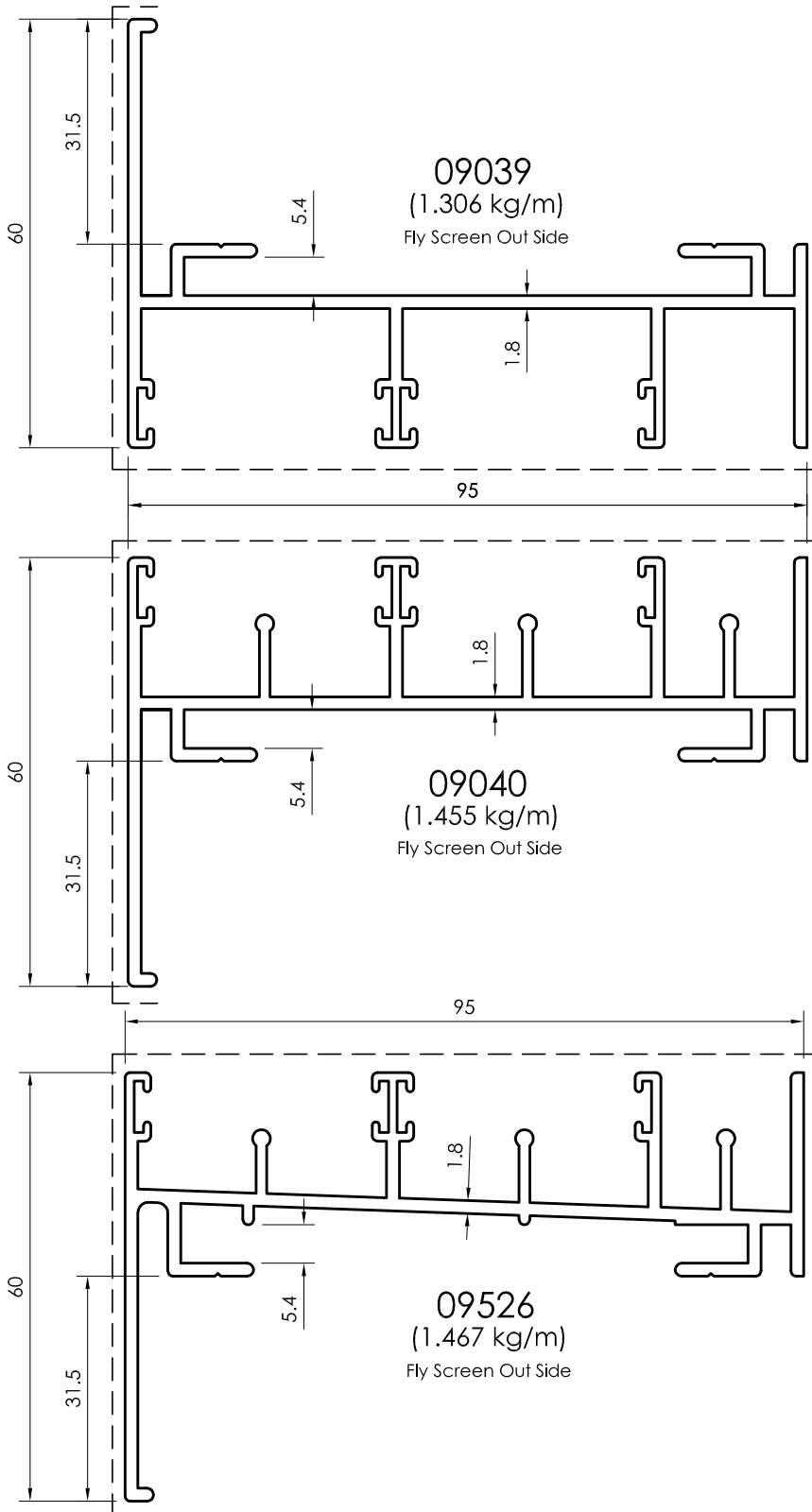
All dimensions in mm
----- Visible area

Sliding Window - 95mm

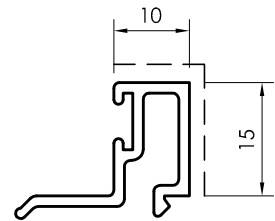


All dimensions in mm
Visible area_____

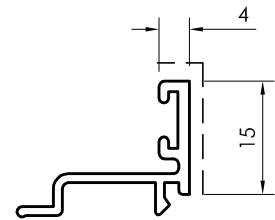
Sliding Window - 95mm



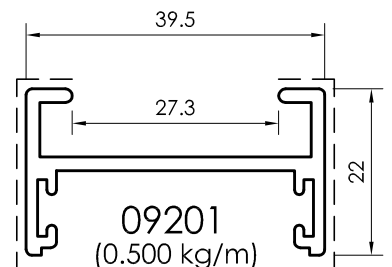
09588
(0.246 kg/m)
For 6mm Glass



09589
(0.237 kg/m)
For 18 & 20mm Glass



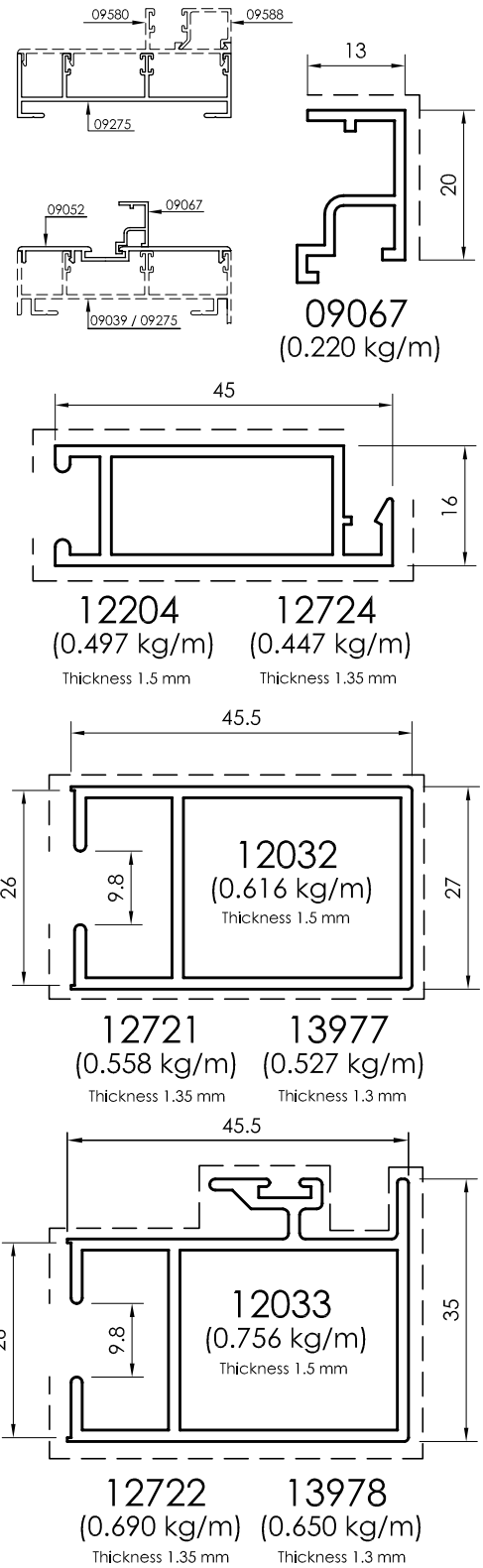
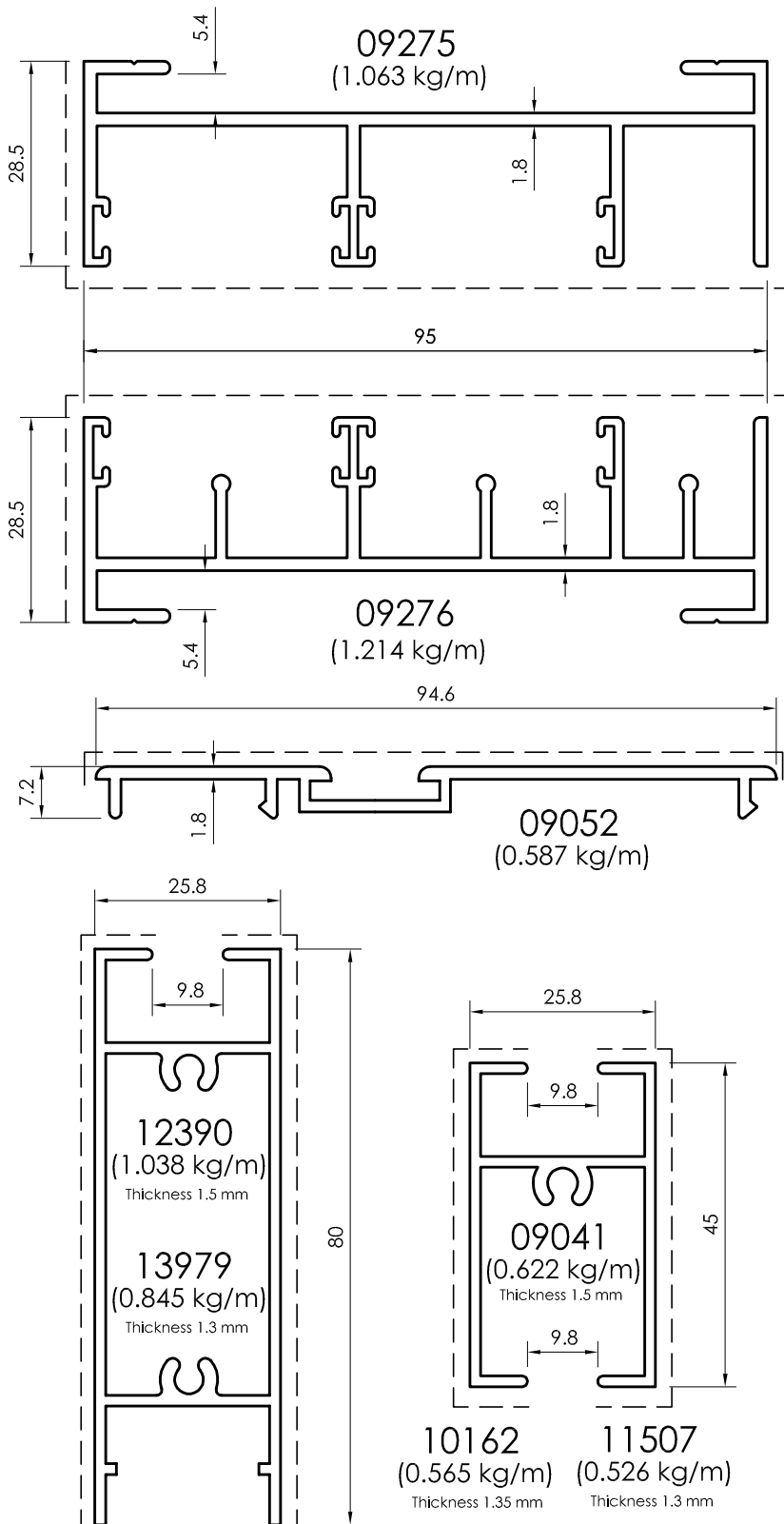
09802
(0.184 kg/m)
For 24mm Glass



09201
(0.500 kg/m)
For 4-Vents

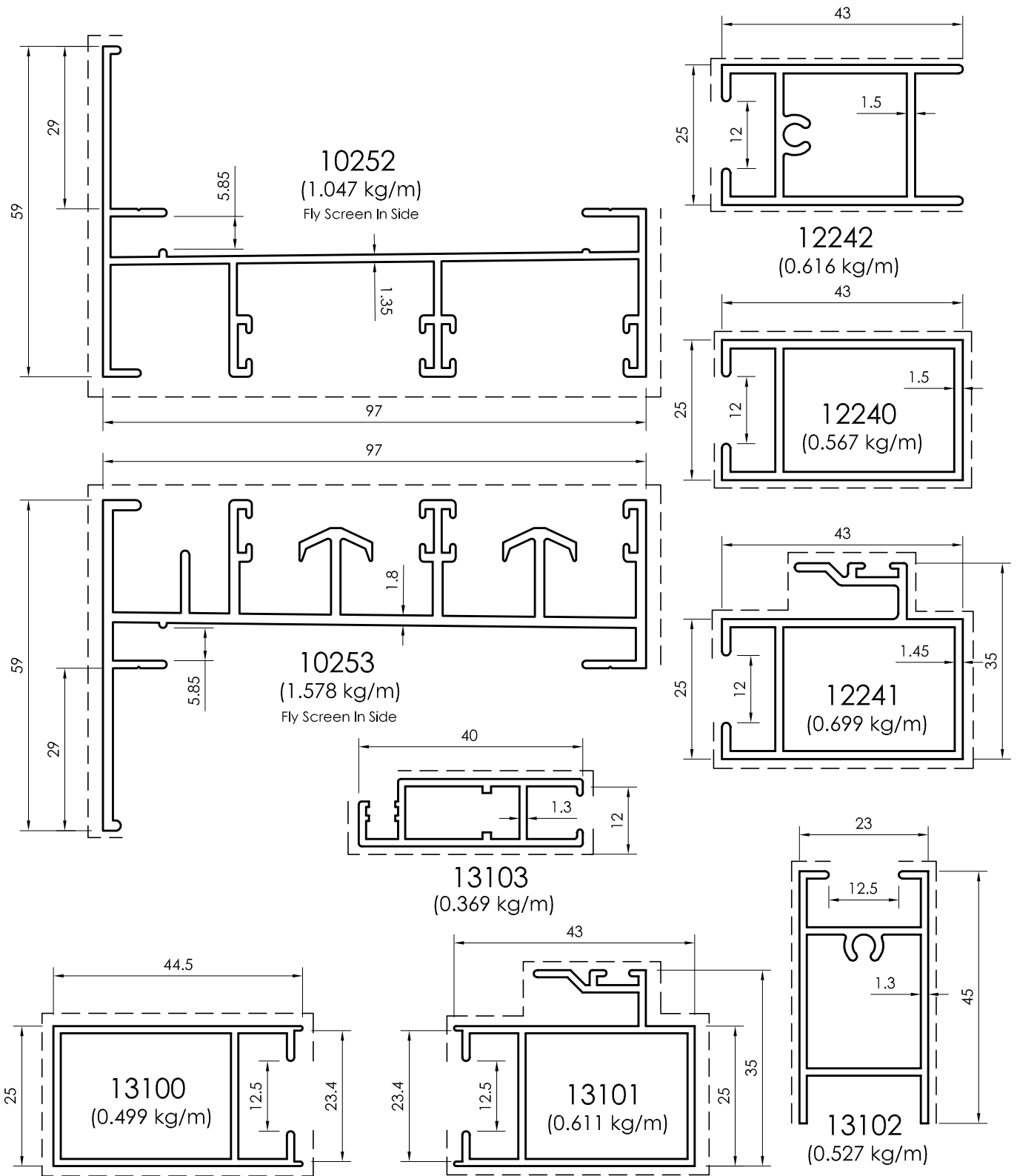
All dimensions in mm
----- Visible area

Sliding Window - 95mm



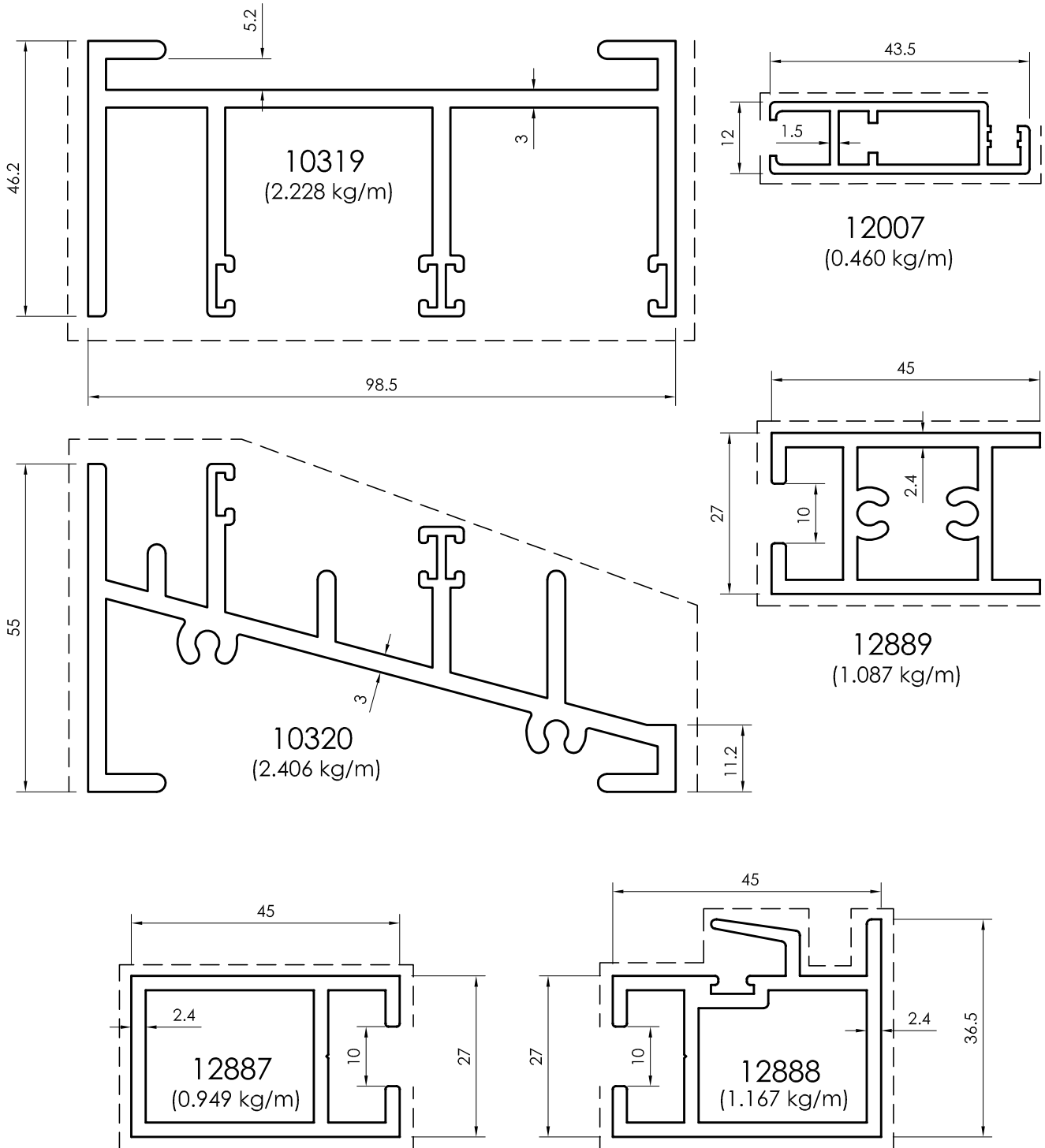
All dimensions in mm
Visible area_____

Sliding Window - 97mm



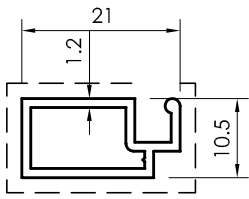
All dimensions in mm
 ----- Visible area

Sliding Window - 98.5mm

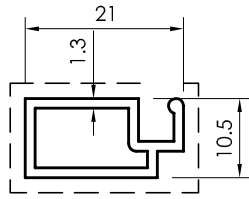


All dimensions in mm
Visible area_-----

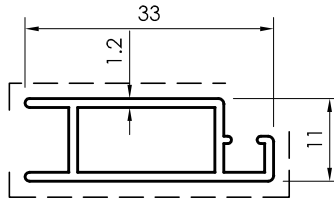
Fly Screen



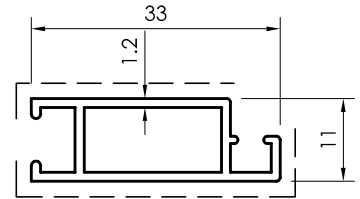
13857
(0.198 kg/m)



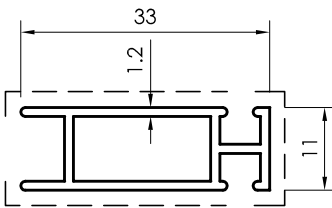
12720
(0.212 kg/m)



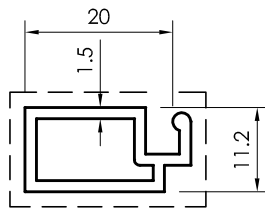
12756
(0.267 kg/m)



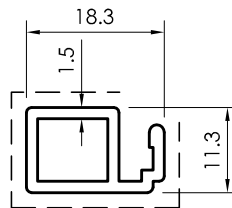
12876
(0.277 kg/m)



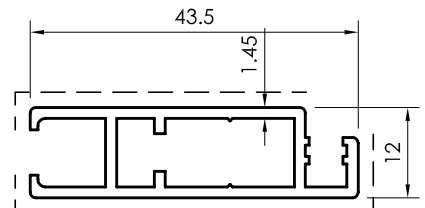
12200
(0.300 kg/m)



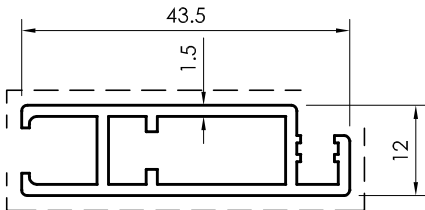
12041
(0.255 kg/m)



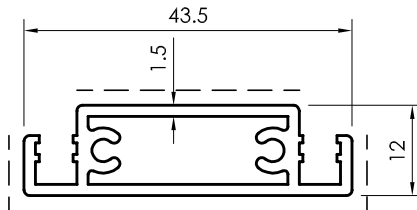
12536
(0.223 kg/m)



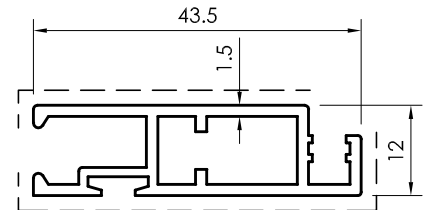
12249
(0.443 kg/m)



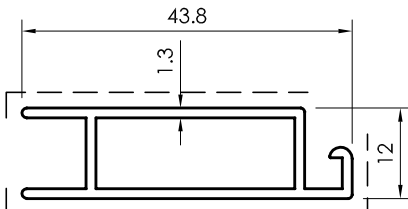
12007
(0.460 kg/m)



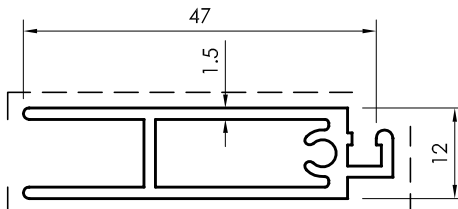
12009
(0.518 kg/m)



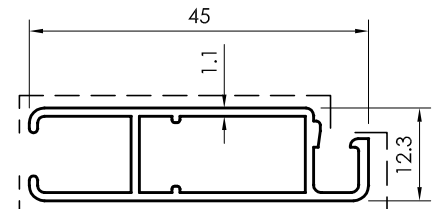
12067
(0.467 kg/m)



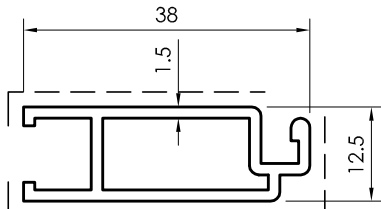
13561
(0.373 kg/m)



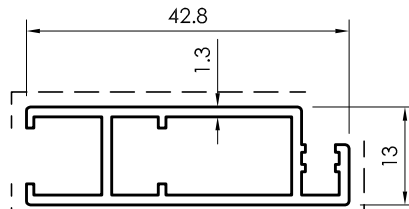
13699
(0.510 kg/m)



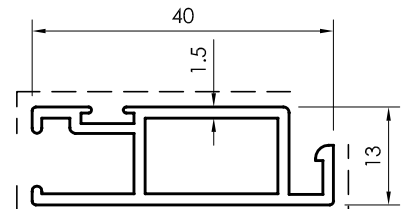
17285
(0.353 kg/m)



12120
(0.409 kg/m)



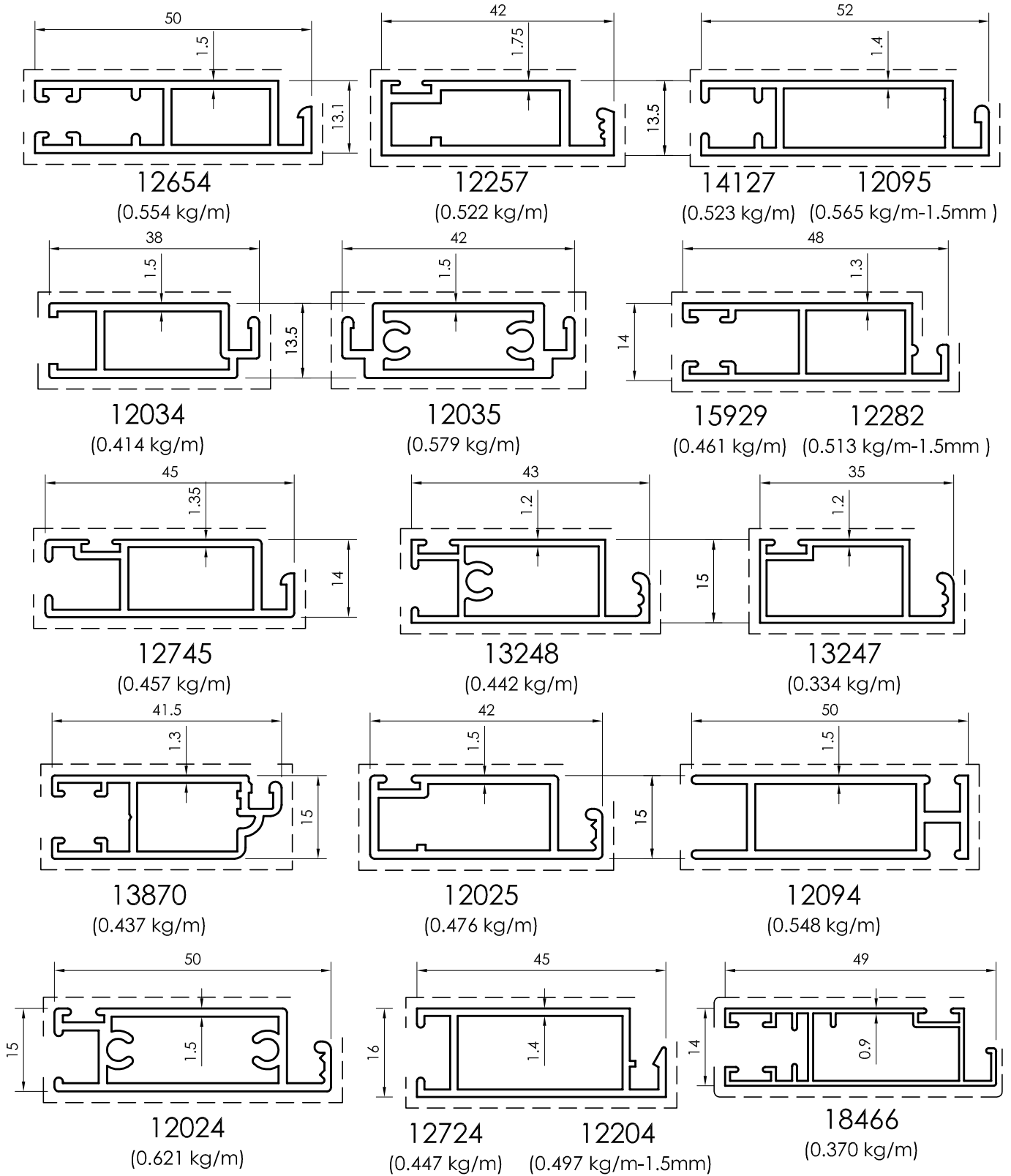
13048
(0.396 kg/m)



12959
(0.426 kg/m)

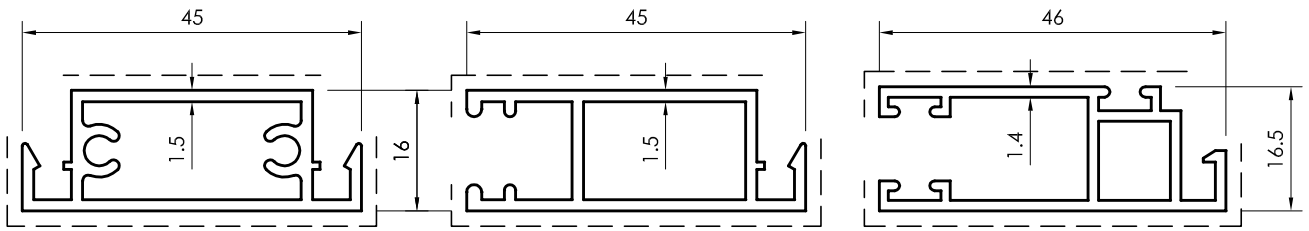
All dimensions in mm
----- Visible area

Fly Screen



All dimensions in mm
Visible area_____

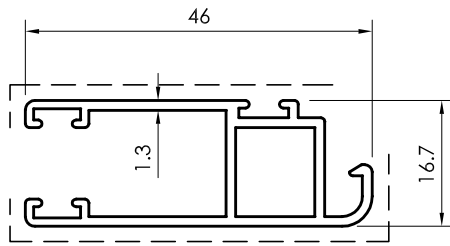
Fly Screen



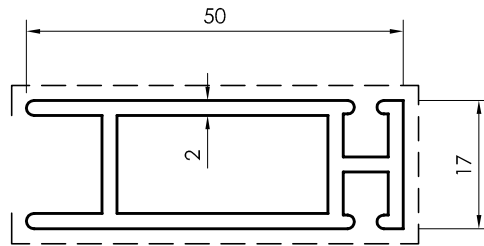
12310
(0.579 kg/m)

12784
(0.511 kg/m)

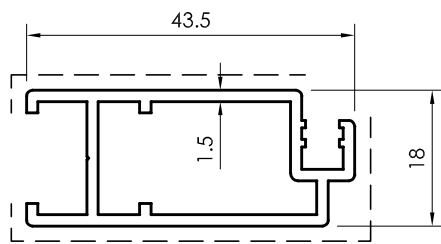
13423
(0.510 kg/m)



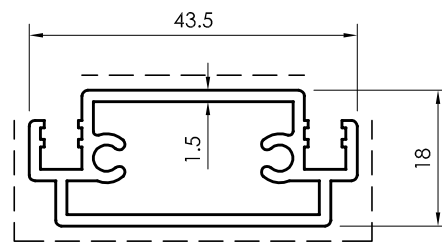
17277
(0.460 kg/m)



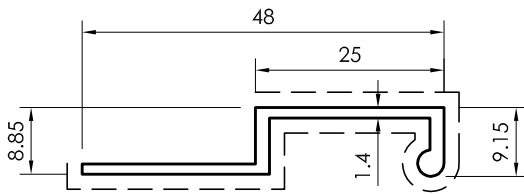
12106
(0.765 kg/m)



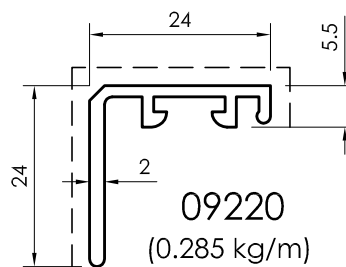
12210
(0.526 kg/m)



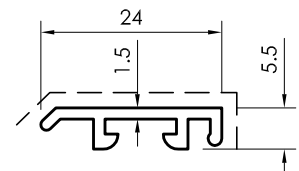
12211
(0.601 kg/m)



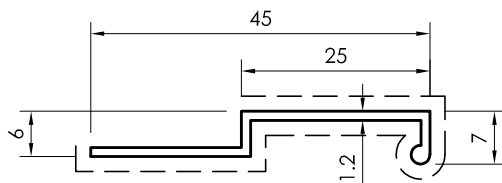
09330
(0.278 kg/m)



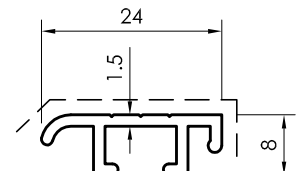
09220
(0.285 kg/m)



09051
(0.200 kg/m)



09366
(0.195 kg/m)



23842
(0.181 kg/m)

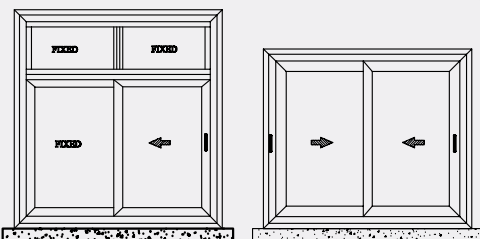
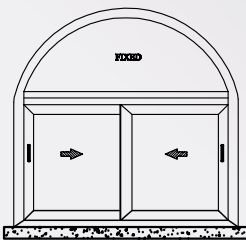
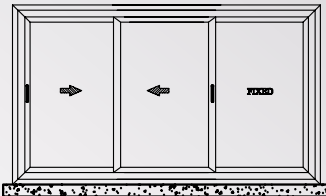
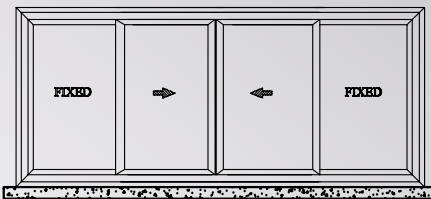
All dimensions in mm
----- Visible area

TB-SLIDING SERIES

MONTANA 120mm

- Features Glass - 24mm
- Alloys - 6063 / 6060/ 6061 / 6082
- System Performance:
- Montana System has been tested at Al-Futtaim bodycote

Air Infiltration	ASTM E283-04
Water Penetration	ASTM E331-00
Wind Resistance	ASTM E330-02 (Serviceability)
Wind Resistance	ASTM E330-02 (Safety)
- Frame: 120mm
- Sash: 37.4mm
- Fly screen can be used from inside & outside
- The System covers Arch shapes, two, three & four sash including profiles for top and bottom fixed lights
- Assembly of the Frame & Sash cut 45°
- Thermal strip 16mm
- EPDM Gaskets
- Finishes:
 - Powder Coates
 - Anodizing
 - According to Shades available in Gulf Extrusions



The New Montana Thermal Break 120mm Sliding System is designed for heavy duty use (H-HC40) according to the American National Standard. The results have been impressive and apply to energy conservation, sound reduction and water & dust proofing. The Montana Thermal Break with 16mm fiberglass reinforced polyamide insulation has the sought after properties of high thermal resistance, rigidity, hardness and strength. The importance of thermal conductivity in the aluminum frame becomes apparent when one considers that the frame accounts for an average of 25% of the total window surface.

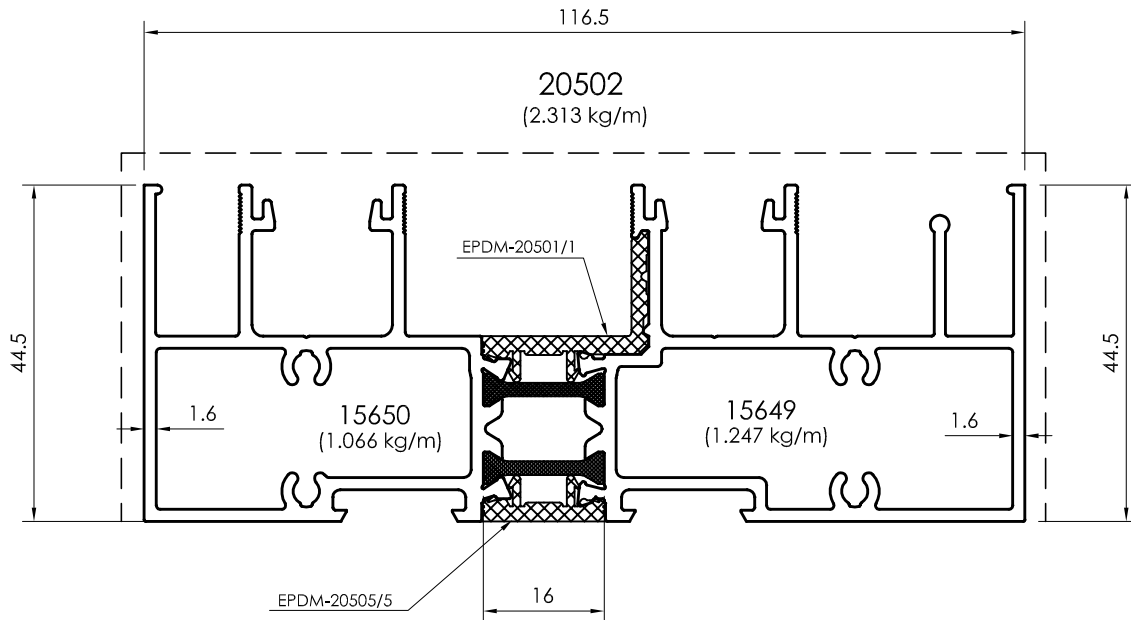
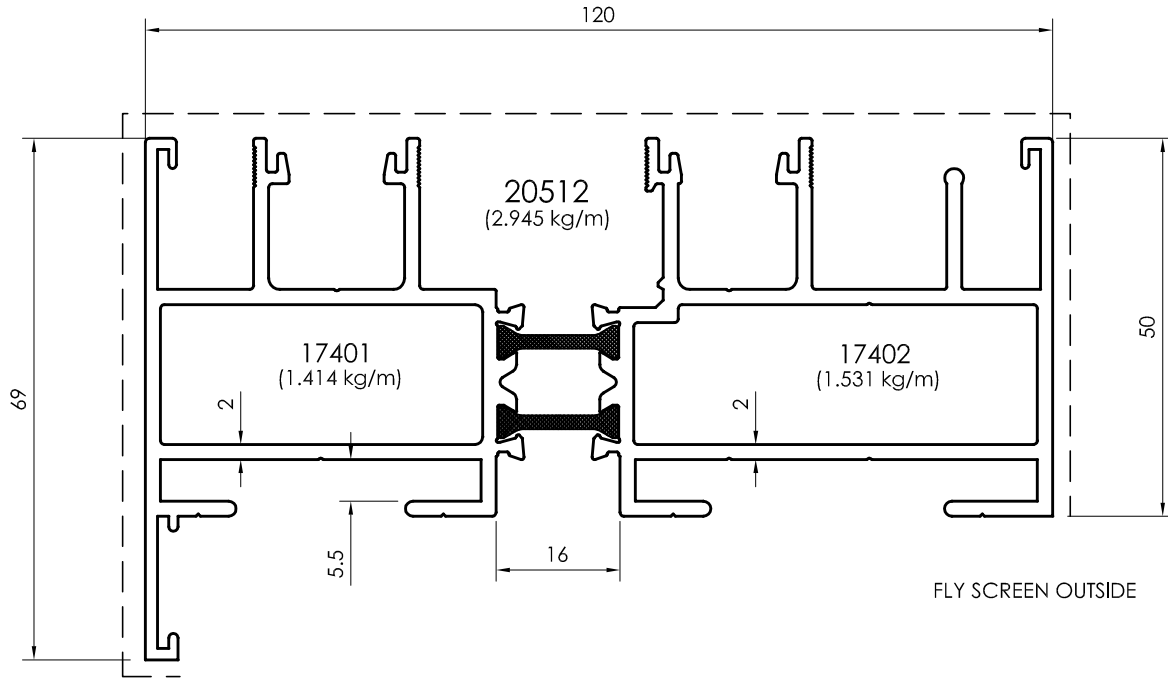
- Normal Aluminium Profiles $K=5.7W/M^2k$
- With 16mm Thermal Strip $K=3.3W/M^2k$

The System consists of a single frame and sash profile that will be used on all four sides, with snap on track-clips. The 16mm polyamide strips are introduced into the frame and sash profiles and then externally crimped using special tooling. The compressive test of the crimped profile is tested to ensure maximum strength.

The system covers two, three and four sashes including profiles for top and bottom fixed lights. Special lids have been designed to cover the frame tracks at the area where the sliding shutter is fixed. In order to meet the needs of today's architects, window and door systems must be provided in a variety of colors. This system has the special advantage of permitting subsequent application of all presently known surfaces suitable for use with aluminium either after or before the thermal break strips have been assembled.

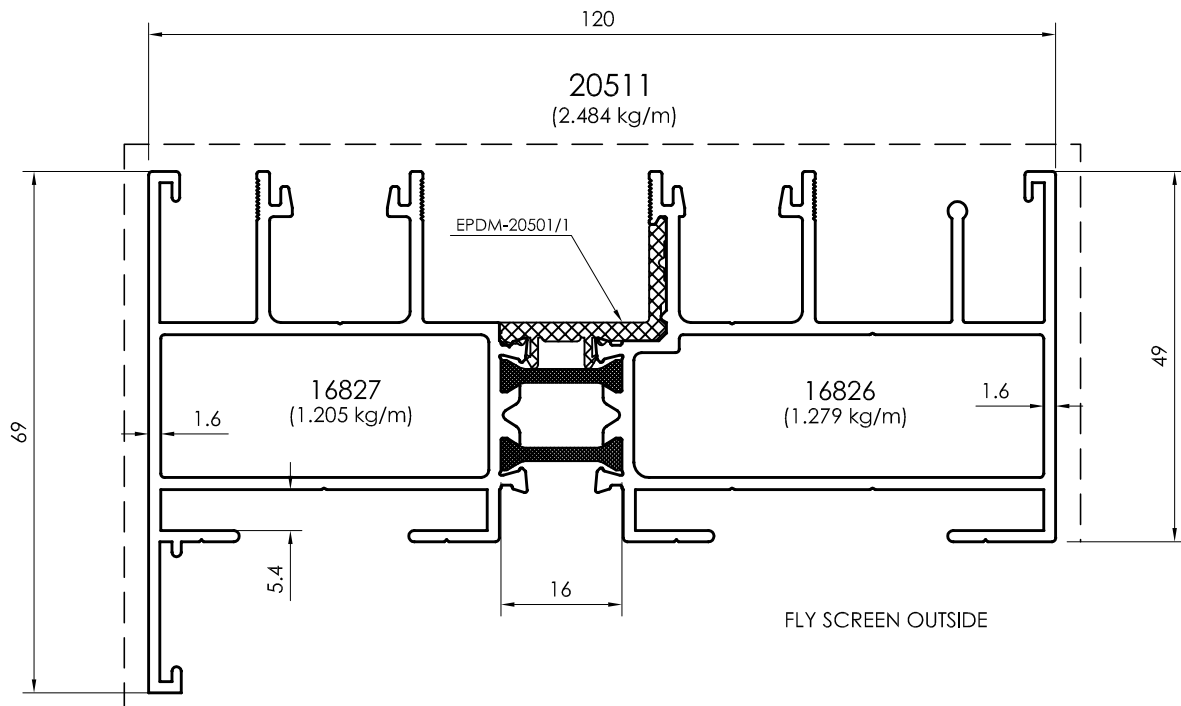
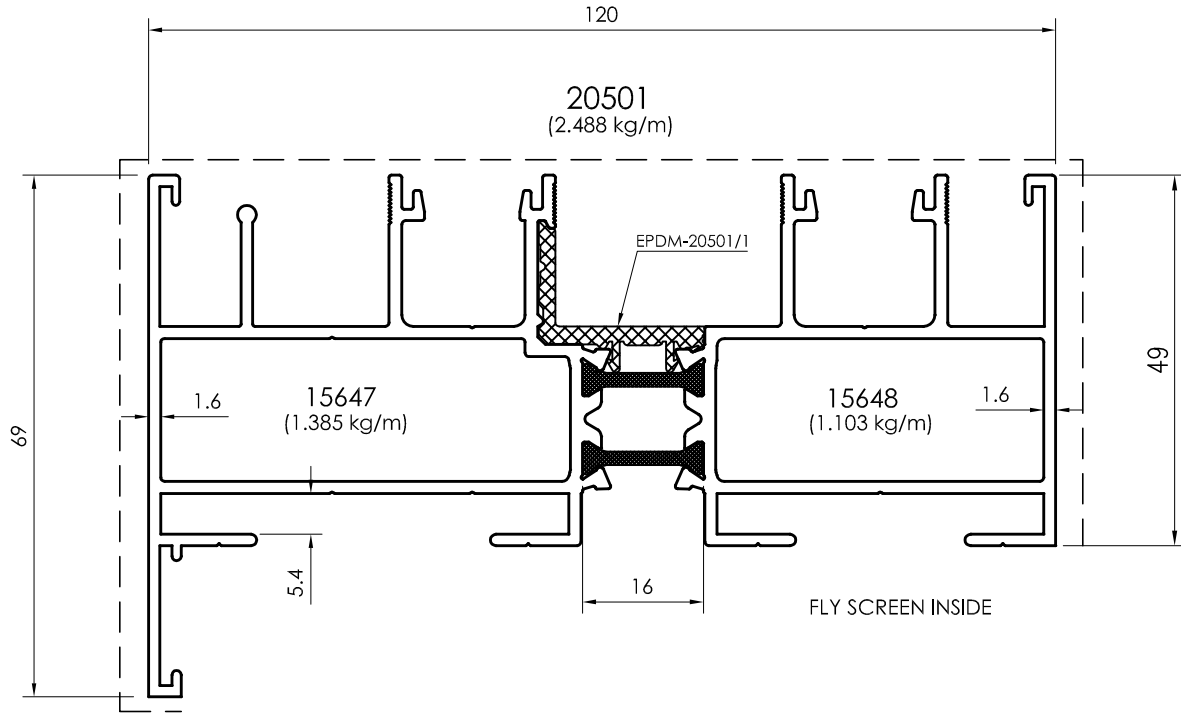
For better performance of the system, alignment cleats for the frame and shutter are used. Durable weather sealing mastic is a must at all joints. Specially designed EPDM gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as roller & flush handles come as part of the system.

Frame Profiles



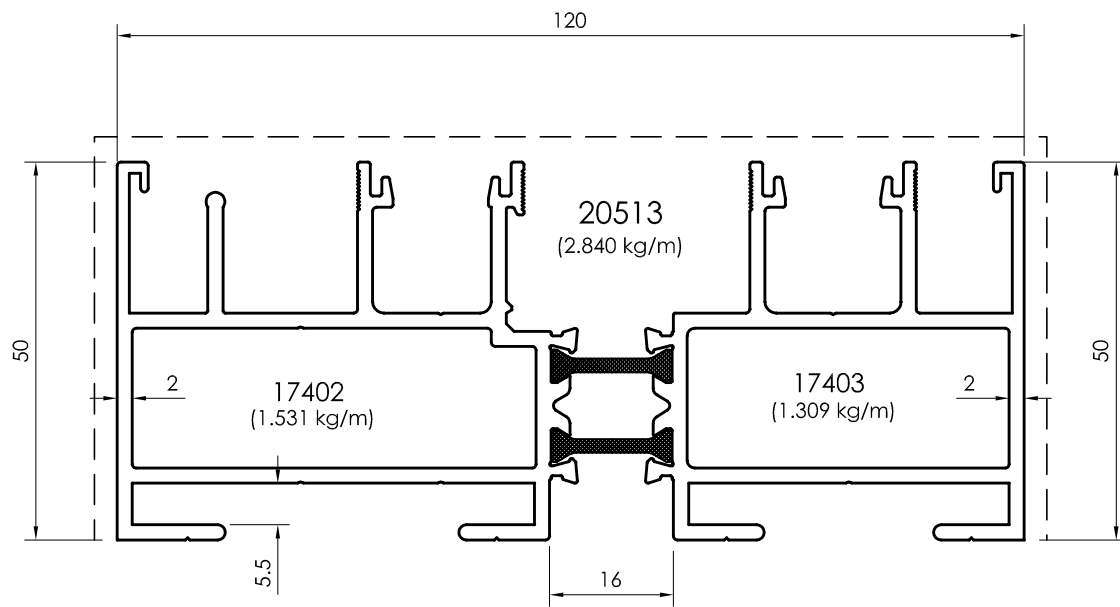
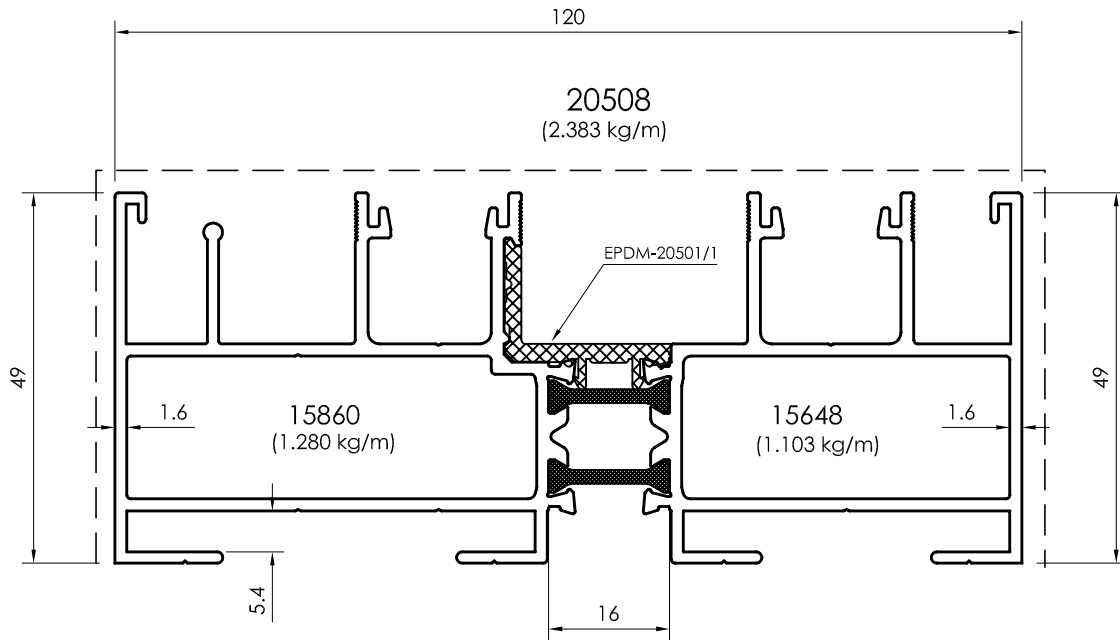
All dimensions in mm
 ----- Visible area

Frame Profiles



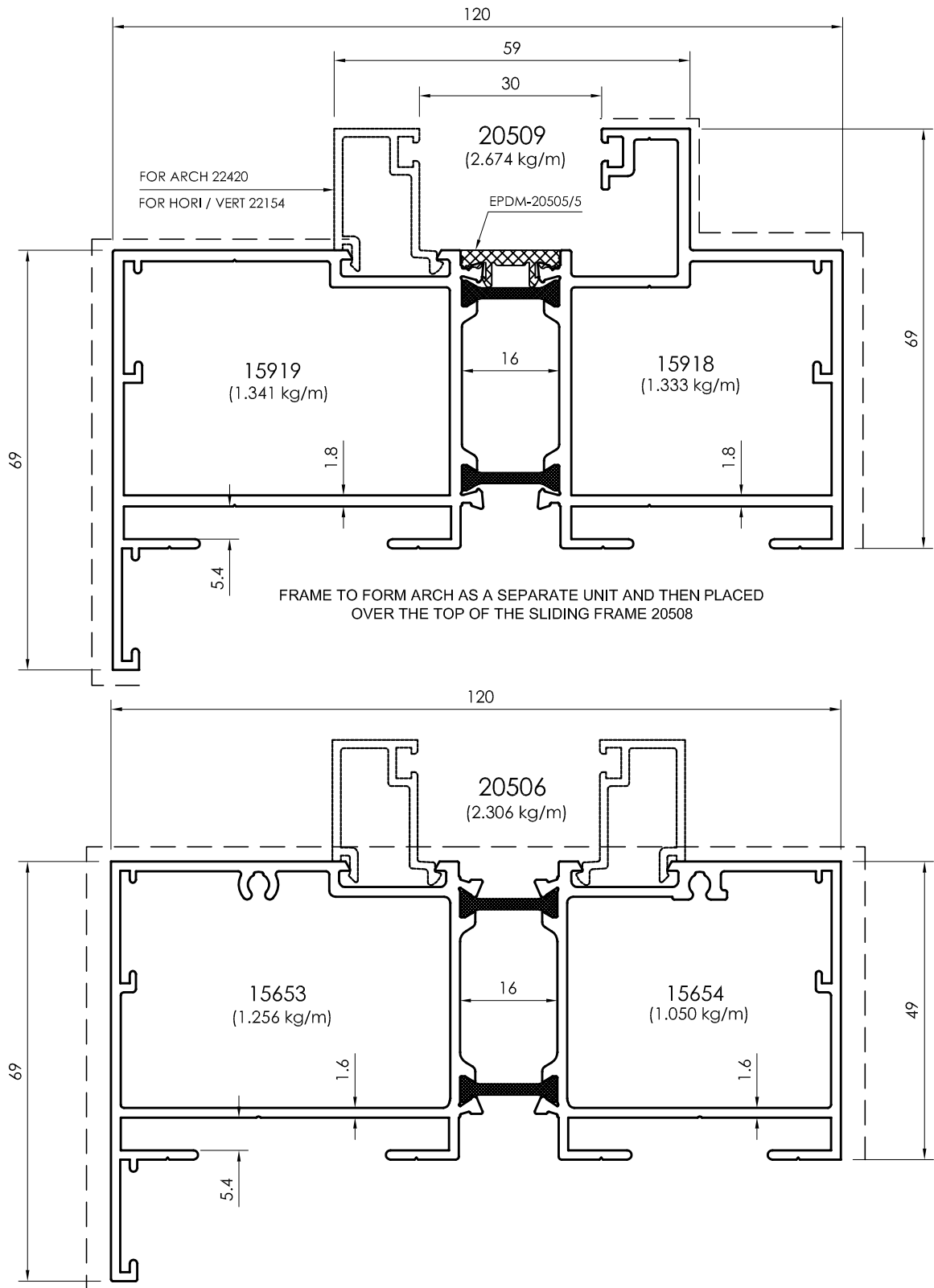
All dimensions in mm
Visible area_____

Frame Profiles



All dimensions in mm
 - - - - - Visible area

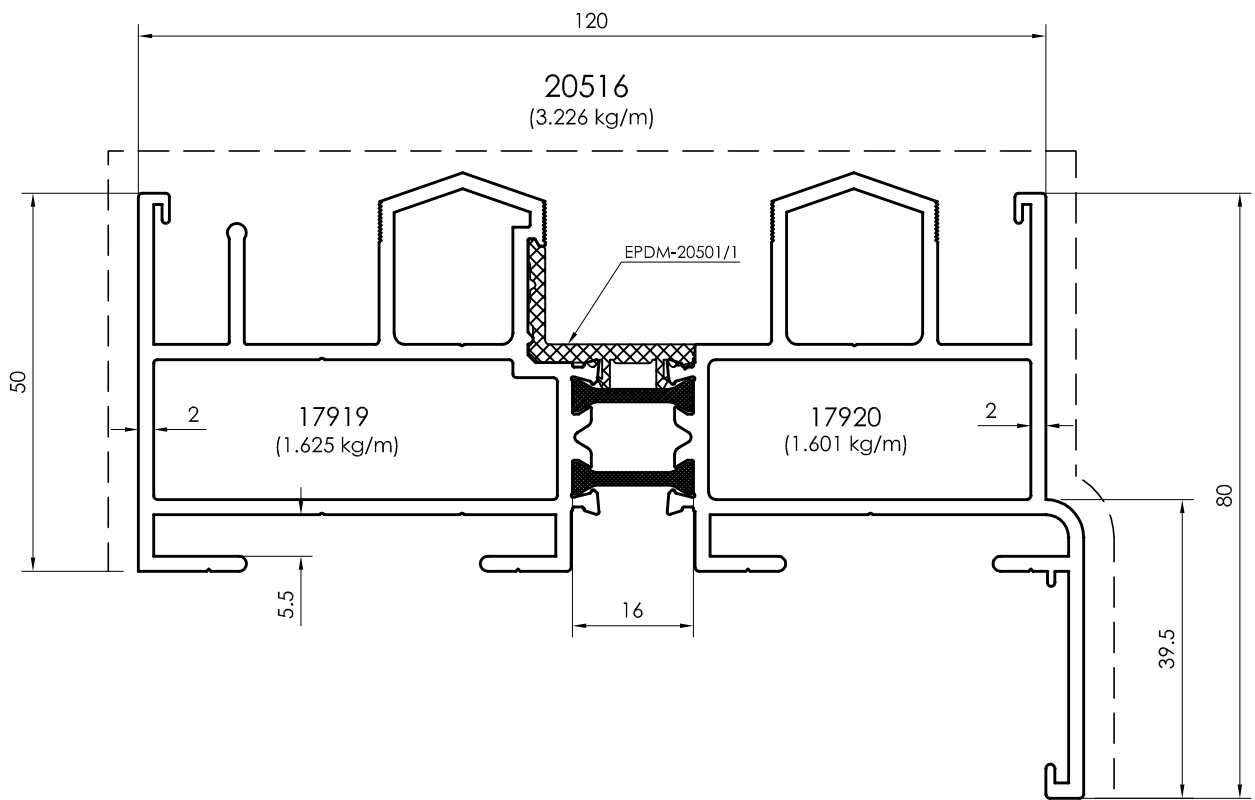
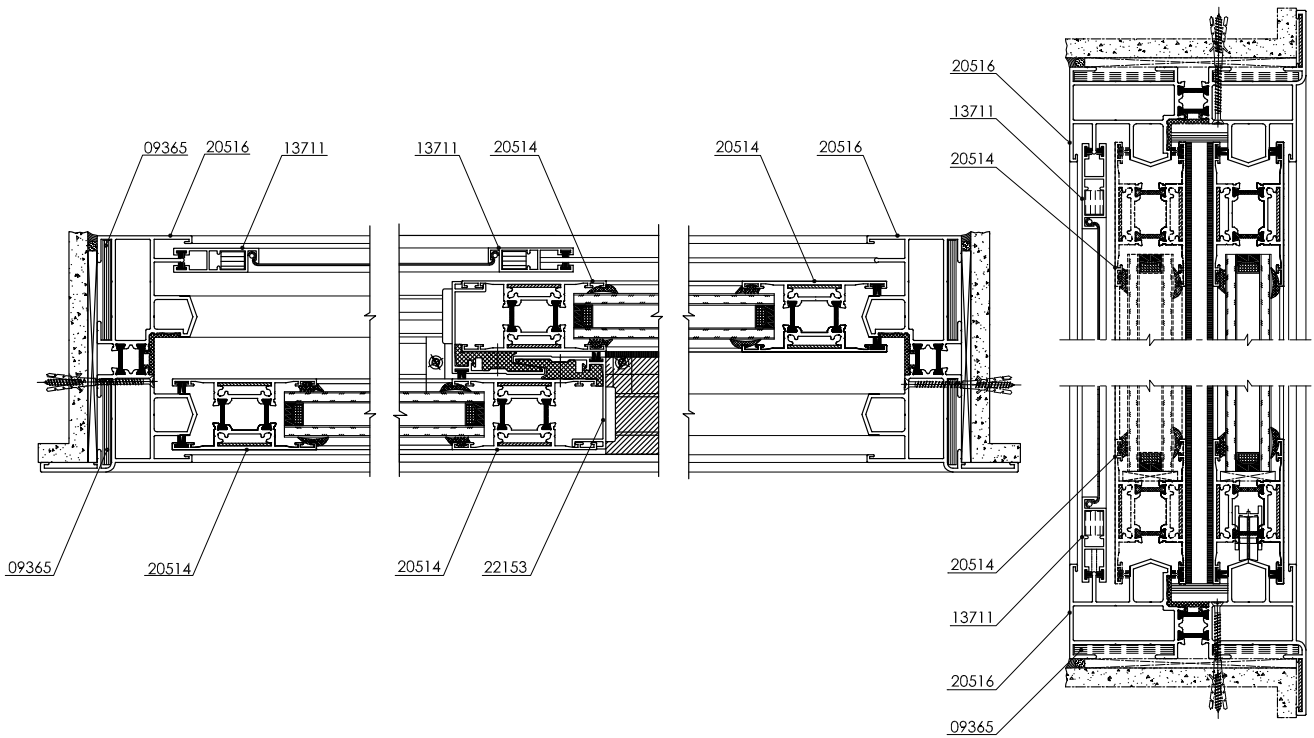
Frame Profiles



All dimensions in mm
Visible area_____

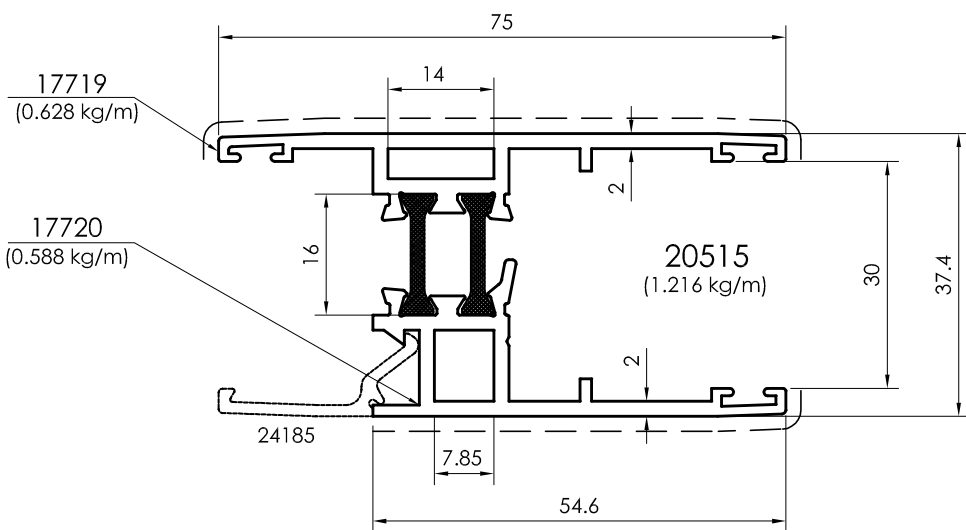
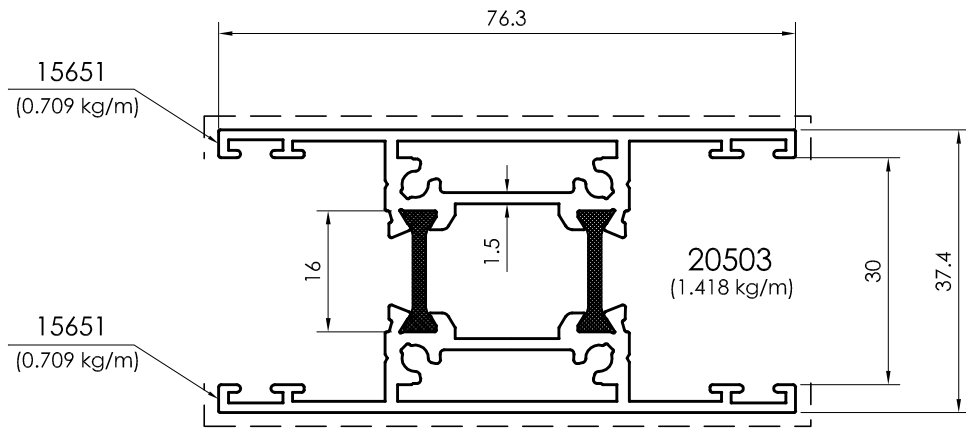
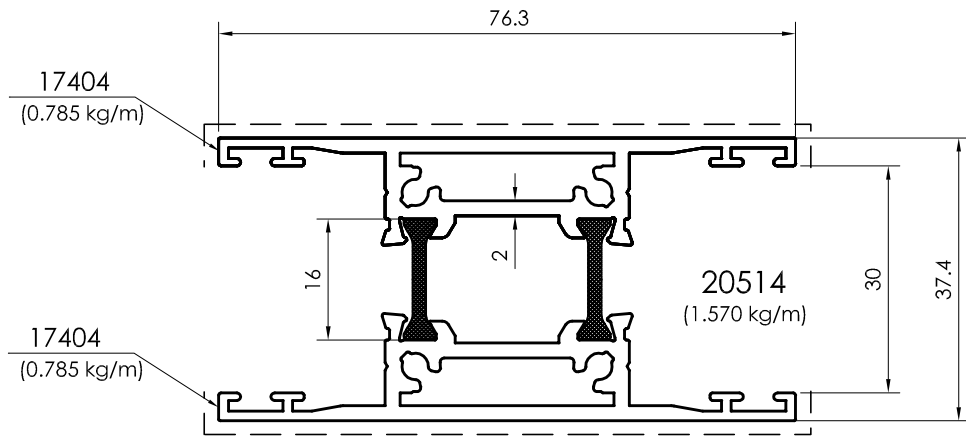
Frame Profiles

Flyscreen Outside



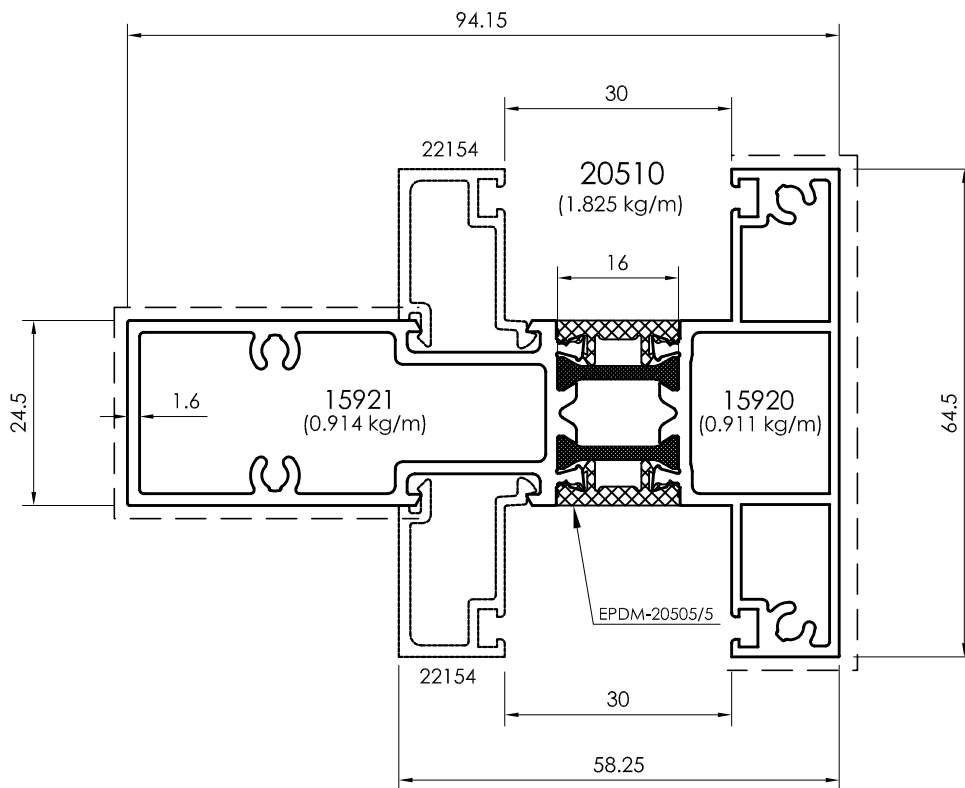
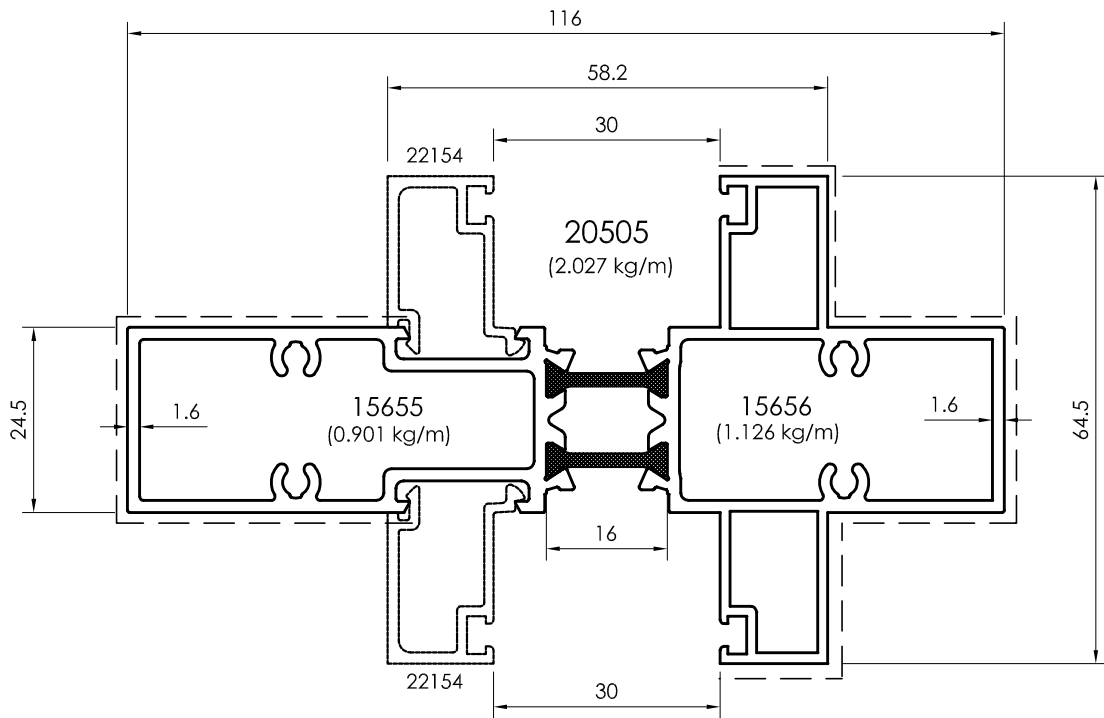
All dimensions in mm
 ----- Visible area

Sash Profiles



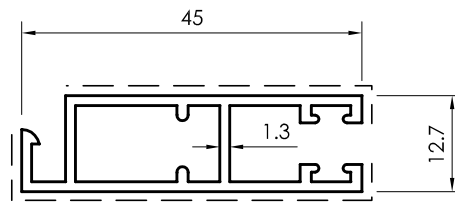
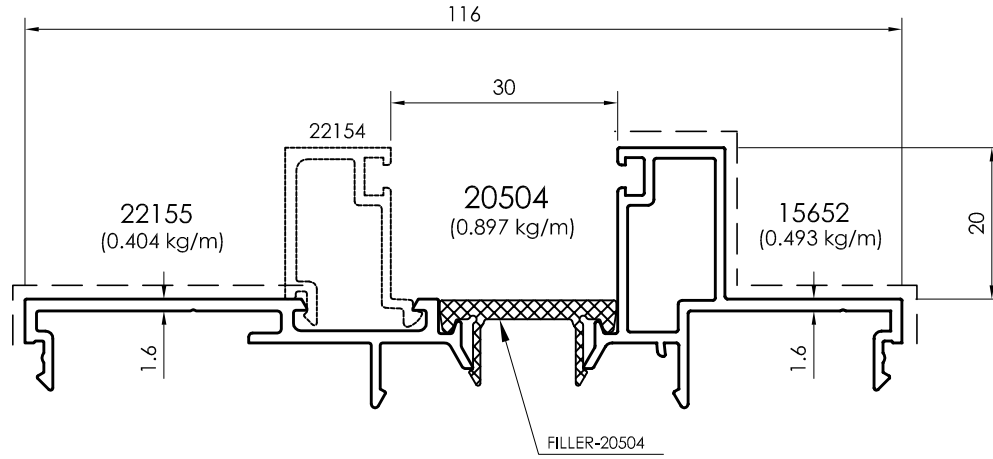
All dimensions in mm
Visible area_-----

Transom Profiles

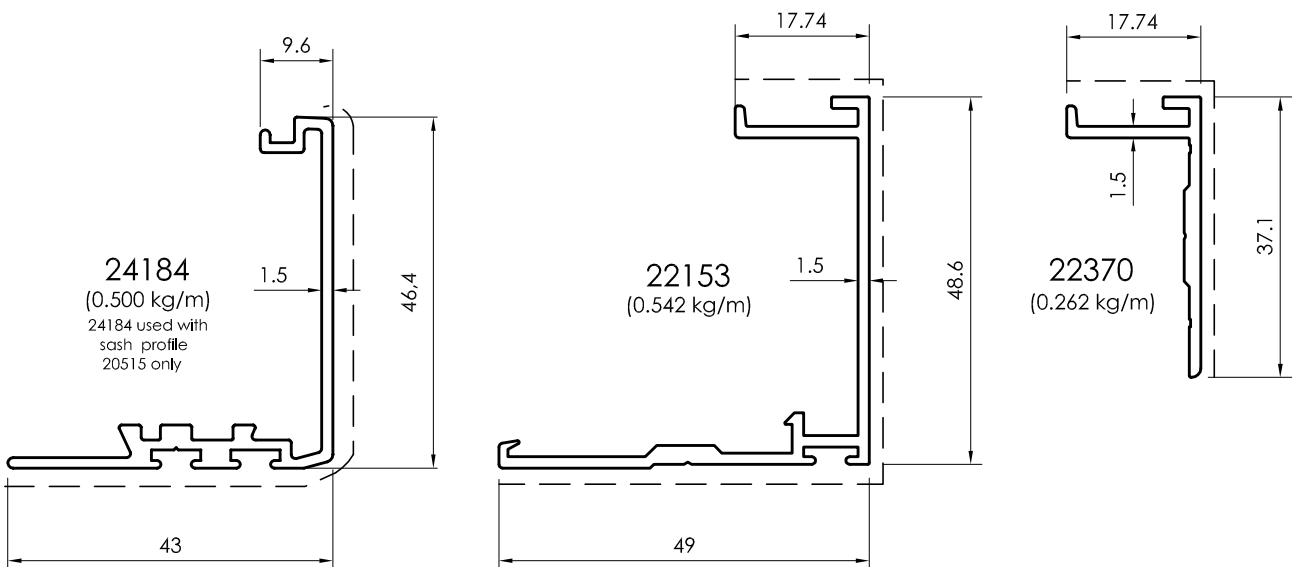


All dimensions in mm
 - - - - - Visible area

Interlock / Fix / Fly Screen Profiles

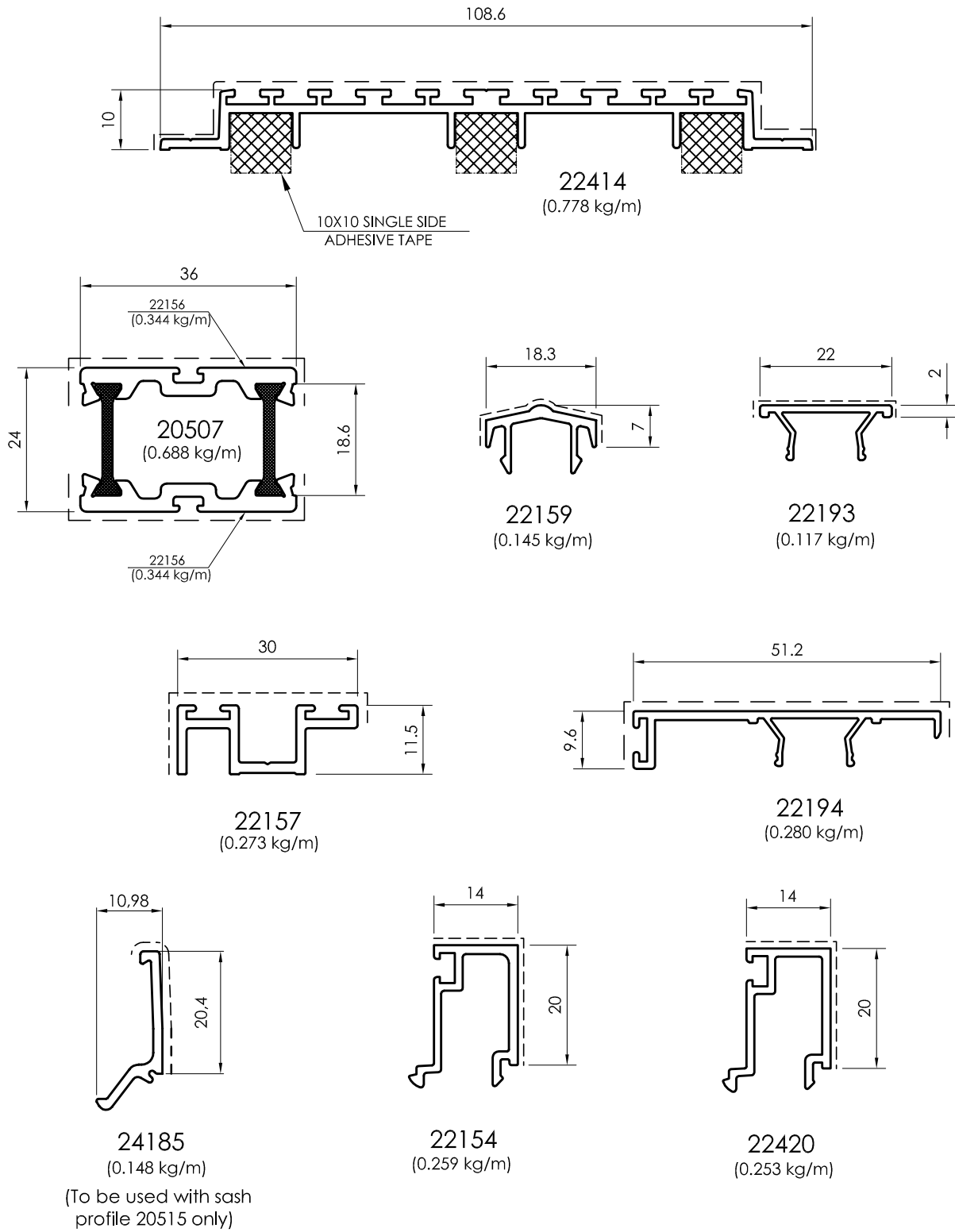


13711
(0.455 kg/m)



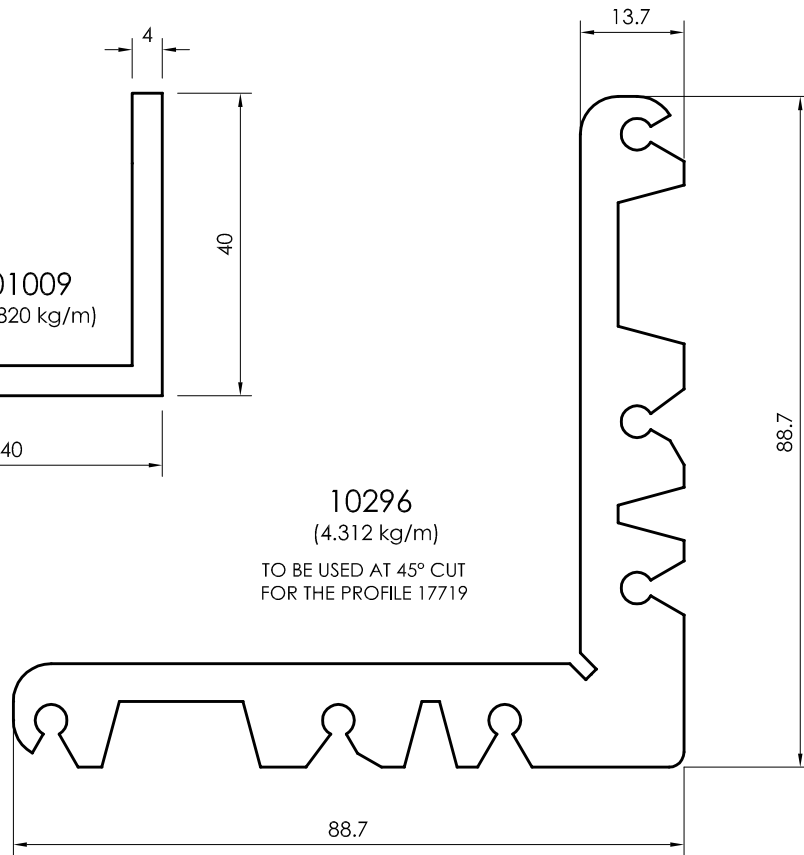
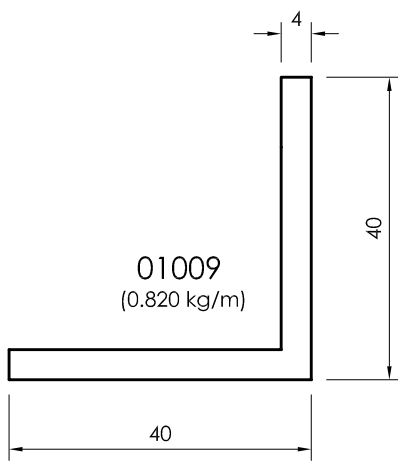
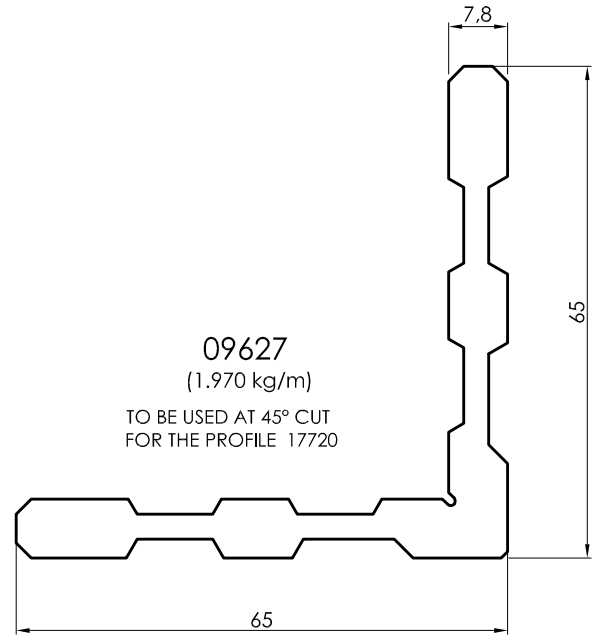
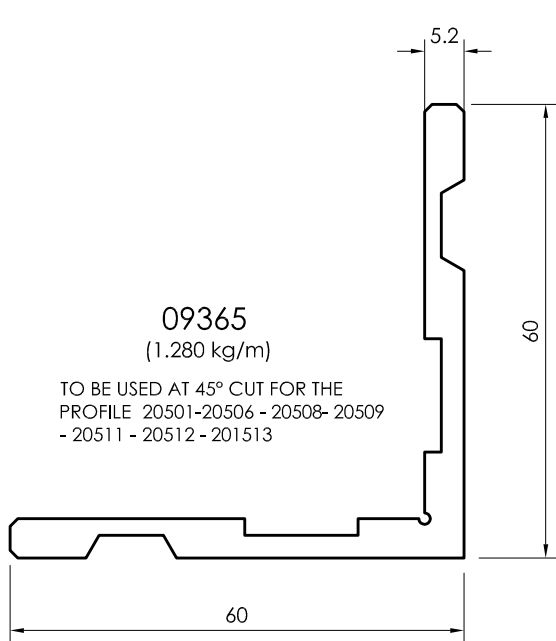
All dimensions in mm
Visible area_-----

Complementary Profiles



All dimensions in mm
----- Visible area

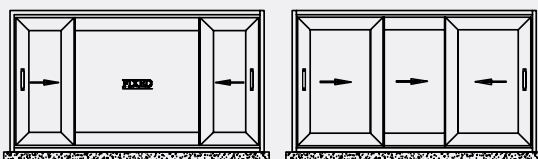
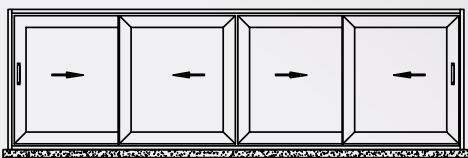
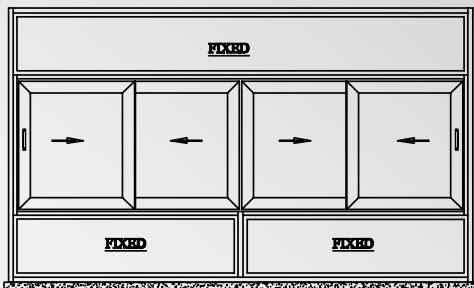
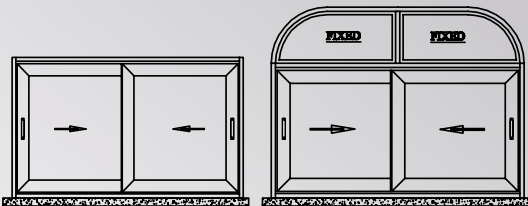
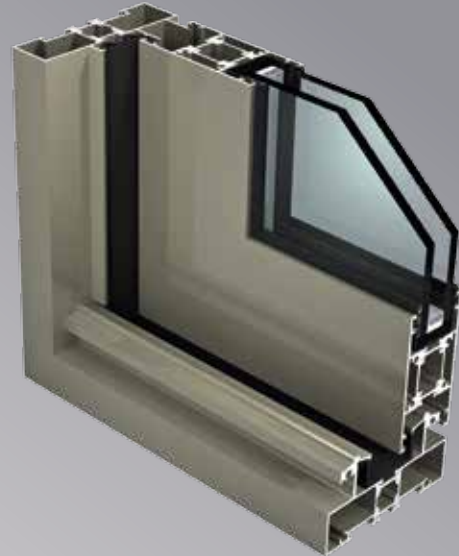
Corner Cleat Profiles



All dimensions in mm
Visible area_-----

THERMAL BREAK SLIDING-900

- Features Glass - 24mm
- Alloys - 6063 / 6060 / 6061 / 6082
- Frame: 90mm to 123.5mm
- Sash: 38mm
- Assembly of the frame cut 90° and of the sash cut 45°
- Fly screen can be used from inside & outside
- The System covers Arch shapes, two, three & four sash including profiles for top and bottom fixed lights.
- Thermal Strip: 16mm
- EPDM Gasket
- Finishes:
Powder Coates
Anodizing
According to Shades available in Gulf Extrusions



The 900 Thermal Break Sliding System is designed for heavy duty use (H-HC40) according to the American National Standard. The results have been impressive and apply to energy conservation, sound reduction, water & dust proofing. The 900 Thermal Break with 16mm polyamide insulation has the sought after properties of high thermal resistance, rigidity hardness and strength.

The importance of thermal conductivity in the aluminium frame becomes apparent when one considers that the frame accounts for an average of 25% of the total window surface.

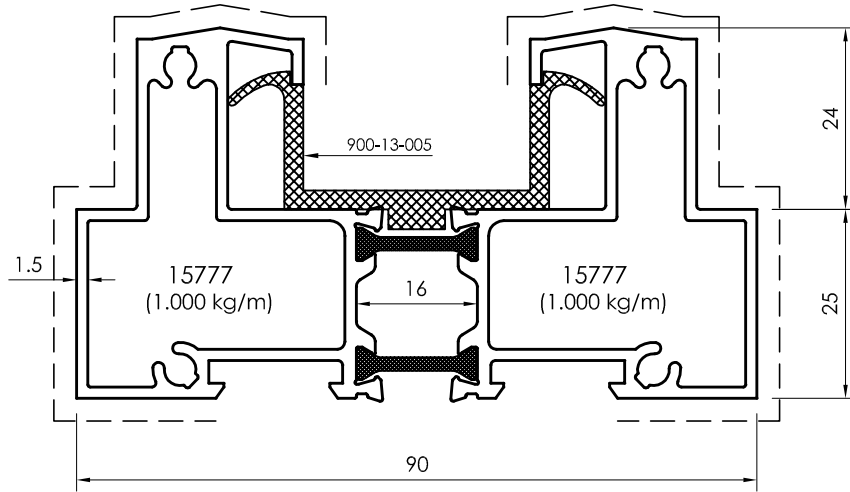
The System consists of a single frame and sash profile that will be used on all four sides, with snap on track-clips. The 16mm polyamide strips are introduced into the frame and sash profiles and then externally crimped using special tooling. The compressive test of the crimped profile is tested to ensure maximum strength.

The System covers two, three and four sashes including profiles for top and bottom fixed lights. Special lids have been designed to cover the frame tracks at the area where the sliding shutter is fixed.

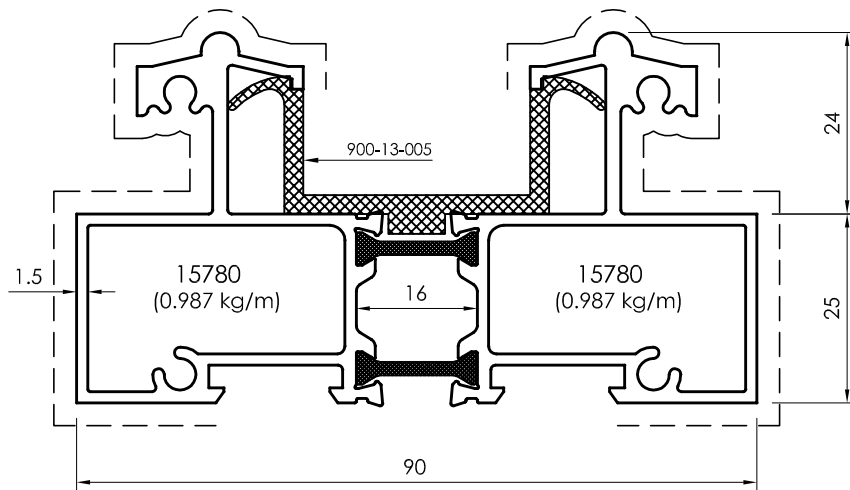
In order to meet the needs of today's architects, window and door systems must be provided in a variety of colours. This system has the special advantage of permitting subsequent application of all presently known surfaces suitable for use with aluminium either before or after the thermal break strips have been assembled.

For better performance of the system, alignment cleats for the frame and shutter are used. Durable weather sealing mastic is a must at all joints. Specially designed EPDM gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as roller & flush handles come as part of the system.

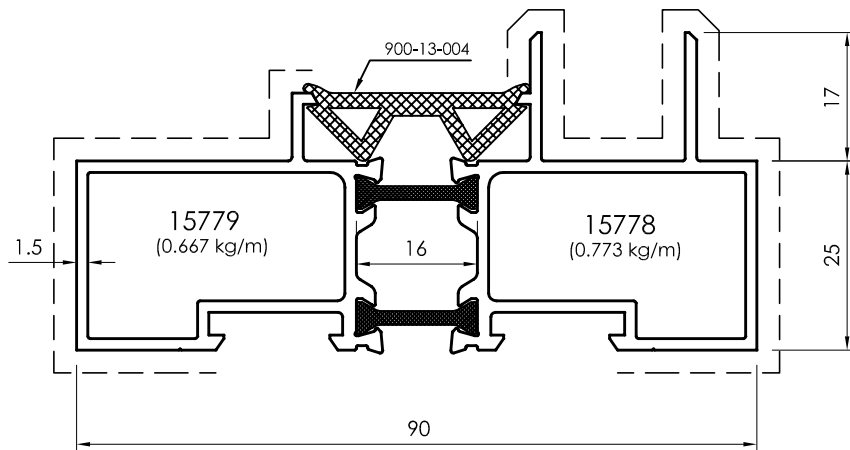
Frame Profiles



20100
 (2.000 kg/m)
 WINDOW TOP FRAME
 (WITHOUT FLYSCREEN)



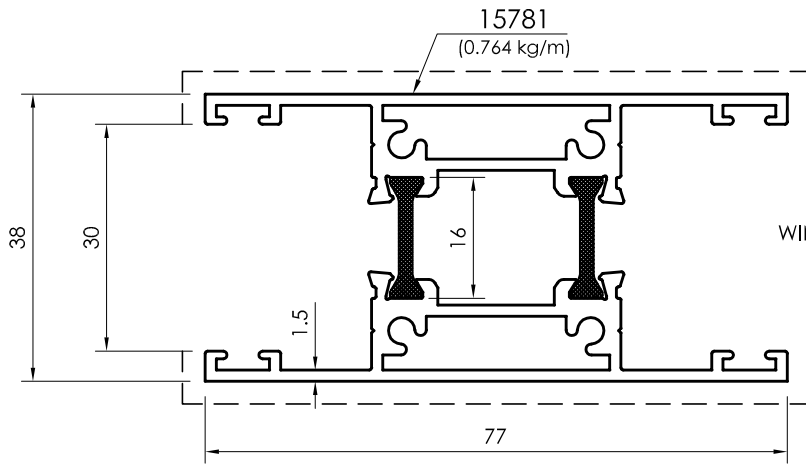
20101
 (1.974 kg/m)
 WINDOW BOTTOM FRAME
 (WITHOUT FLYSCREEN)



20102
 (1.440 kg/m)
 WINDOW SIDE FRAME
 (WITHOUT FLYSCREEN)

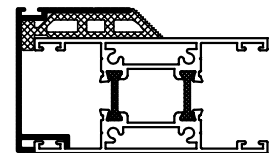
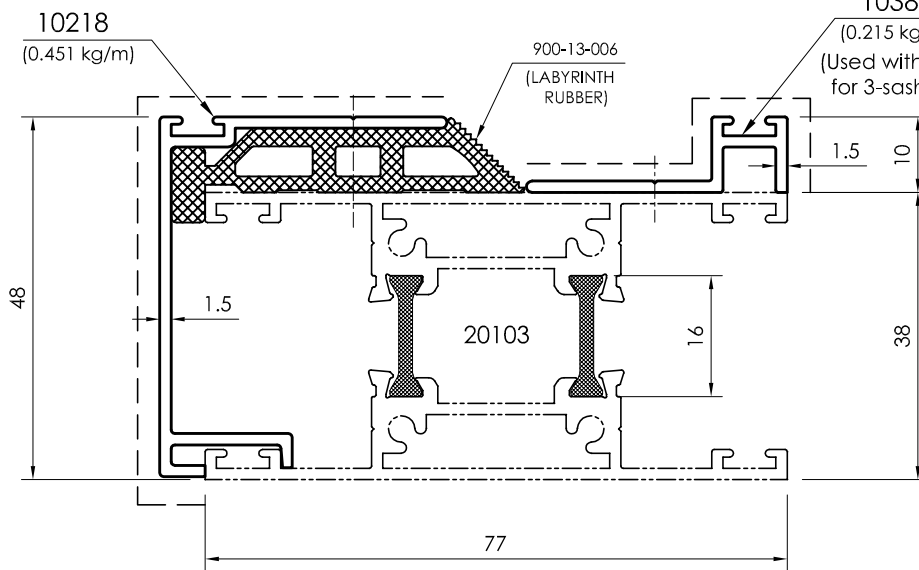
All dimensions in mm
 Visible area_____

Sash Profiles

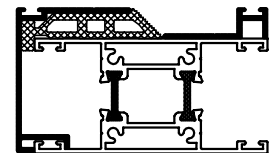


20103
(1.528 kg/m)

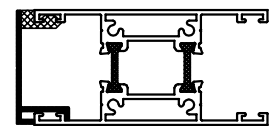
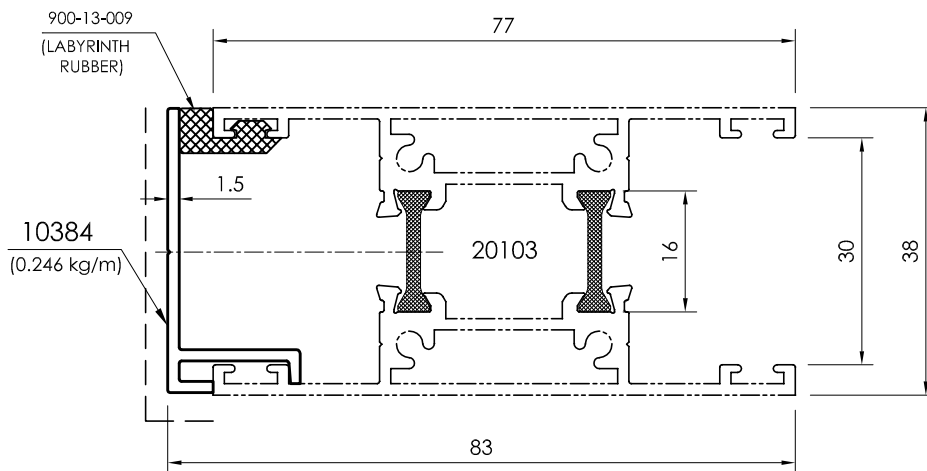
WINDOW / DOOR SASH PROFILE
(Suitable for 22 - 24mm
Thick Insulated Glass)



900-IL-001
(1.979 kg/m)



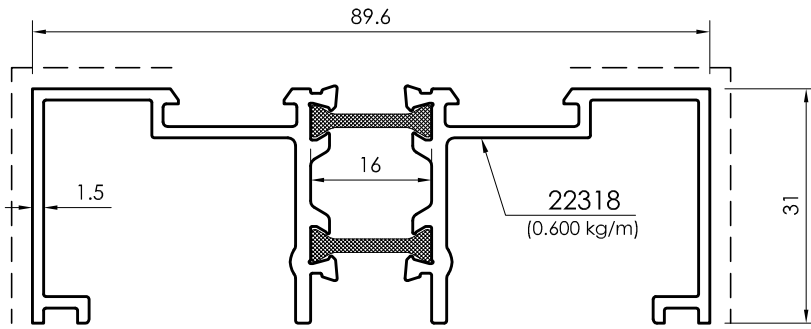
900-IL-002
(2.194 kg/m)



900-IL-003
(1.774 kg/m)

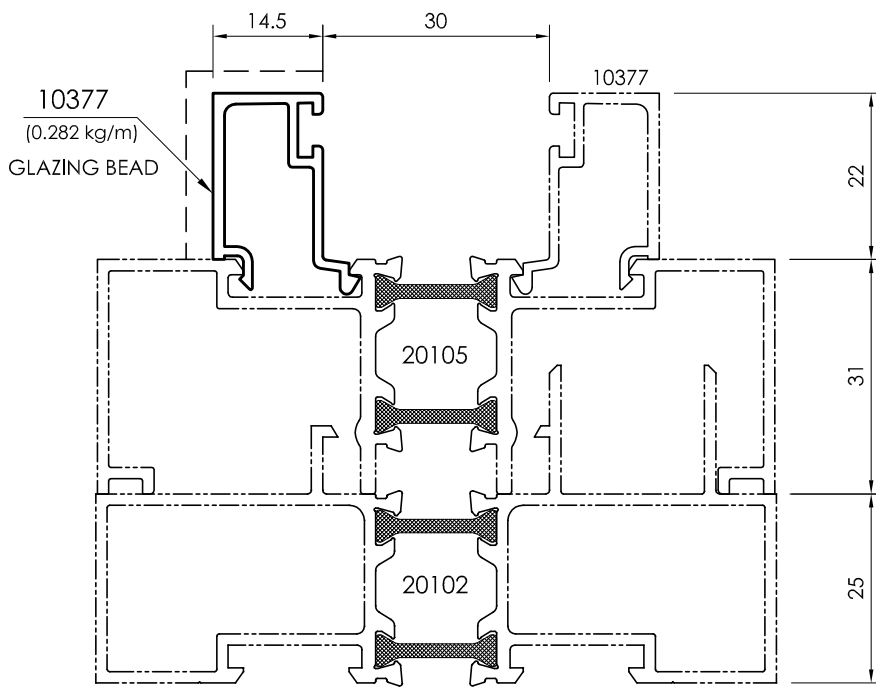
All dimensions in mm
----- Visible area

Complementary Profiles

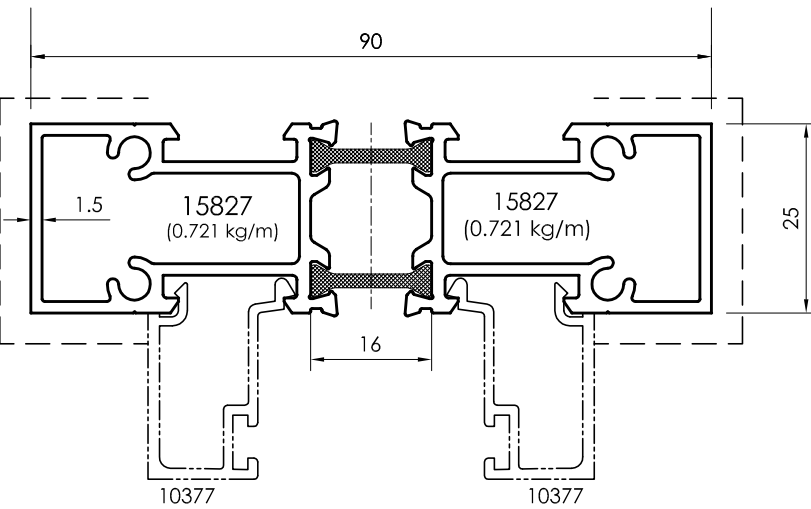


20105
(1.200 kg/m)

FIX ADAPTOR
(Used when the side frame
namely 20102 & the top fixed
are in one continuous line)



10377
(0.282 kg/m)
GLAZING BEAD

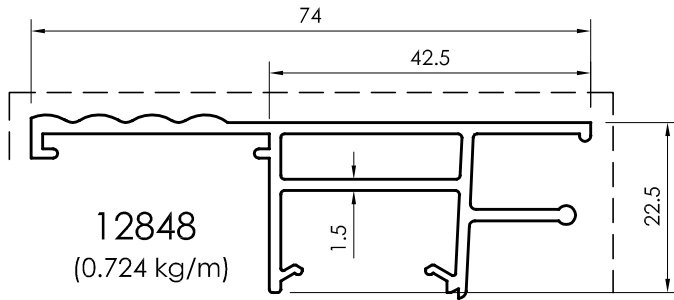


20104
(1.442 kg/m)

T - PROFILE
(Also used when the top &
side fix light is required)

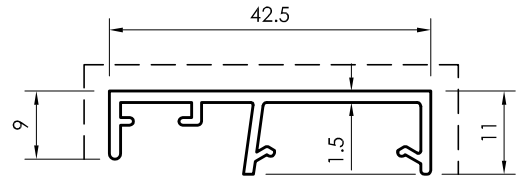
All dimensions in mm
Visible area_____

Complementary Profiles



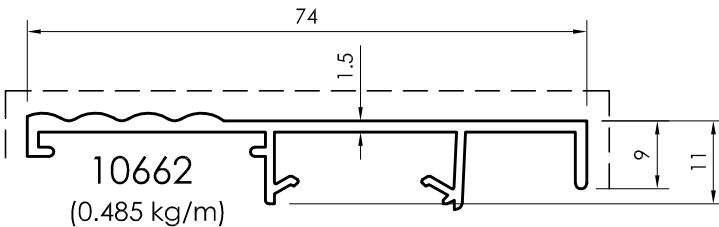
12848
(0.724 kg/m)

(Architrave profile with inside flyscreen
- To be clipped on to profile 09128 , after screwing 09128 on to frame profiles.)



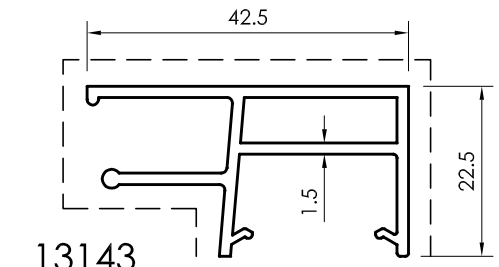
10299
(0.304 kg/m)

FRAME END CLOSURE
(To cover the sash portion at the top,bottom& side from view. To be clipped on to profile 09128, after screwing 09128 on to frame profiles.)



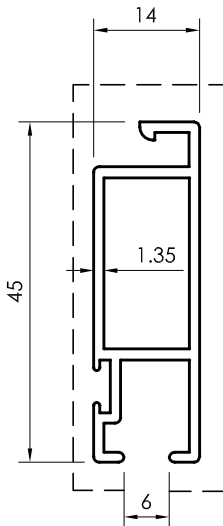
10662
(0.485 kg/m)

(Architrave profile without flyscreen
- To be clipped on to profile 09128 , after screwing 09128 on to frame profiles.)



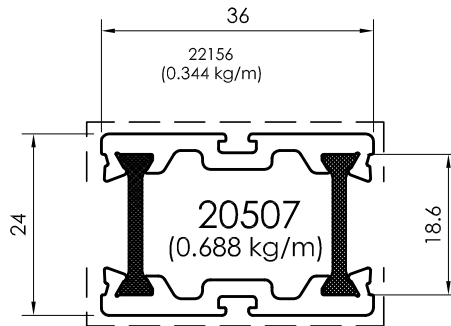
13143
(0.517 kg/m)

FRAME END CLOSURE with outside Flyscreen
(To cover the sash portion at the top,bottom& side from view. To be clipped on to profile 09128, after screwing 09128 on to frame profiles.)



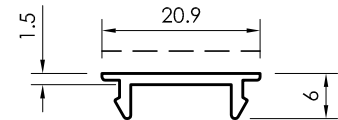
12745
(0.457 kg/m)

FLYSCREEN PROFILE
(with side brush provision)



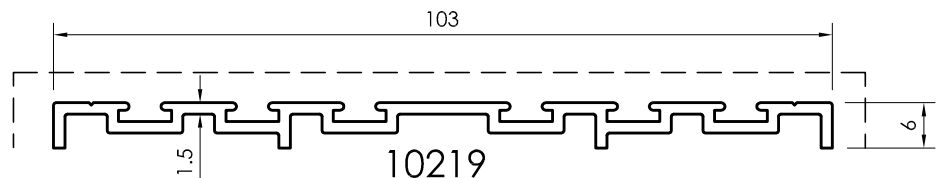
20507
(0.688 kg/m)

CONNECTOR
(To snap with sash 20103 when there are 4- sash)



09128
(0.122 kg/m)

CLIP PROFILE
(To be screwed on to the frame profiles in length of 100mm to accommodate profiles 12848 / 10299 / 10662 & 13143)



10219
(0.633 kg/m)

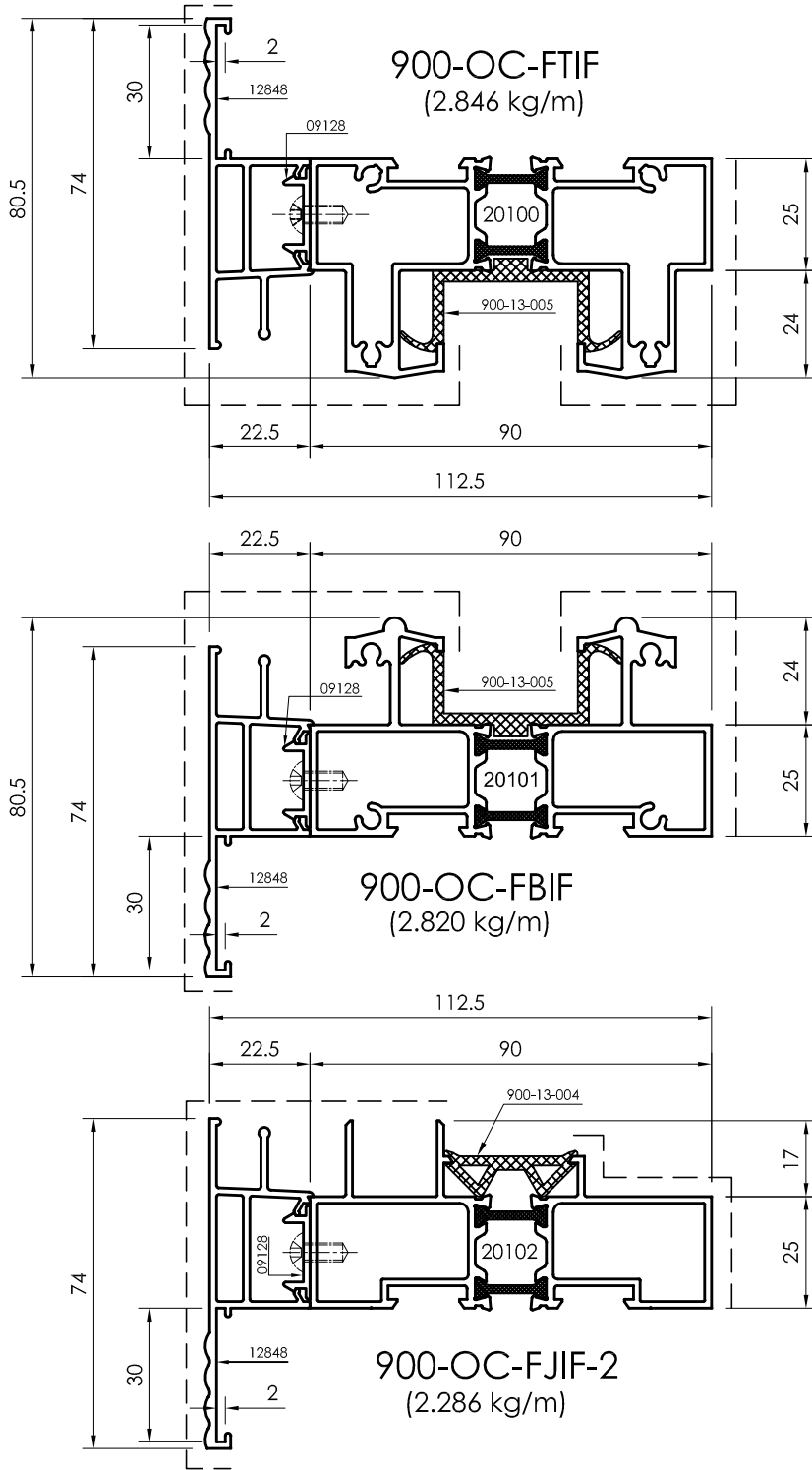
DUST PROOF PROFILE

(To be fixed at the top & bottom area of the frame profiles,where the two interlock profiles meet. Cut in 30mm length - use 9.5mm & 6.5mm high brushes where grooves are provided)

All dimensions in mm
----- Visible area

Frame Profiles

with Inside flyscreen without frame enclosure



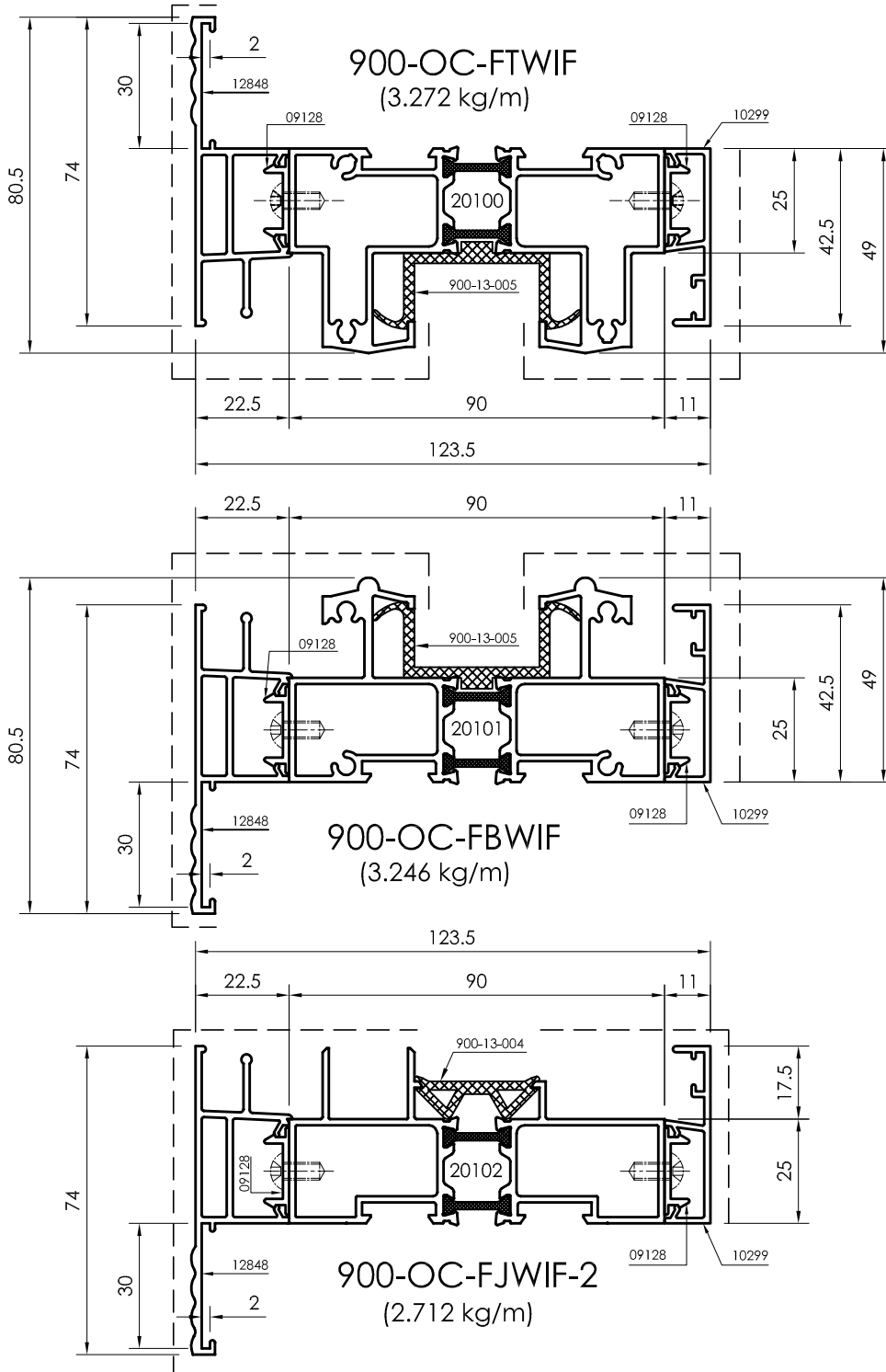
900-OC-FTIF (Profiles)	
Shape	Section No.
	20100
	12848
	09128

900-OC-FBIF (Profiles)	
Shape	Section No.
	20101
	12848
	09128

900-OC-FJIF-1 (Profiles)	
900-OC-FJIF-2 (Profiles)	
Shape	Section No.
	20102
	12848
	09128

All dimensions in mm
Visible area_____

Frame Profiles
with Inside flyscreen



900-OC-FTWIF
(Profiles)

Shape	Section No.
	20100
	12848
	09128
	10299

900-OC-FBWIF
(Profiles)

Shape	Section No.
	20101
	12848
	09128
	10299

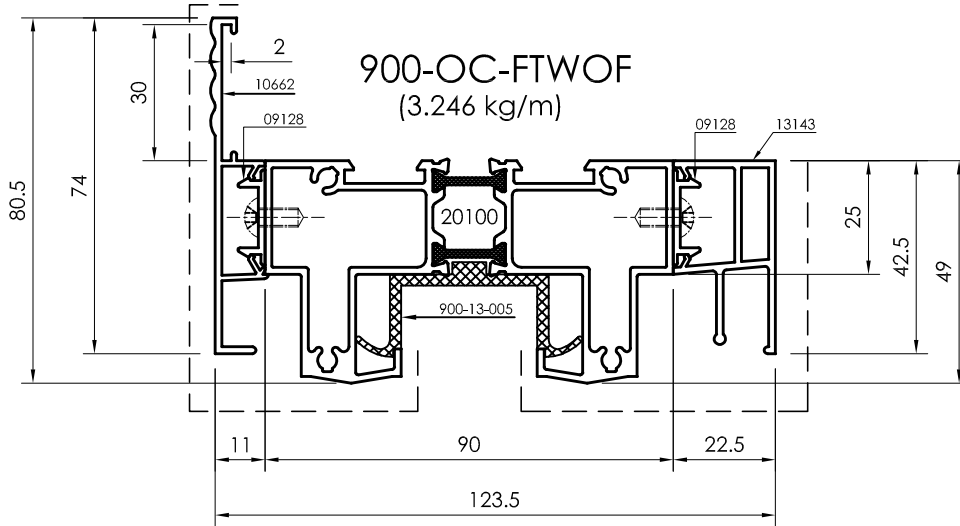
900-OC-FJWIF-1
(Profiles)

900-OC-FJWIF-2
(Profiles)

Shape	Section No.
	20102
	12848
	09128
	10299

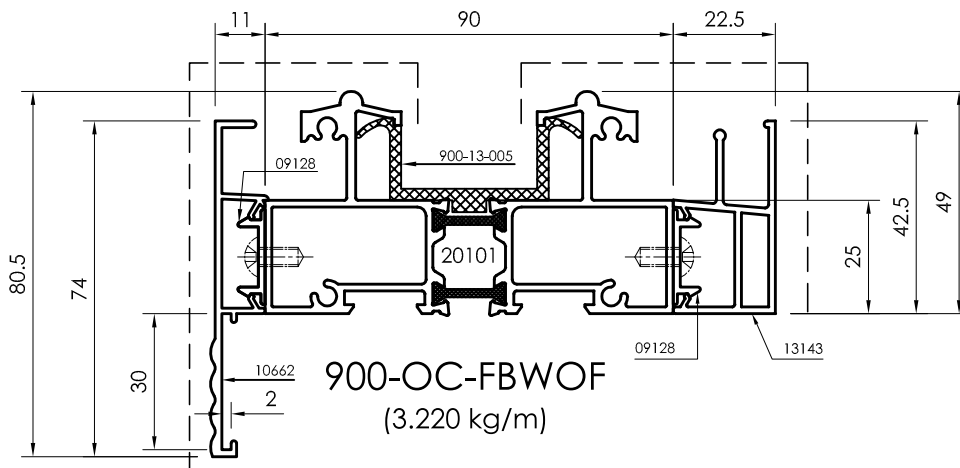
All dimensions in mm
----- Visible area

Frame Profiles
with Outside flyscreen



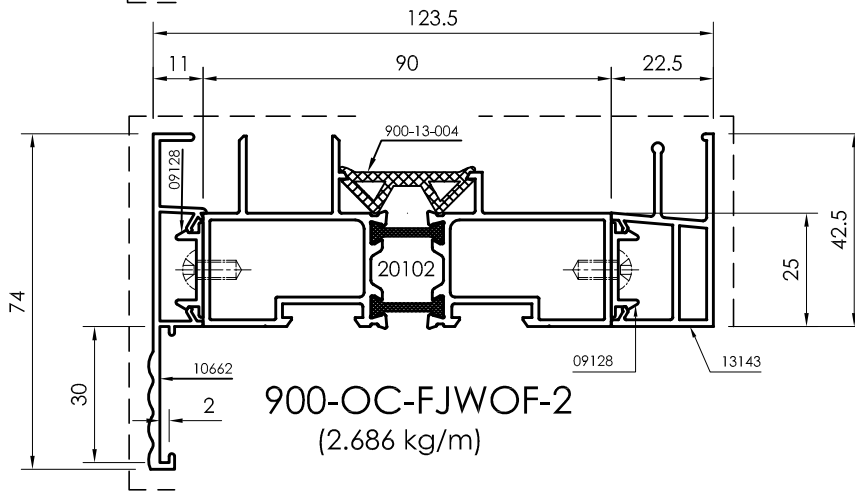
900-OC-FTWOF
(3.246 kg/m)

900-OC-FTWOF (Profiles)	
Shape	Section No.
	20100
	10662
	09128
	13143



900-OC-FBWOFF
(3.220 kg/m)

900-OC-FBWOFF (Profiles)	
Shape	Section No.
	20101
	10662
	09128
	13143



900-OC-FJWOFF-2
(2.686 kg/m)

900-OC-FJWOFF-1 (Profiles)	
900-OC-FJWOFF-2 (Profiles)	
Shape	Section No.
	20102
	10662
	09128
	13143

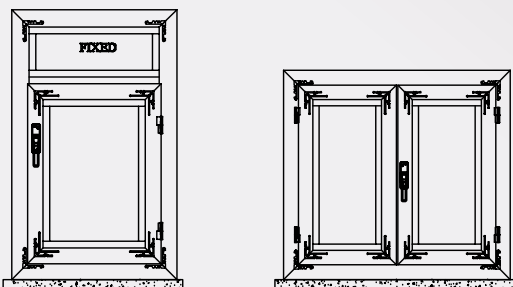
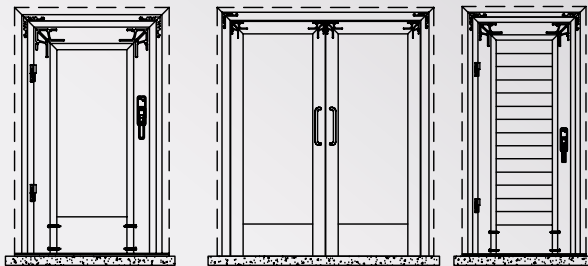
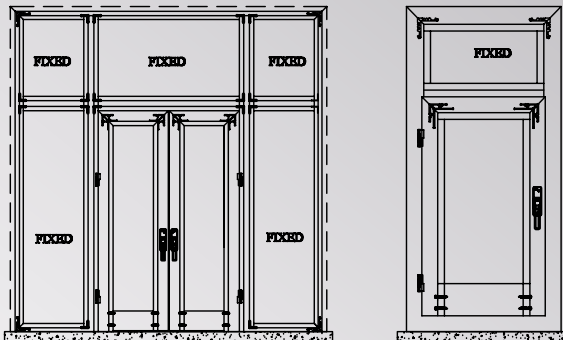
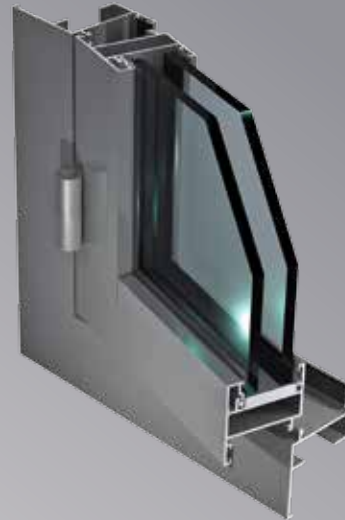
All dimensions in mm
Visible area_____



COLD HINGED SERIES

HINGED 42mm

- Features Glass - 6mm to 24mm
- Alloys - 6063 / 6060/ 6061 / 6082
- Frame 42mm to 180mm
- Sash: 42mm
- The System can be inward and outward opening
- The System can be used for Door and Window
- The System covers Arch shape, Louvers & Swing Door
- Assembly of the Frame & Sash cut 45°
- EPDM Gaskets
- Finishes:
Powder Coates
Anodizing
According to Shades available in Gulf Extrusions



The 42 mm Gulf Ex. Hinged Series is a design concept to combine esthetics and performance. Full solution package is supported to fulfill the requirement to cover the needed applications. It is designed for heavy duty use according to the American National Standard. The results has been impressive. All profiles are available in all colors in order to meet today's modern architectural requirements. For better performance of the System, Alignment cleats for the frame and the shutter are used.

Specially designed EPDM Gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as rollers and handles come as part of the system.

Sections:

The sections in Gulf Extrusions line are produced by extruding aluminum on a wide range of presses starting with 800 tons to 4400 tons press. They are made of aluminum alloys 6060,6063,6082 and 6005 according to British Standard Specification for extrusion Dimensions Tolerances BS EN 755-9:2008 and BS EN 12020-2:2008.

Frame:

Strong cross section profiles of 42mm, a wide range of frames are available to suit most of the required application in the building codes.

Sash:

Tubular straight, elegant and stylish of 42mm width. A wide range is available to cover all the needed applications and glass thicknesses.

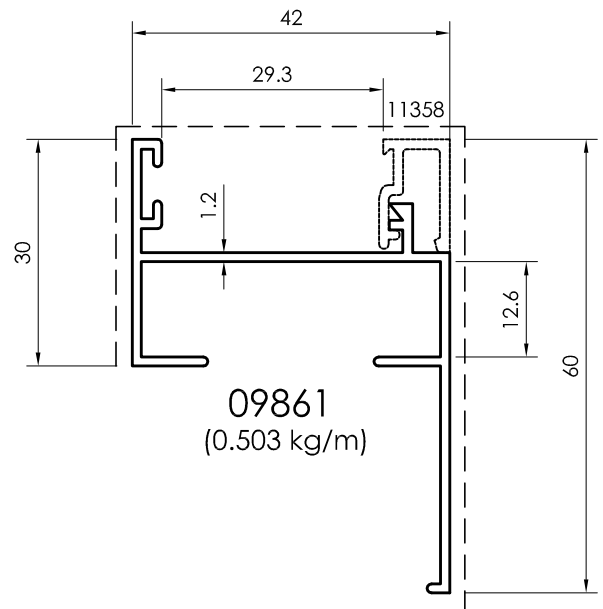
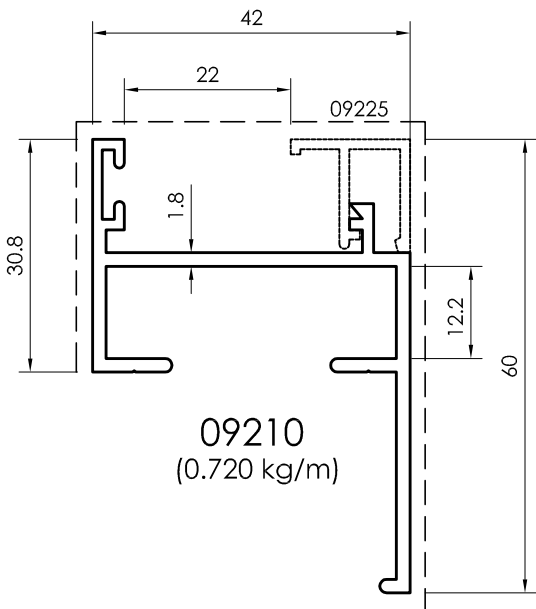
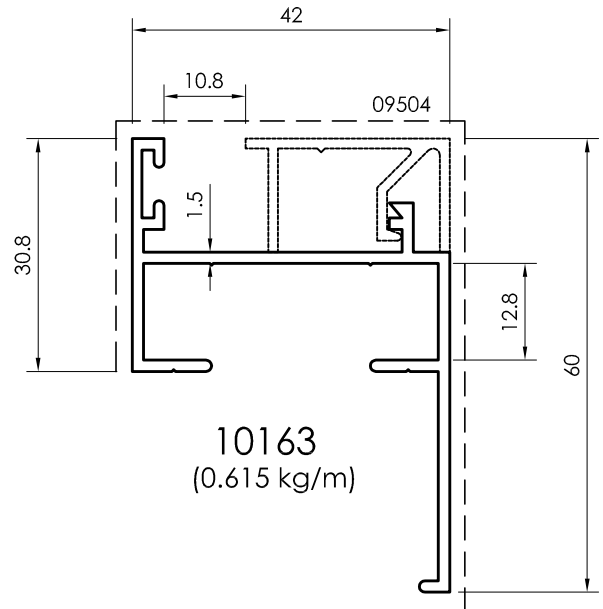
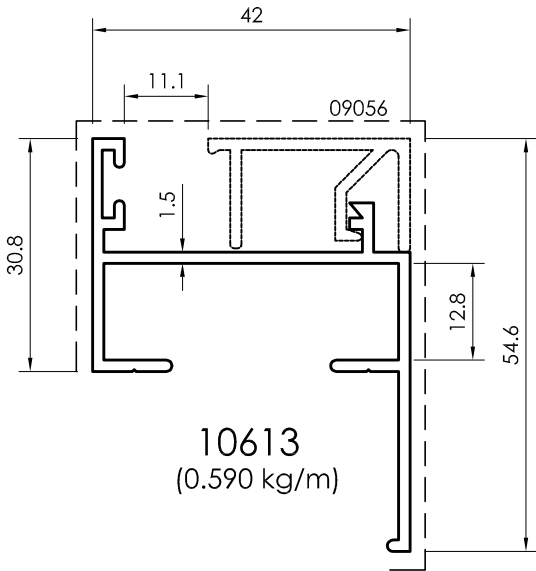
Assembly:

Assembly of the frames is done by 45° cut same as the sashes at a custom 45° cut. All of the mounting components are made of aluminum.

Glazing:

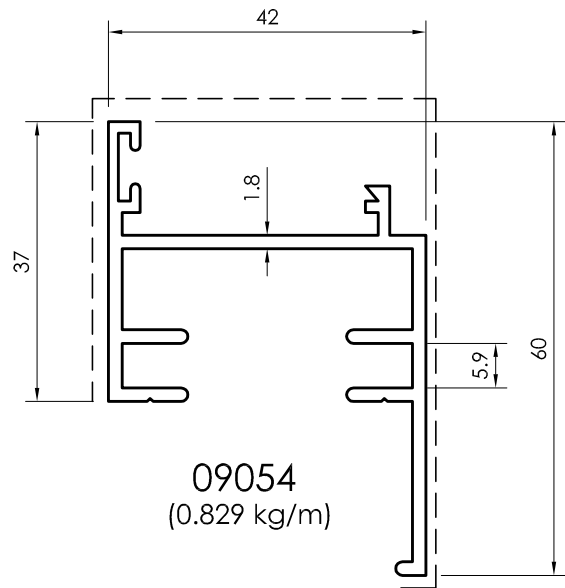
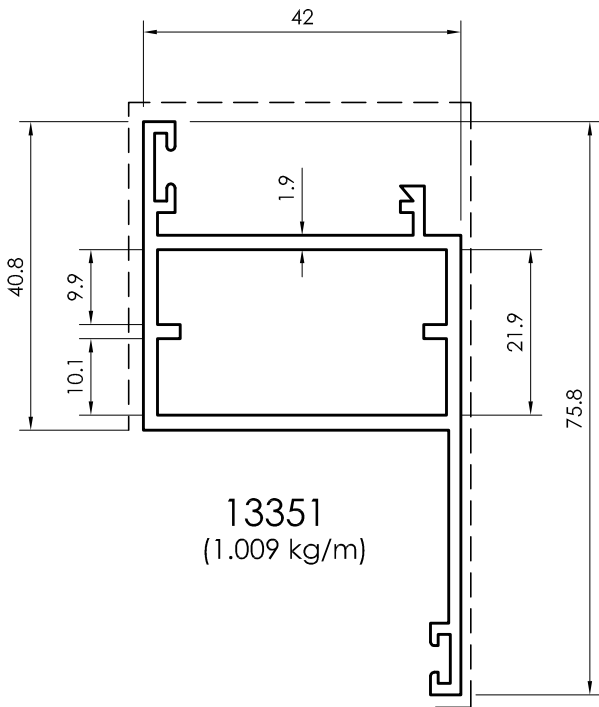
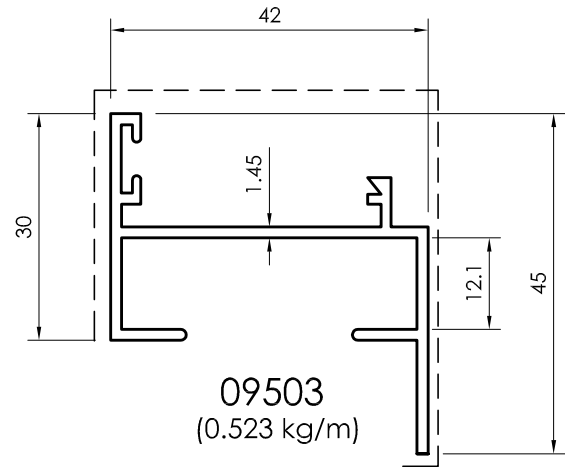
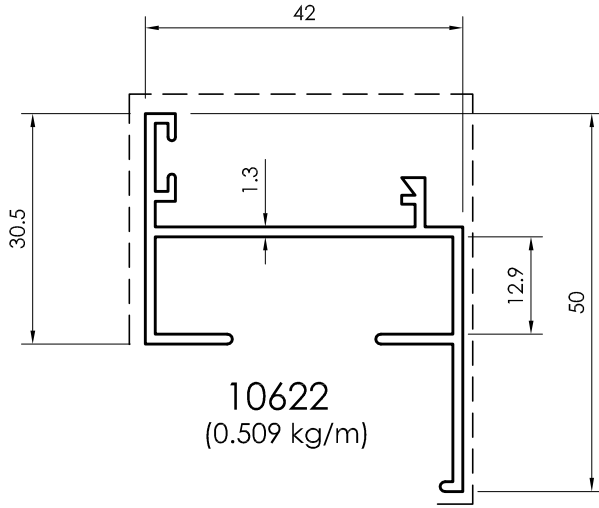
Standard or isolating ranges from "6 to 24"mm maintained by two EPDM joint and bead clipped at a minimum height of 15 mm. Bead must be on the side of the installation. The System consists of a different frame and different sash profile that will be used on the four sides, where this system provides the options for inward and outward opening. The System covers arch shape, louvers and swing doors

Frame Profiles



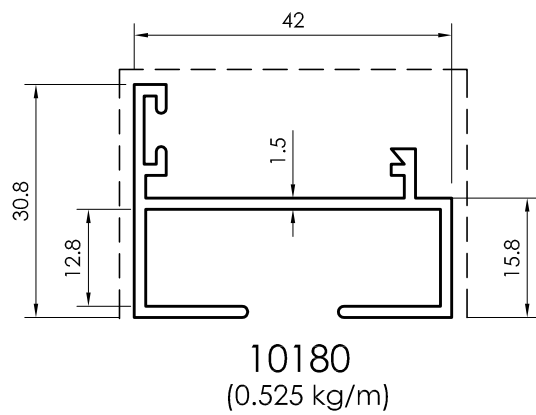
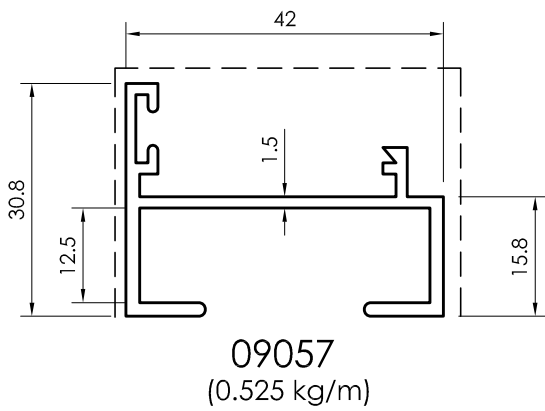
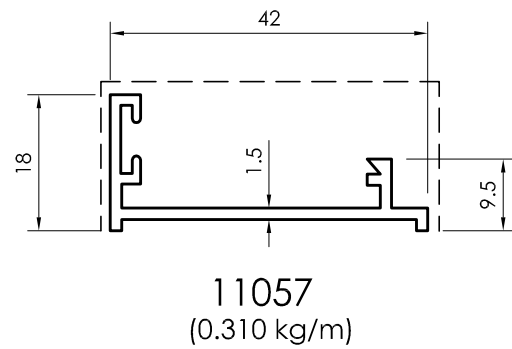
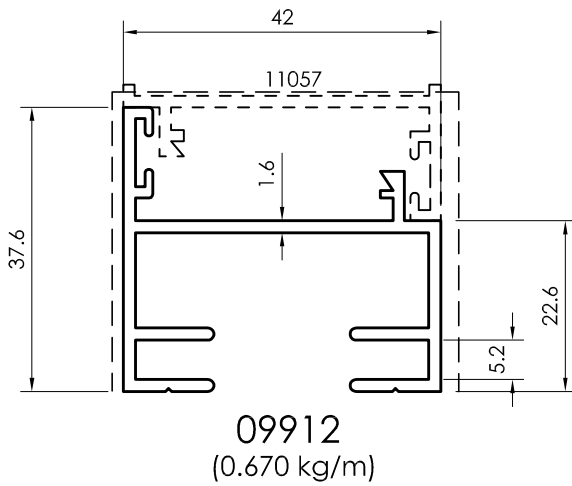
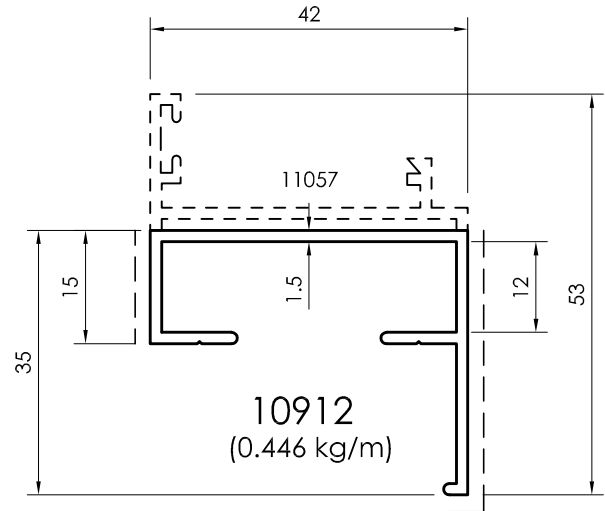
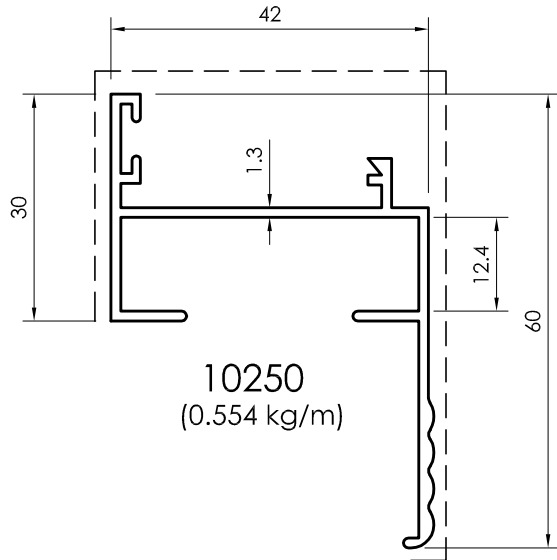
All dimensions in mm
 ----- Visible area

Frame Profiles



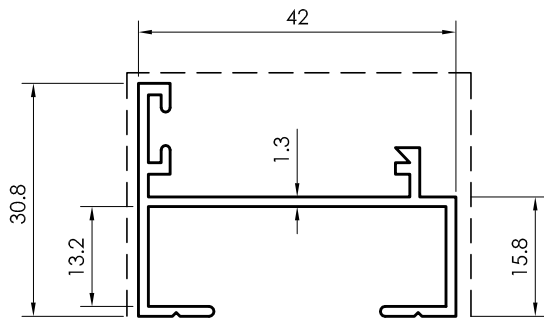
All dimensions in mm
Visible area_-----

Frame Profiles

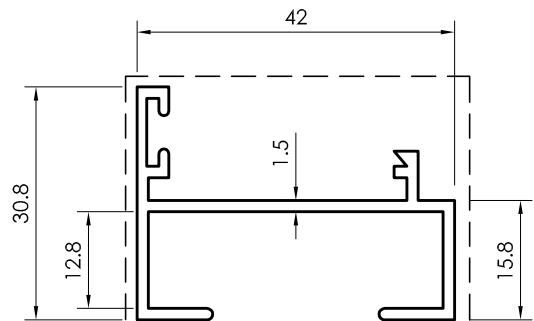


All dimensions in mm
----- Visible area

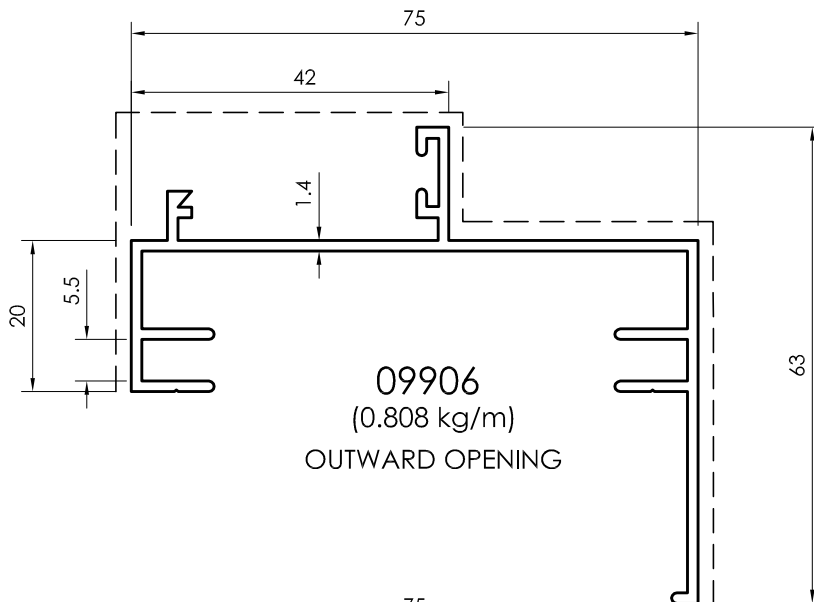
Frame Profiles



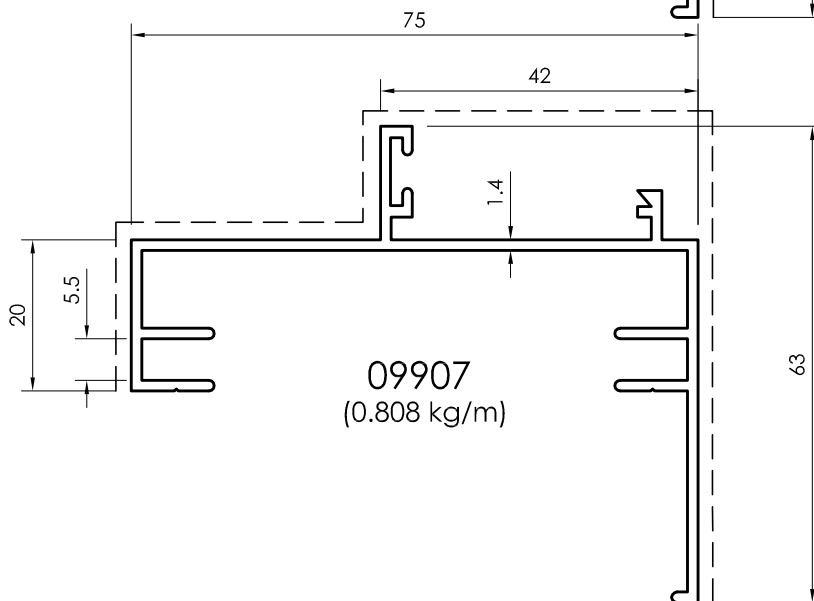
21408
(0.432 kg/m)



10230
(0.485 kg/m)



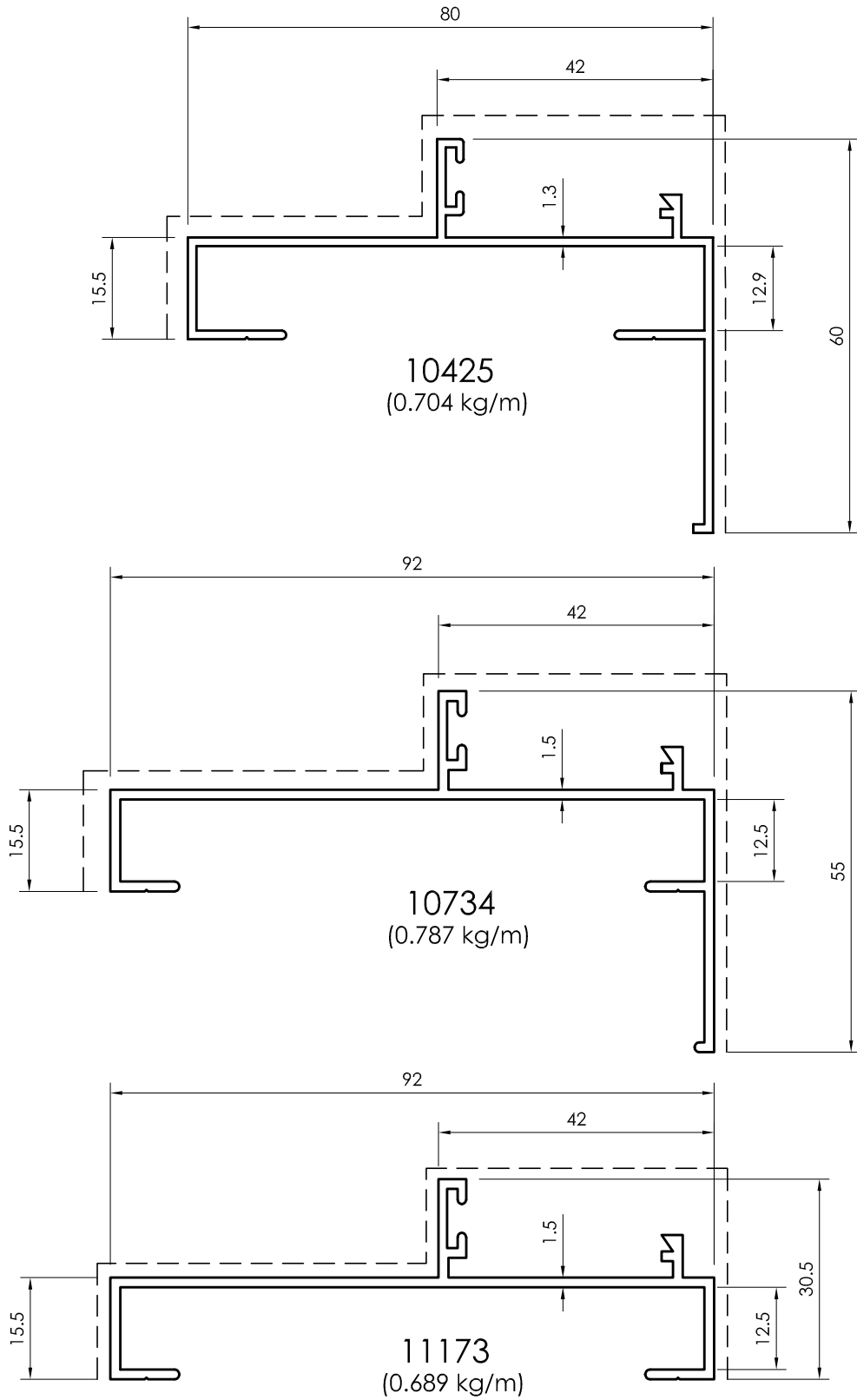
09906
(0.808 kg/m)
OUTWARD OPENING



09907
(0.808 kg/m)

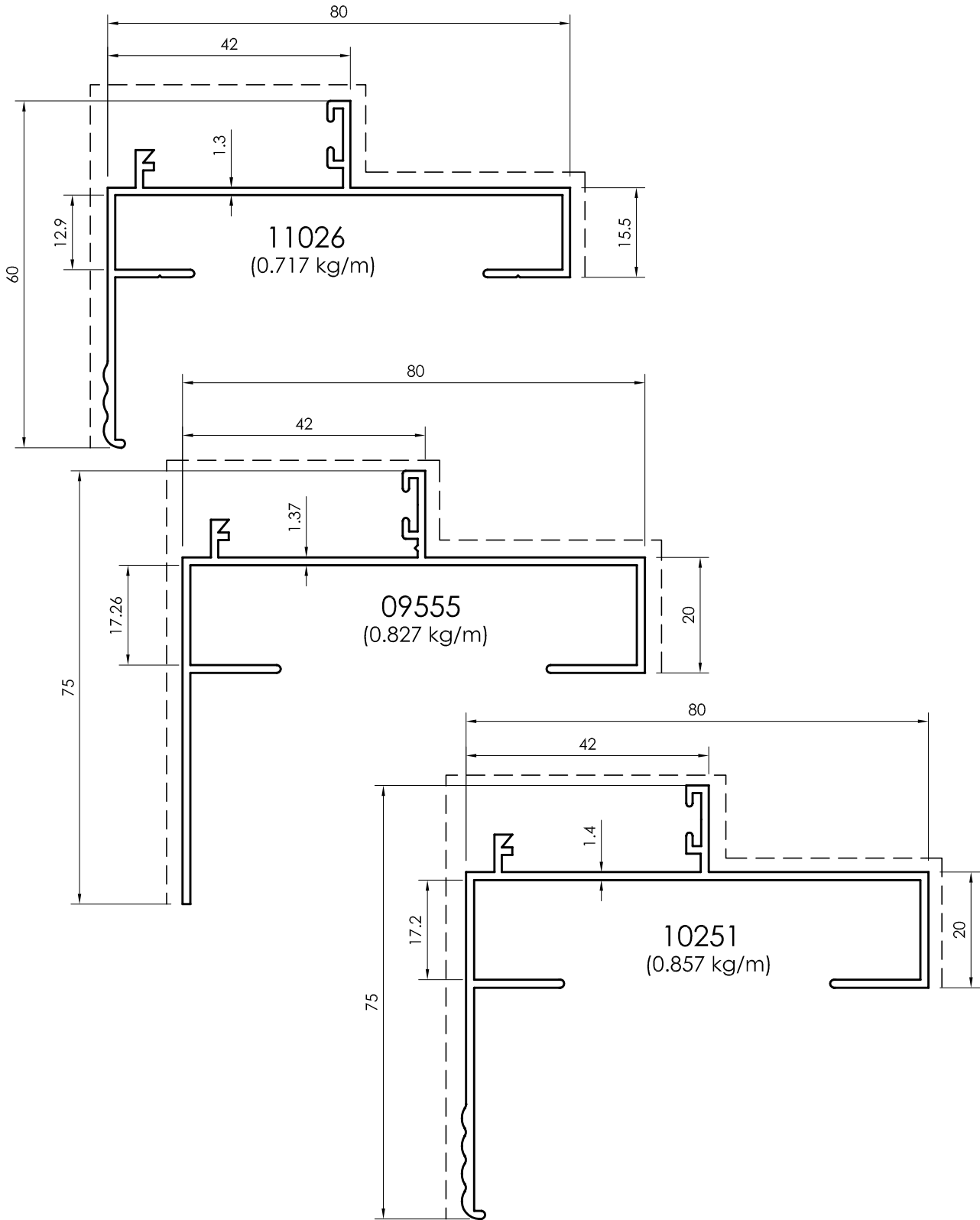
All dimensions in mm
Visible area_-----

Frame Profiles



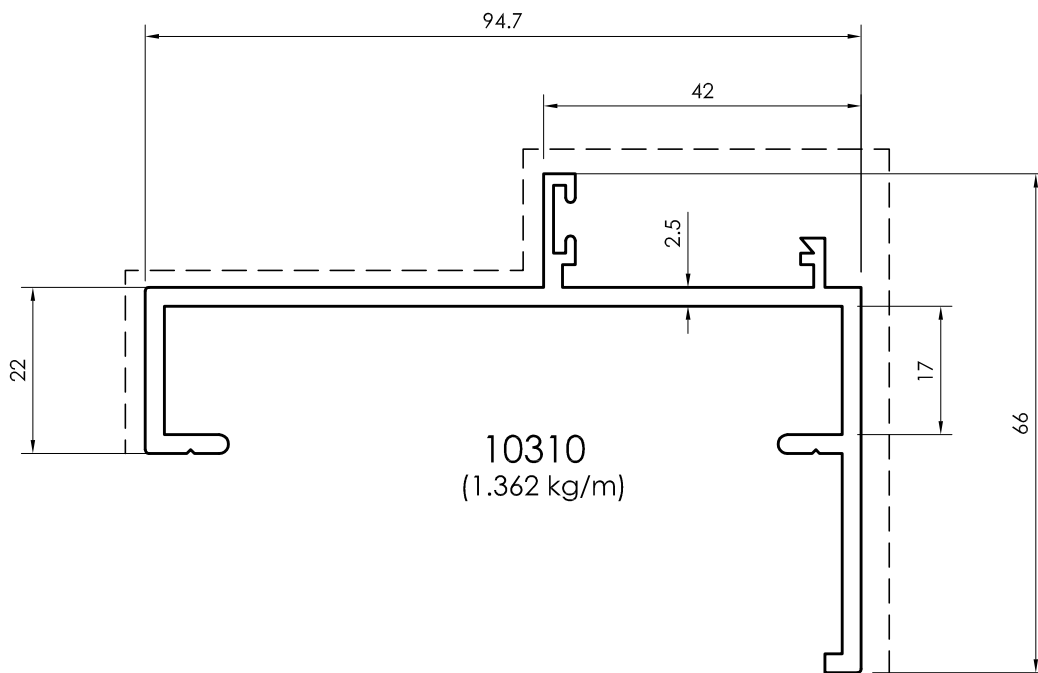
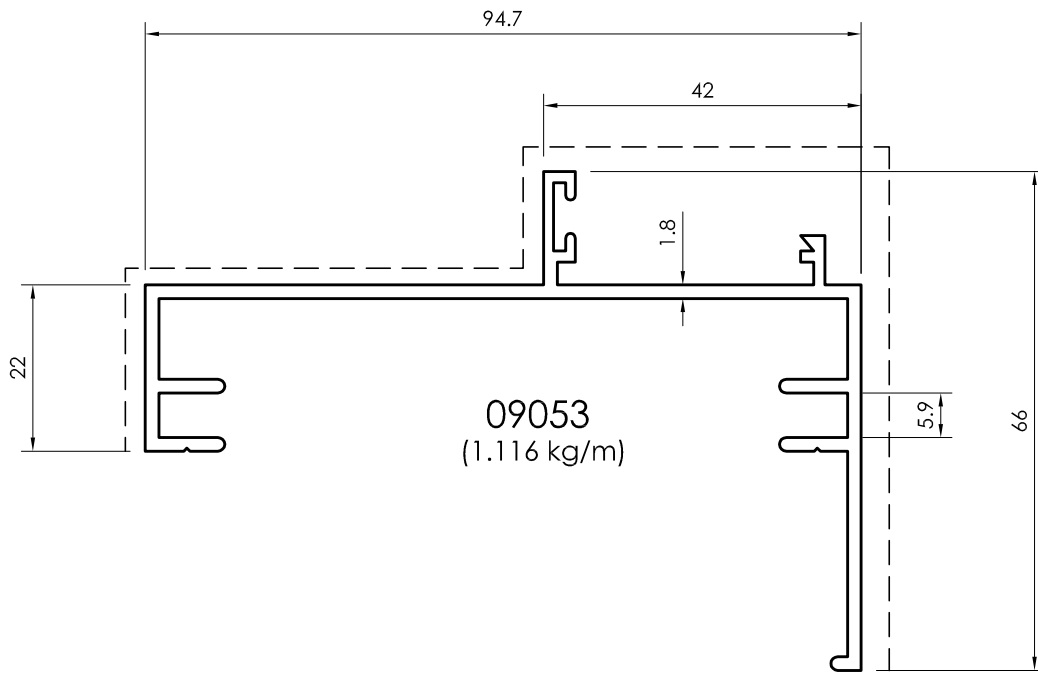
All dimensions in mm
 ----- Visible area

Frame Profiles



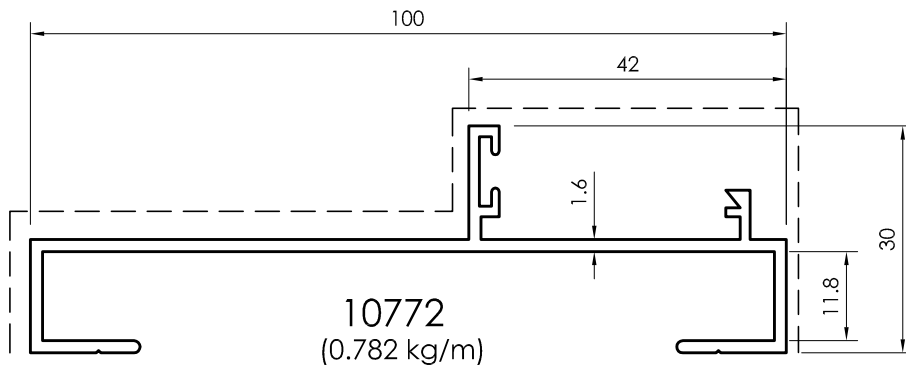
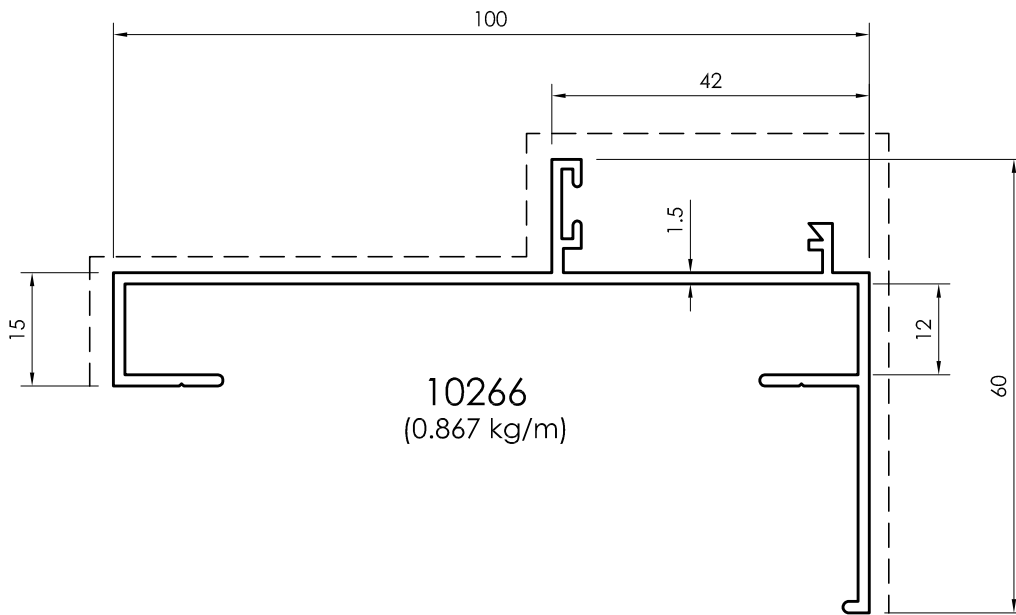
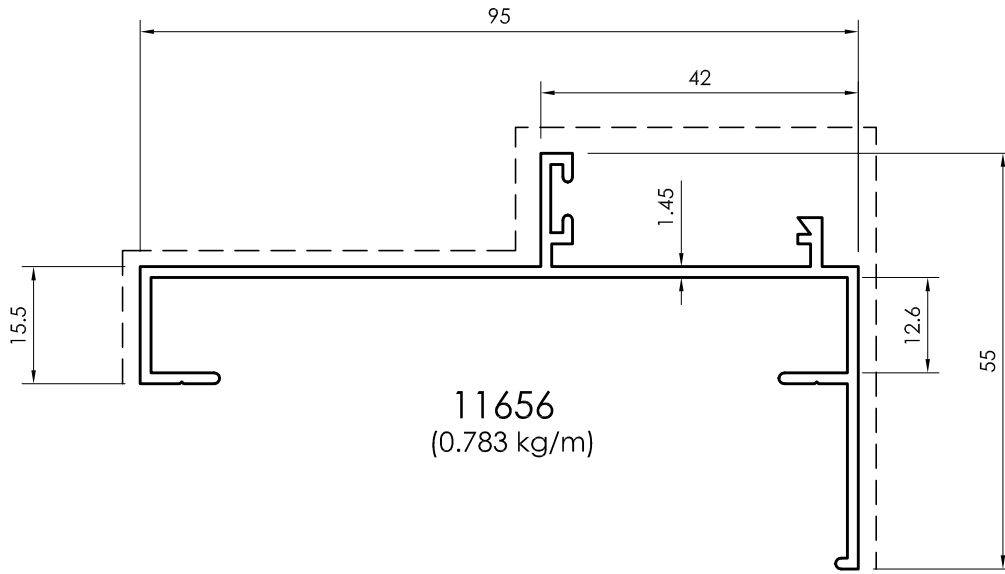
All dimensions in mm
Visible area_-----

Frame Profiles



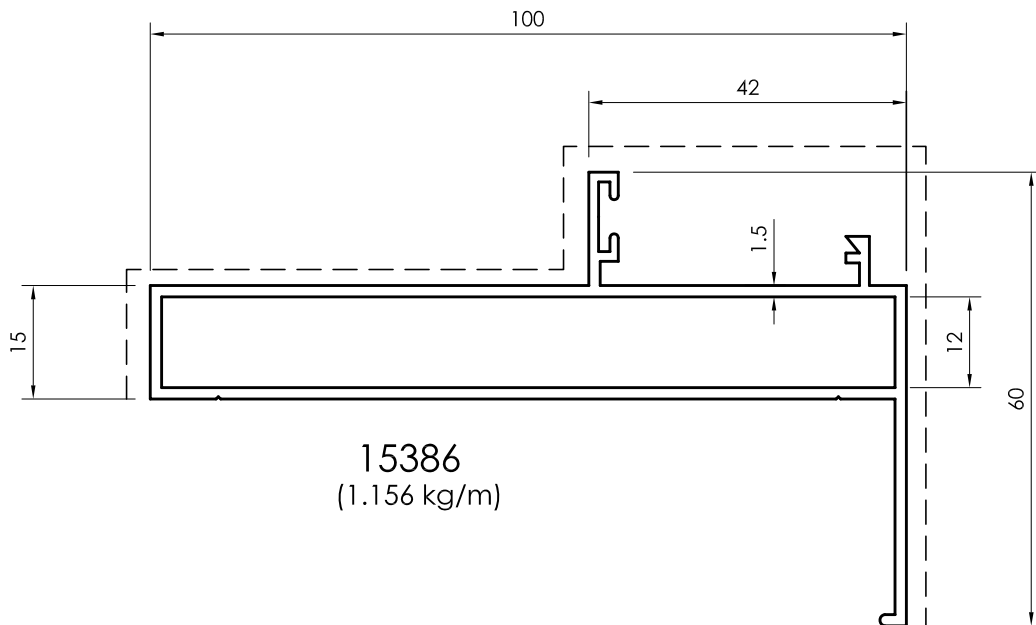
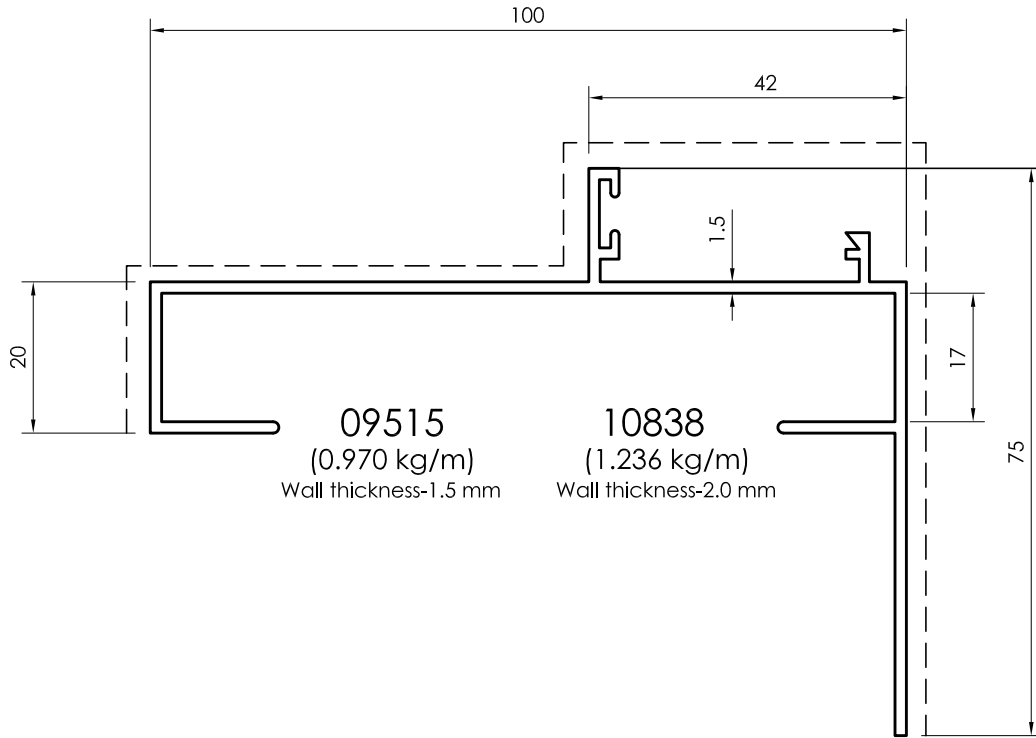
All dimensions in mm
 - - - - - Visible area

Frame Profiles



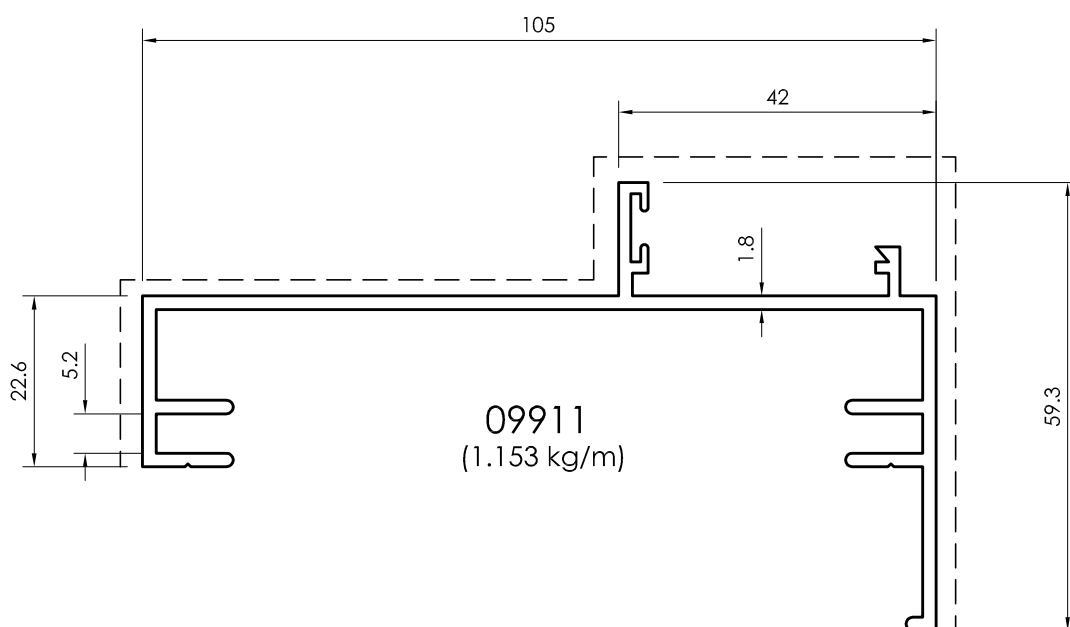
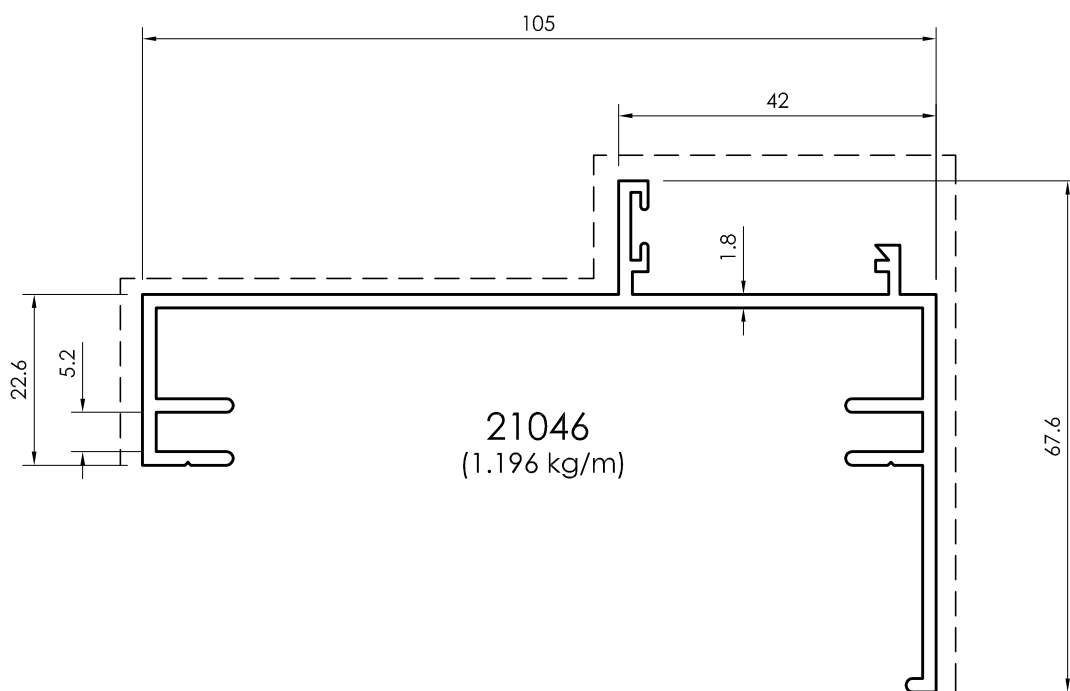
All dimensions in mm
Visible area_-----

Frame Profiles



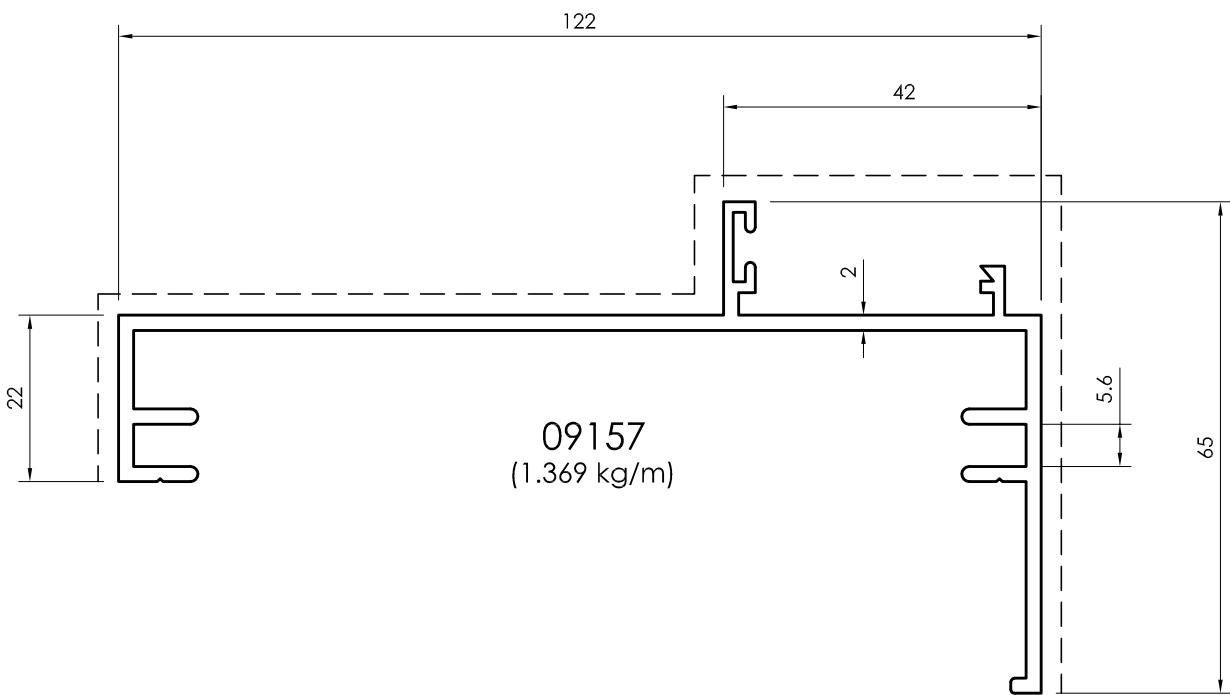
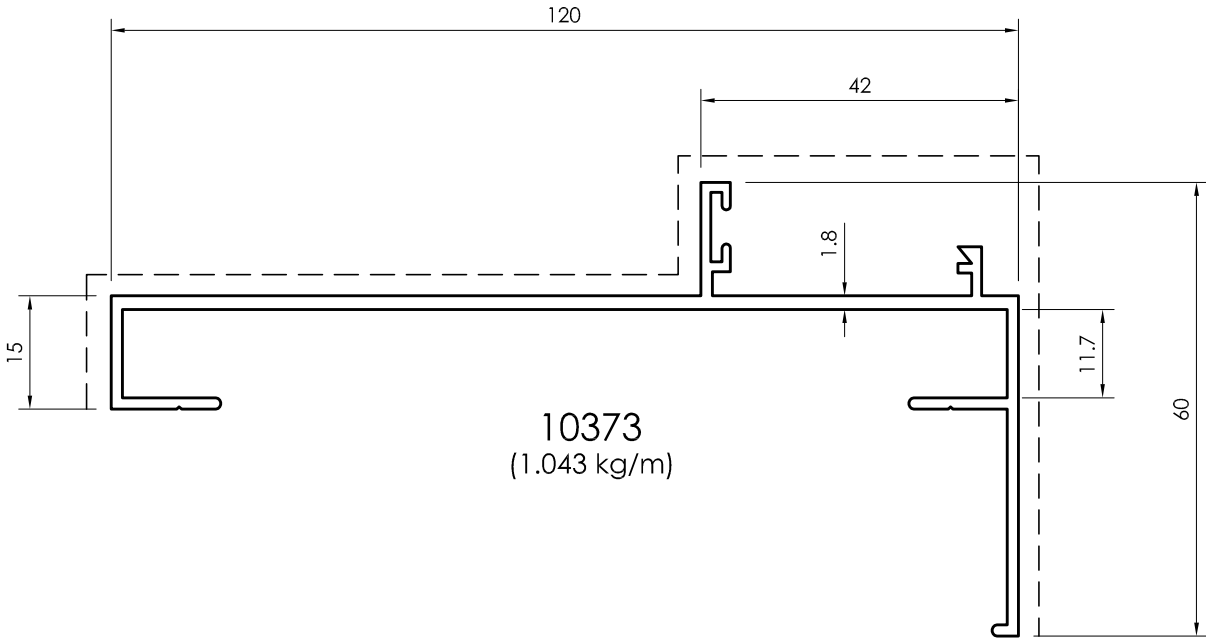
All dimensions in mm
----- Visible area

Frame Profiles



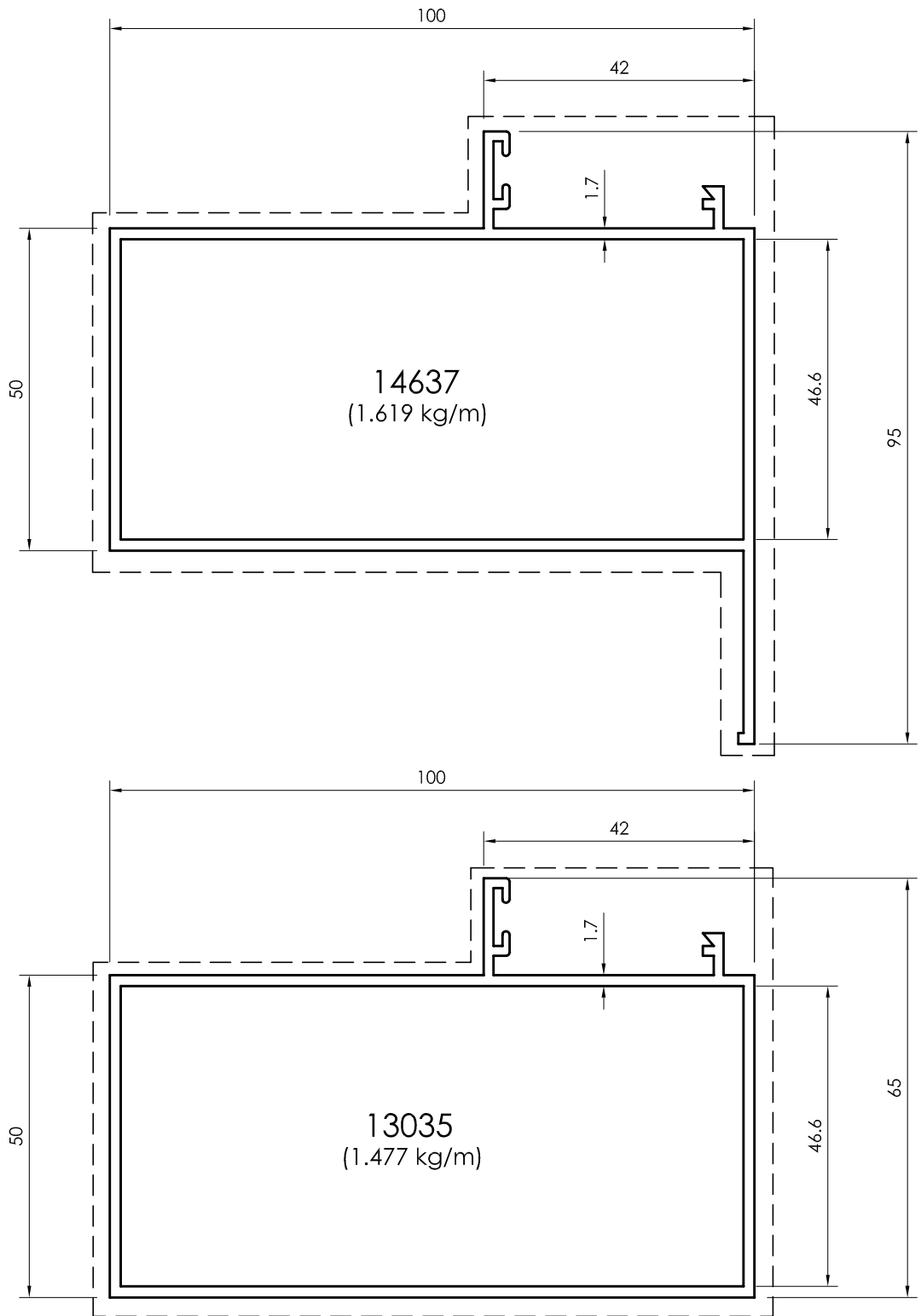
All dimensions in mm
Visible area_-----

Frame Profiles



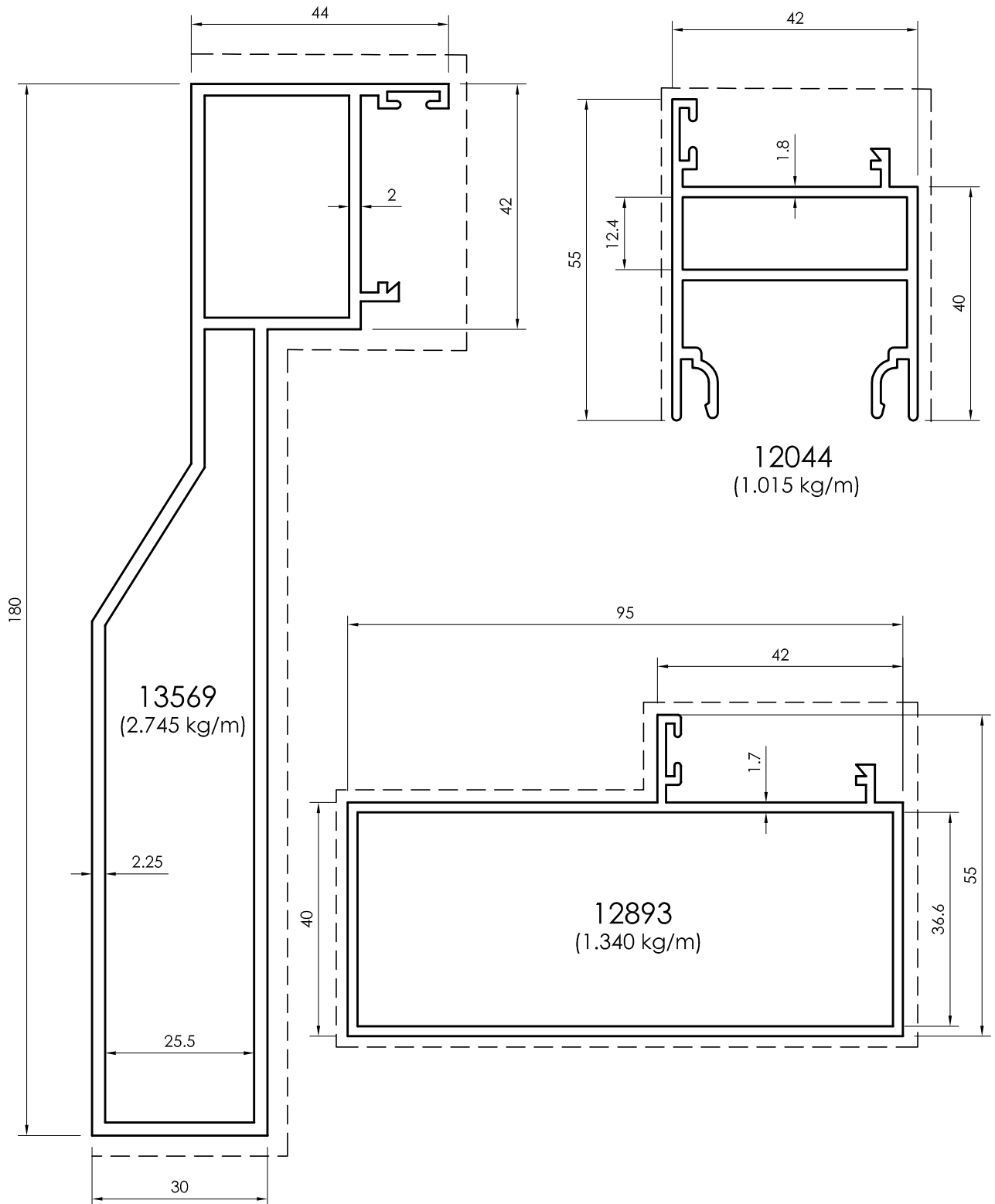
All dimensions in mm
 ----- Visible area

Frame Profiles



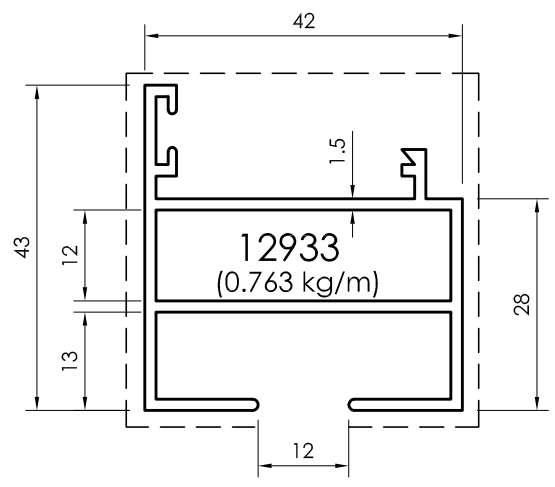
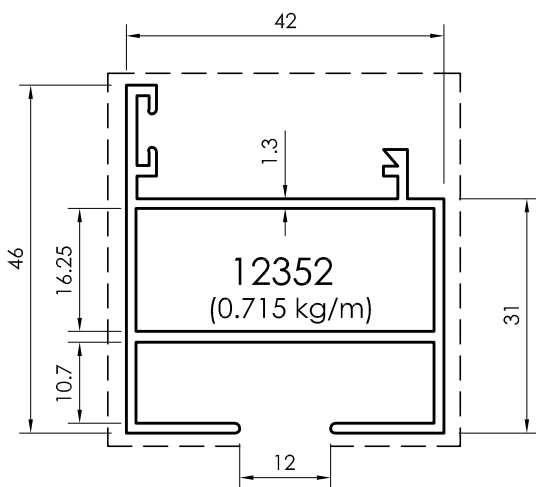
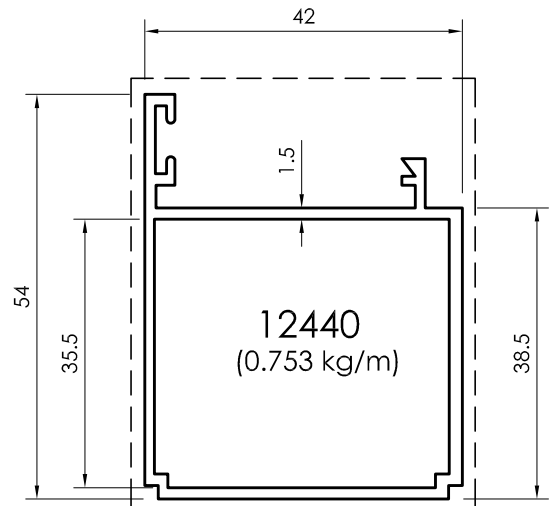
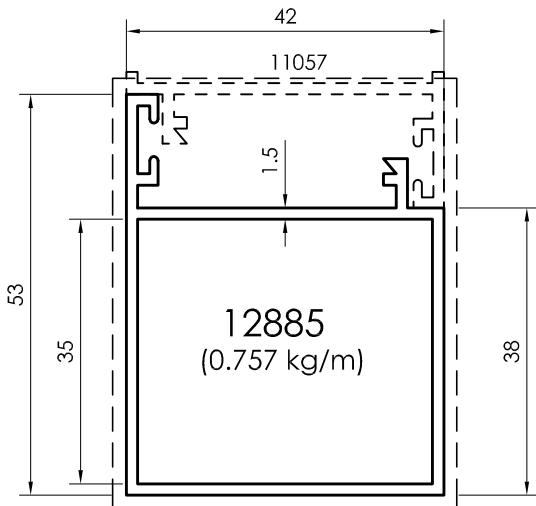
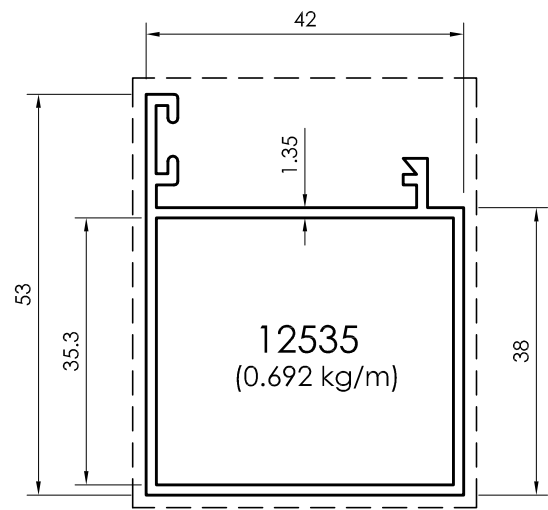
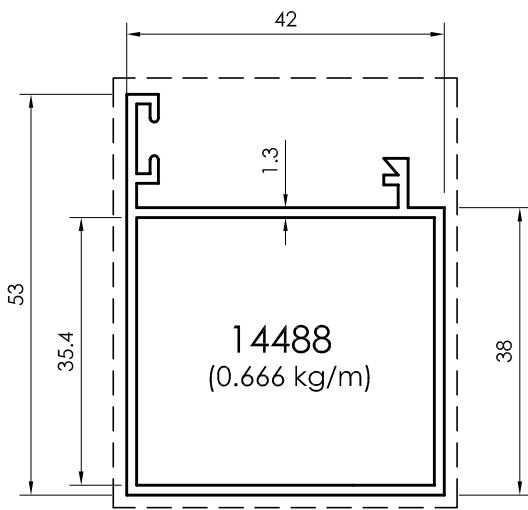
All dimensions in mm
Visible area_____

Frame Profiles



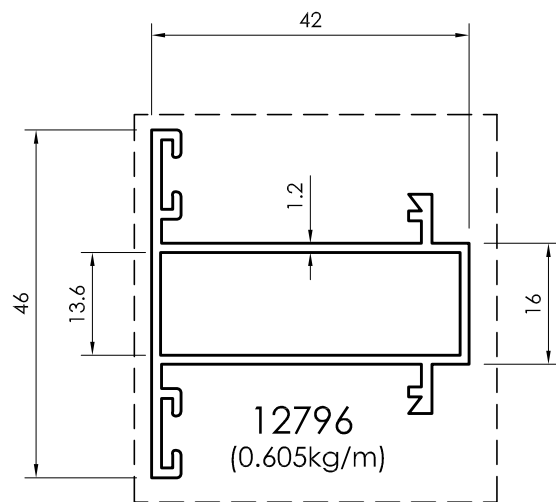
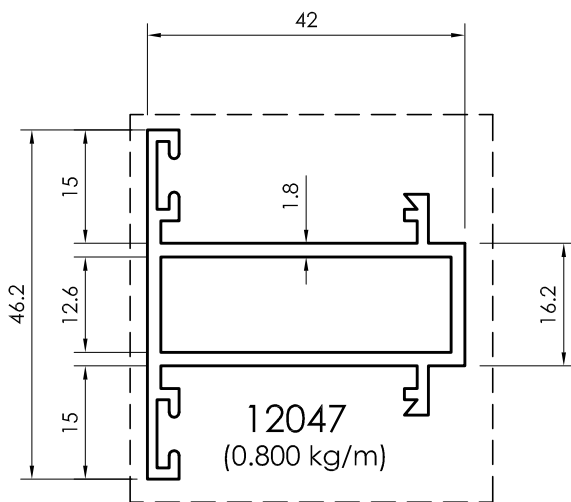
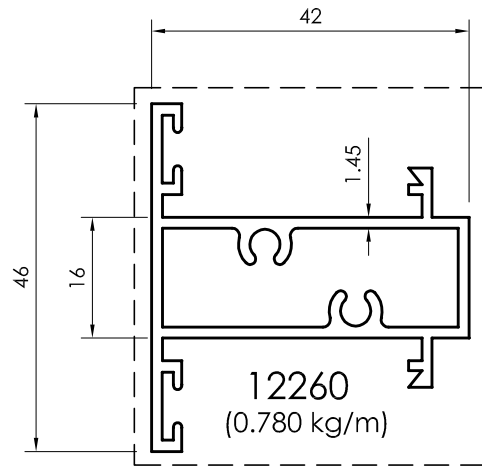
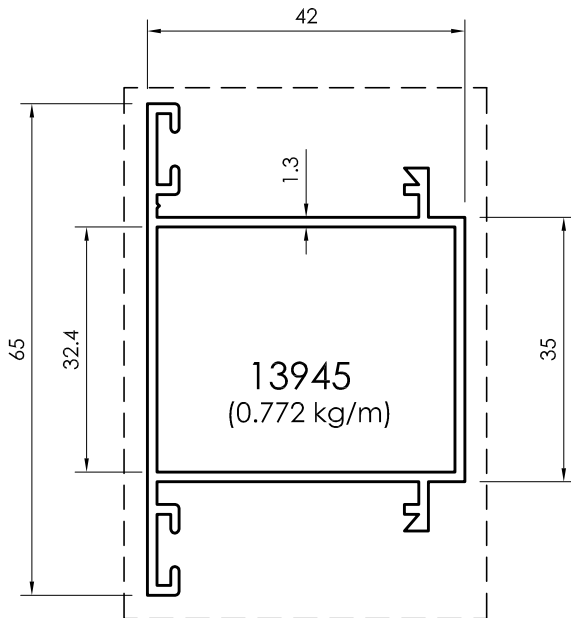
All dimensions in mm
 ----- Visible area

Frame Profiles



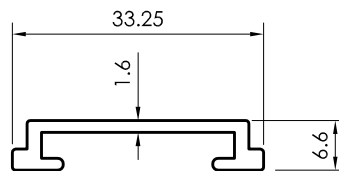
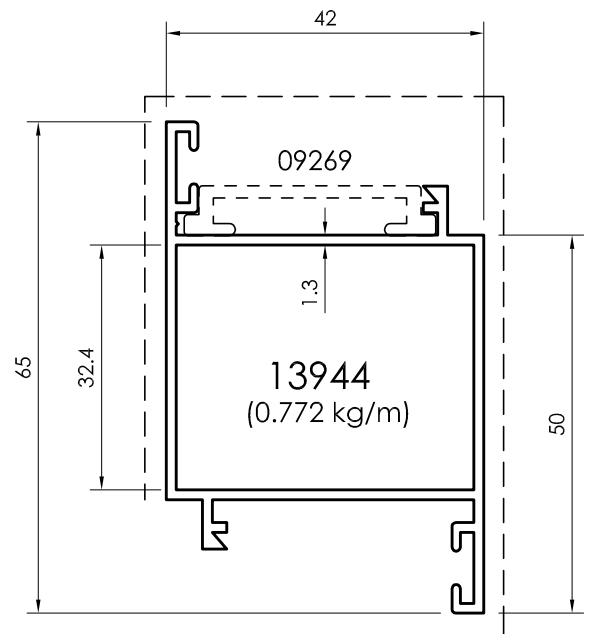
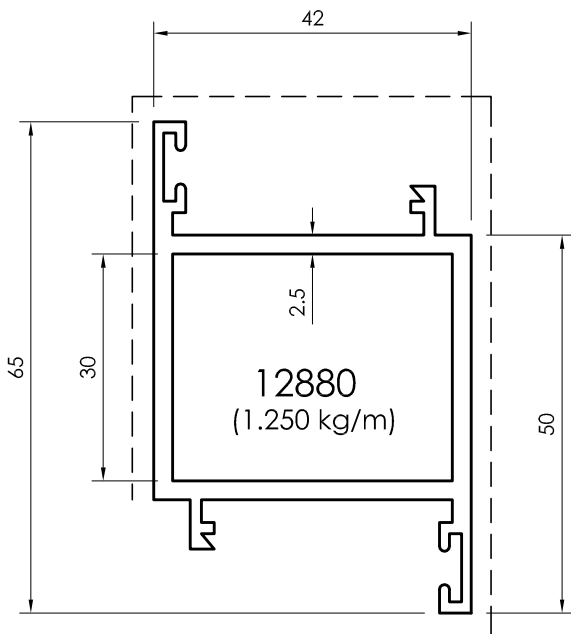
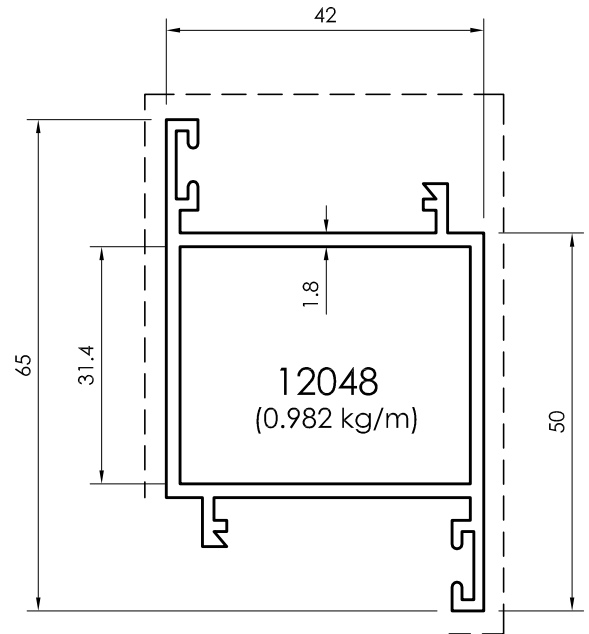
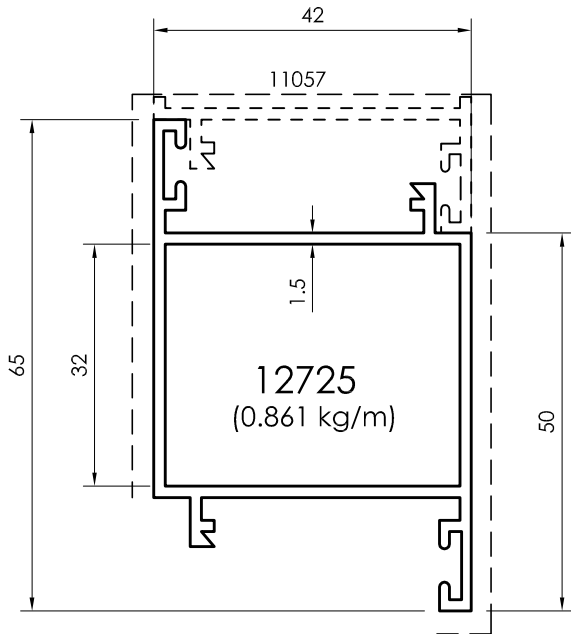
All dimensions in mm
Visible area_-----

T - Profiles



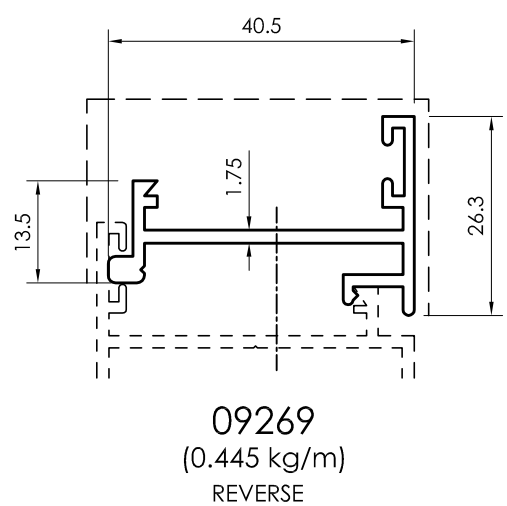
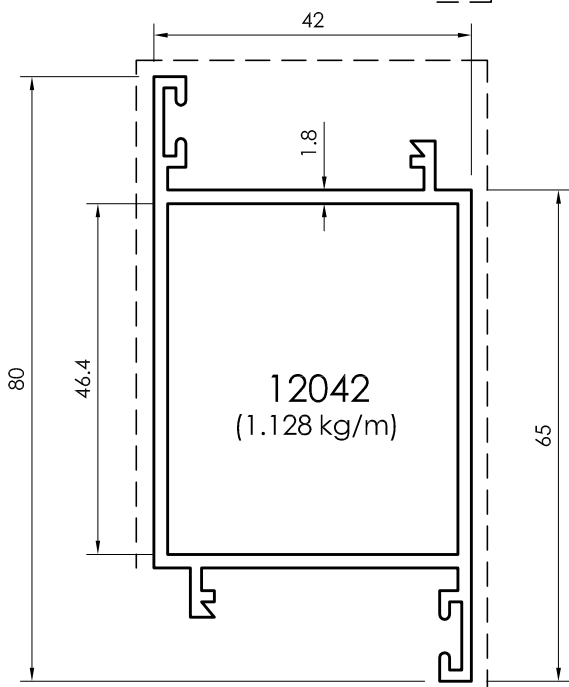
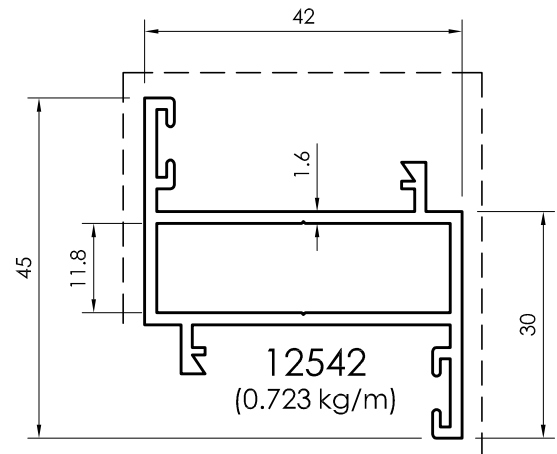
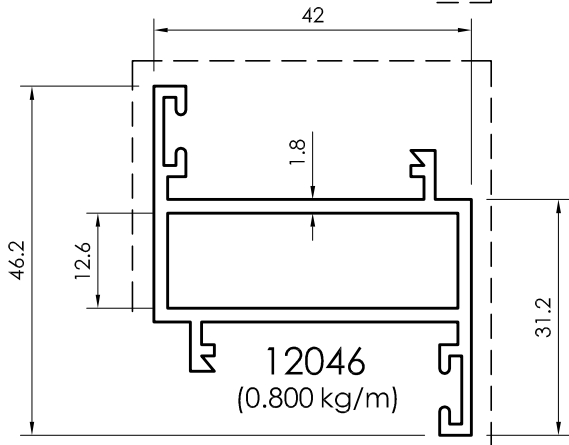
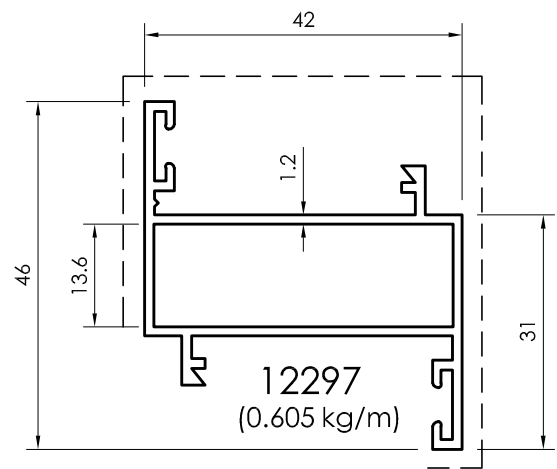
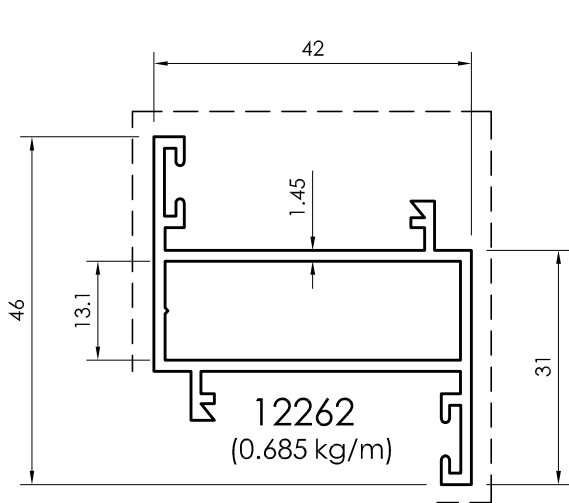
All dimensions in mm
 ----- Visible area

Sash Profiles



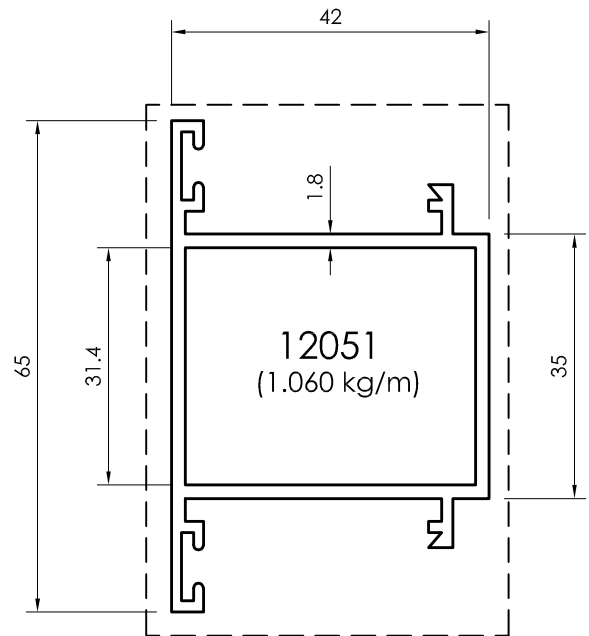
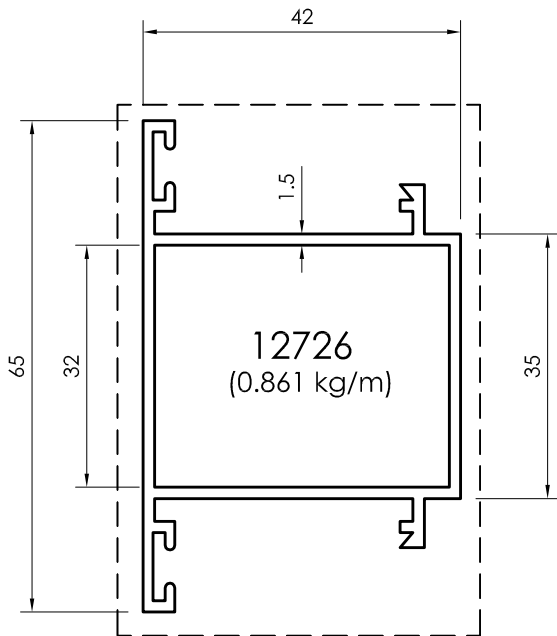
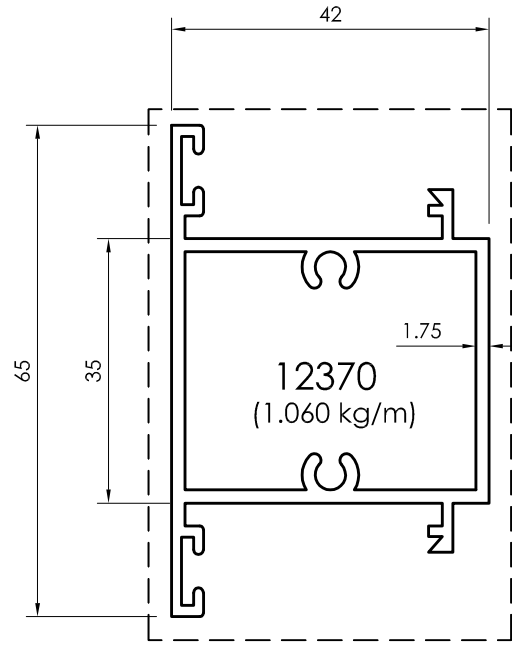
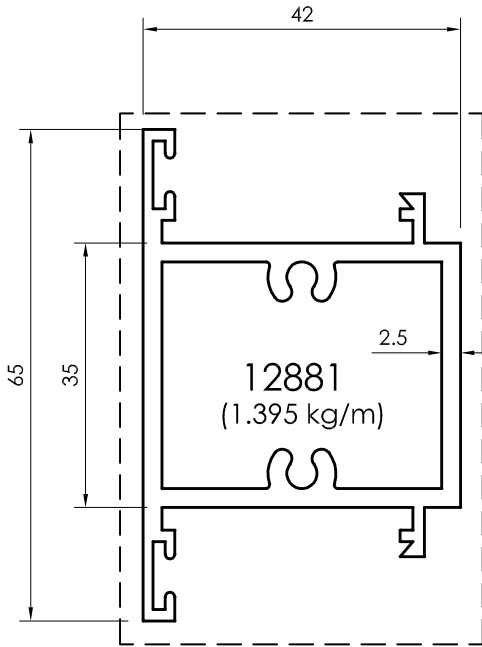
All dimensions in mm
Visible area_-----

Sash Profiles



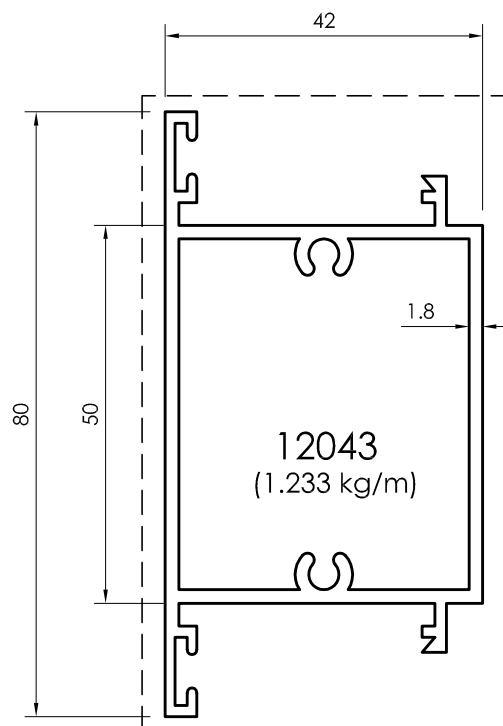
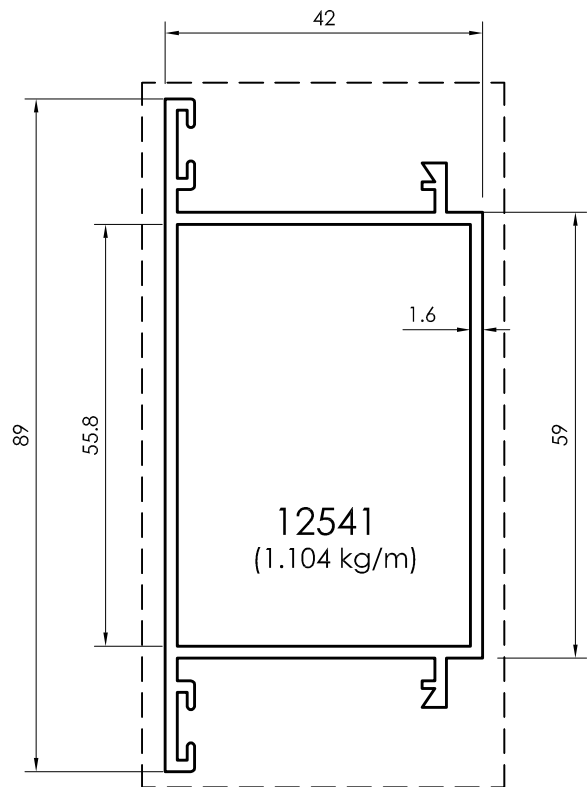
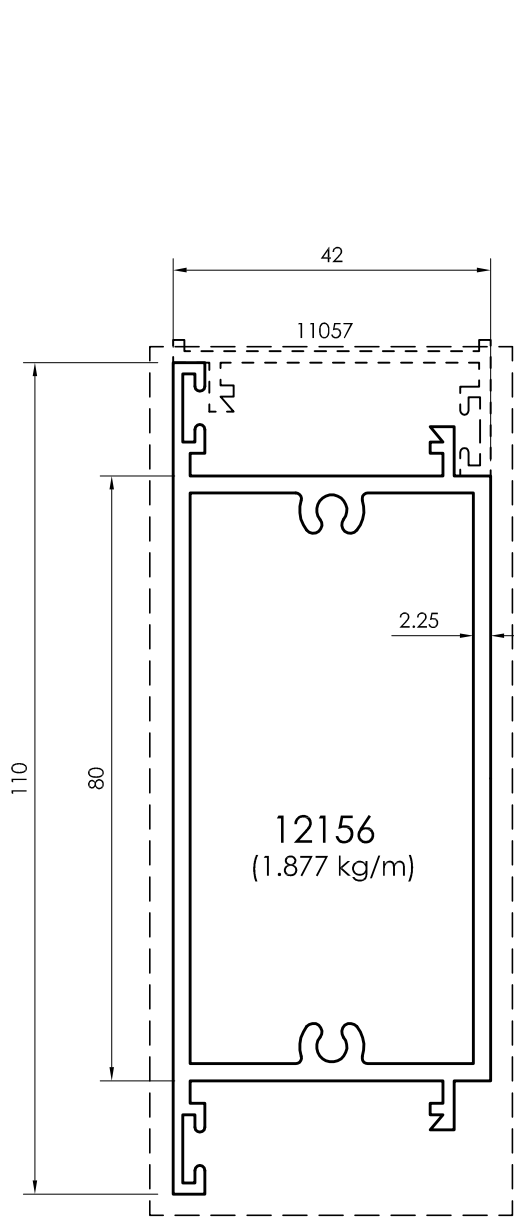
All dimensions in mm
----- Visible area

T - Profiles



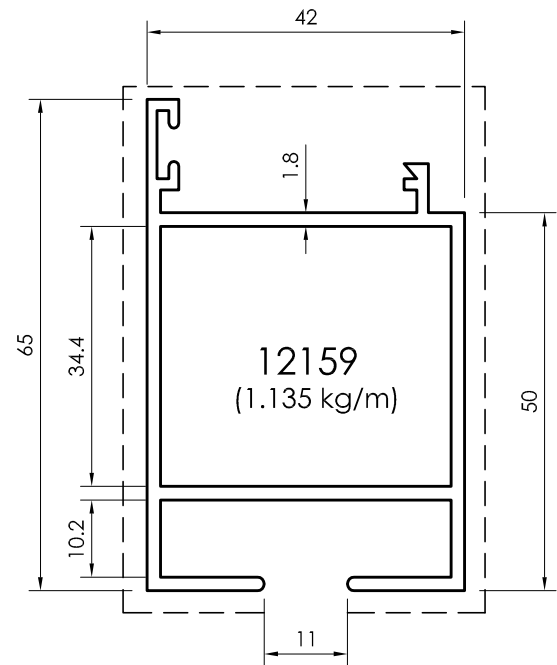
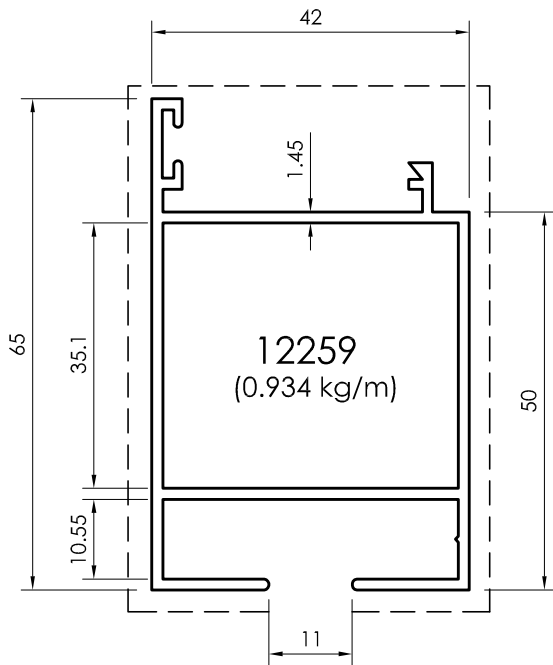
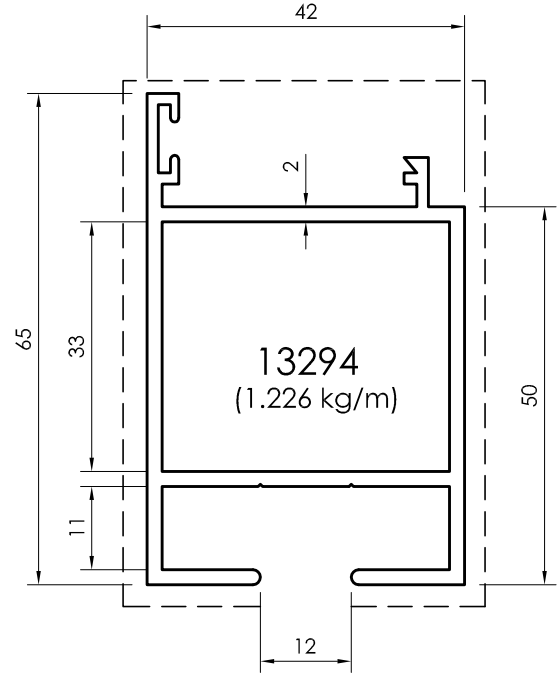
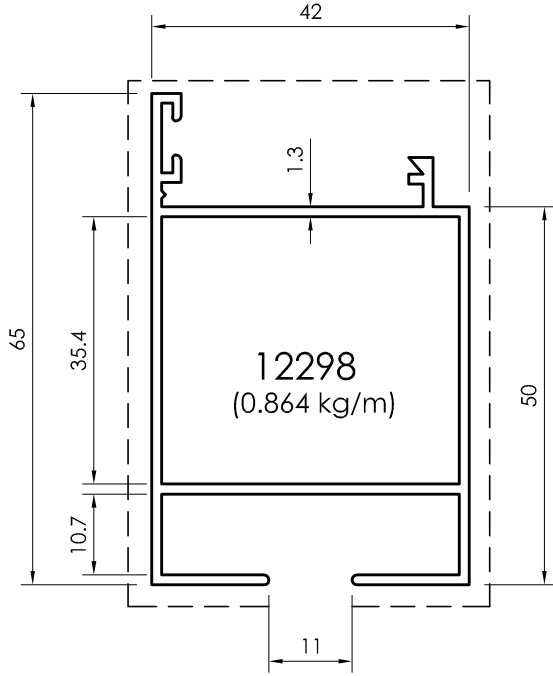
All dimensions in mm
Visible area_-----

T - Profiles



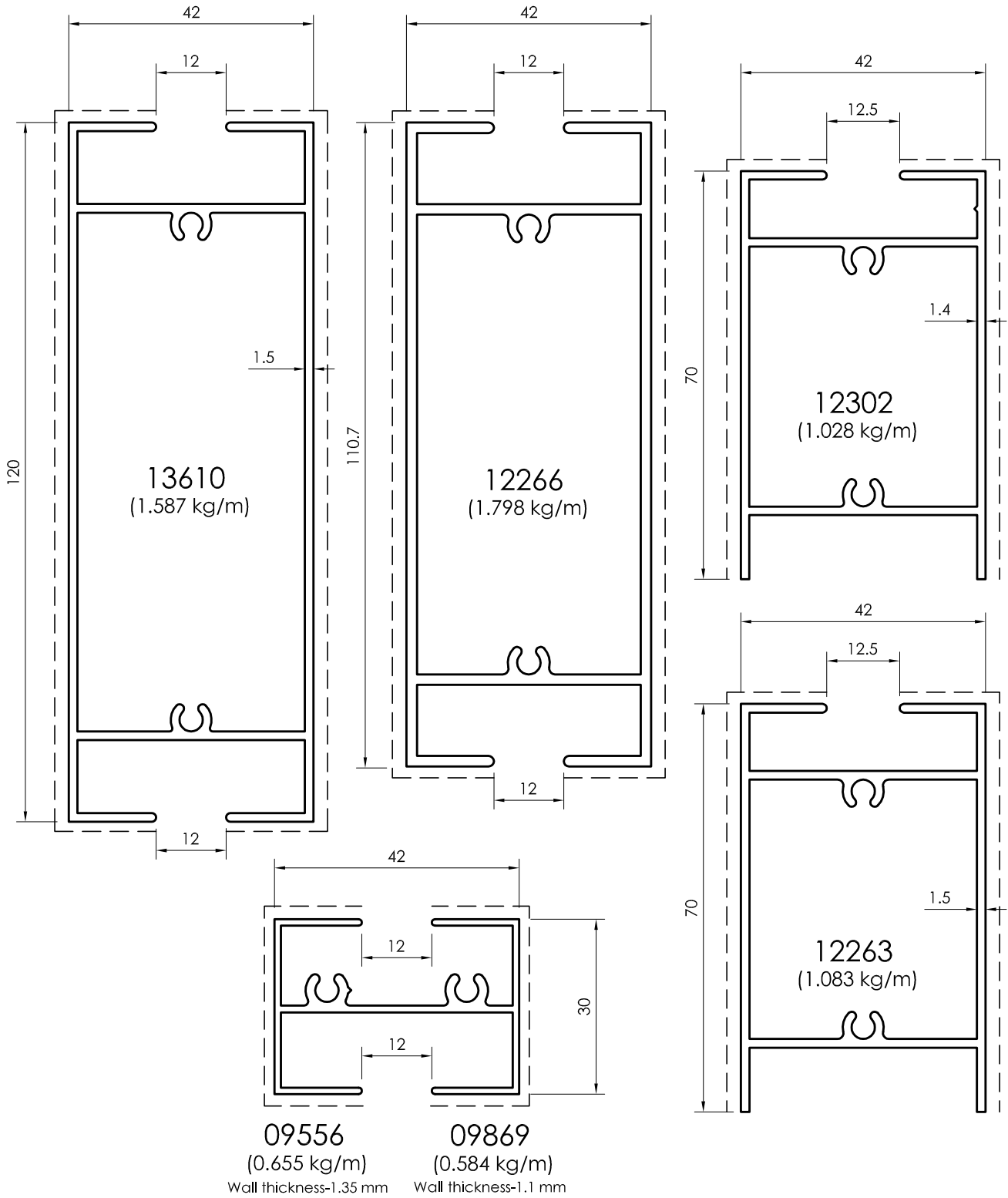
All dimensions in mm
 ----- Visible area

Intermediate Profiles



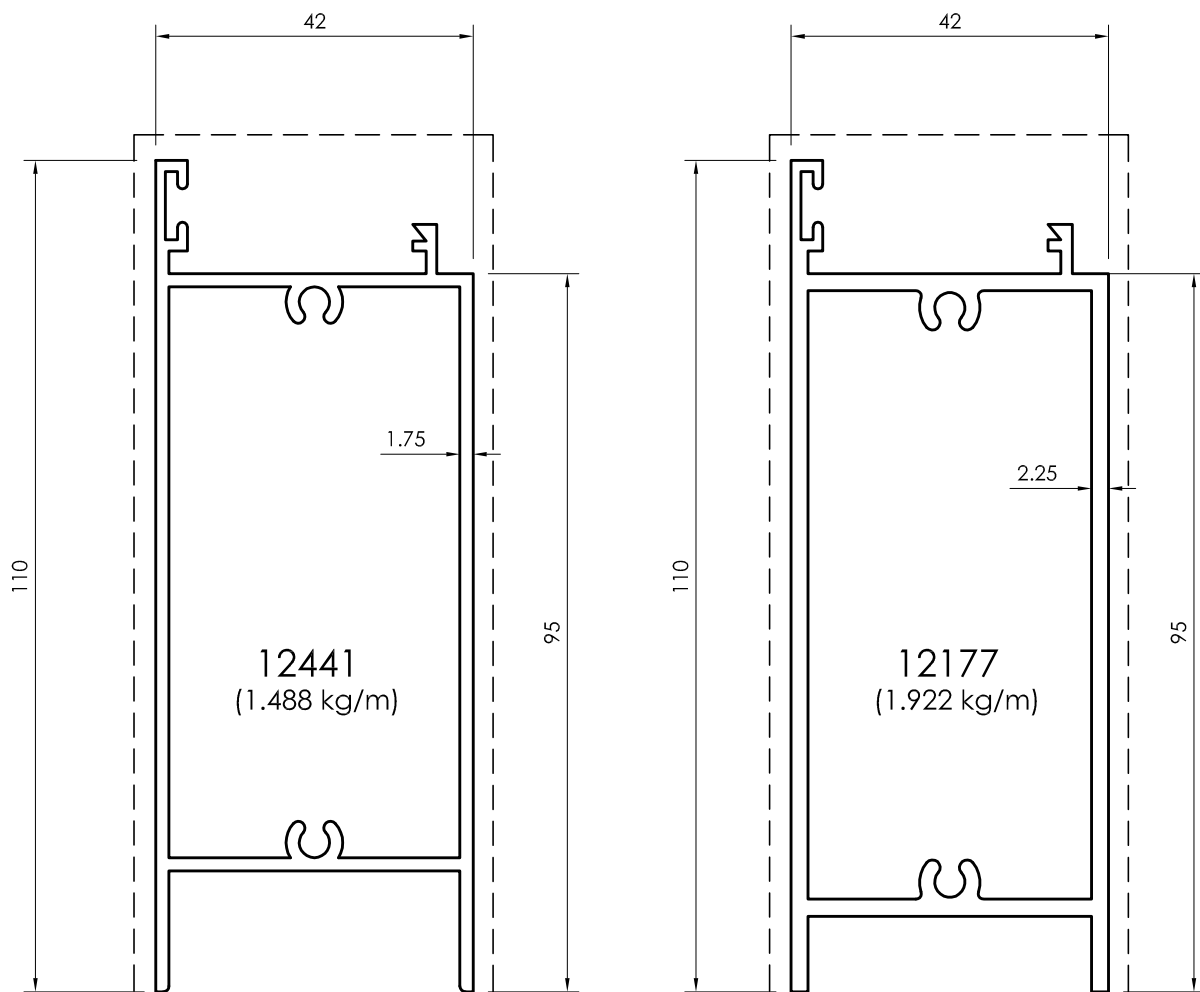
All dimensions in mm
Visible area_-----

Intermediate Profiles



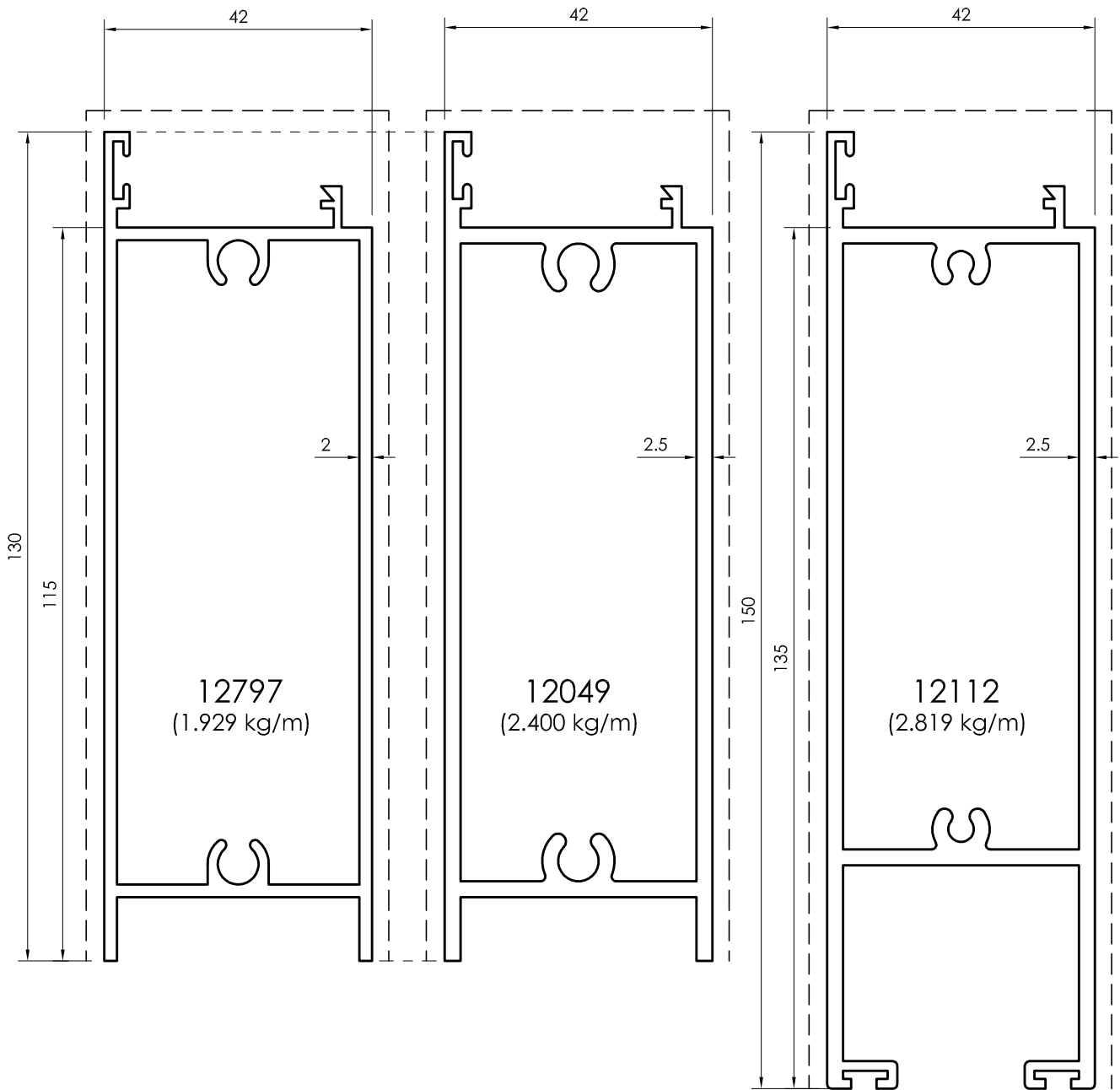
All dimensions in mm
 ----- Visible area

Bottom Frame Profiles



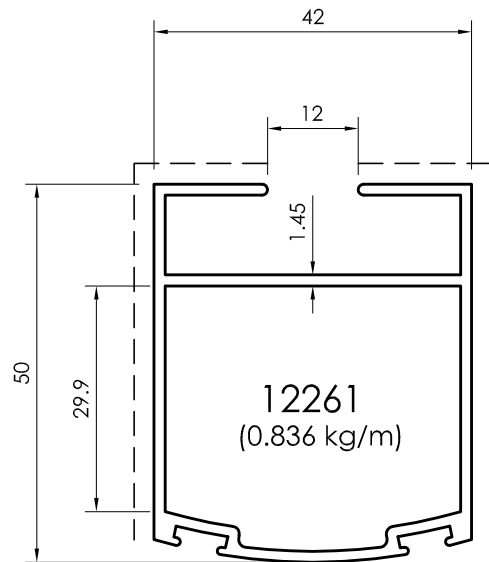
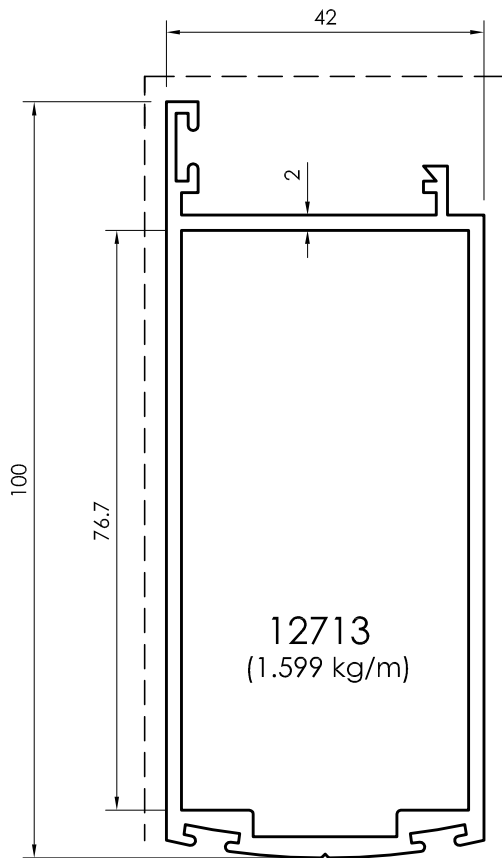
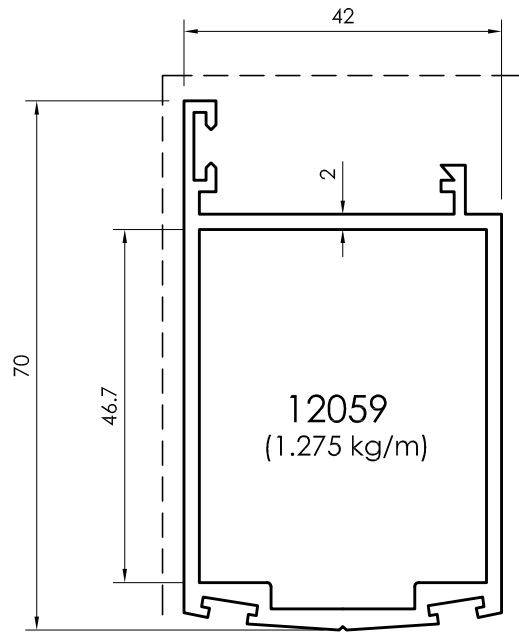
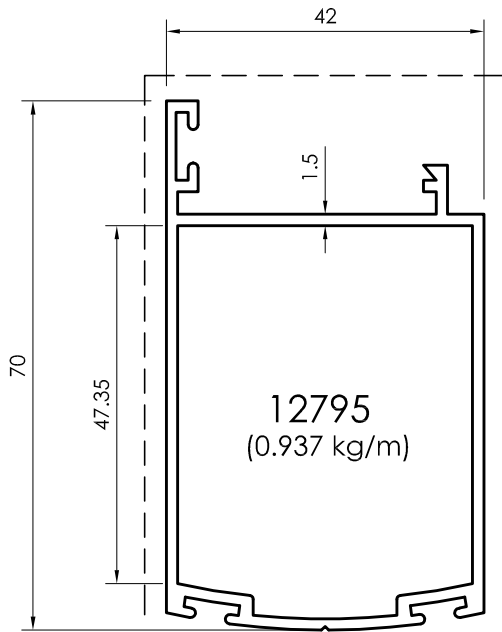
All dimensions in mm
Visible area_-----

Bottom Frame Profiles



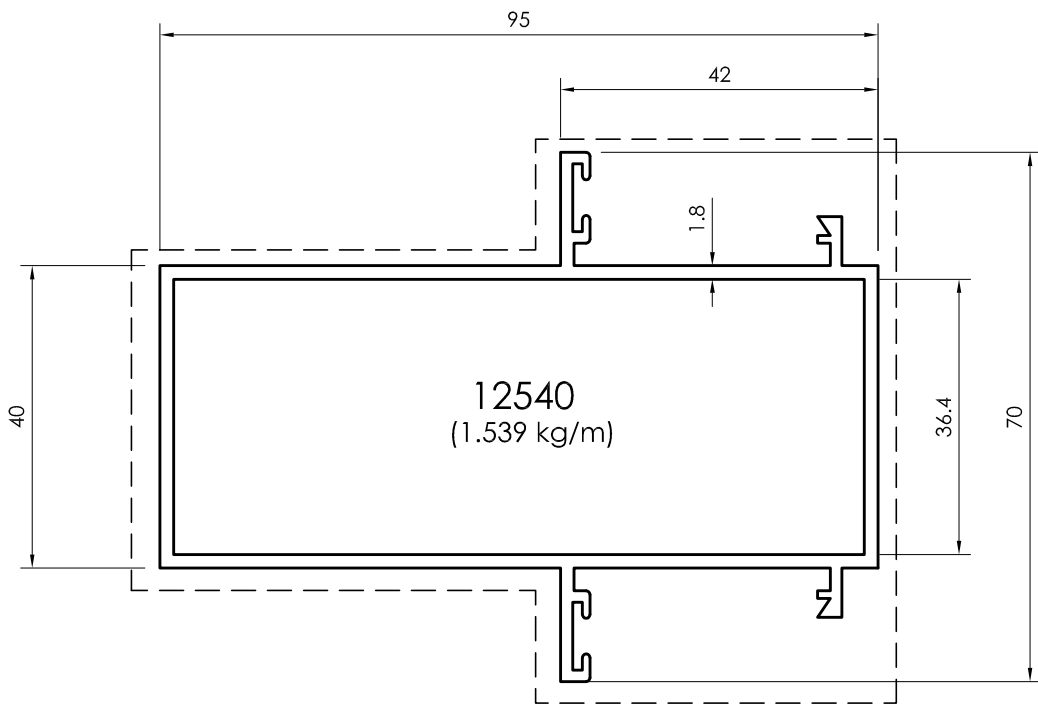
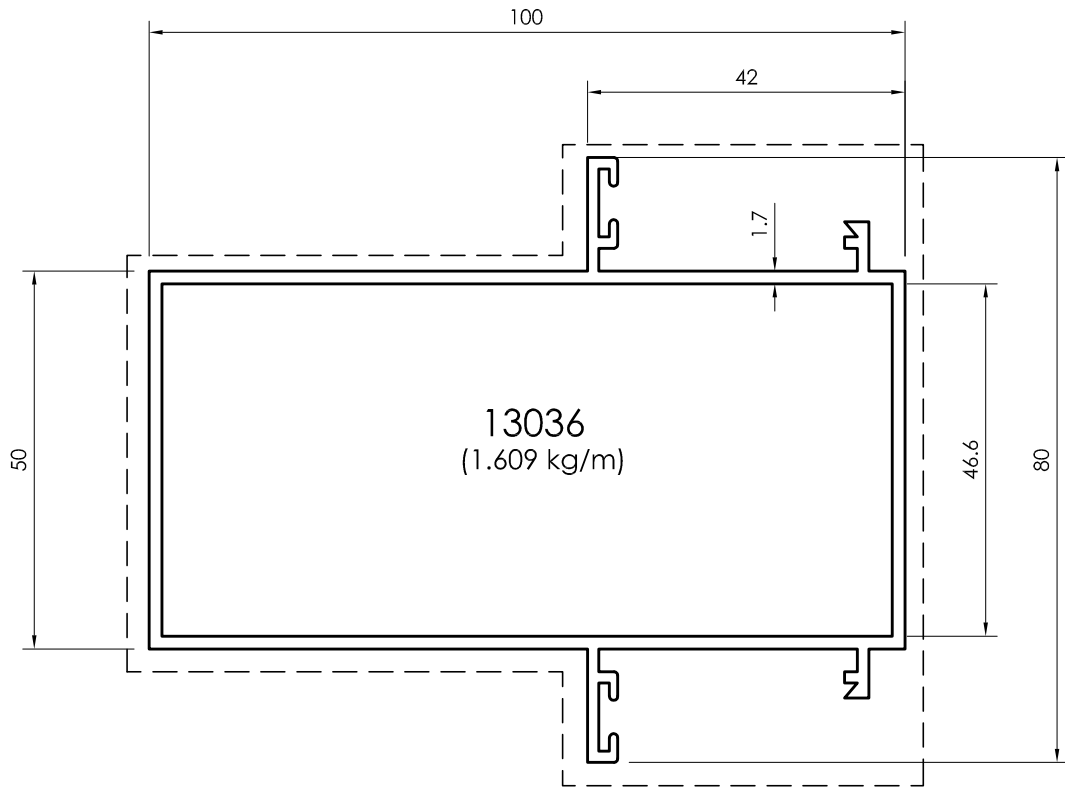
All dimensions in mm
 ----- Visible area

Swing Door Profiles



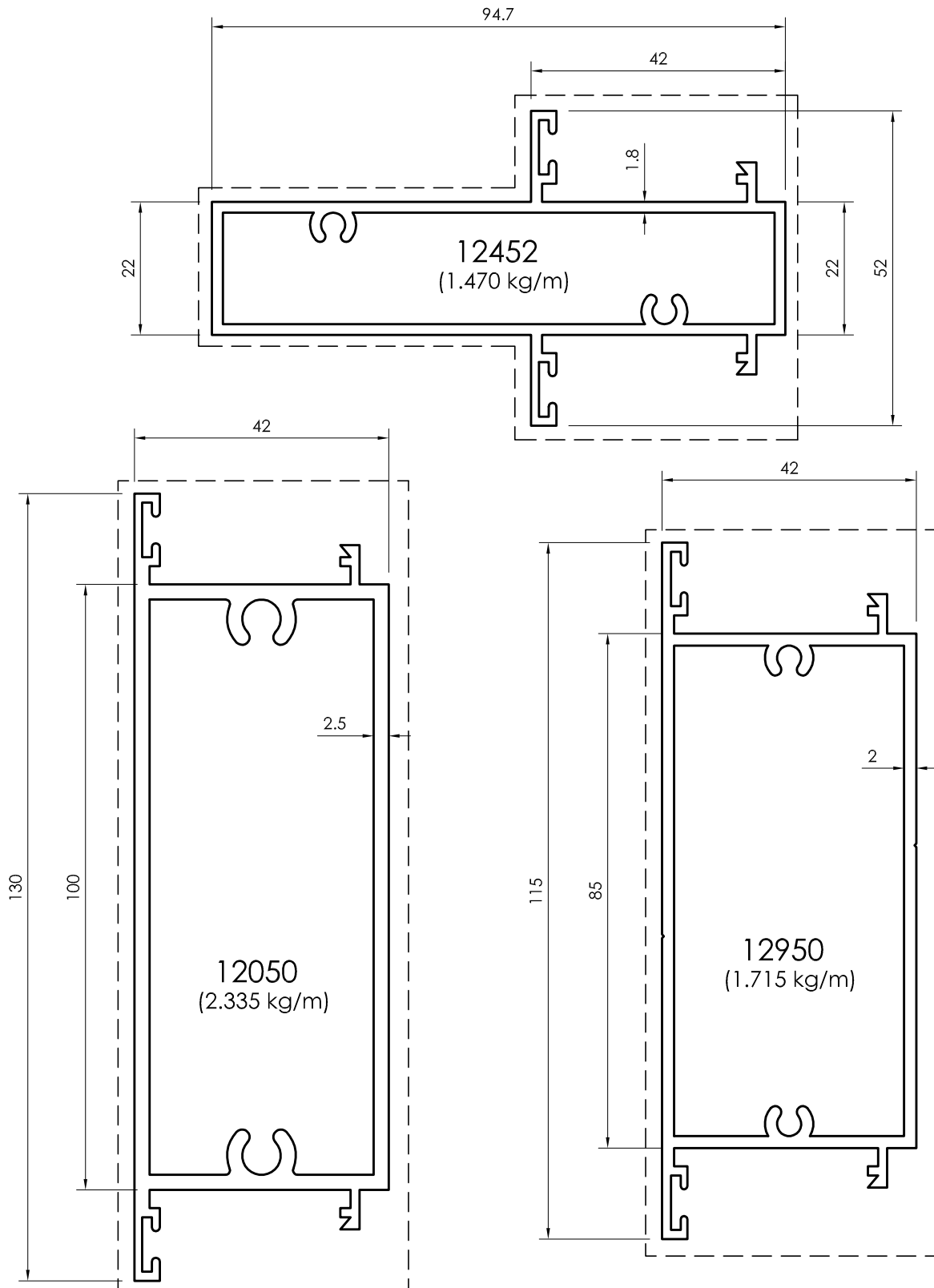
All dimensions in mm
Visible area_-----

T - Profiles



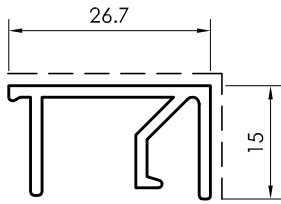
All dimensions in mm
 ----- Visible area

T - Profiles

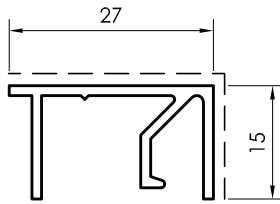


All dimensions in mm
Visible area_-----

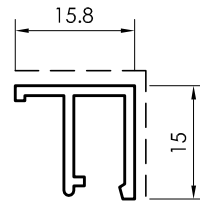
Complementary Profiles



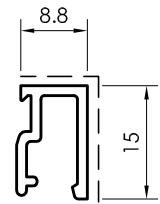
09056
(0.290 kg/m)
FOR 6MM & 8MM GLASS



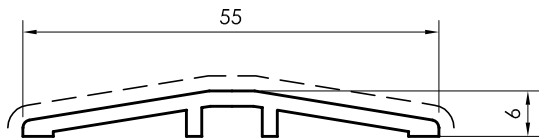
09504
(0.249 kg/m)
FOR 6MM & 8MM GLASS



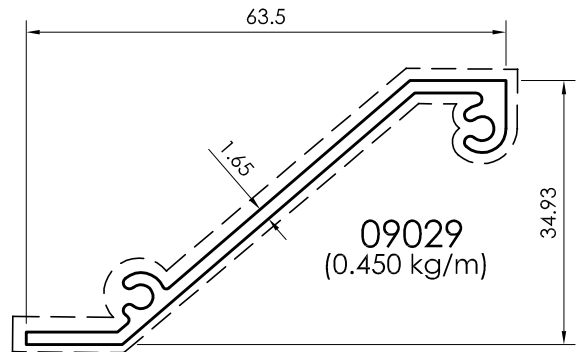
09225
(0.165 kg/m)
FOR 18MM GLASS



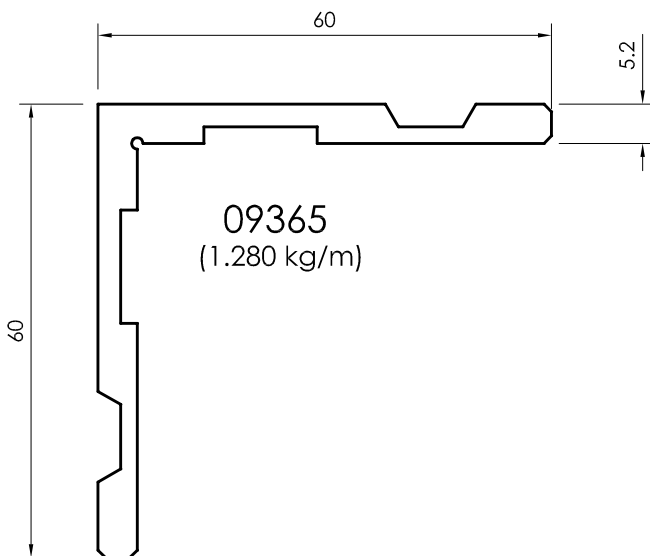
11358
(0.138 kg/m)
FOR 24MM GLASS



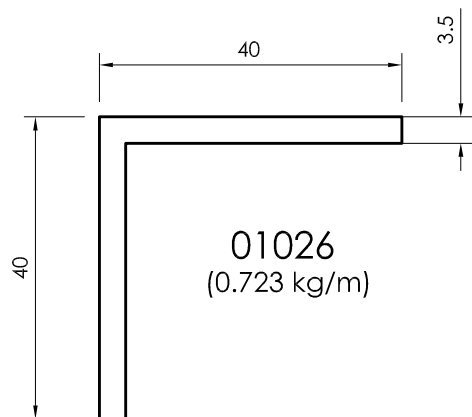
10078
(0.345 kg/m)



09029
(0.450 kg/m)



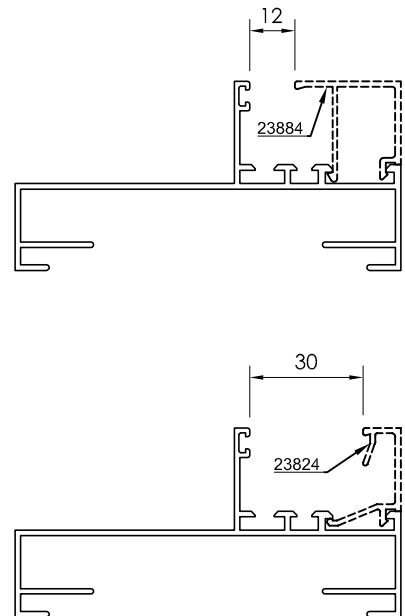
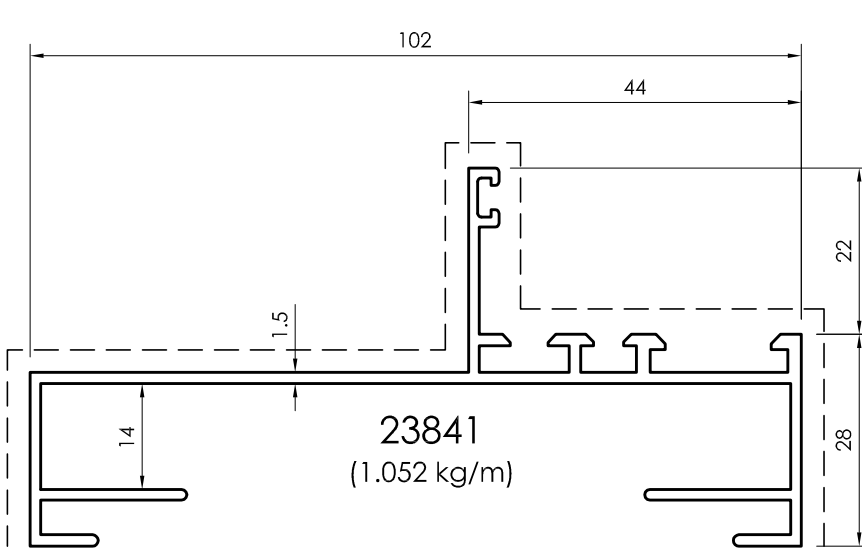
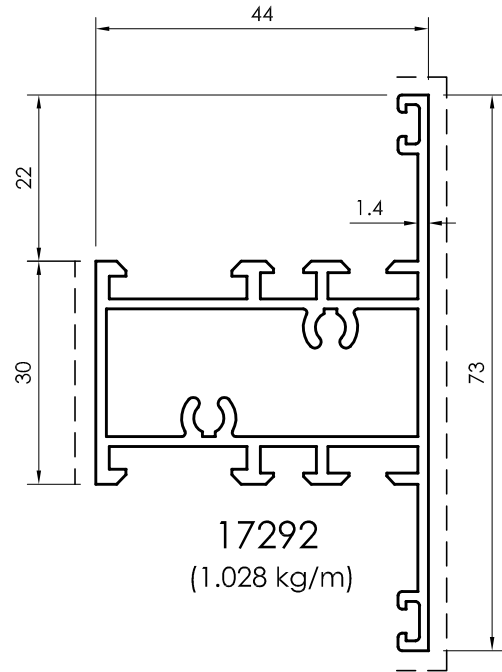
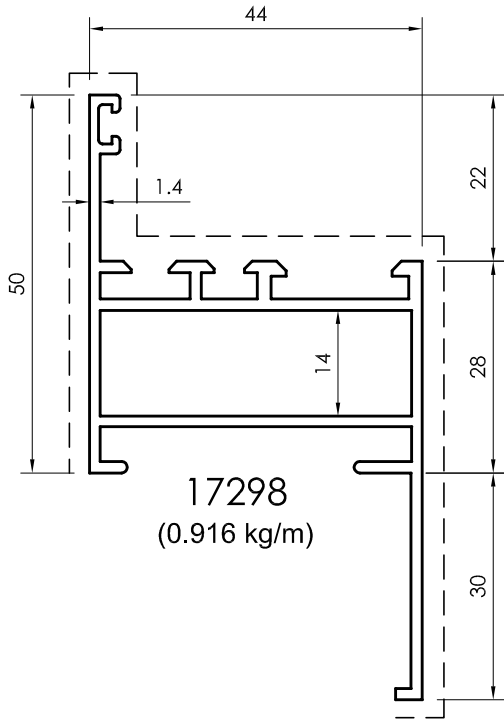
09365
(1.280 kg/m)



01026
(0.723 kg/m)

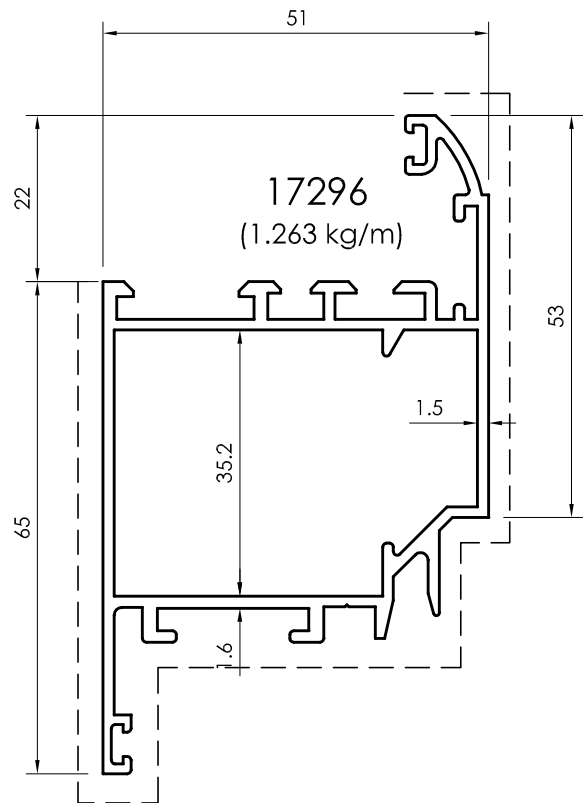
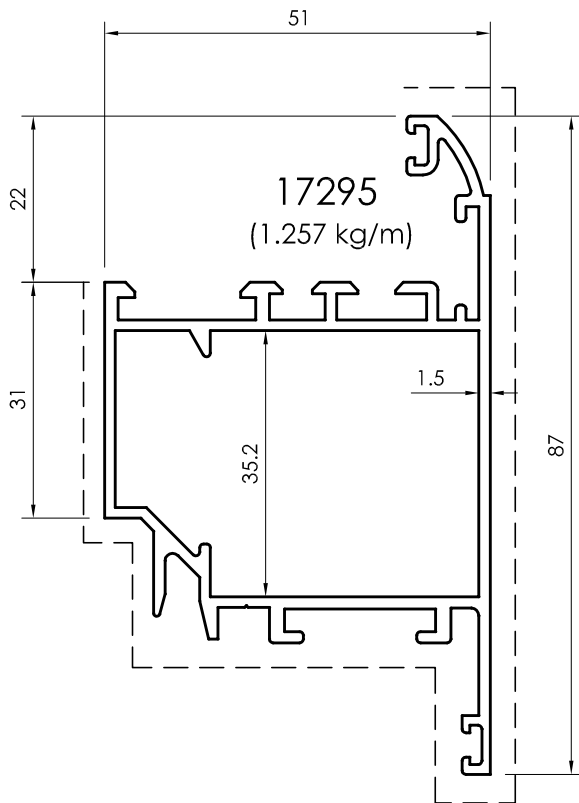
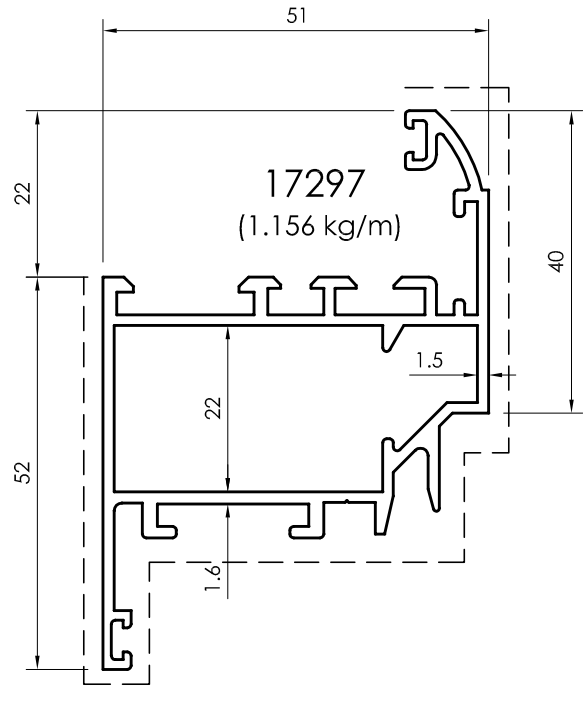
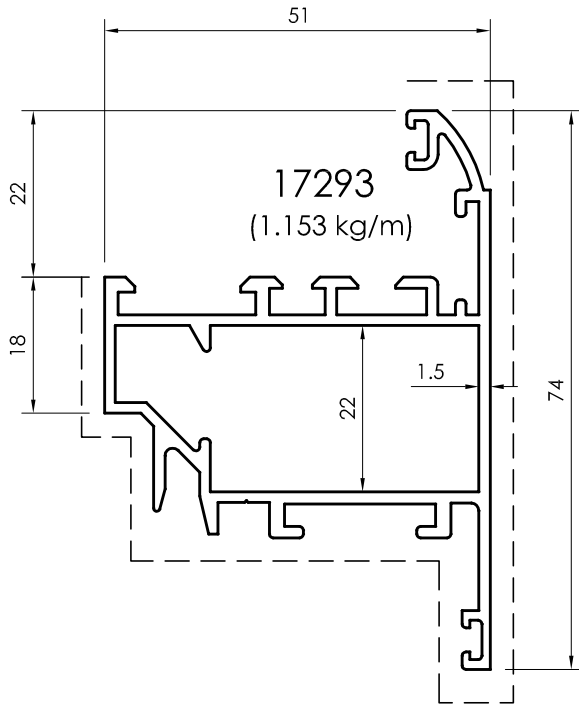
All dimensions in mm
----- Visible area

Hinged Window / Door 44mm



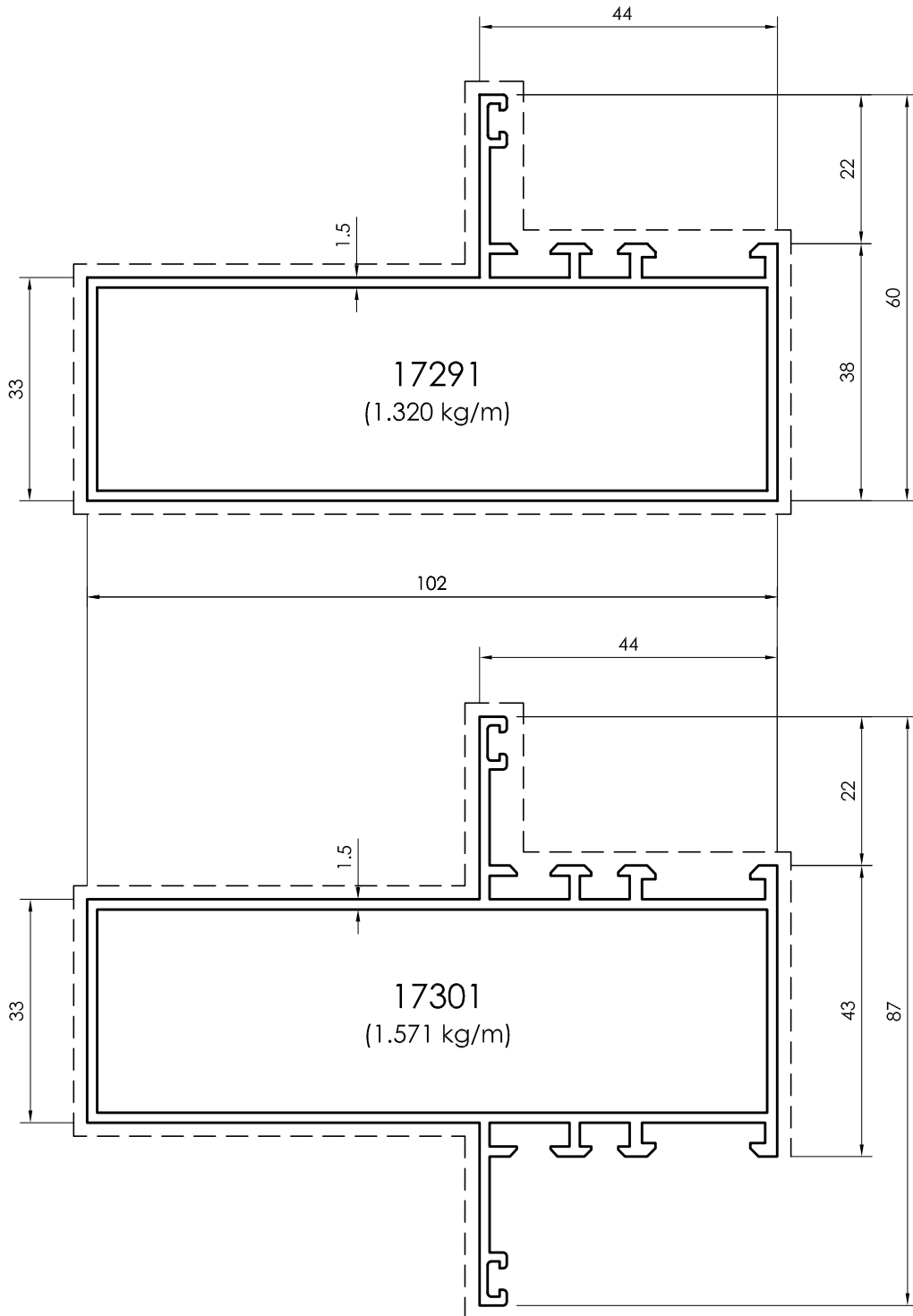
All dimensions in mm
Visible area_-----

Hinged Window / Door 44mm



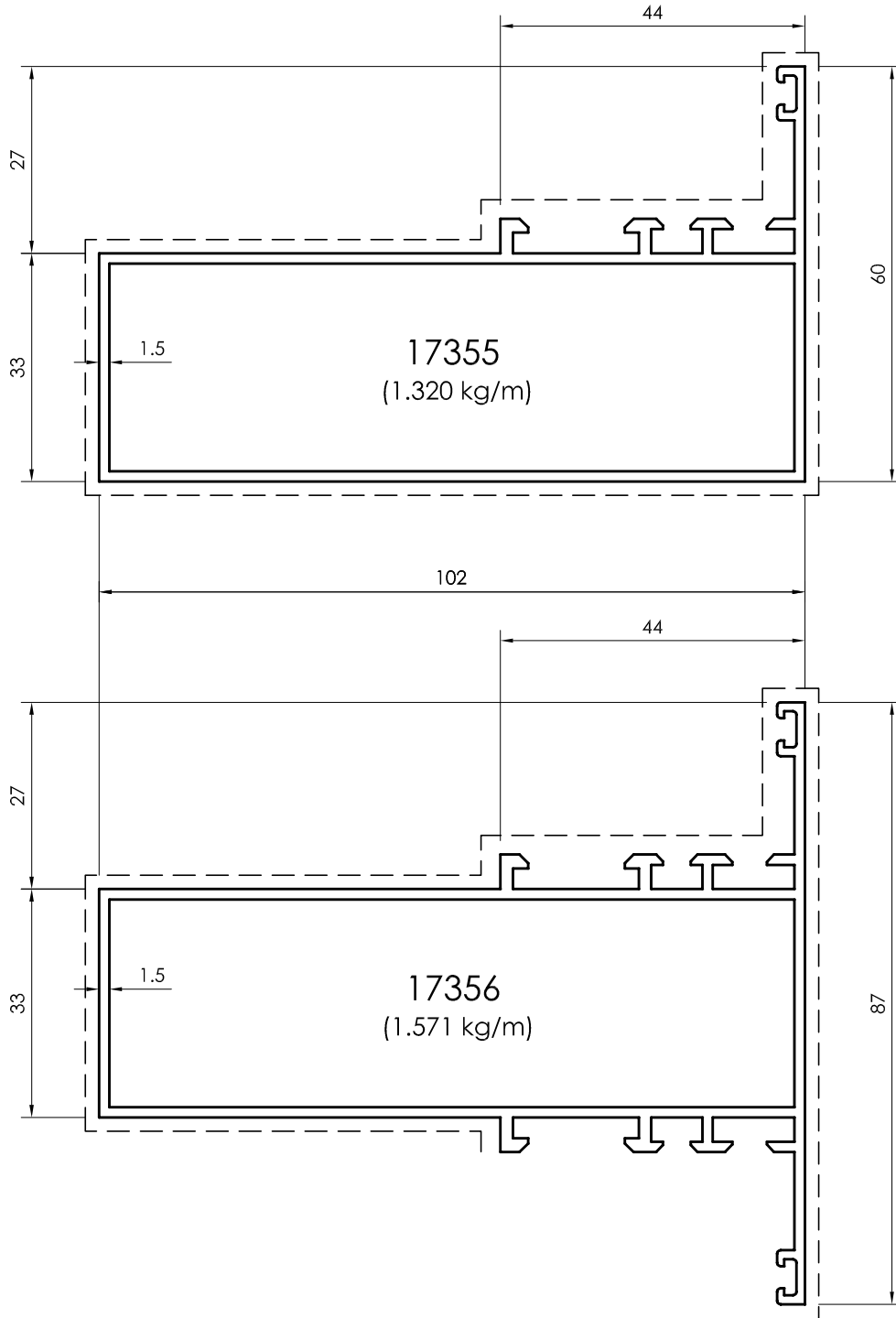
All dimensions in mm
----- Visible area

Hinged Window / Door 44mm



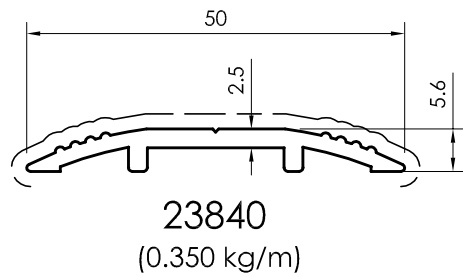
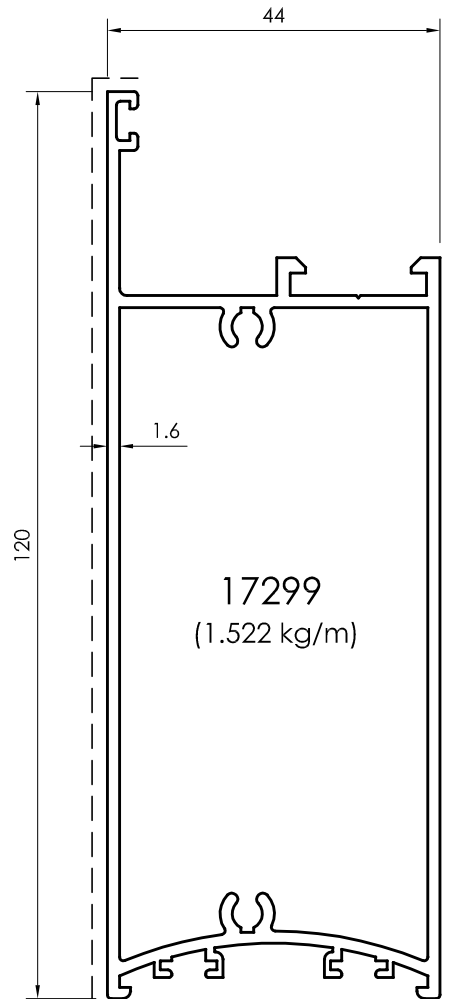
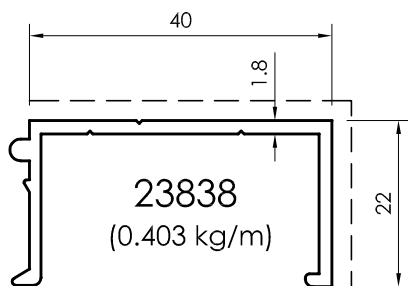
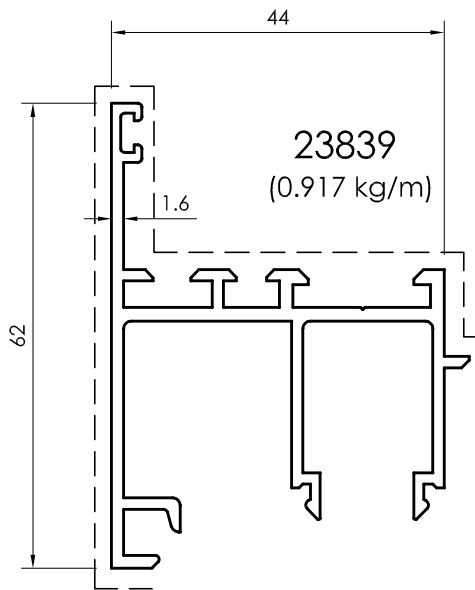
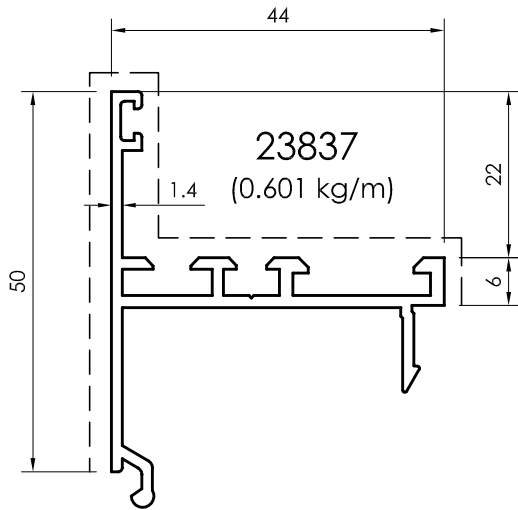
All dimensions in mm
Visible area_-----

Hinged Window / Door 44mm



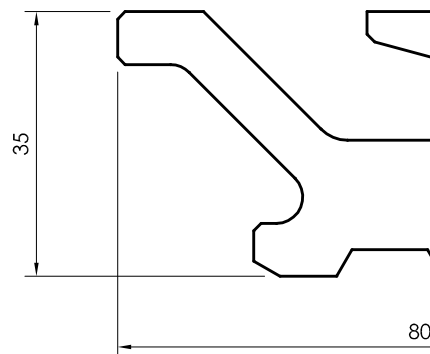
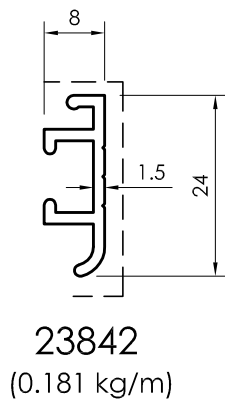
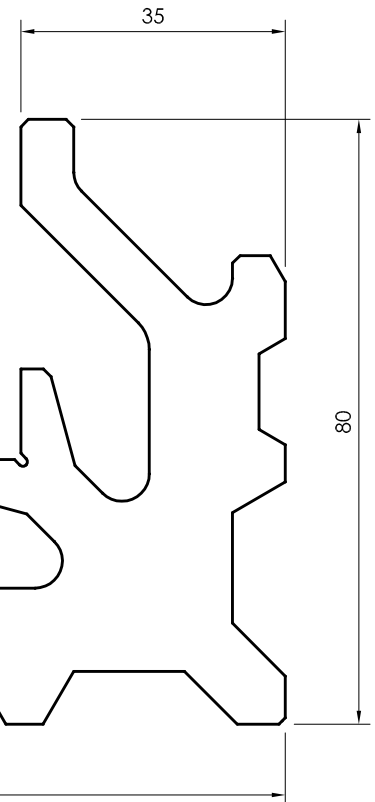
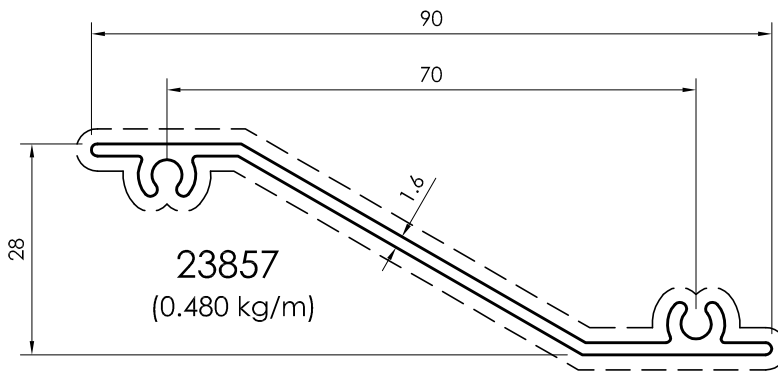
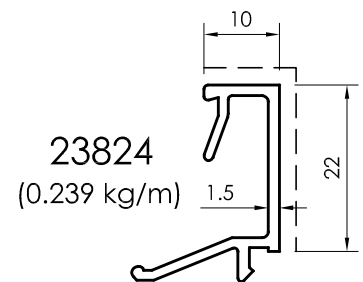
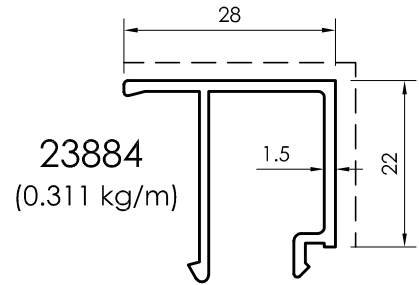
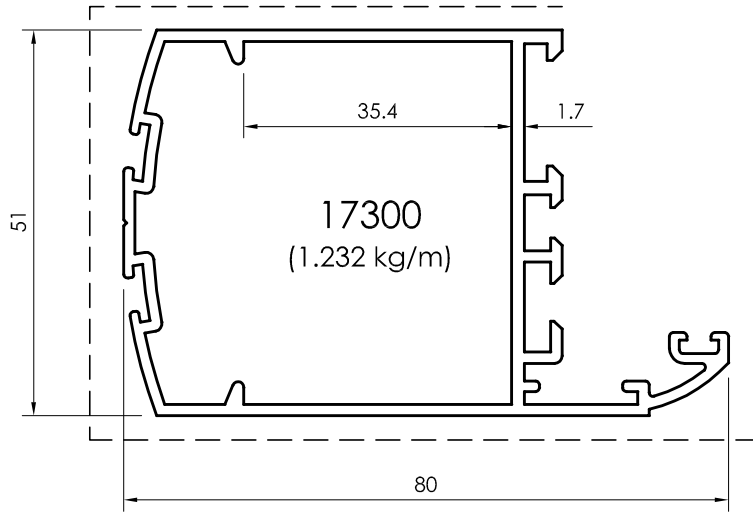
All dimensions in mm
 ----- Visible area

Hinged Window / Door 44mm



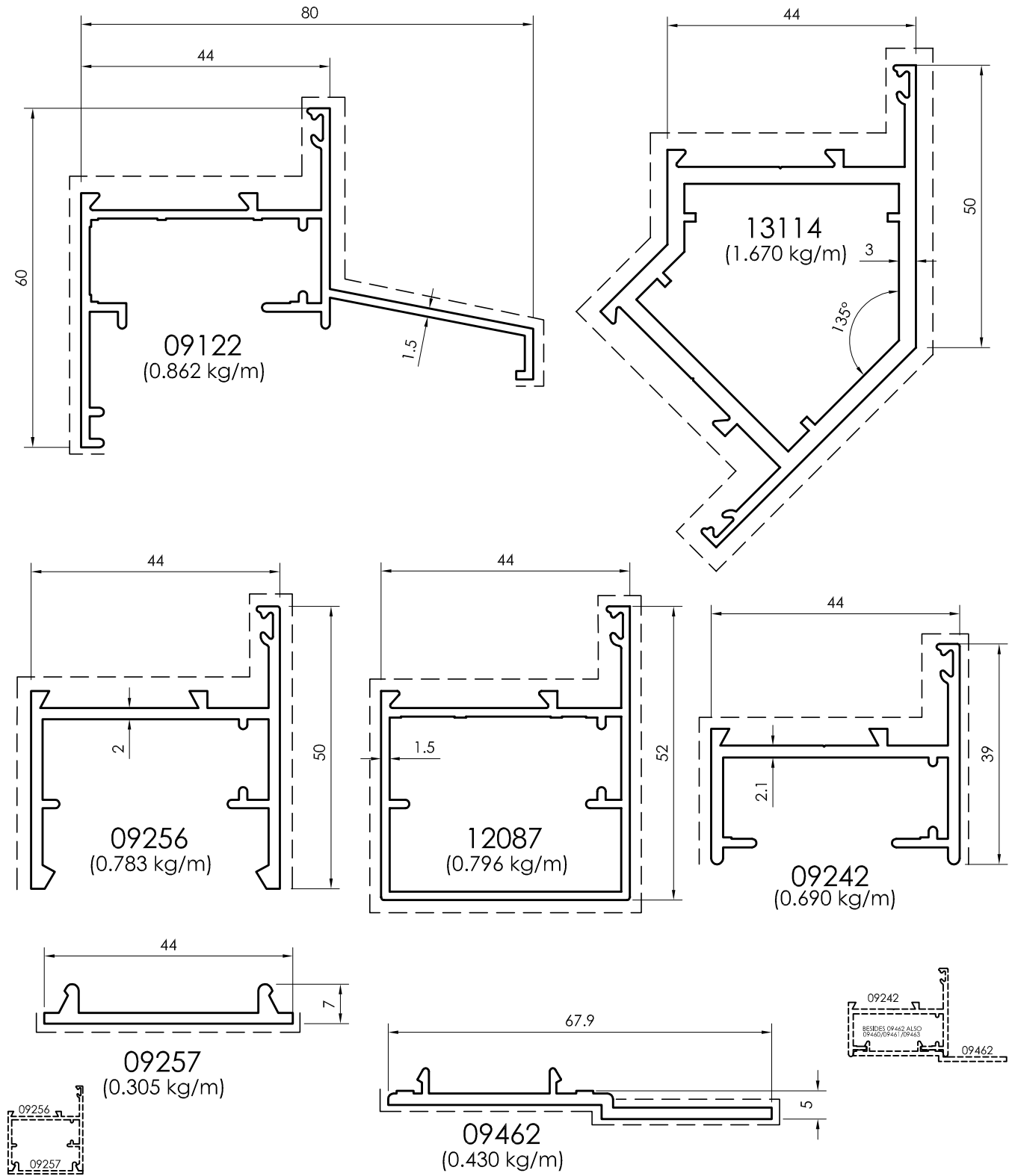
All dimensions in mm
Visible area_-----

Hinged Window / Door 44mm



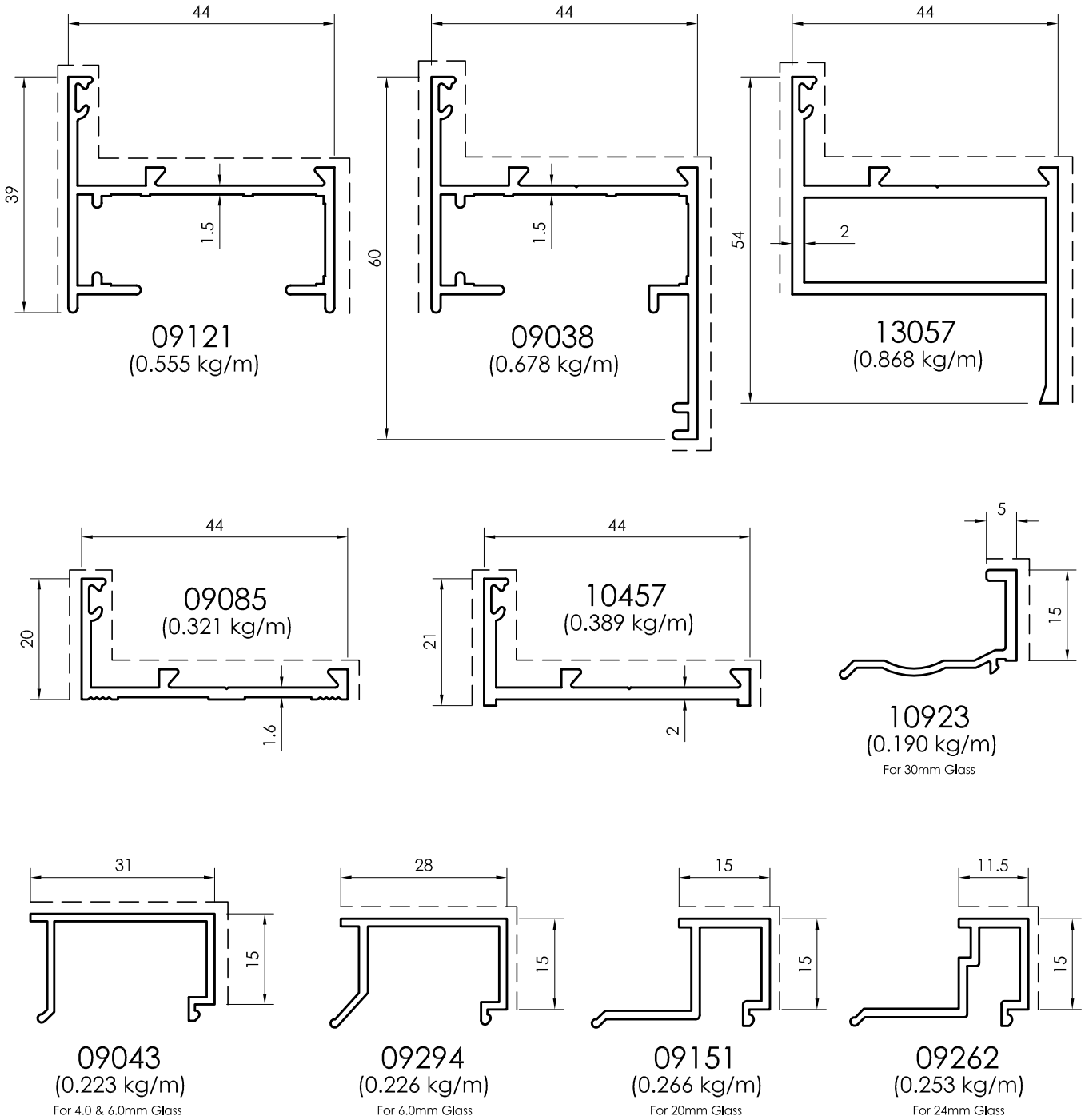
All dimensions in mm
----- Visible area

Hinged Window / Door 44mm



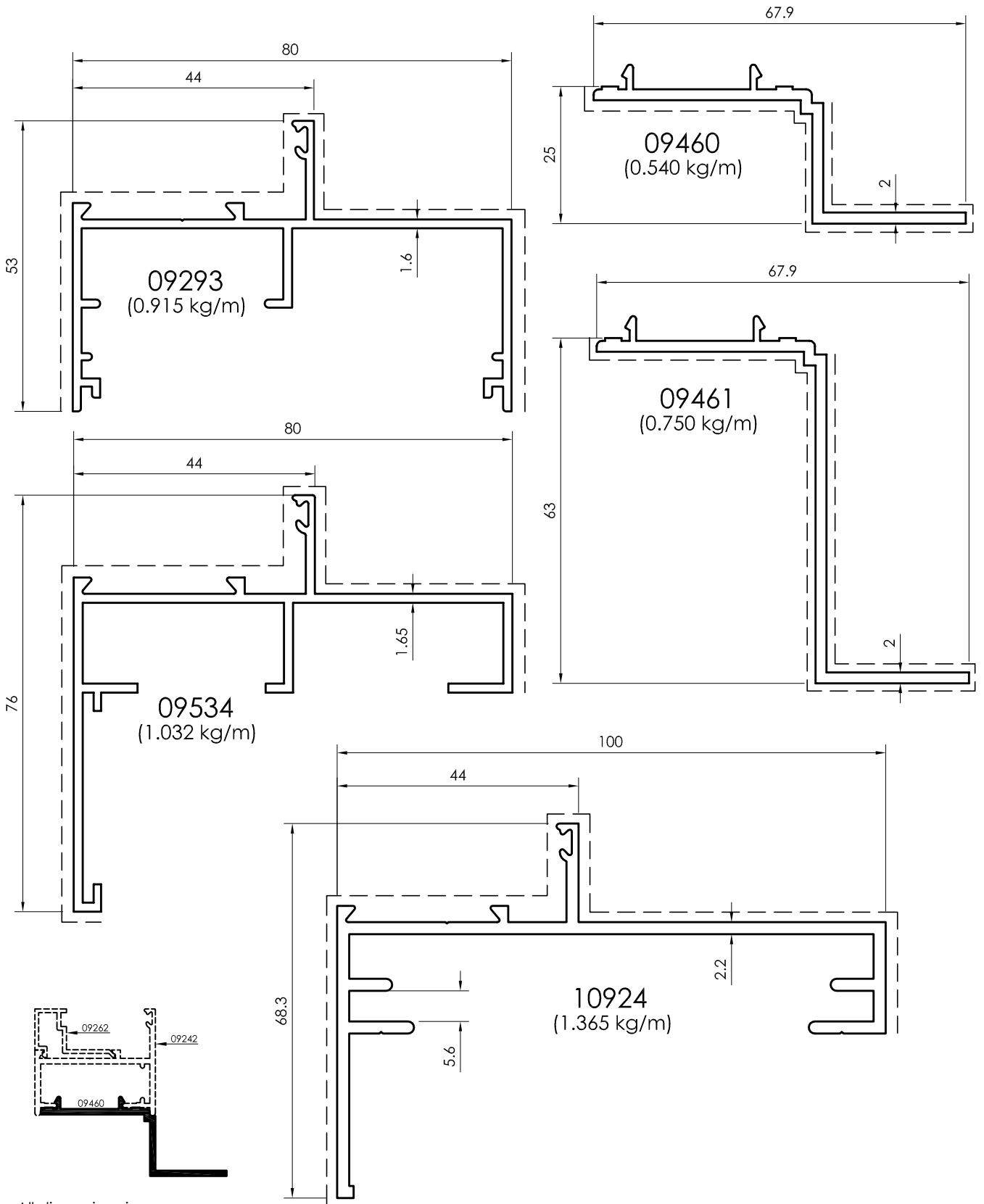
All dimensions in mm
Visible area_____

Hinged Window / Door 44mm



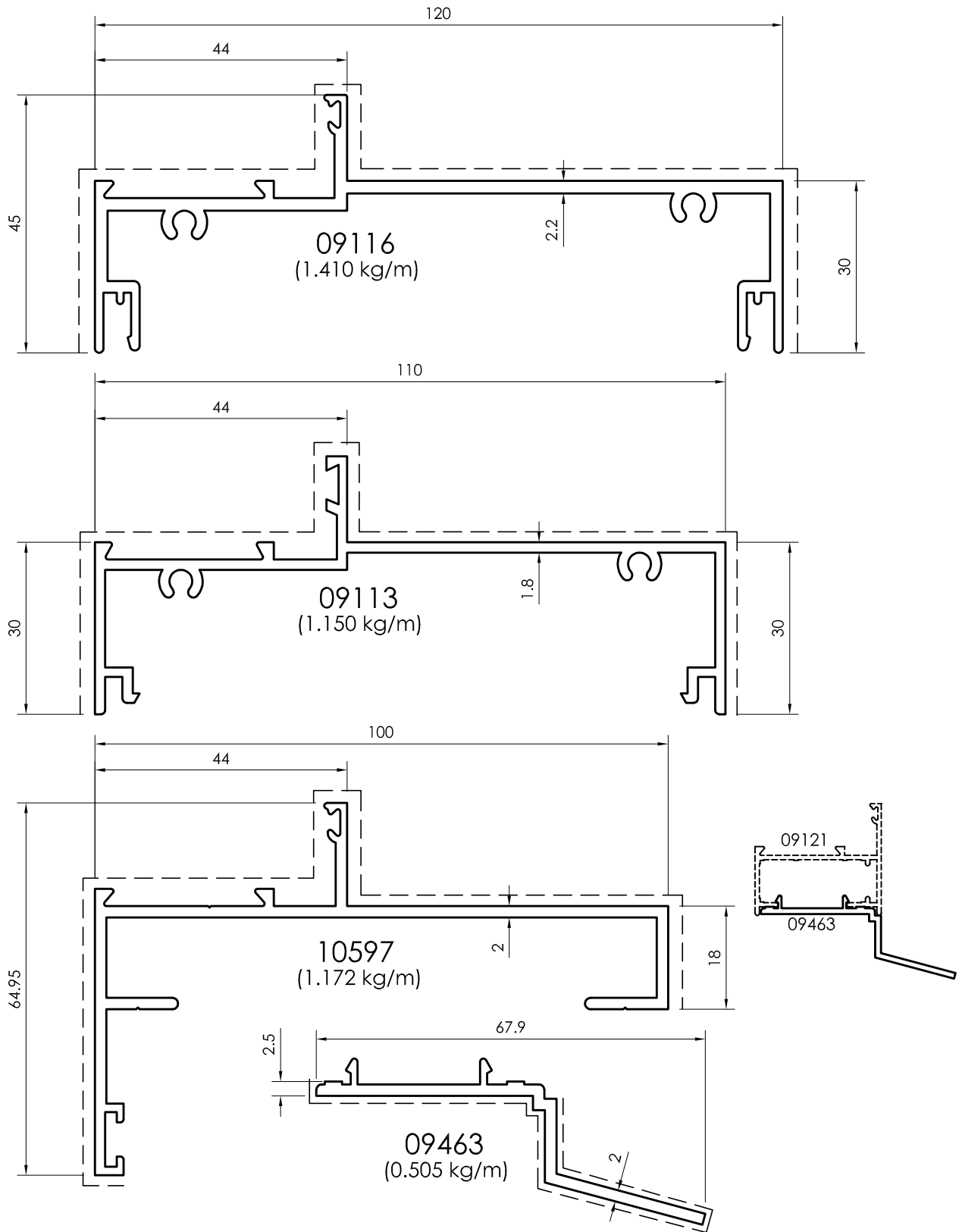
All dimensions in mm
 ----- Visible area

Hinged Window / Door 44mm



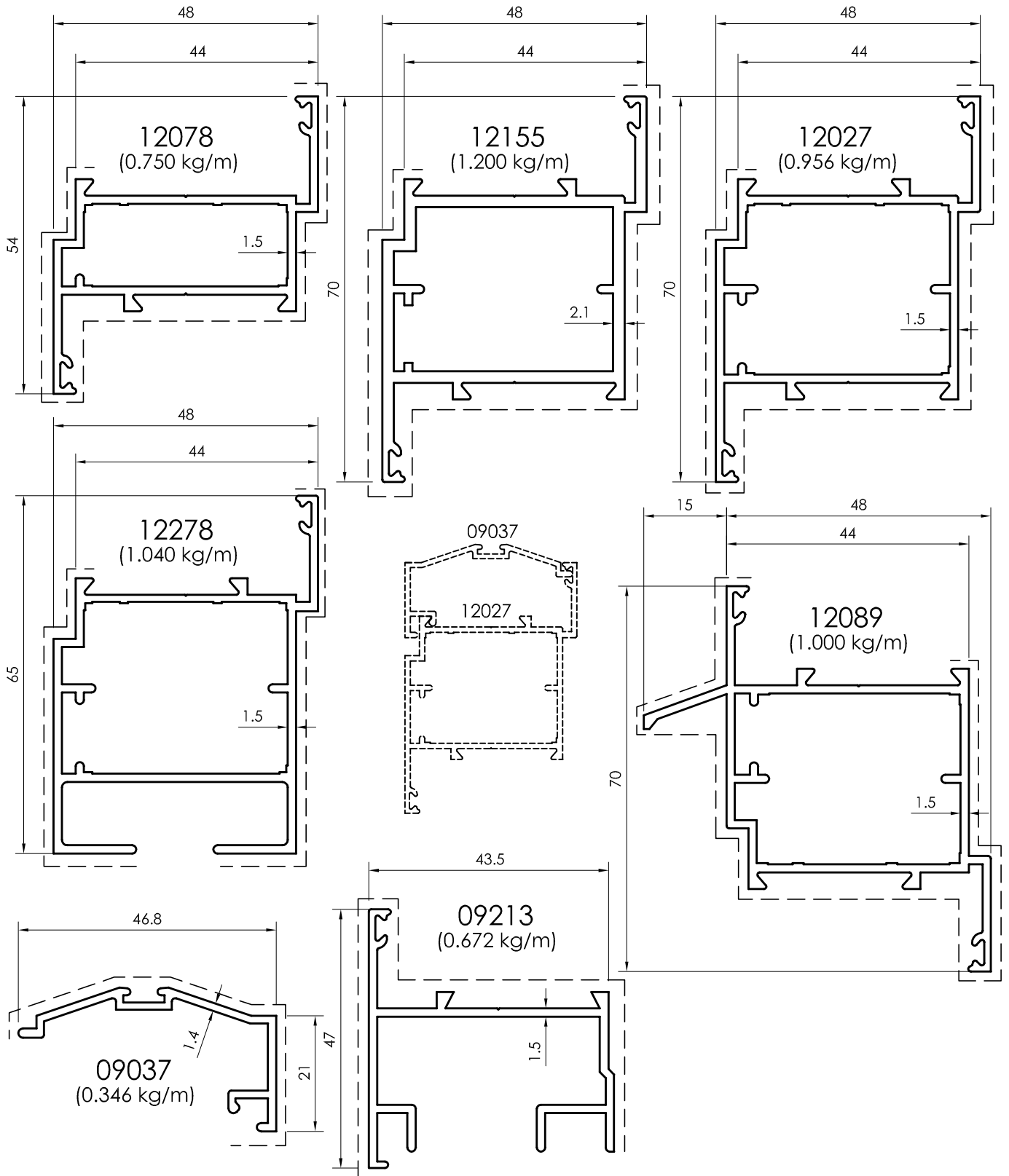
All dimensions in mm
Visible area_____

Hinged Window / Door 44mm



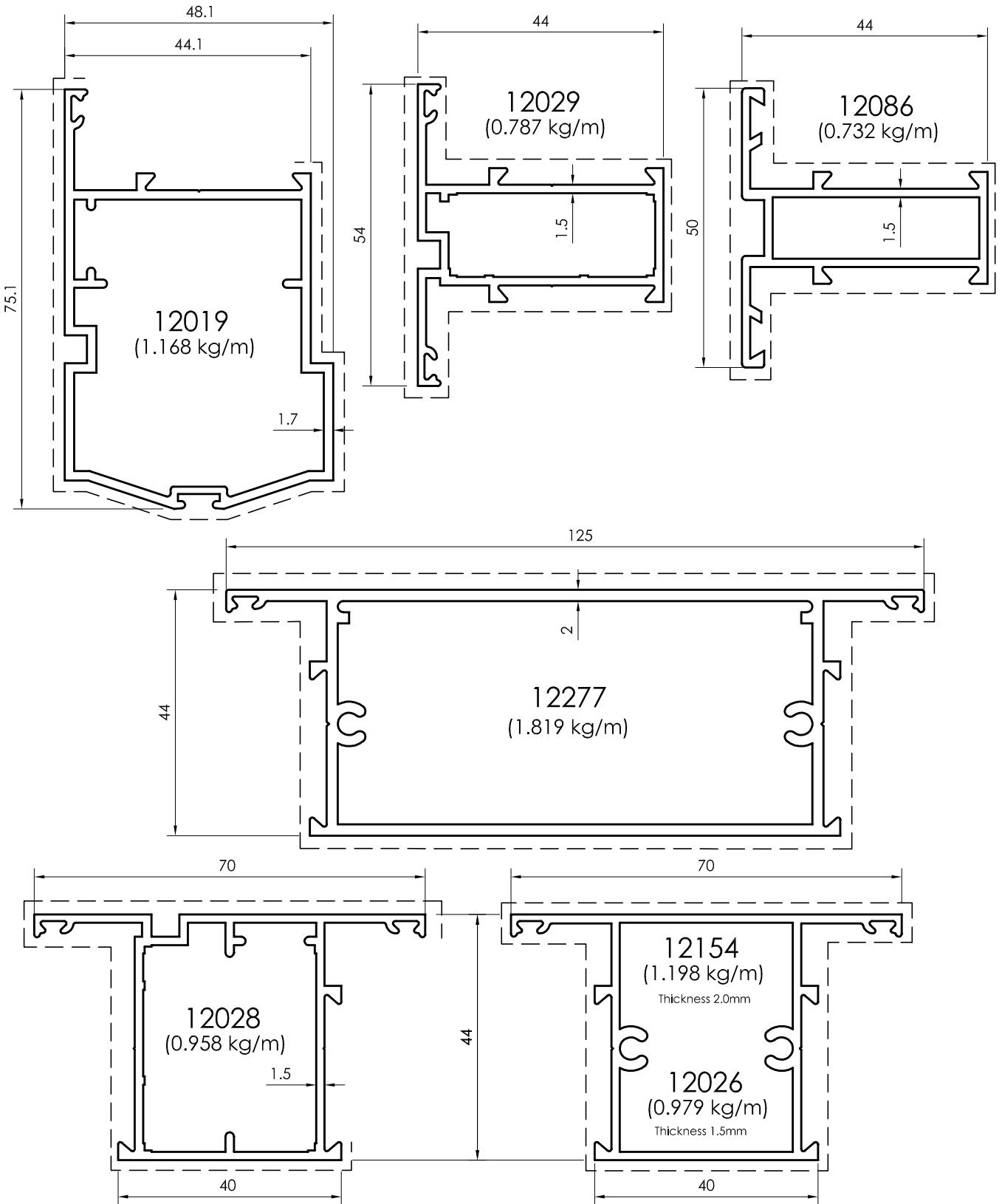
All dimensions in mm
 - - - - - Visible area

Hinged Window / Door 44mm



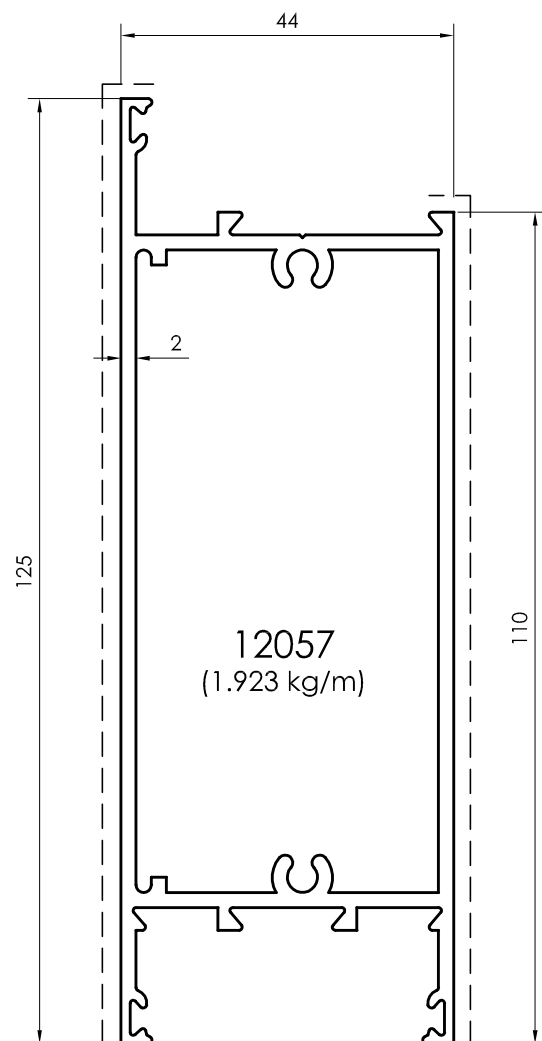
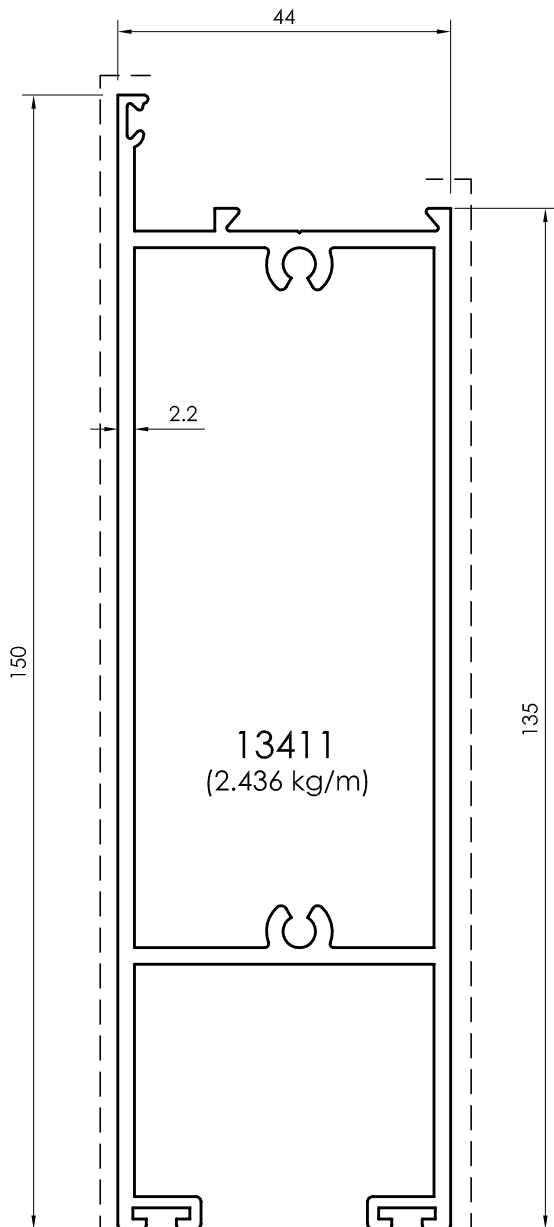
All dimensions in mm
Visible area_-----

Hinged Window / Door 44mm



All dimensions in mm
 - - - - - Visible area

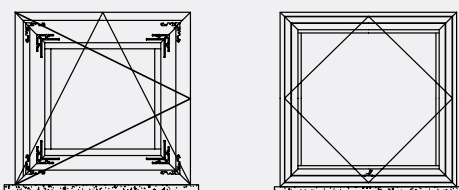
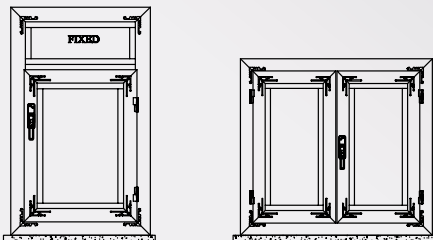
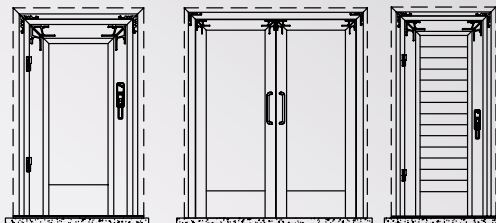
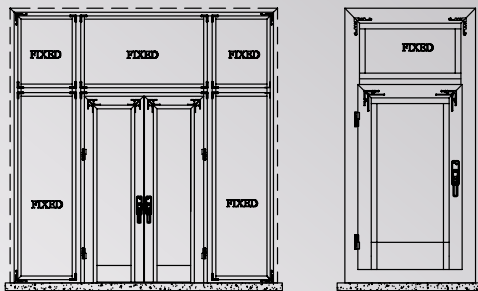
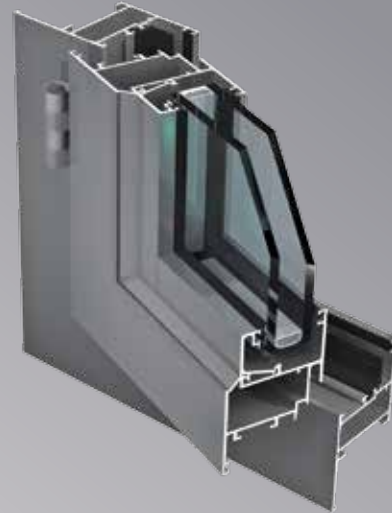
Hinged Door 44mm



All dimensions in mm
Visible area_-----

HINGED 45mm

- Features Glass - 4mm to 28mm
- Alloys - 6063 / 6060/ 6061 / 6082
- System Performance:
- Sliding 45mm has been tested at Al-Futtaim Exova
 - Air Infiltration ASTM E283-04
 - Water Penetration ASTM E331-00 (Static)
 - Wind Resistance ASTM E330-02 (Serviceability)
 - Wind Resistance ASTM E330-02 (Safety)
- Frame 45mm & 150mm
- Sash: 52mm
- The System can be inward and outward opening
- The System can be used for Door and Window
- The System covers Arch shape, Louvers, Pivot Window & Swing Door
- Assembly of the Frame & Sash cut 45°
- EPDM Gaskets
- Finishes:
 - Powder Coates
 - Anodizing
 - According to Shades available in Gulf Extrusions



The 45mm Gulf Ex. Hinged Series is a design concept to combine esthetics and performance. Full solution package is supported to fulfill the requirements to cover the needed applications. It is designed for heavy duty use according to the American National Standard. The results have been impressive. All profiles are available in all colors in order to meet today's modern architectural requirements. For better performance of the system, alignment cleats for the frame and shutter are used.

Specially designed EPDM Gaskets are made available with the system to enhance the performance and create easy assembly. Other accessories such as rollers and handles come as part of the system.

Sections:

The sections in Gulf Extrusions line are produced by extruding aluminum on a wide range of presses starting with 800 tons to 4400 tons press. They are made of aluminum alloy 6060, 6063, 6082 and 6005 according to British Standard Specification for extrusion Dimension Tolerances BS EN 755-9:2008 and BS EN 12020-2:2008.

Frame:

Strong cross sectional profile of 45mm, a wide range of frames are available to suit most of the required applications in the building codes.

Sash:

Tubular straight, elegant and stylish of 52mm width. A wide range is available to cover all the needed applications and glass thickness.

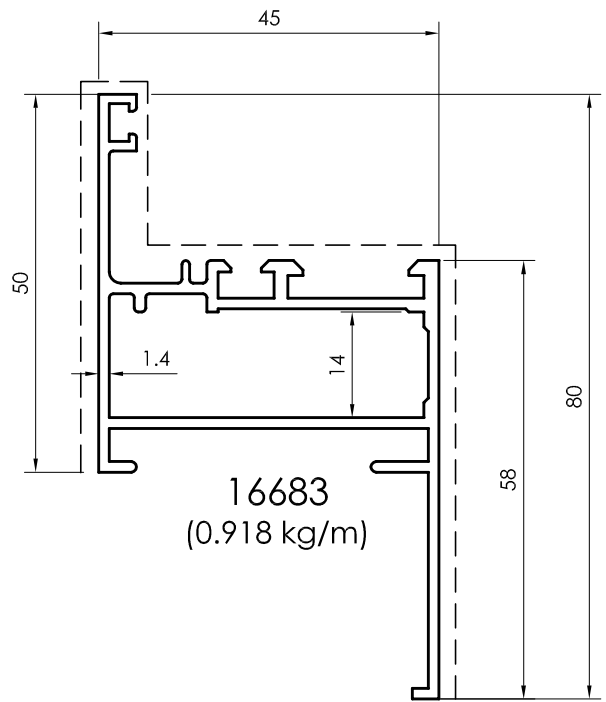
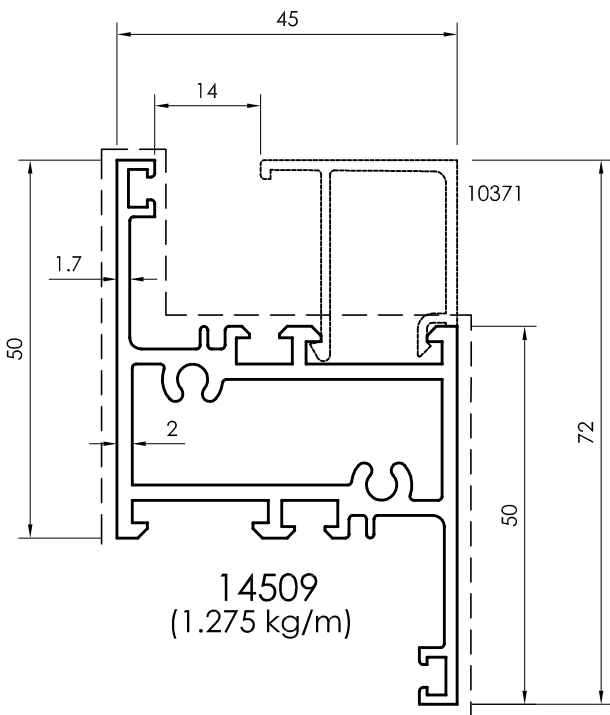
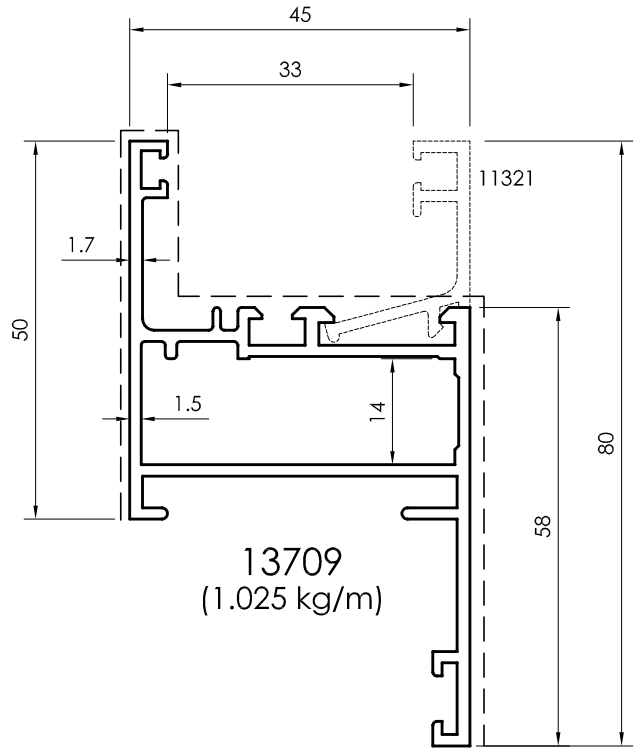
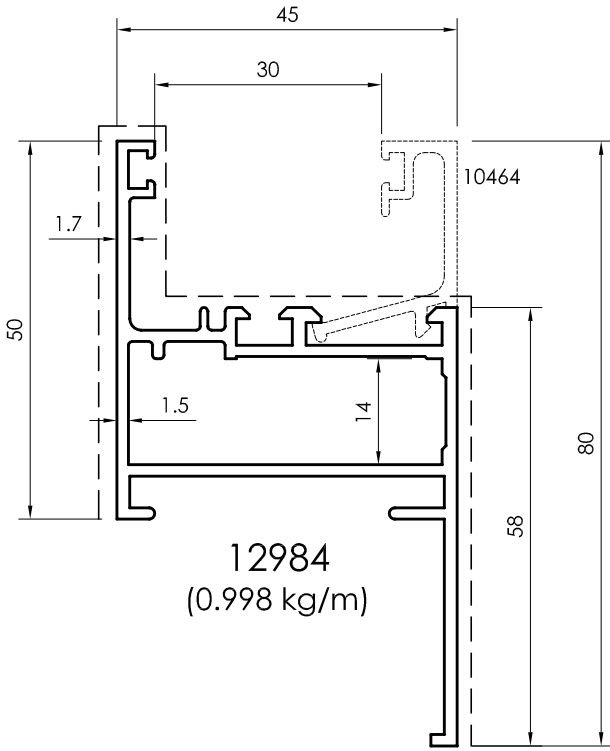
Assembly:

Assembly of the frames is done by 45° cut same as the sashes at a custom 45° cut. All of the mounting components are made of aluminum.

Glazing:

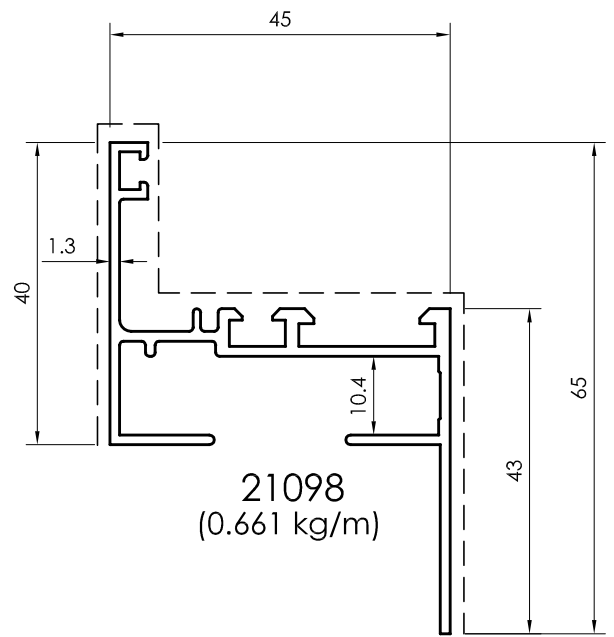
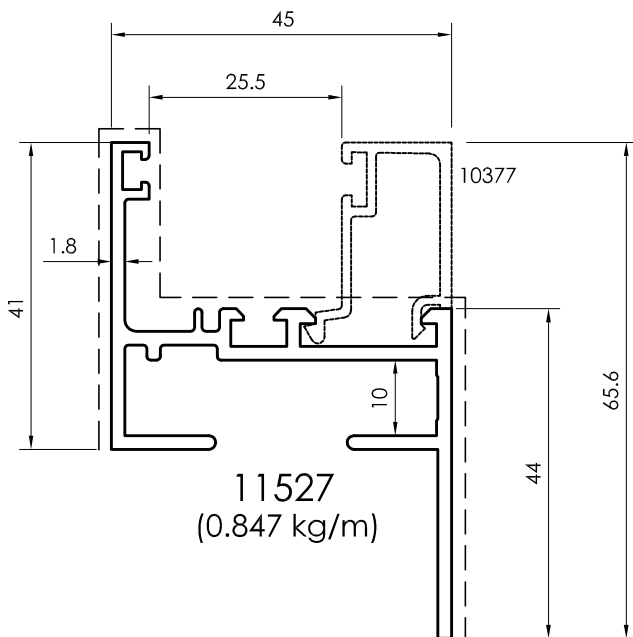
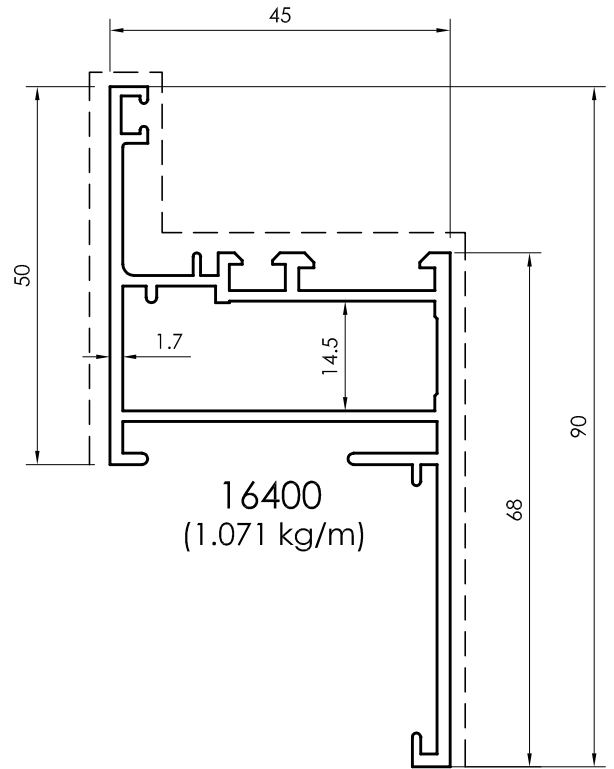
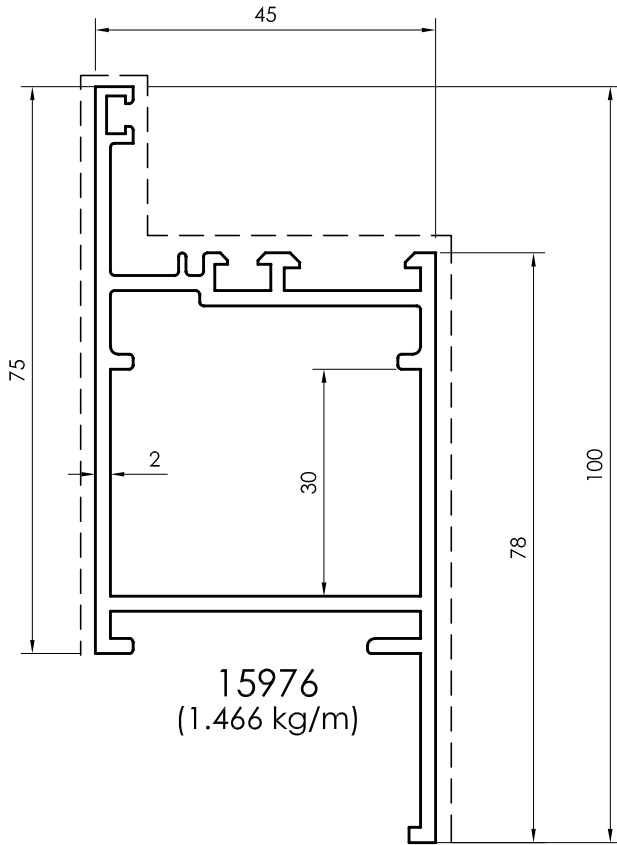
Standard or isolating from 4 to 28mm, maintained by two EPDM joints and bead clipped at a minimum height of 22 mm (back of groove) Bead must be on the inside of the installation. The System consists of a different frame and different sash profile that will be used on the four sides, where this system provides the options for inward and outward opening. The System covers arch shapes, louvers, pivot windows and swing doors.

Frame Profiles



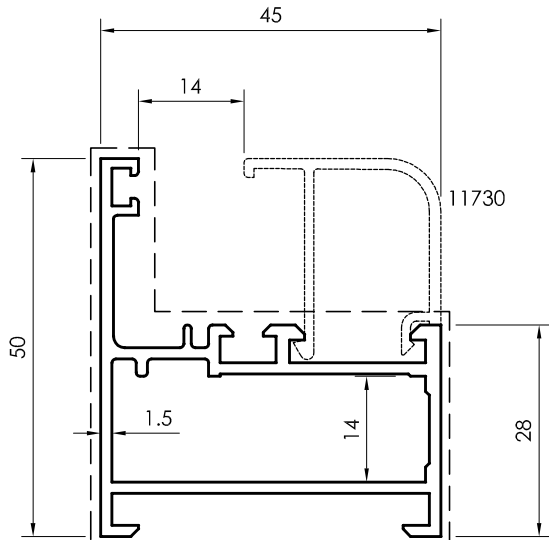
All dimensions in mm
Visible area_____

Frame Profiles

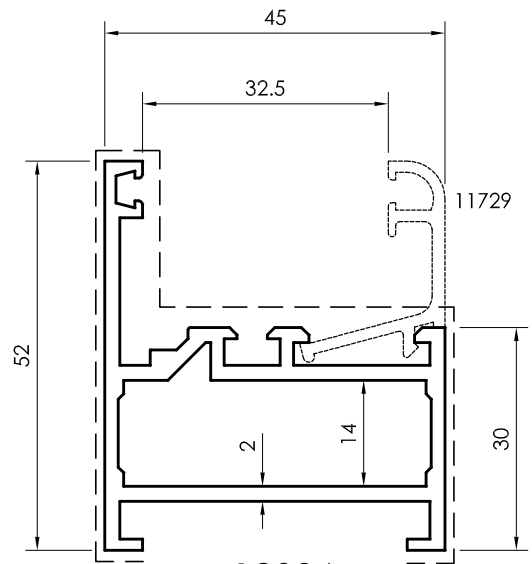


All dimensions in mm
 - - - - - Visible area

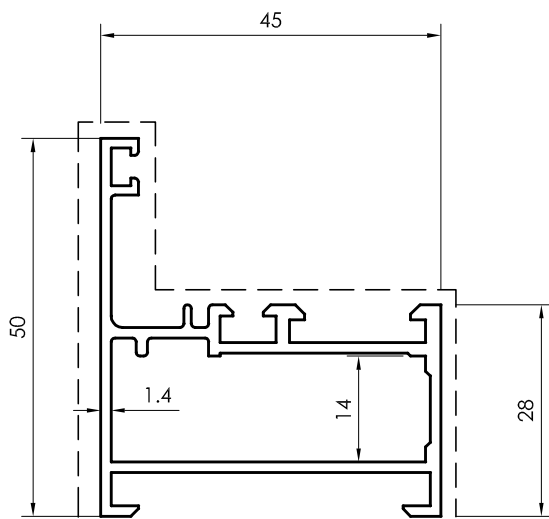
Frame Profiles



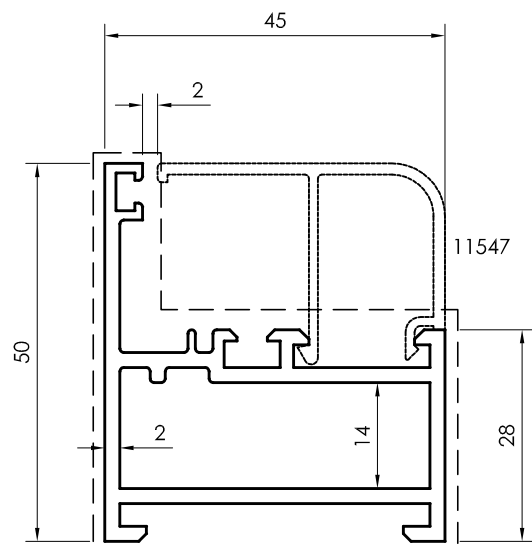
12983
(0.828 kg/m)



12936
(1.036 kg/m)



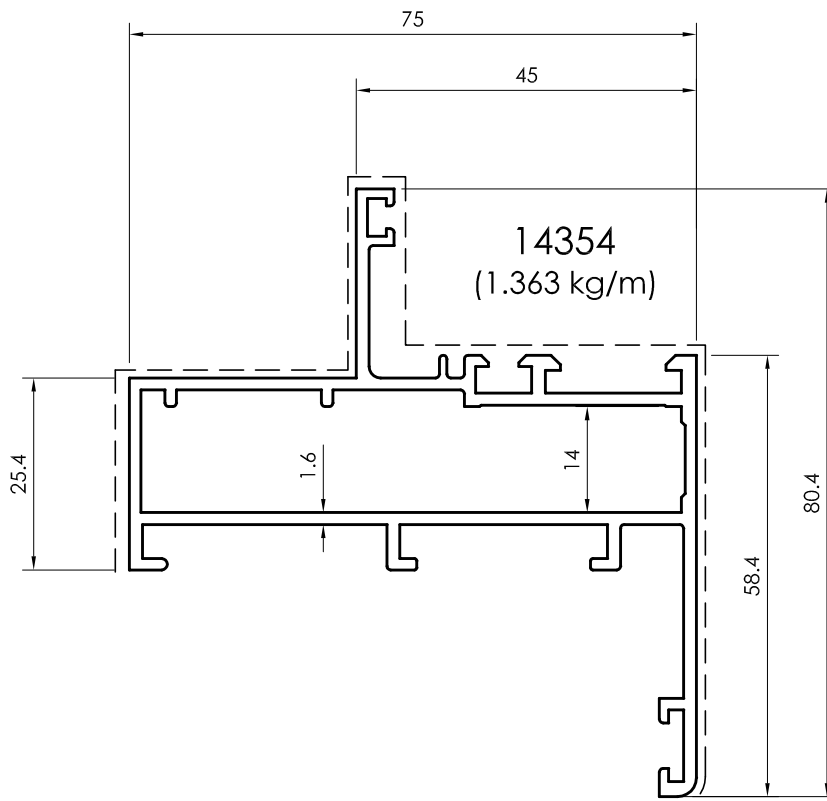
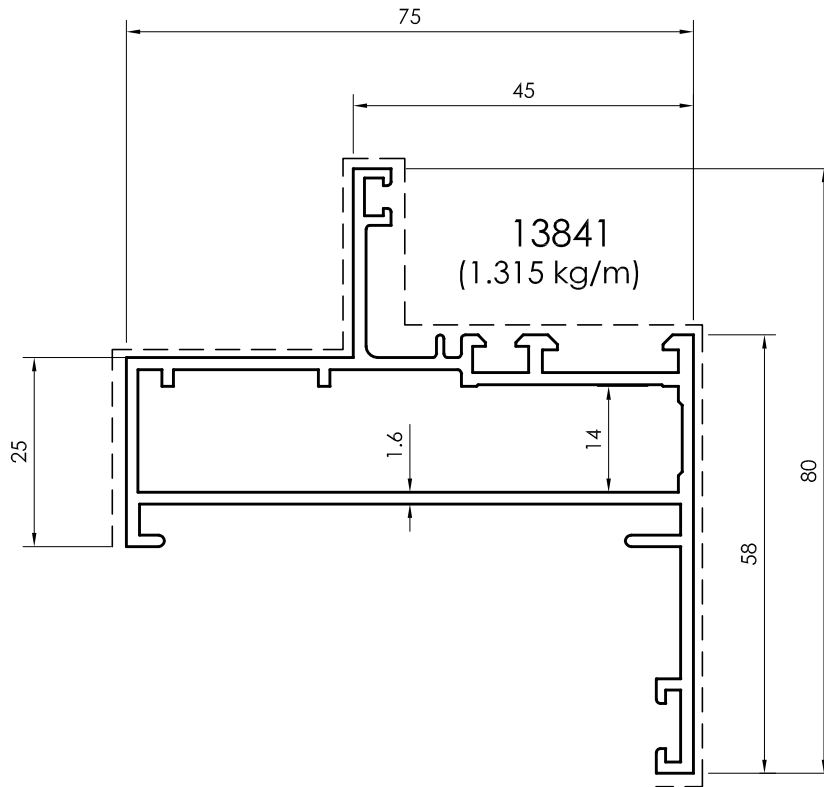
16682
(0.780 kg/m)



14956
(1.013 kg/m)

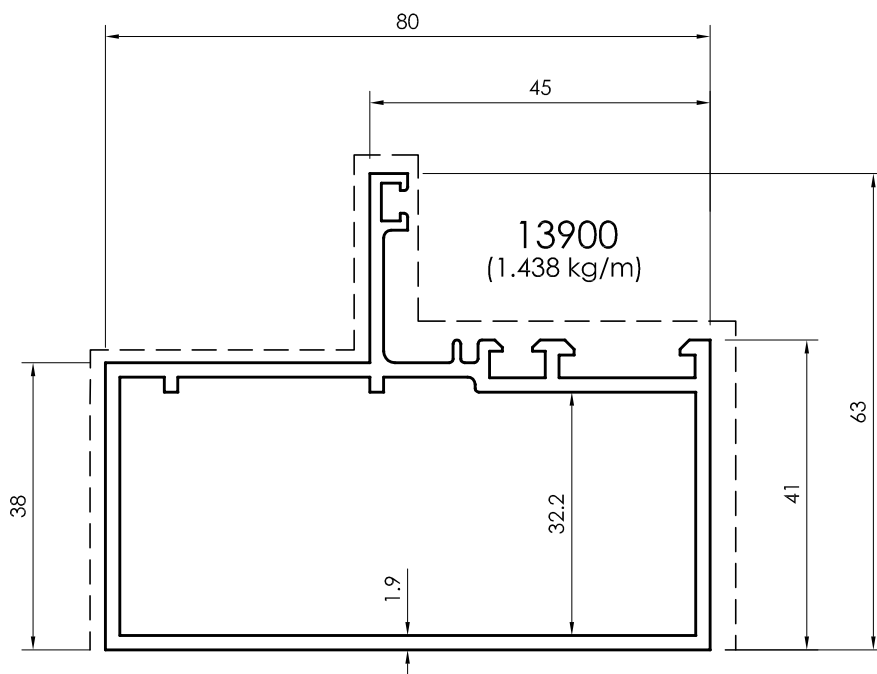
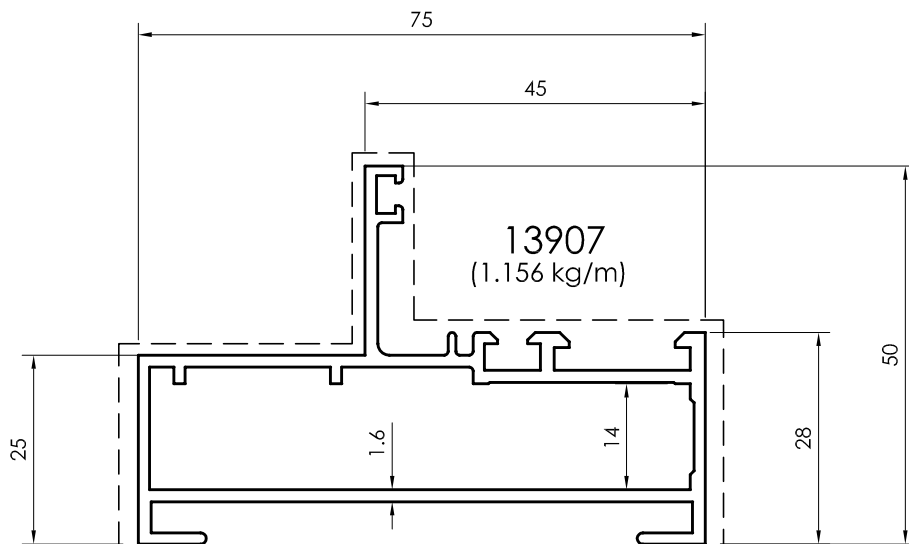
All dimensions in mm
Visible area_____

Frame Profiles



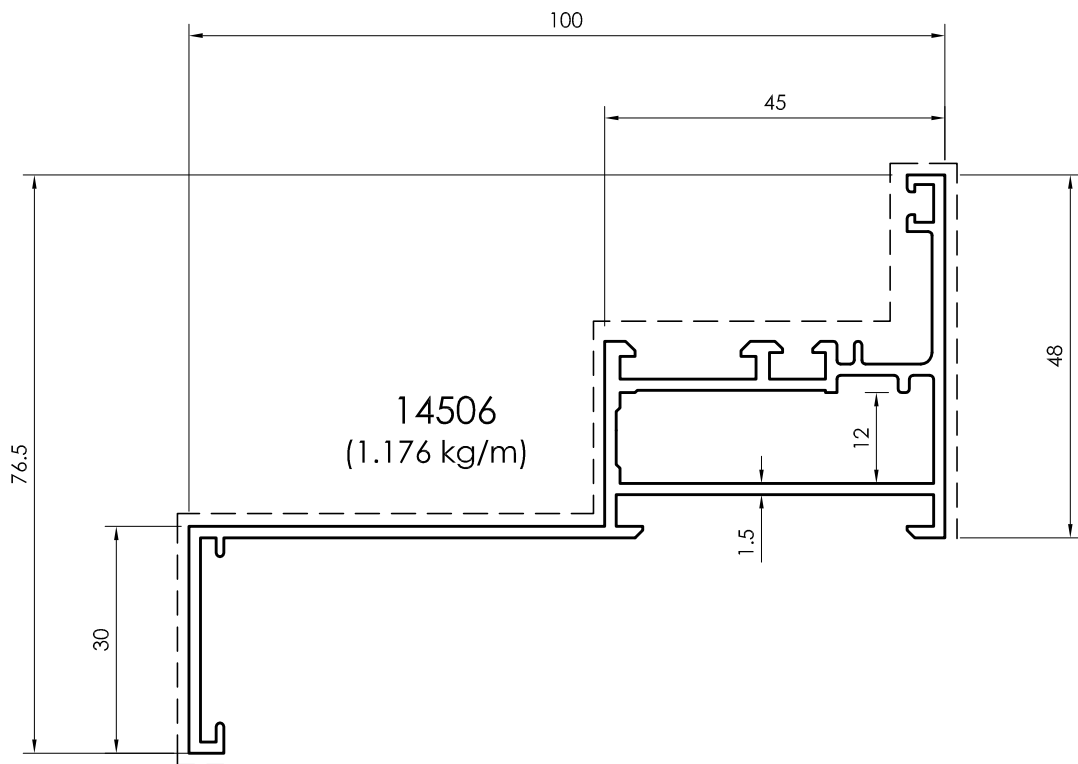
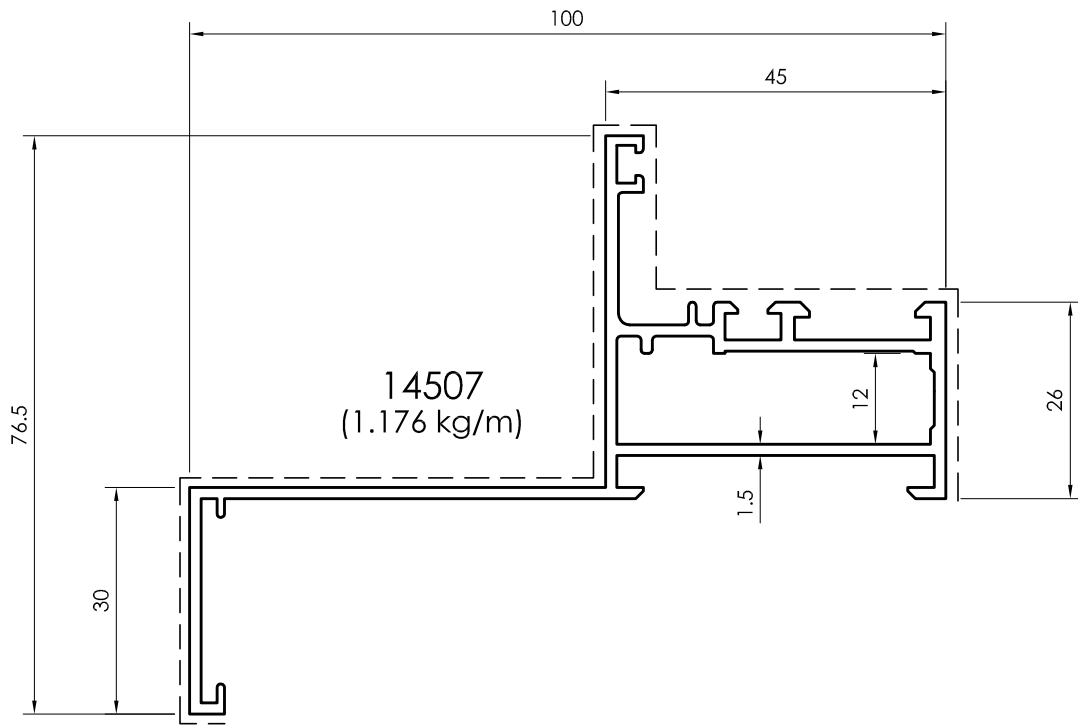
All dimensions in mm
----- Visible area

Frame Profiles



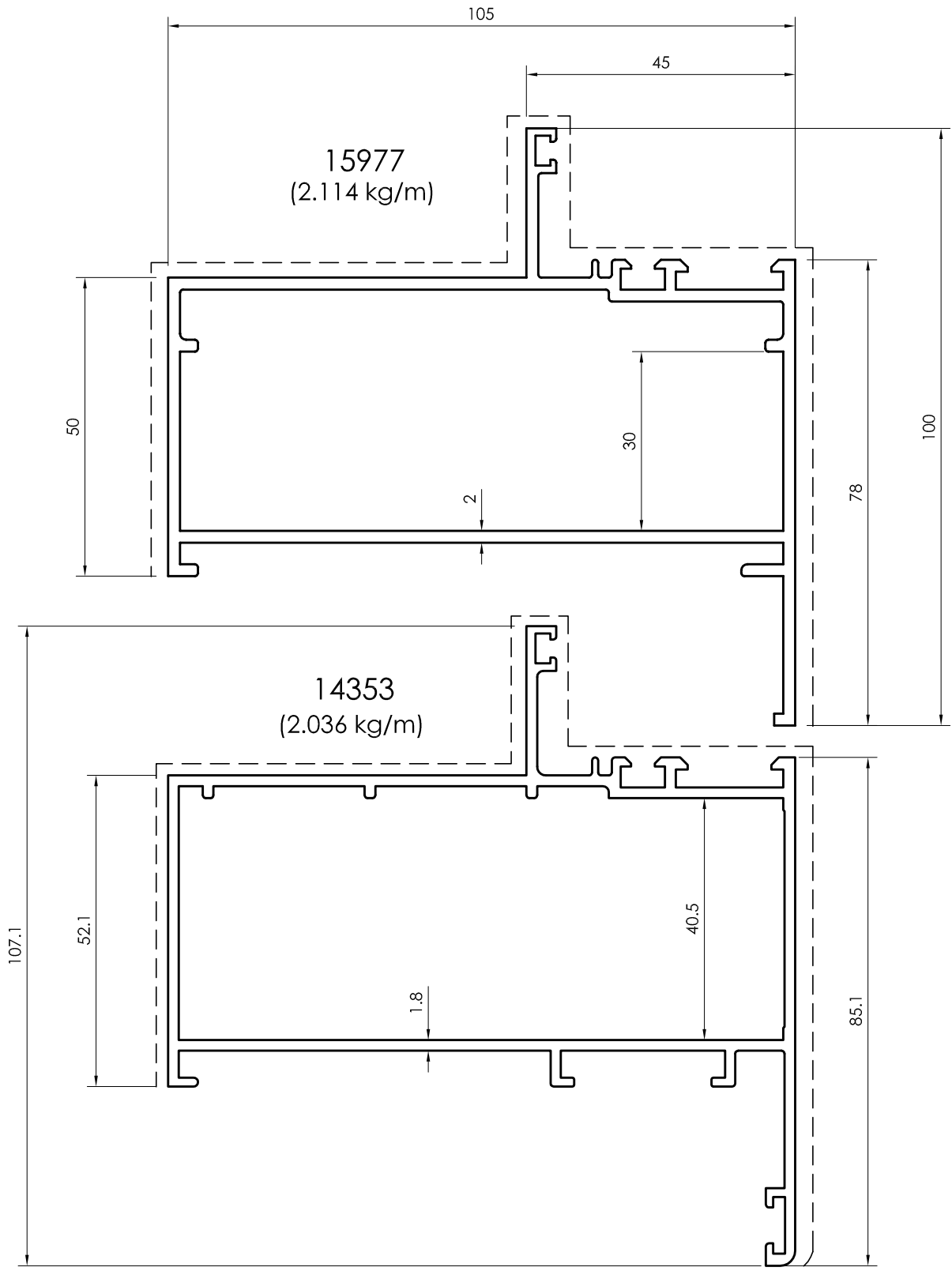
All dimensions in mm
Visible area_____

Frame Profiles



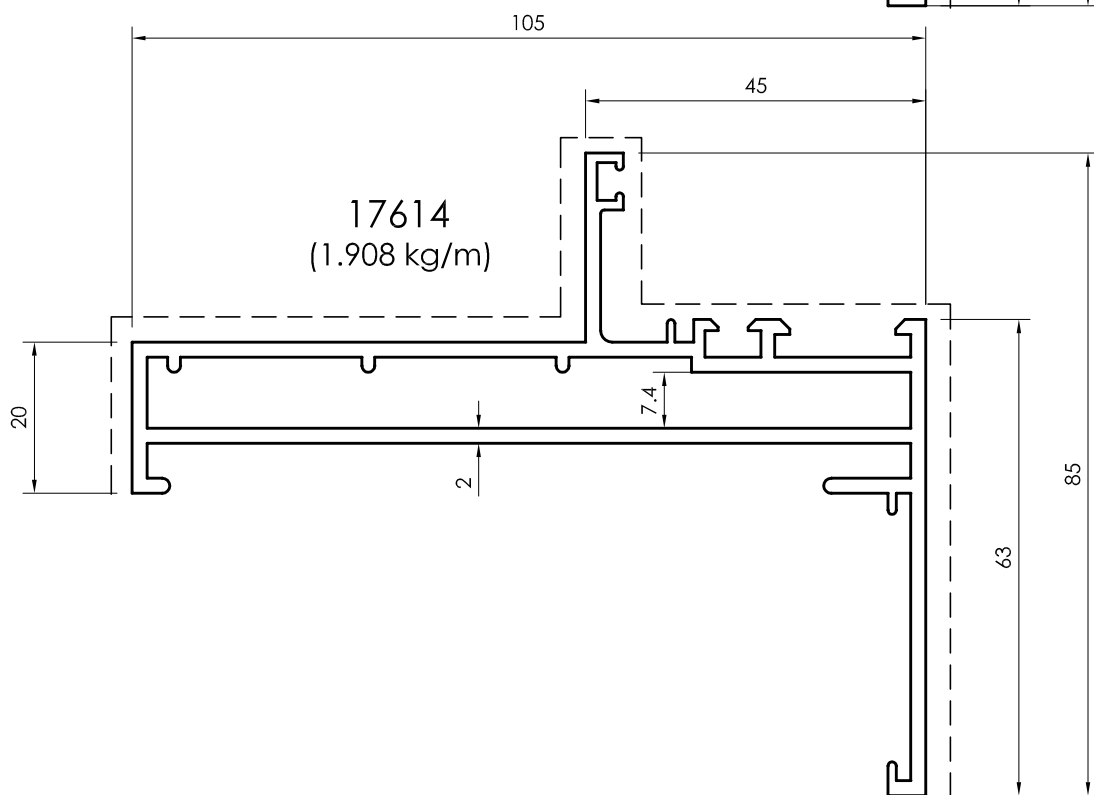
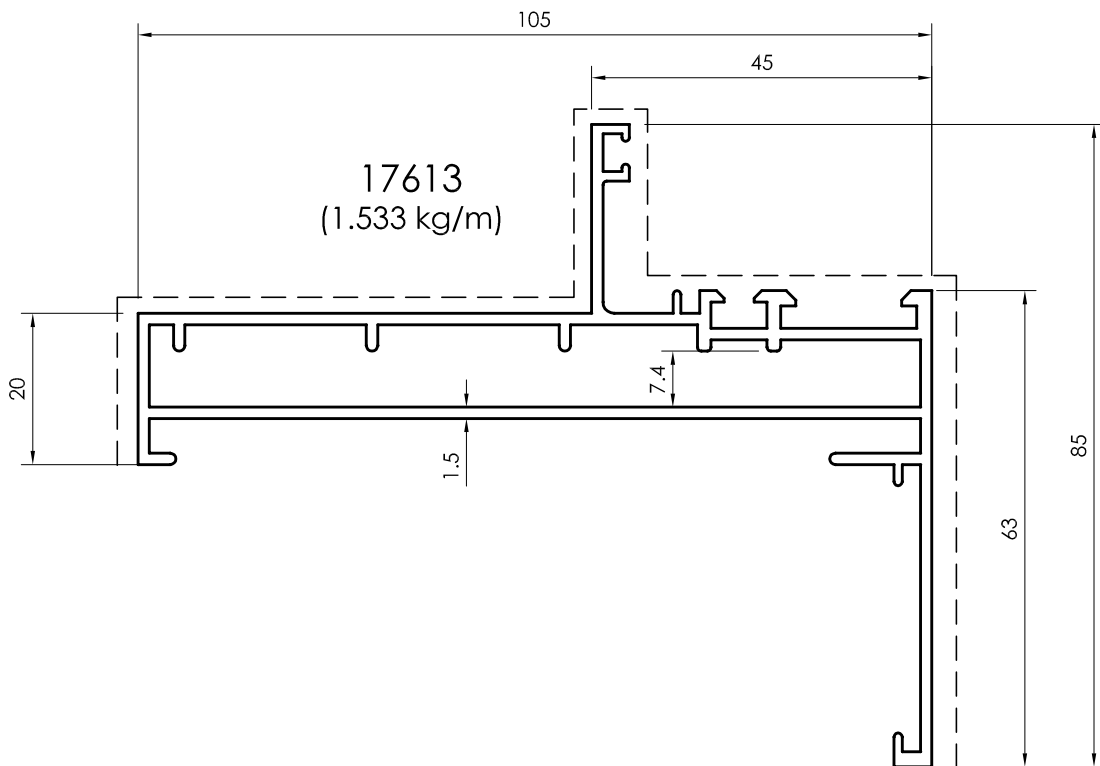
All dimensions in mm
 ----- Visible area

Frame Profiles



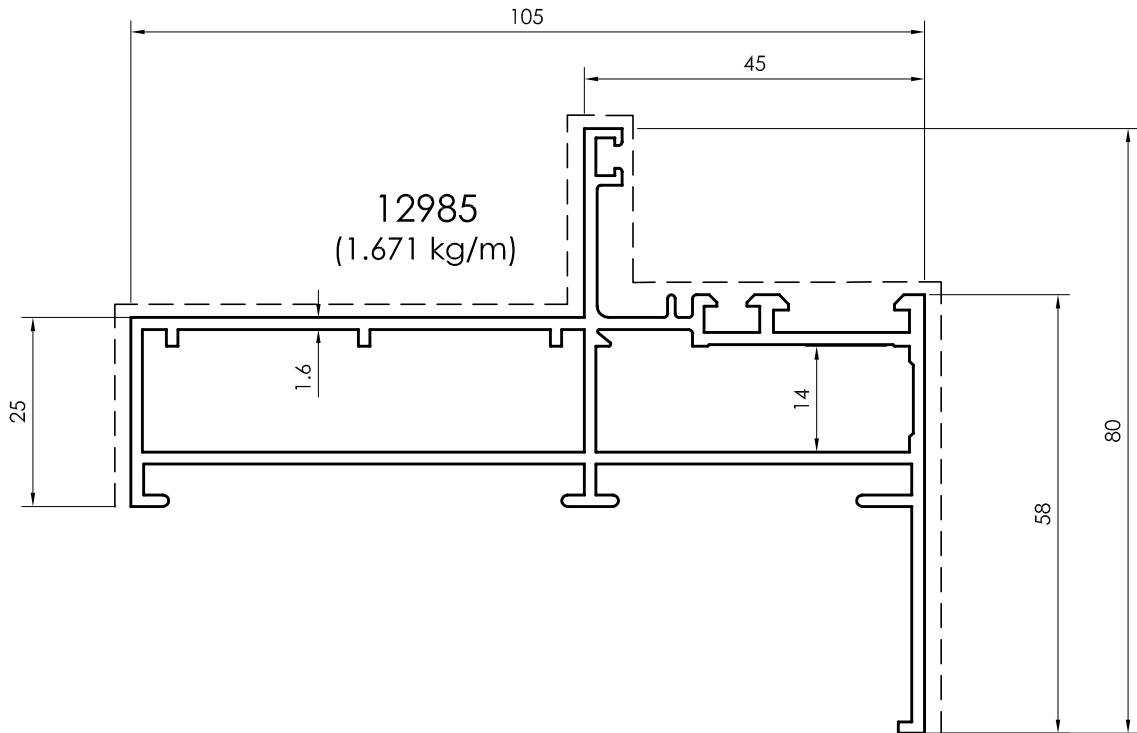
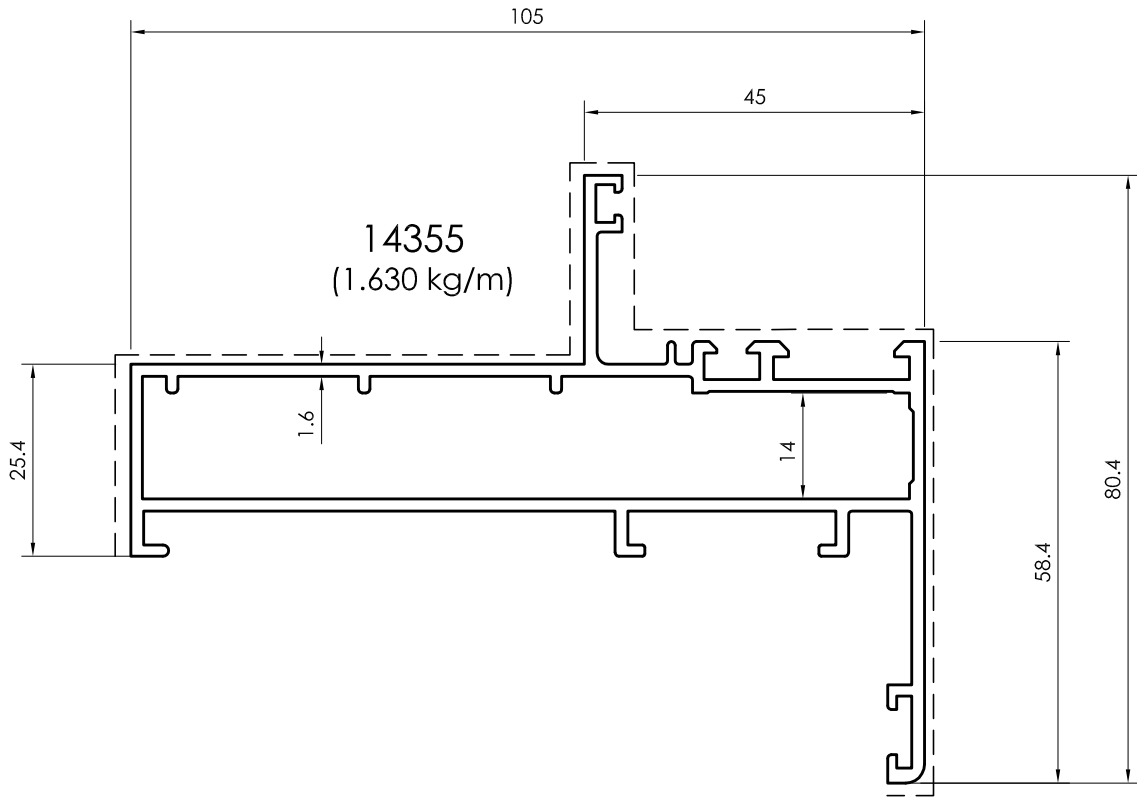
All dimensions in mm
Visible area_-----

Frame Profiles



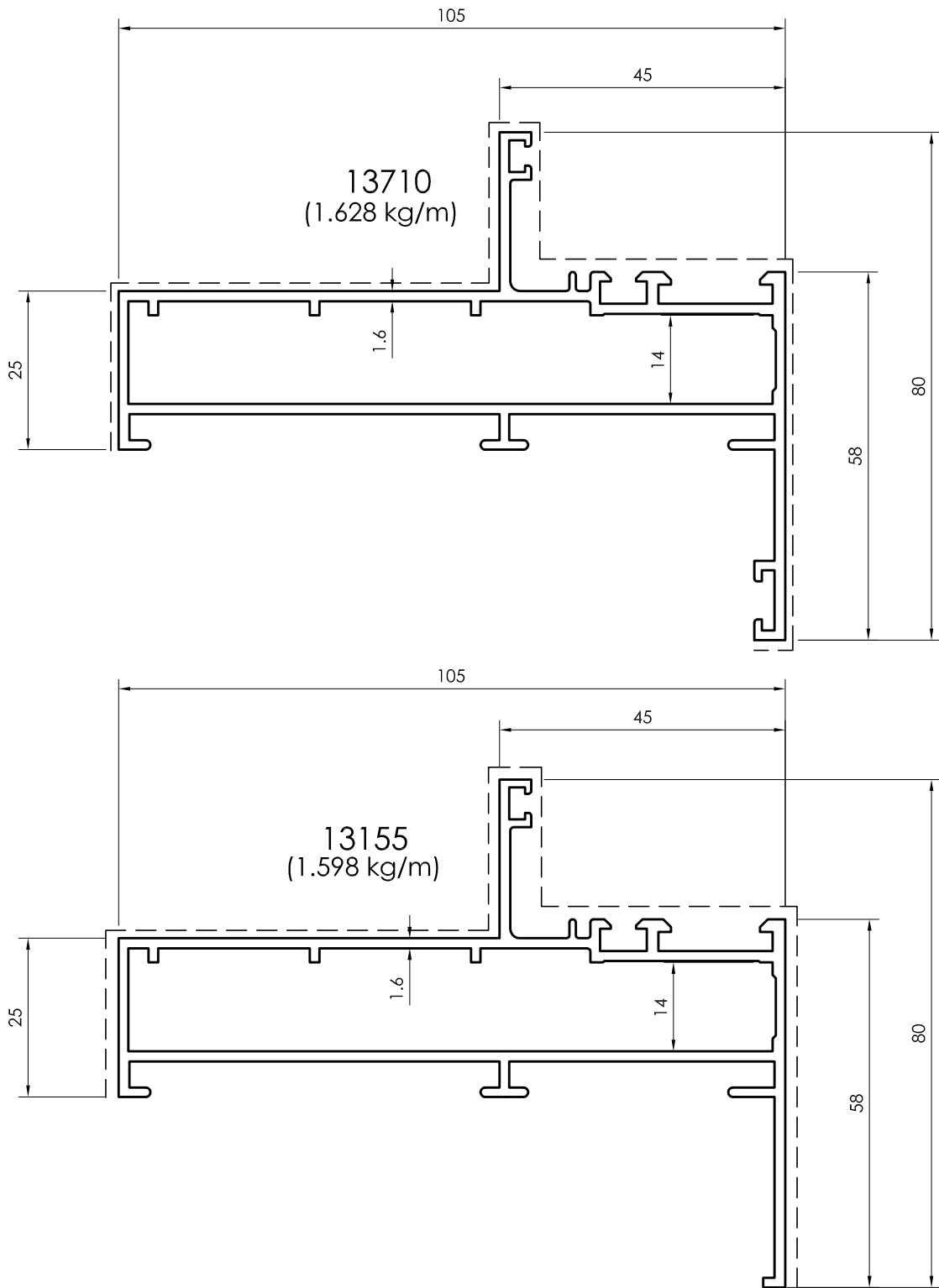
All dimensions in mm
 ----- Visible area

Frame Profiles



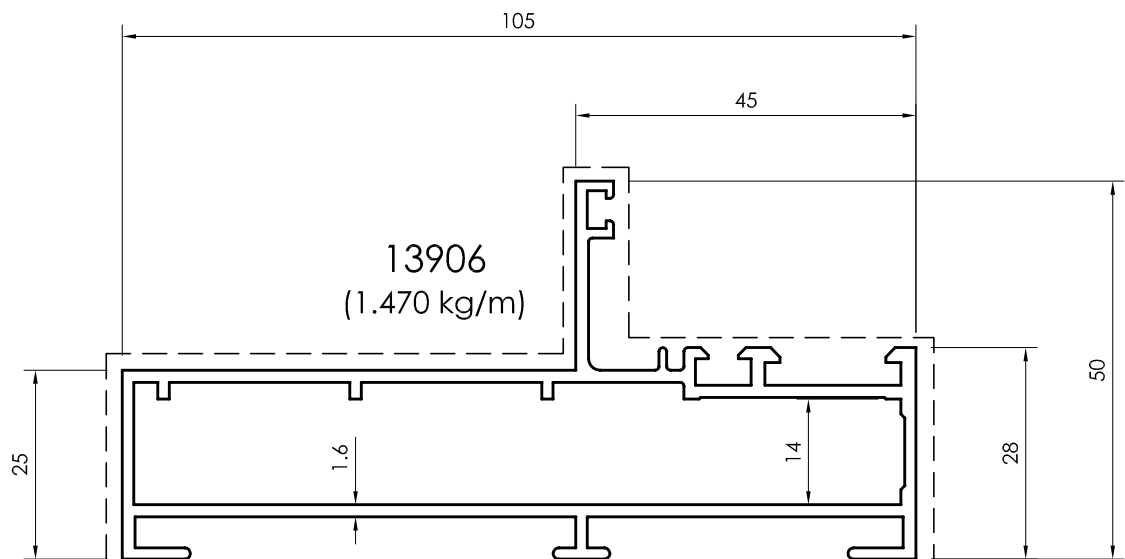
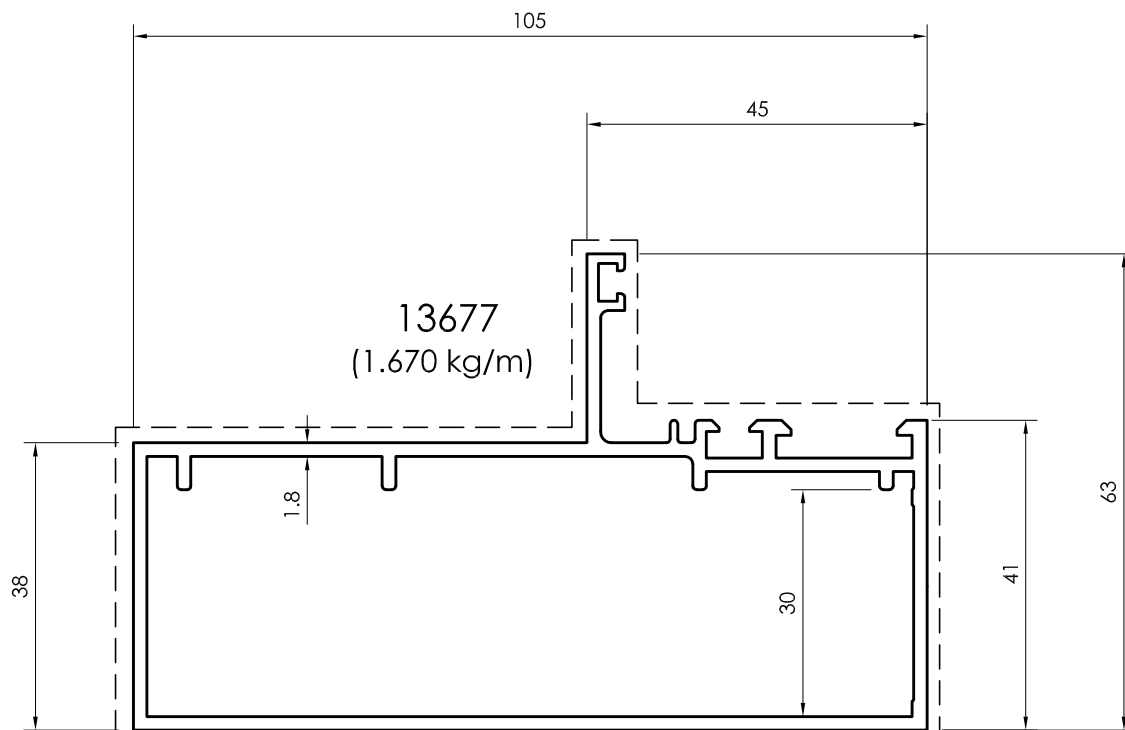
All dimensions in mm
Visible area_____

Frame Profiles



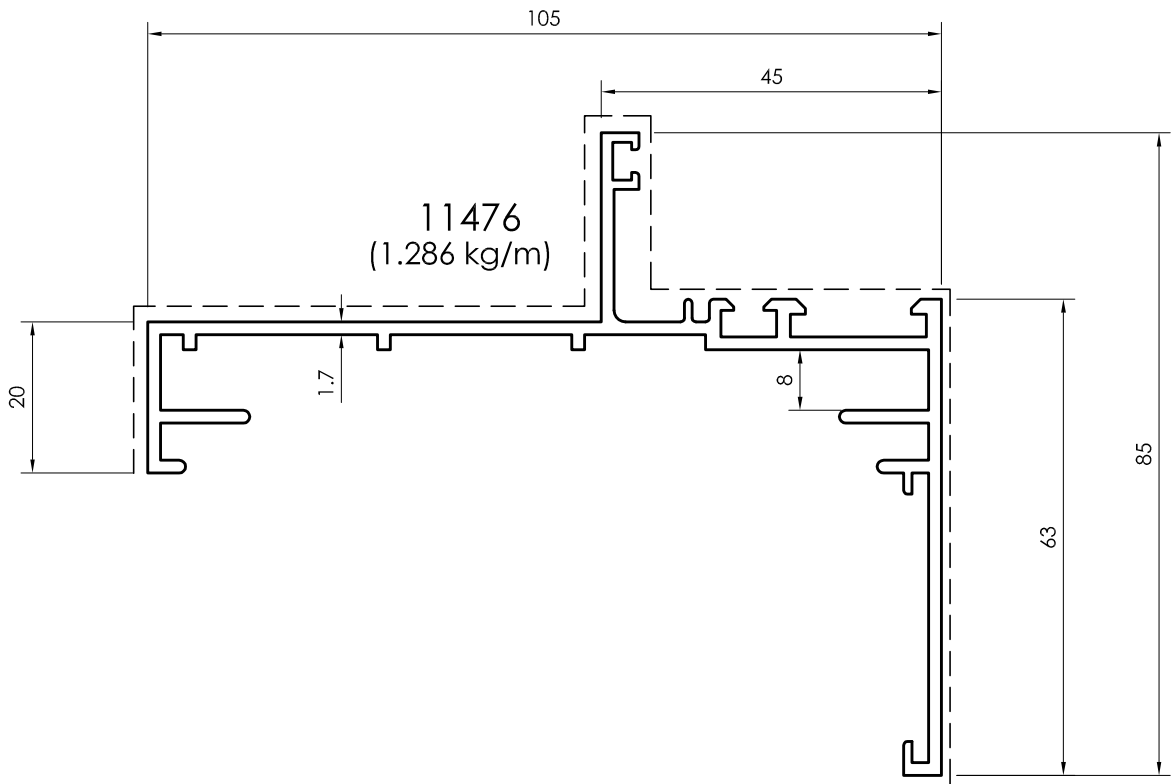
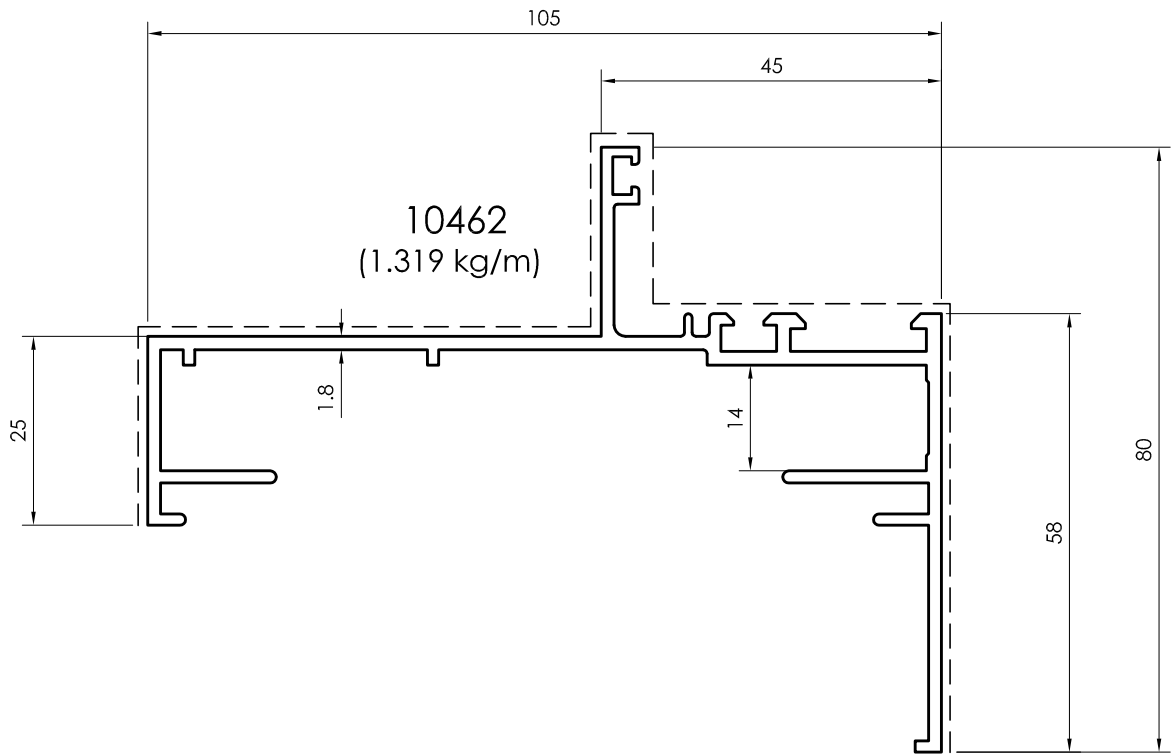
All dimensions in mm
----- Visible area

Frame Profiles



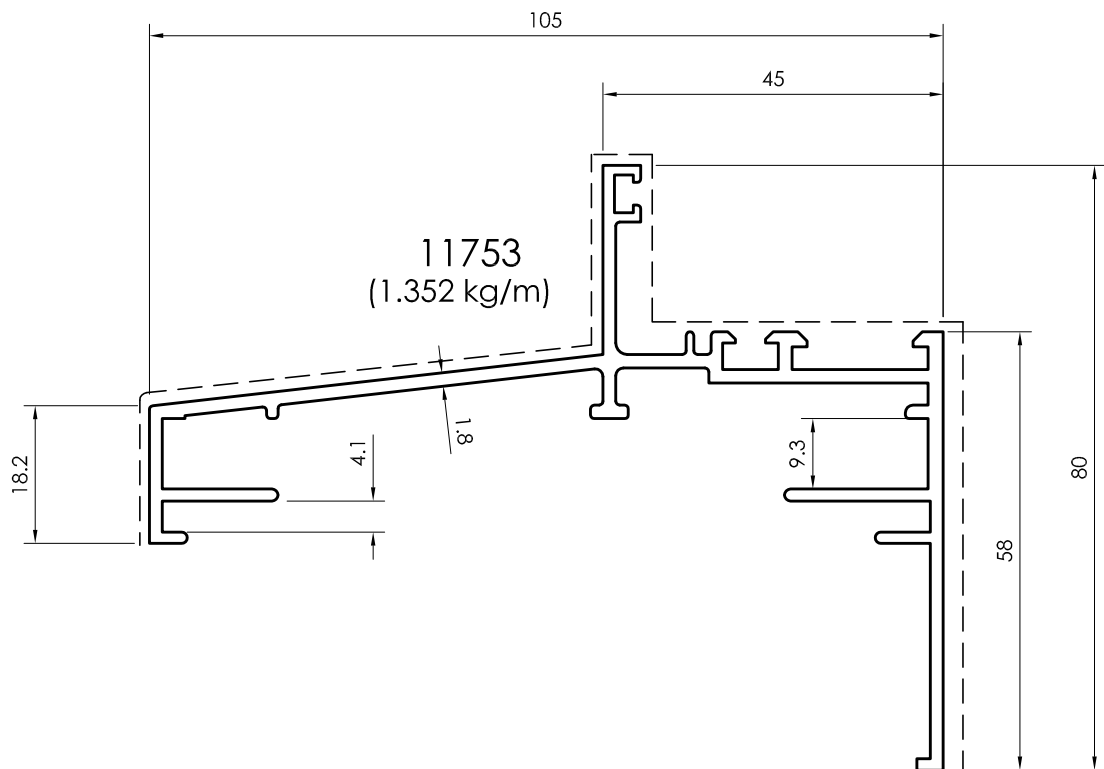
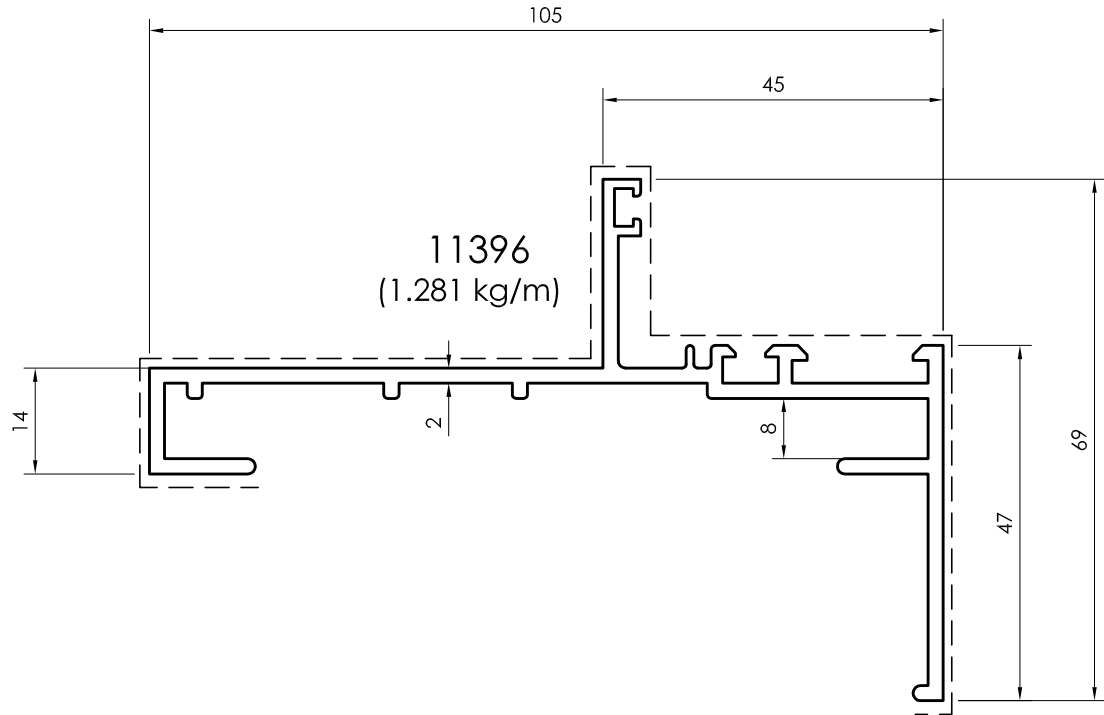
All dimensions in mm
Visible area_-----

Frame Profiles



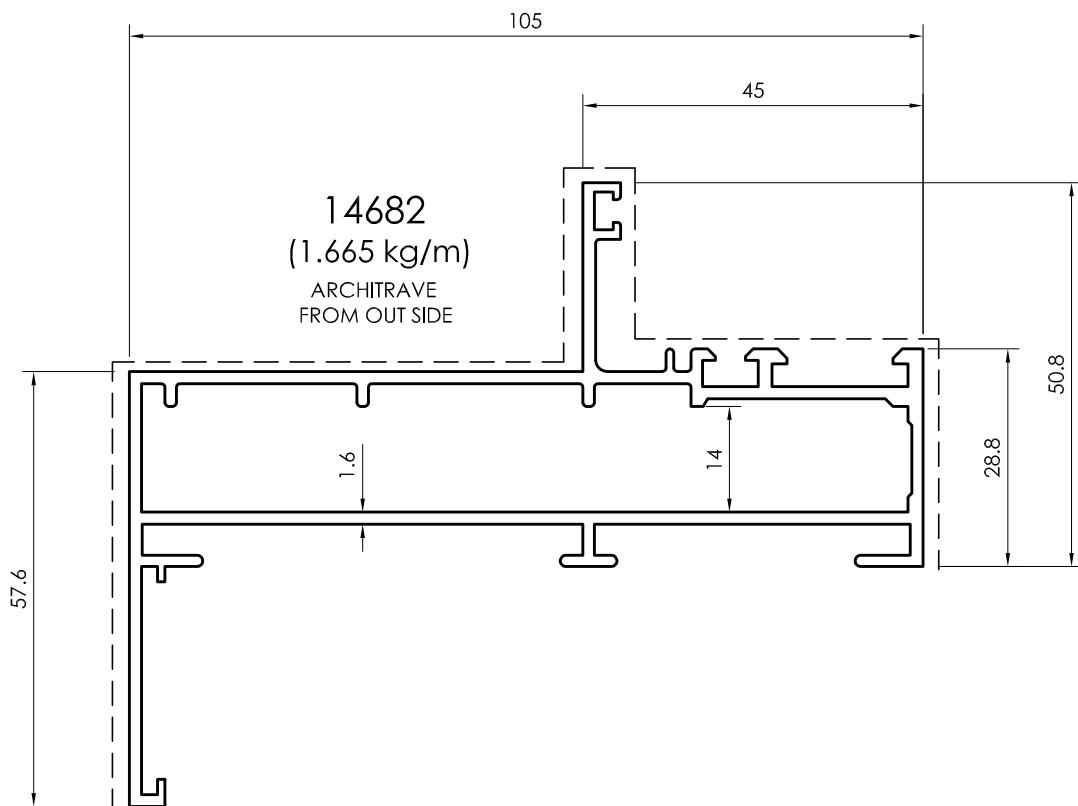
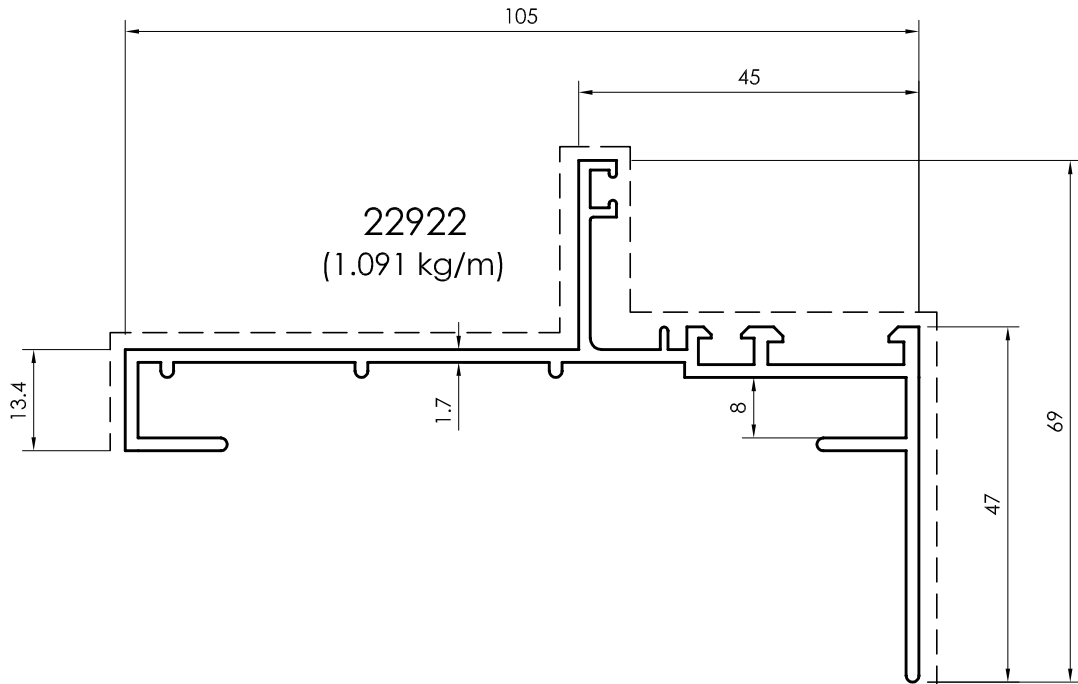
All dimensions in mm
 - - - - - Visible area

Frame Profiles



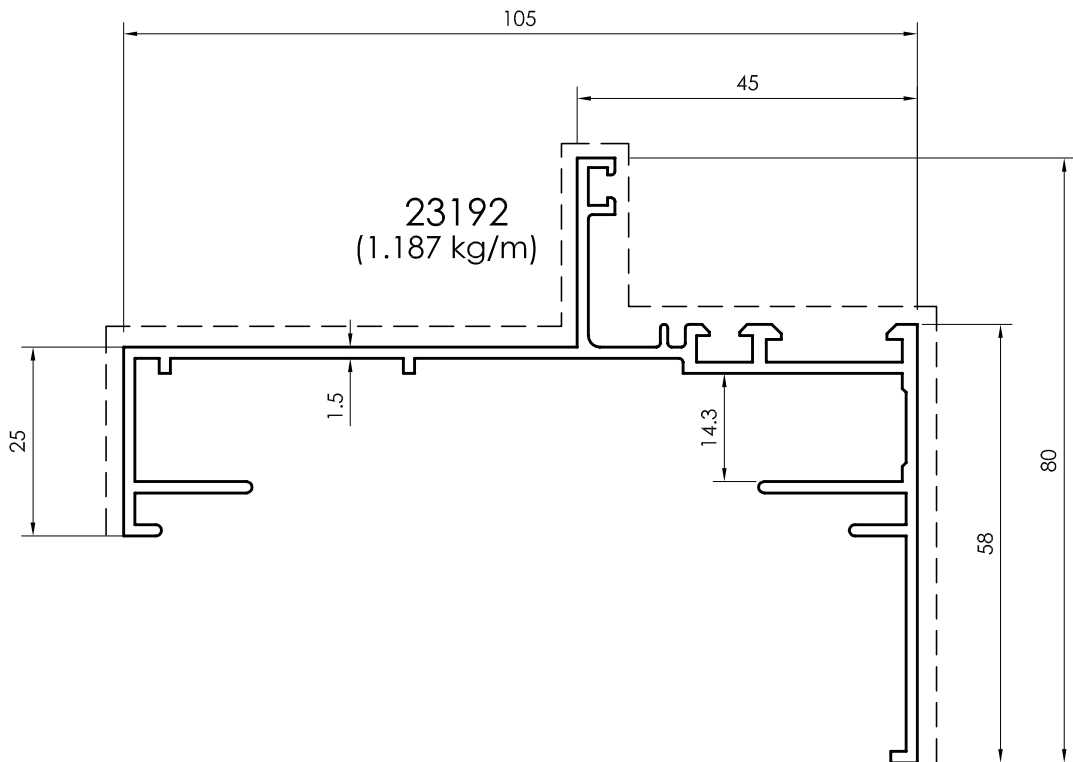
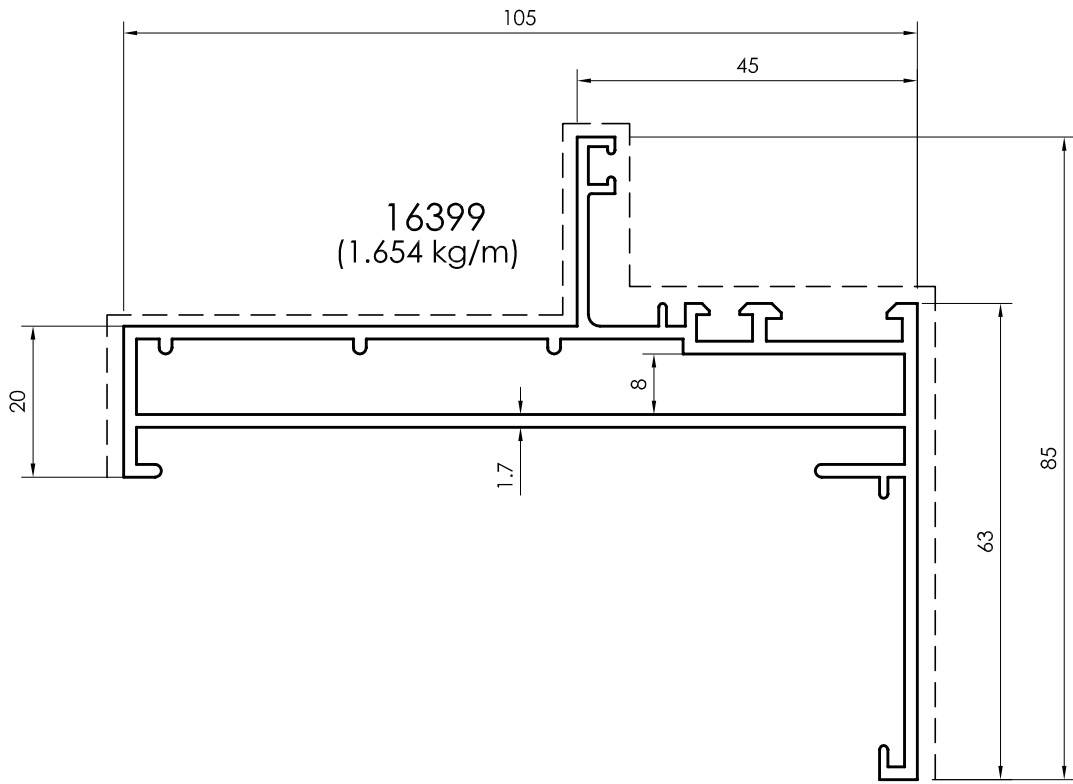
All dimensions in mm
Visible area_-----

Frame Profiles



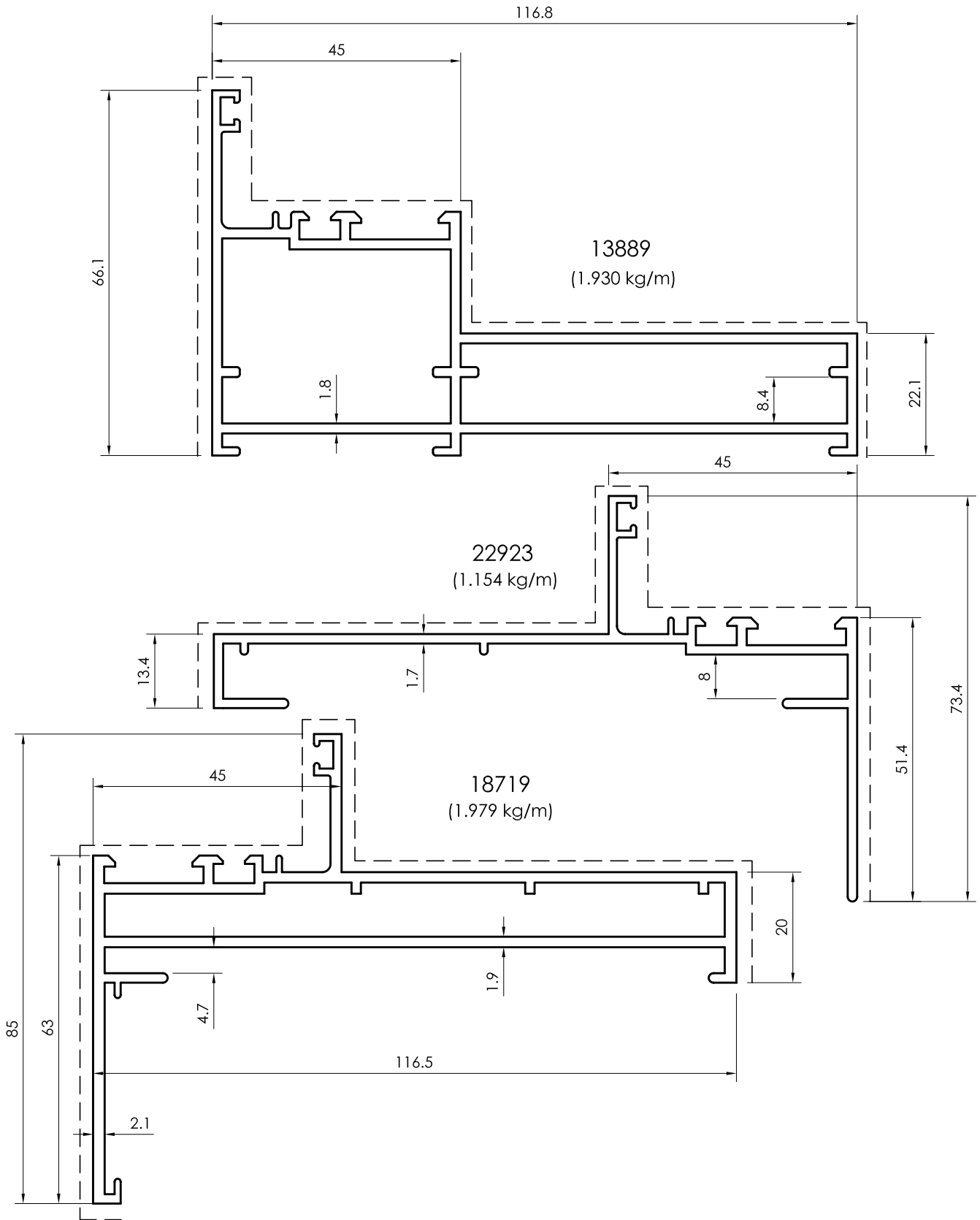
All dimensions in mm
----- Visible area

Frame Profiles



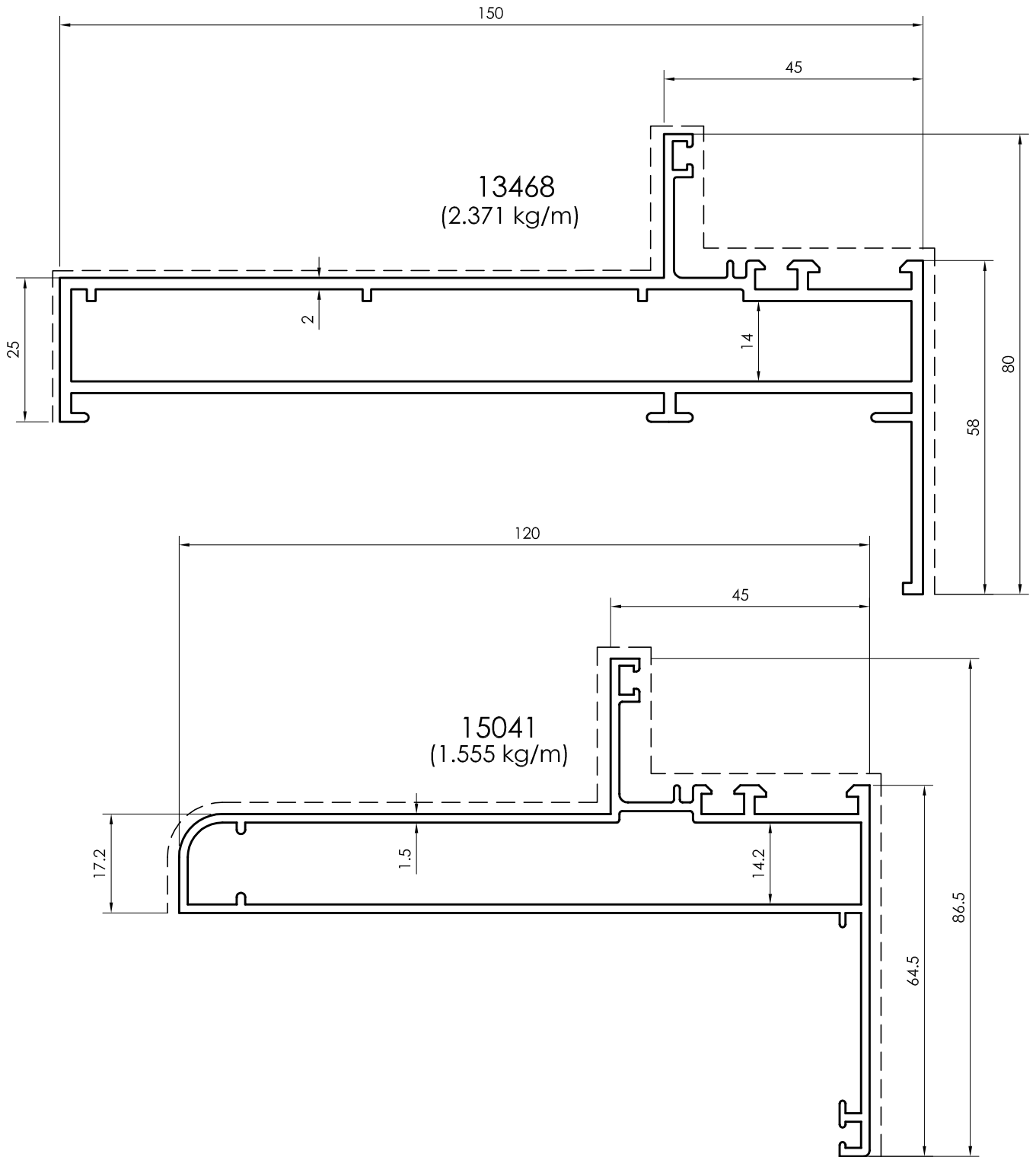
All dimensions in mm
Visible area_-----

Frame Profiles



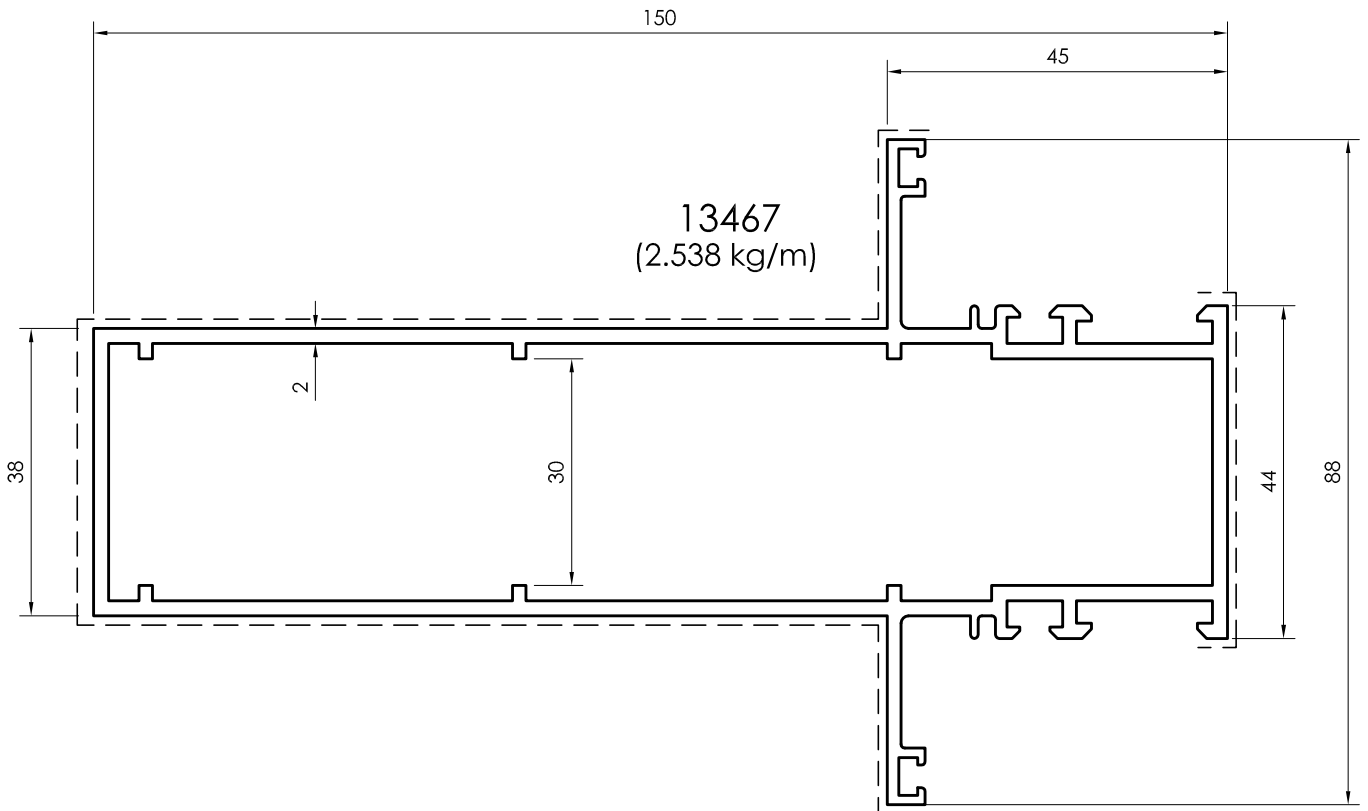
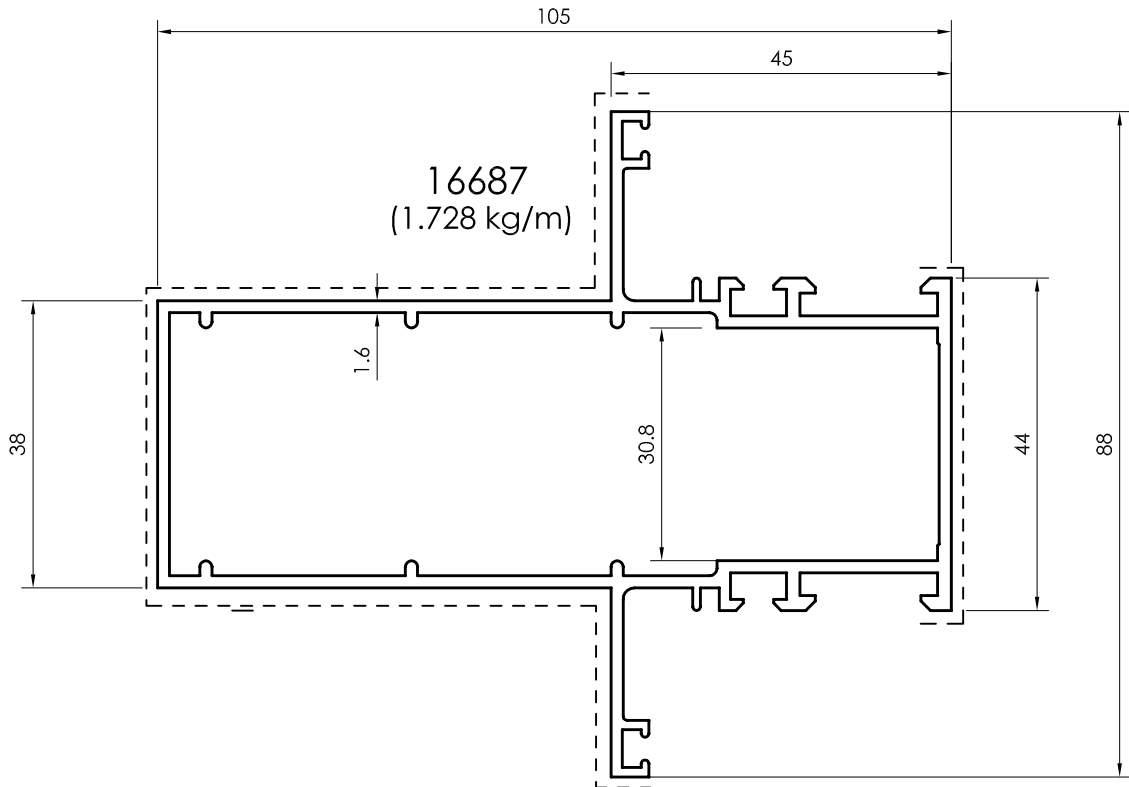
All dimensions in mm
 - - - - - Visible area

Frame Profiles



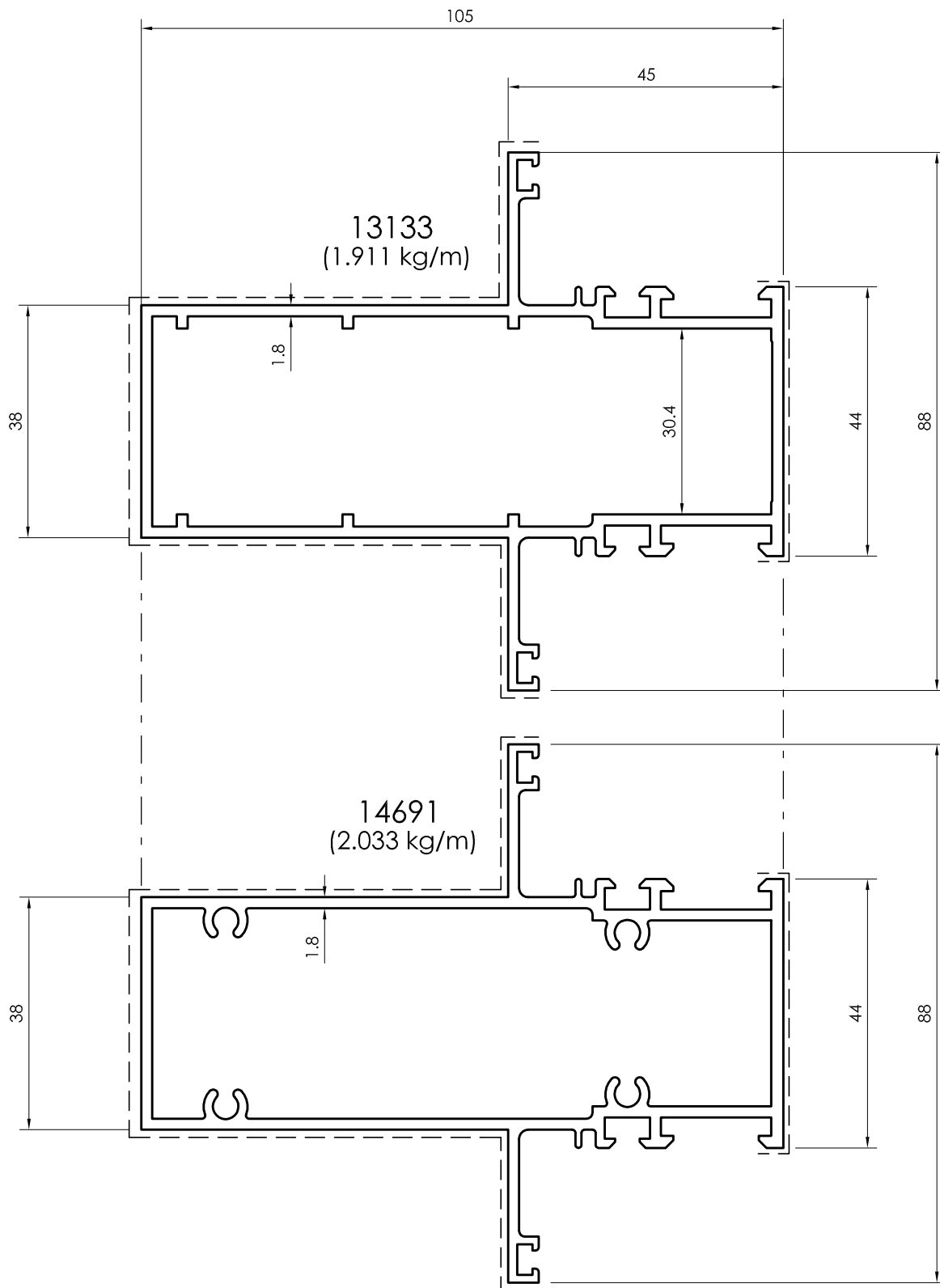
All dimensions in mm
Visible area_-----

T - Profiles



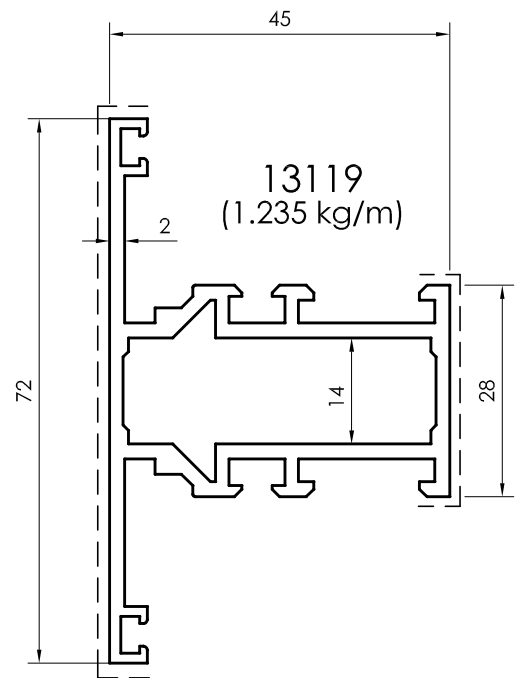
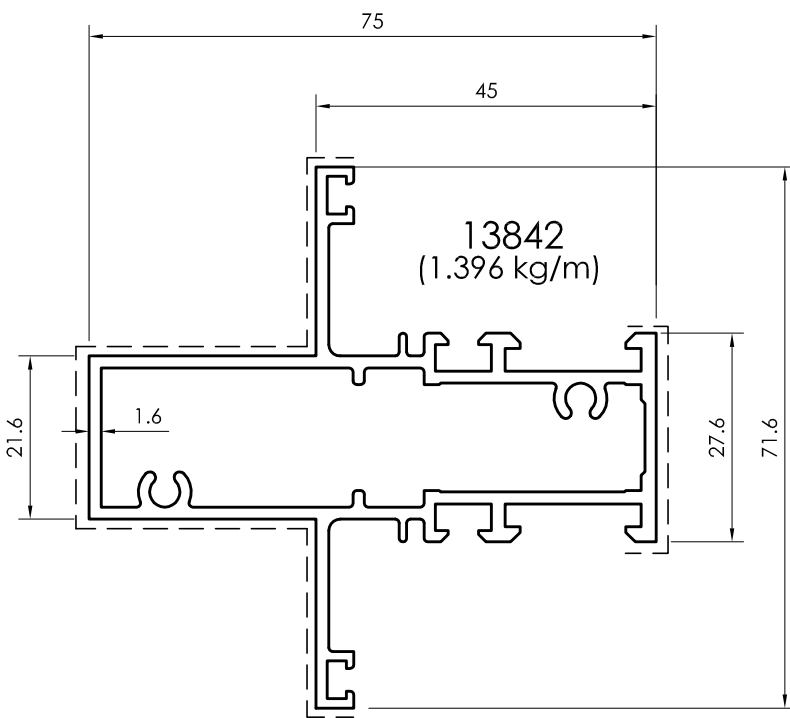
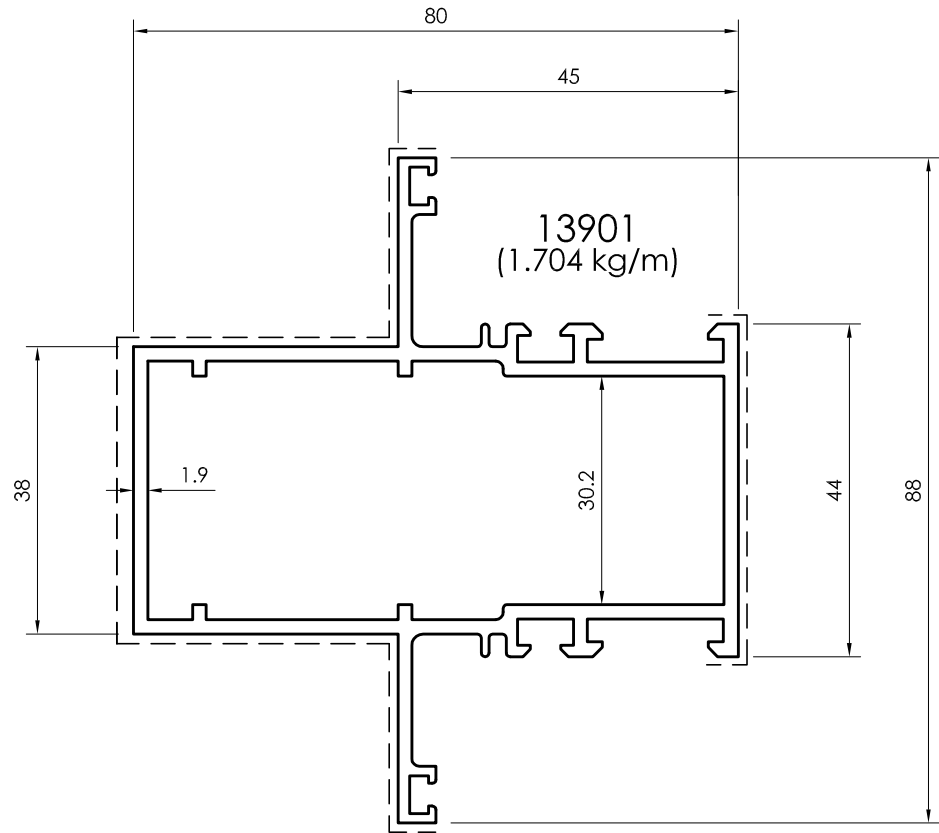
All dimensions in mm
 ----- Visible area

T - Profiles



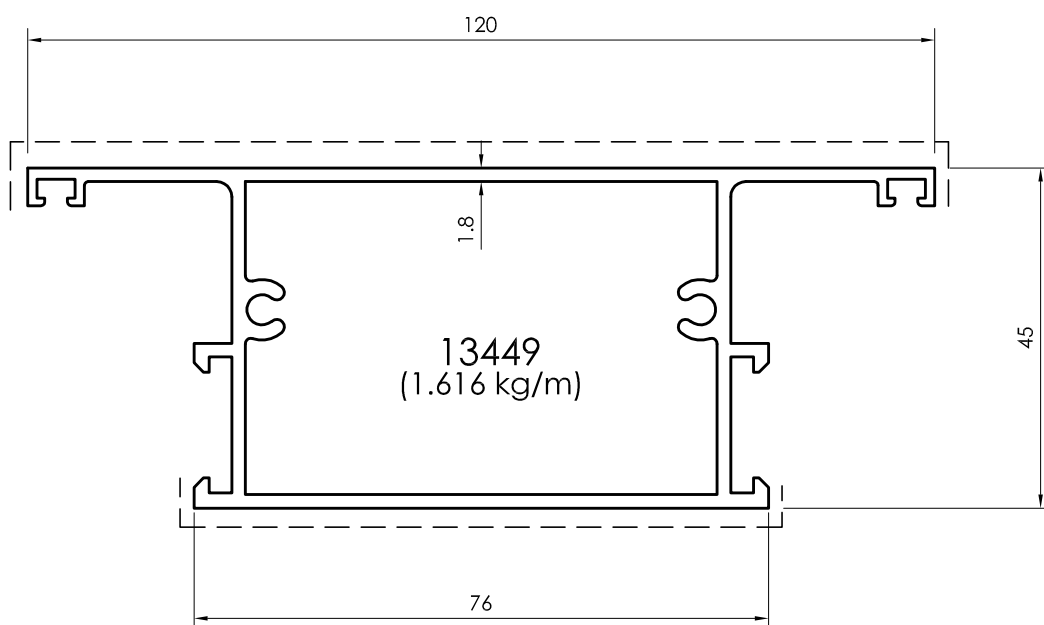
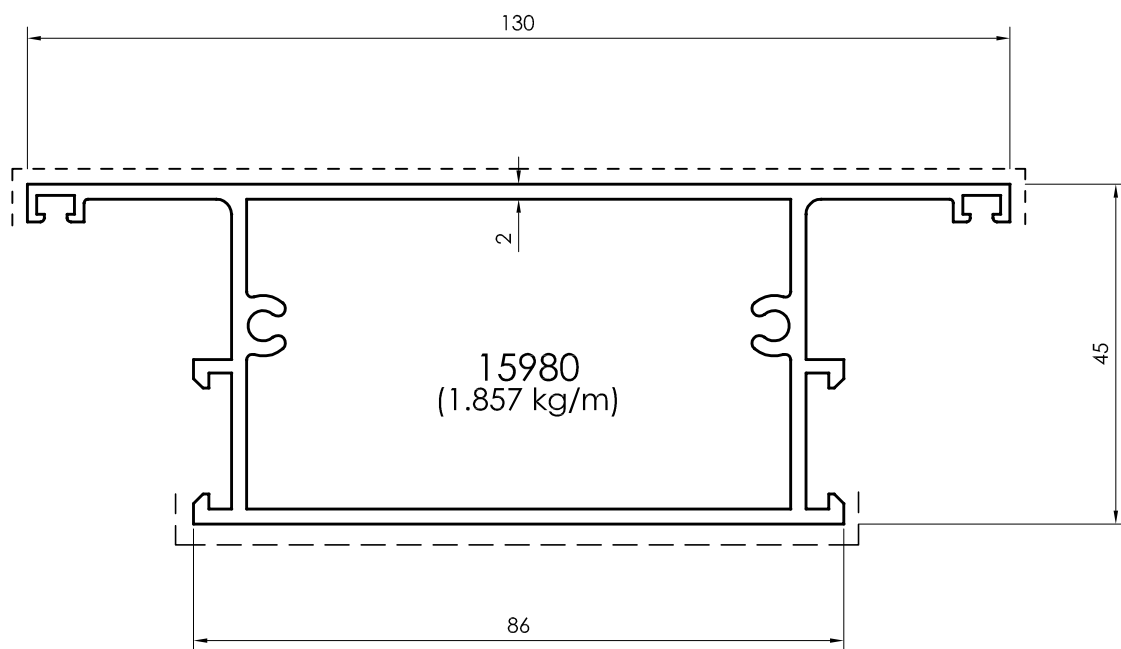
All dimensions in mm
Visible area_-----

T - Profiles



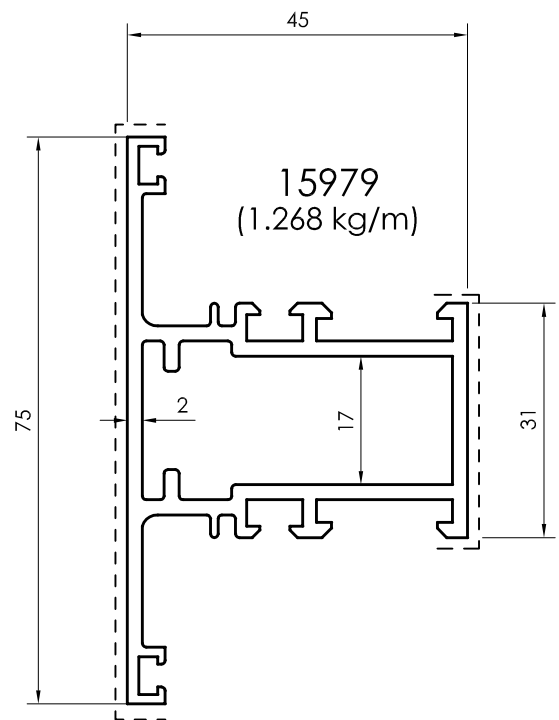
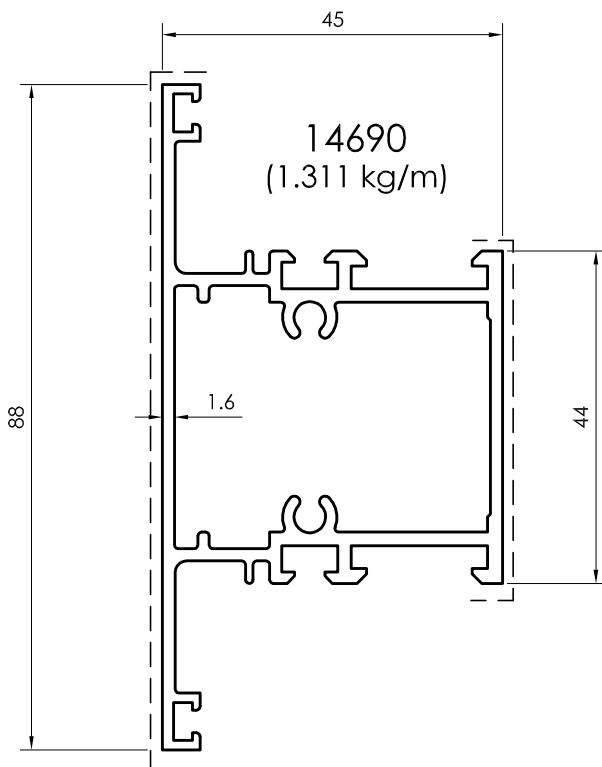
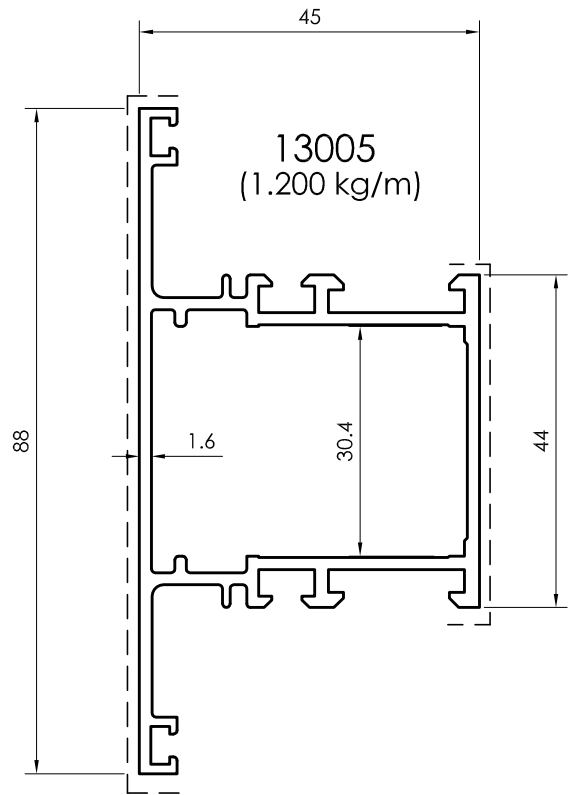
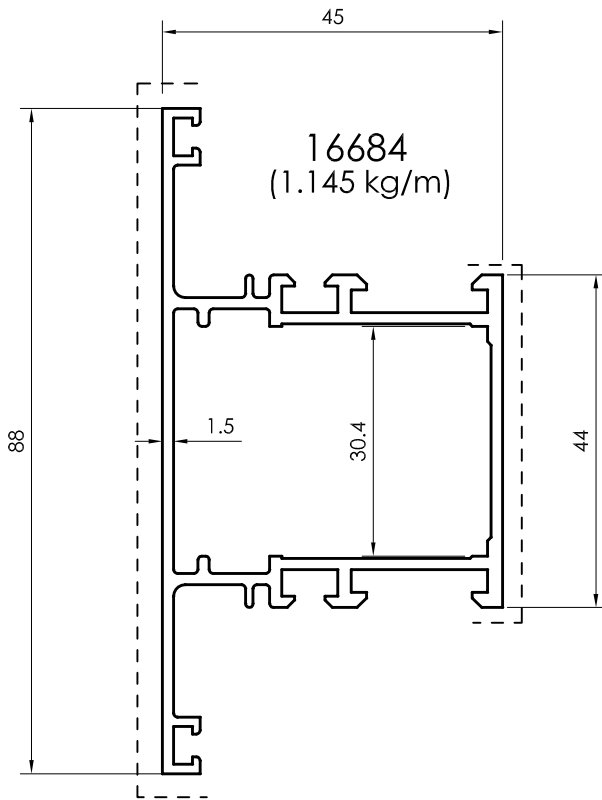
All dimensions in mm
 ----- Visible area

T - Profiles



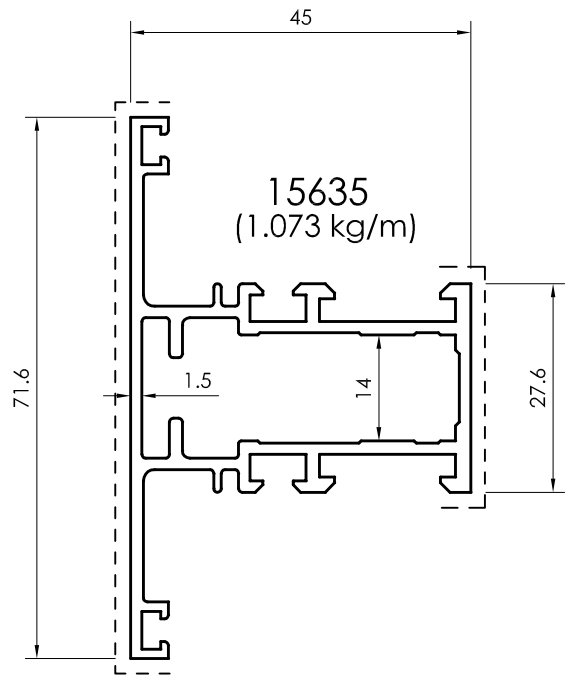
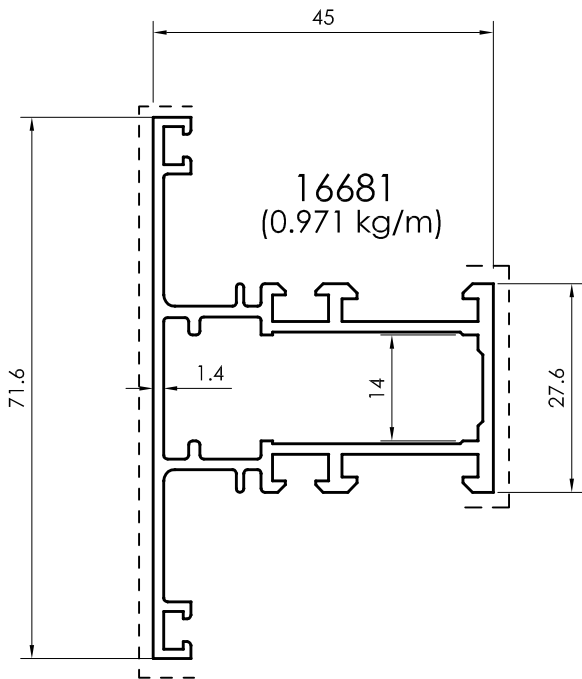
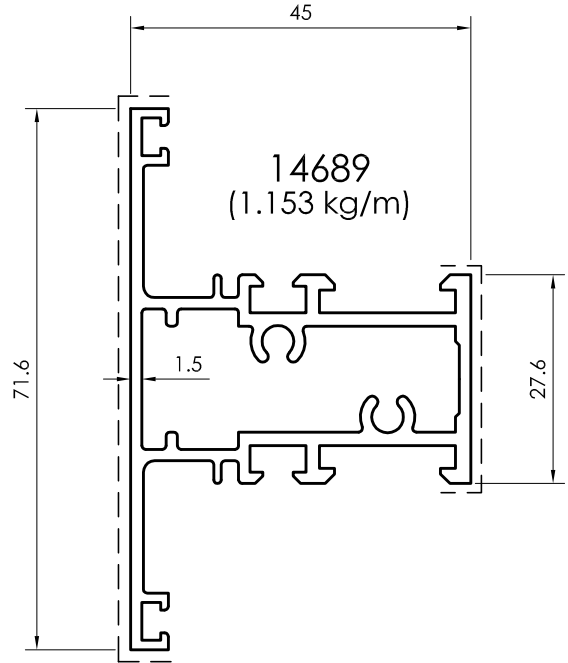
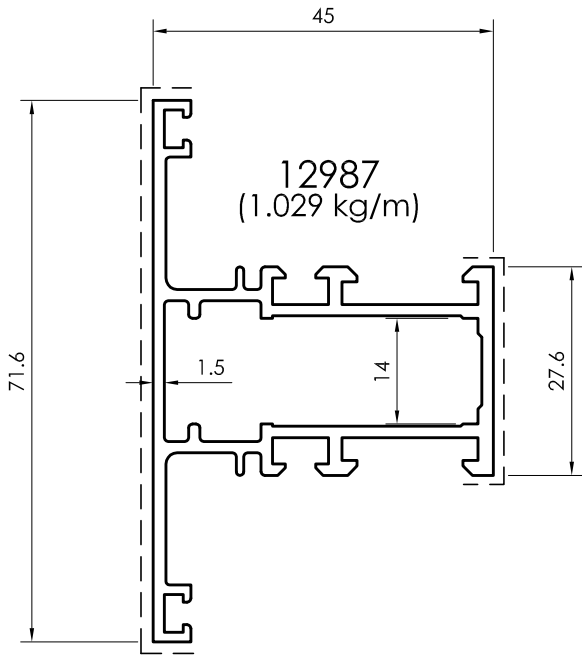
All dimensions in mm
Visible area_-----

T - Profiles



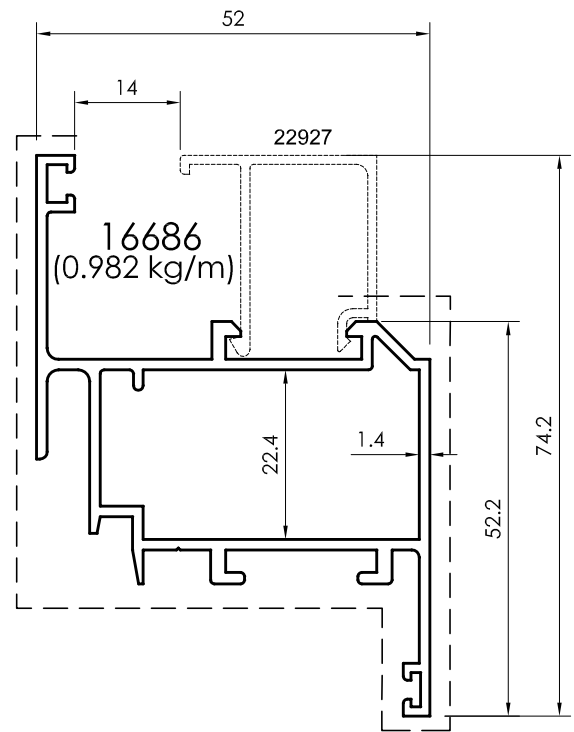
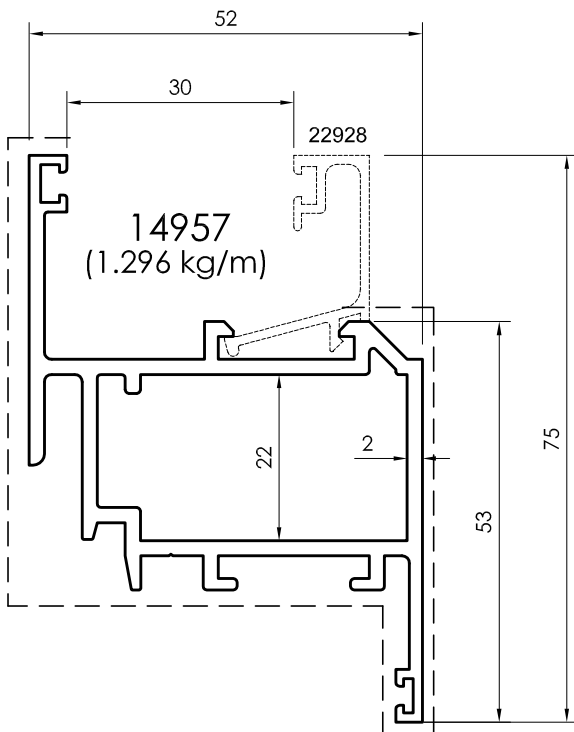
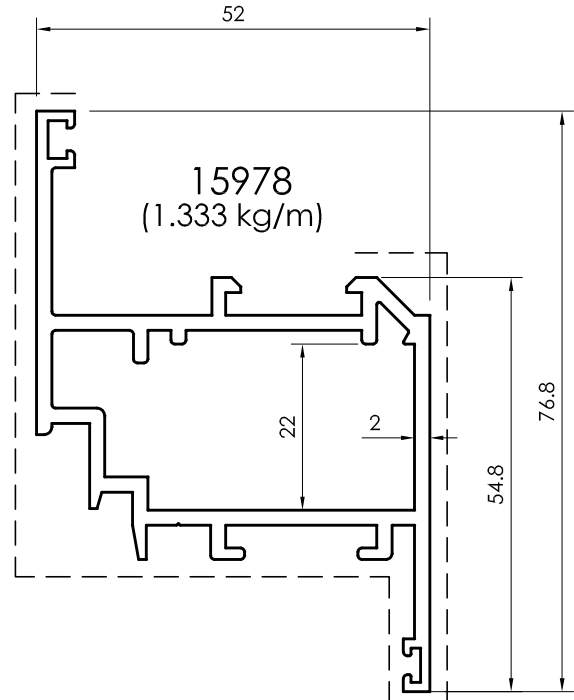
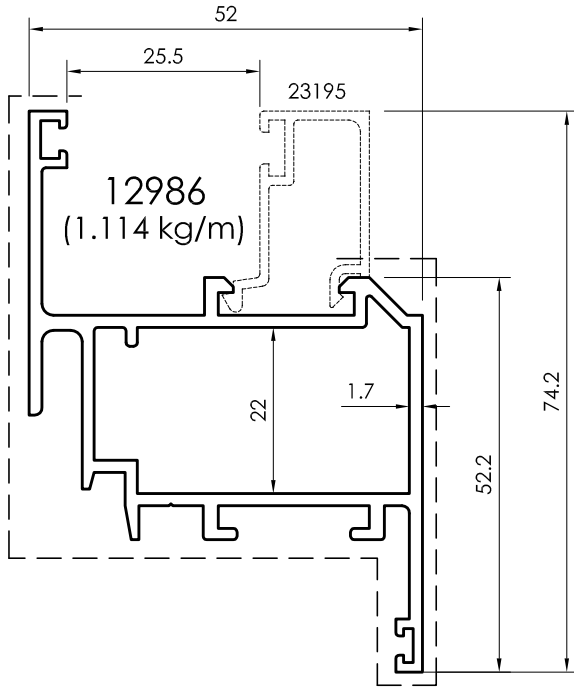
All dimensions in mm
----- Visible area

T - Profiles



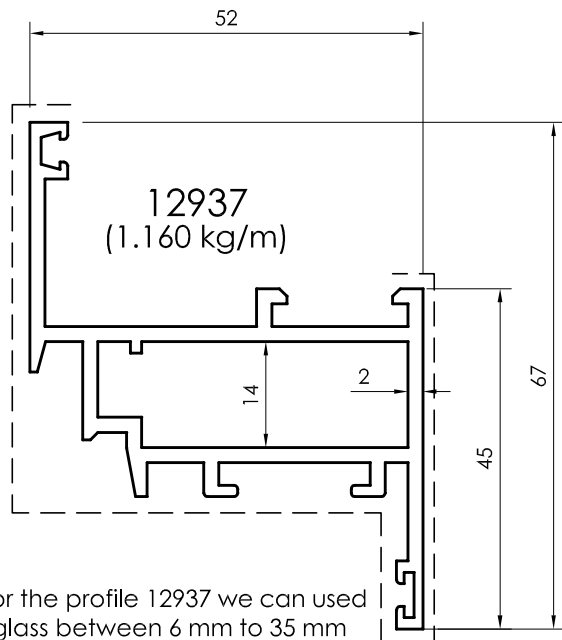
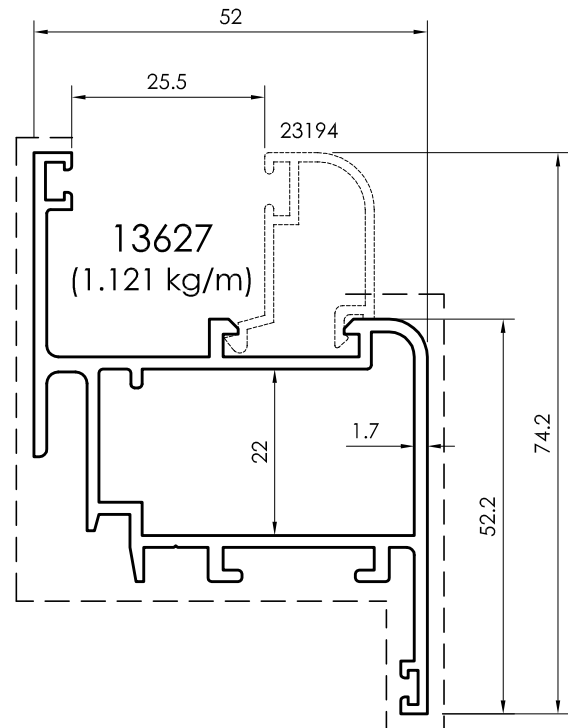
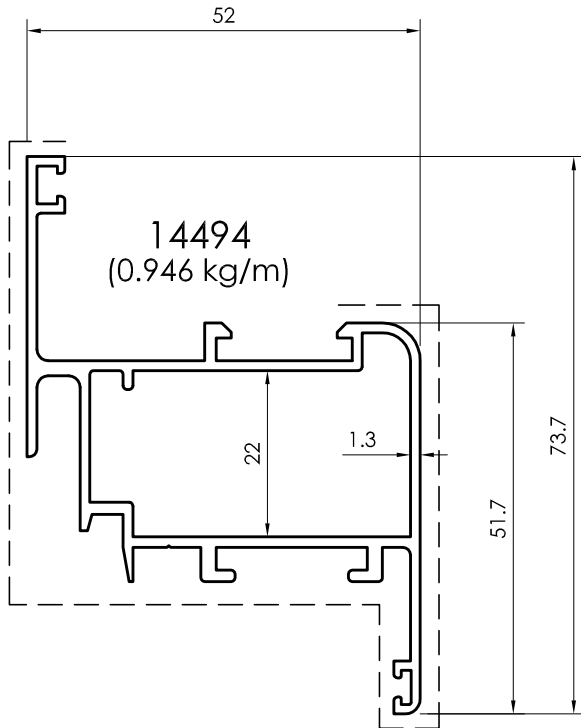
All dimensions in mm
Visible area_-----

Sash Window Profiles
Inward Opening

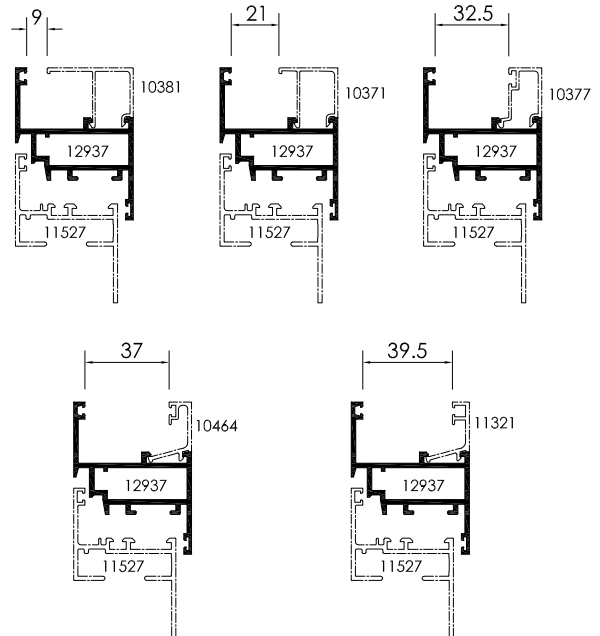


All dimensions in mm
----- Visible area

Sash Window Profiles
Inward Opening

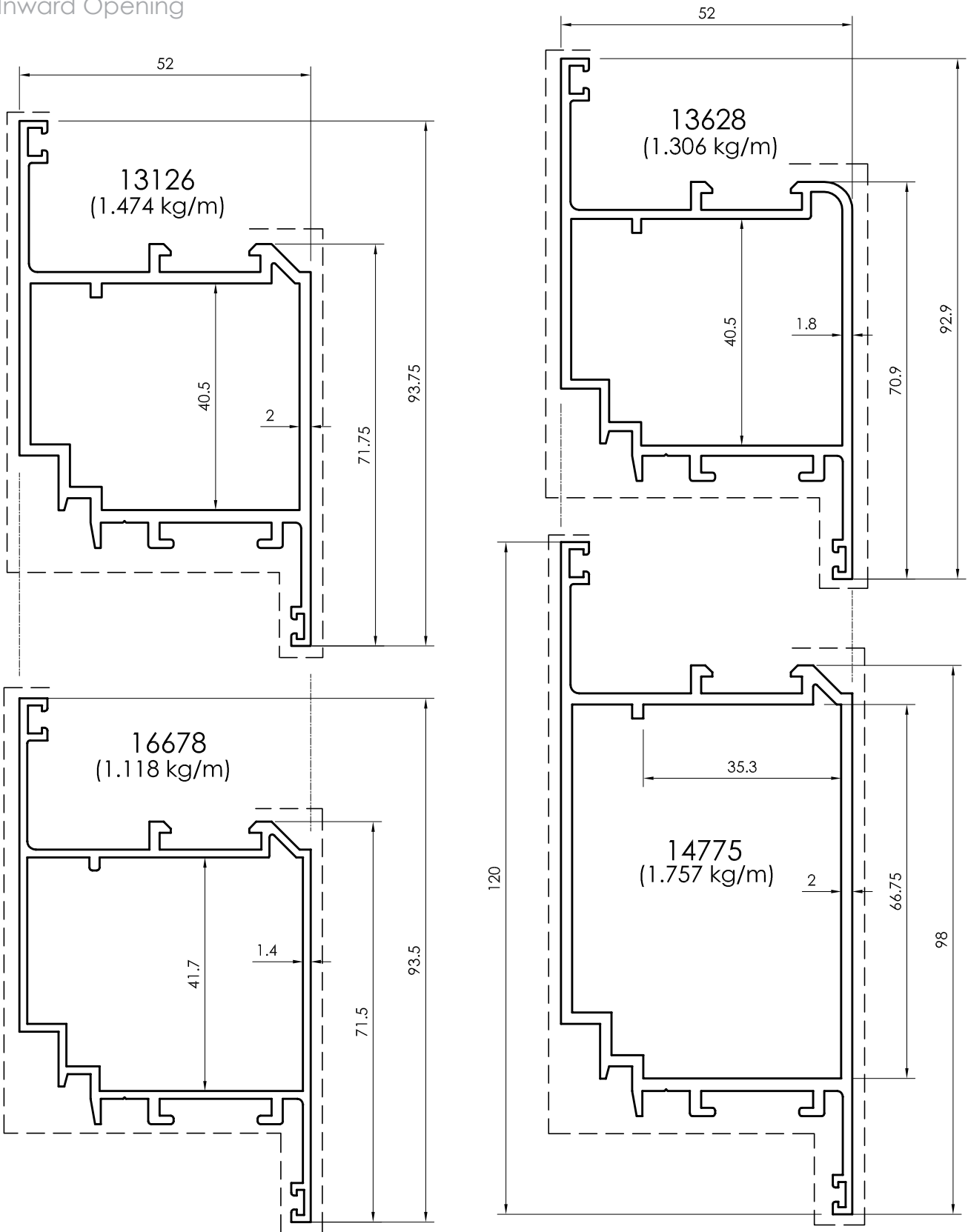


For the profile 12937 we can use glass between 6 mm to 35 mm



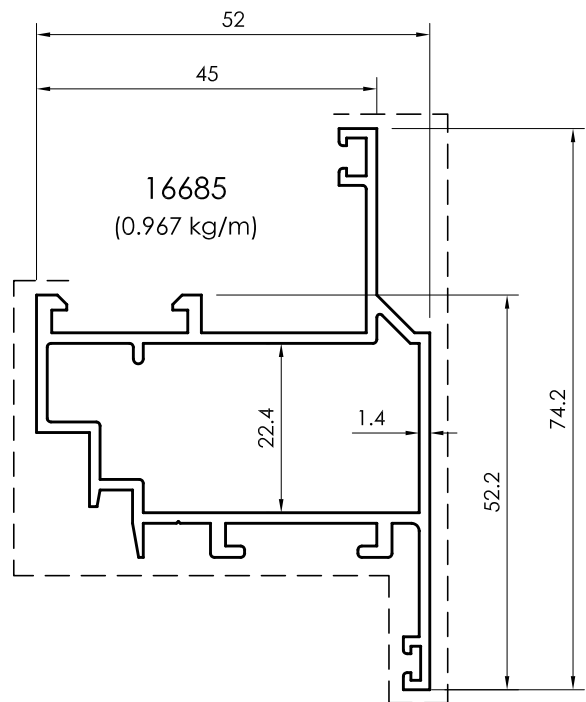
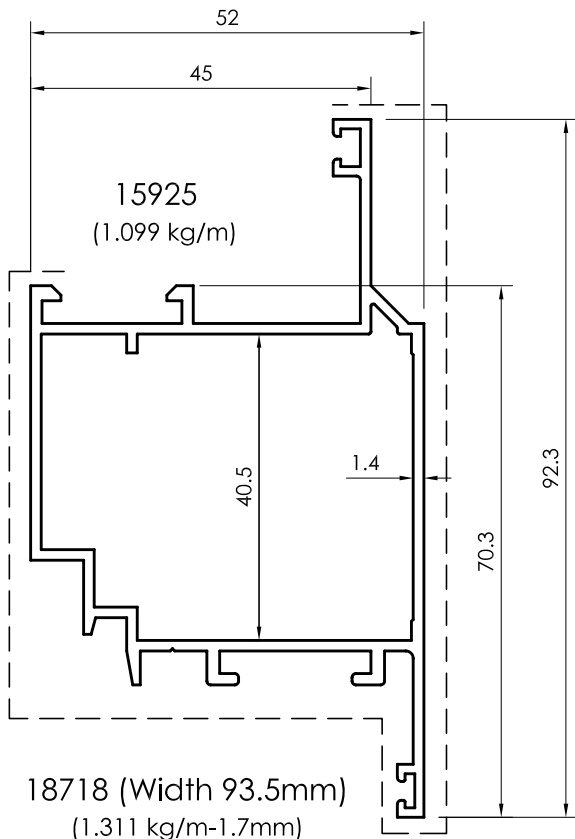
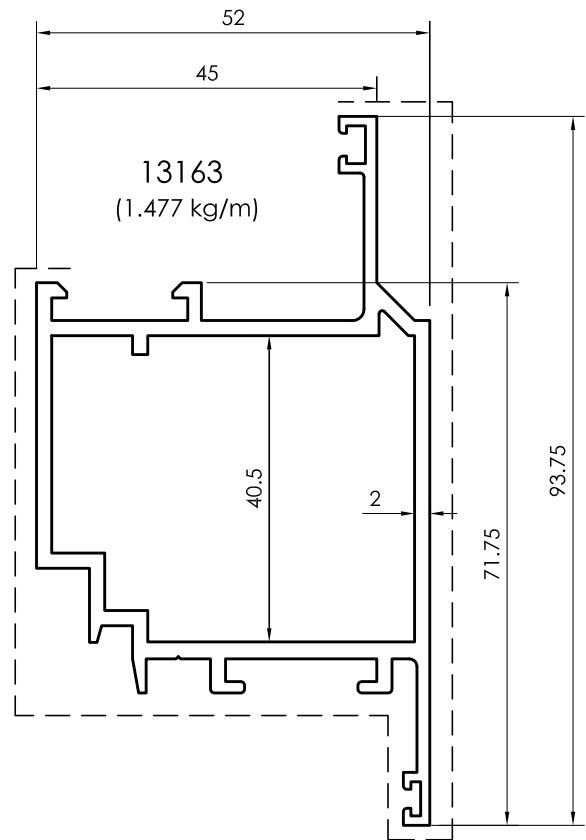
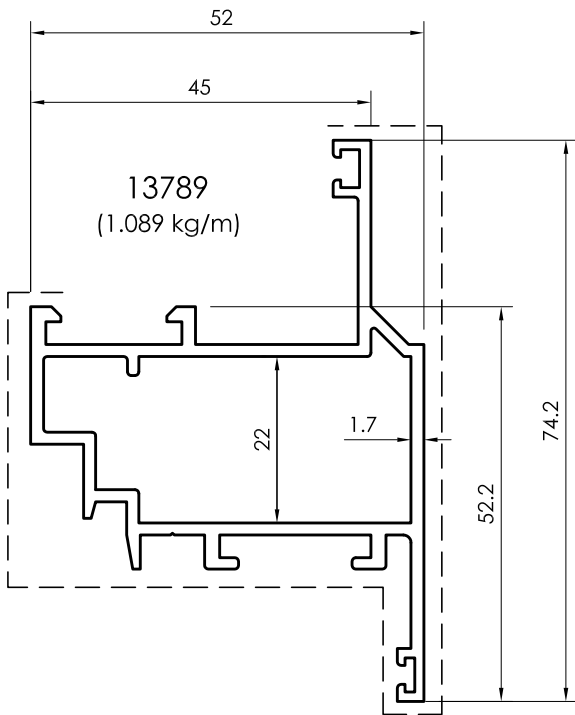
All dimensions in mm
Visible area_____

Sash Door Profiles
Inward Opening



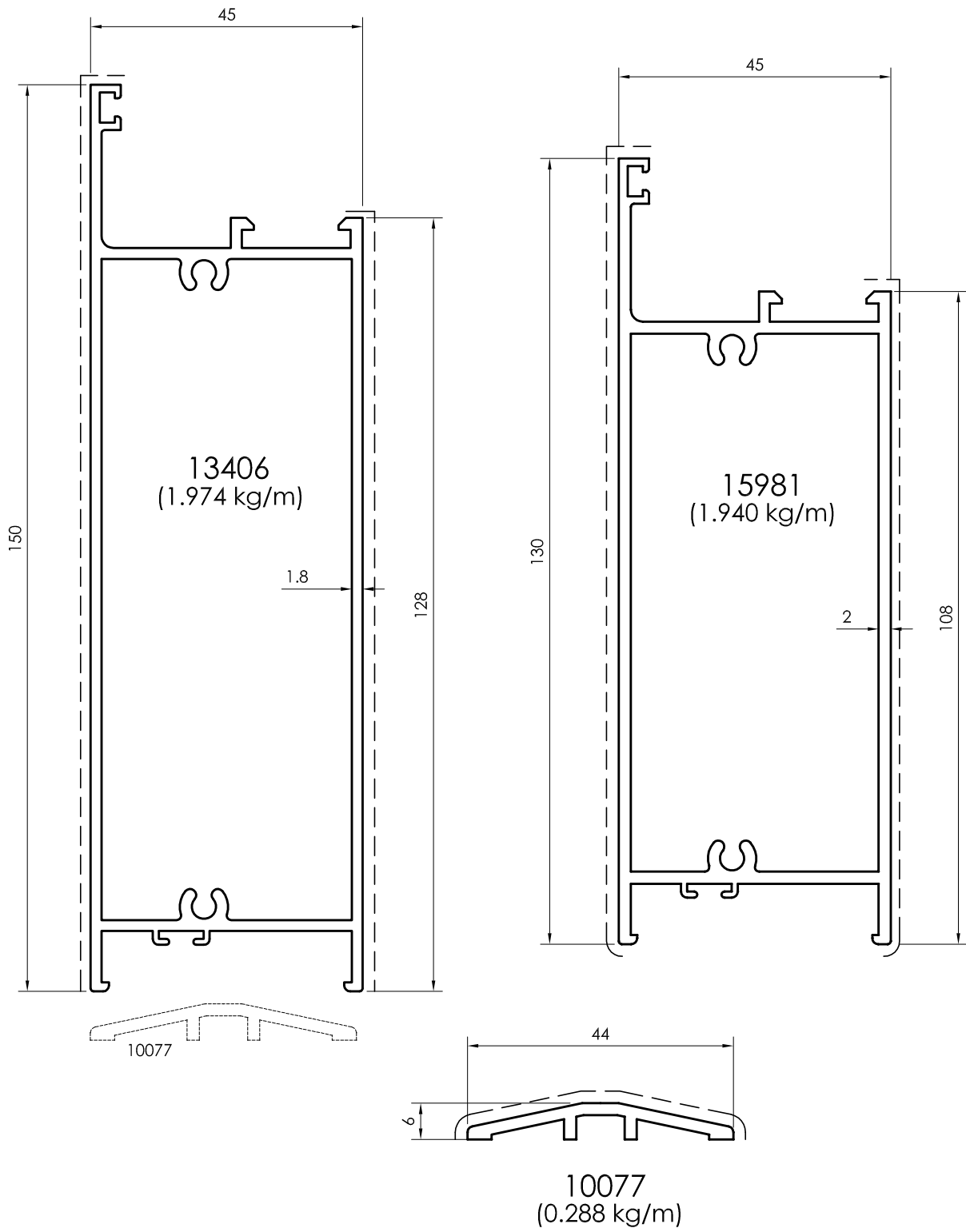
All dimensions in mm
----- Visible area

Sash Window / Door Profiles
Outward Opening



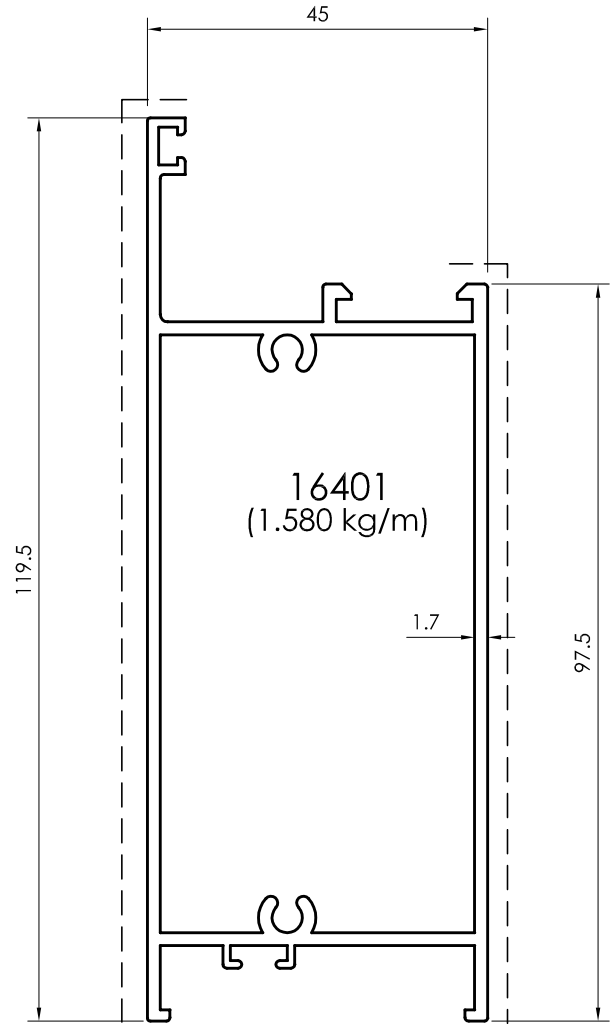
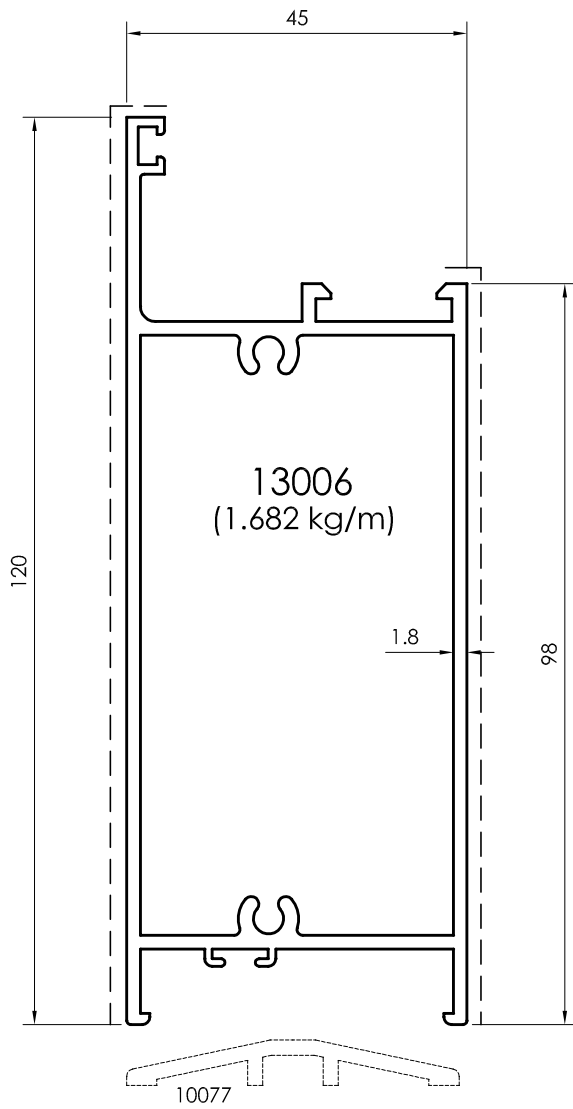
All dimensions in mm
Visible area_-----

Bottom Door Profiles



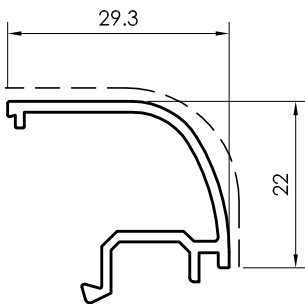
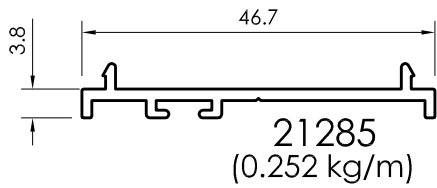
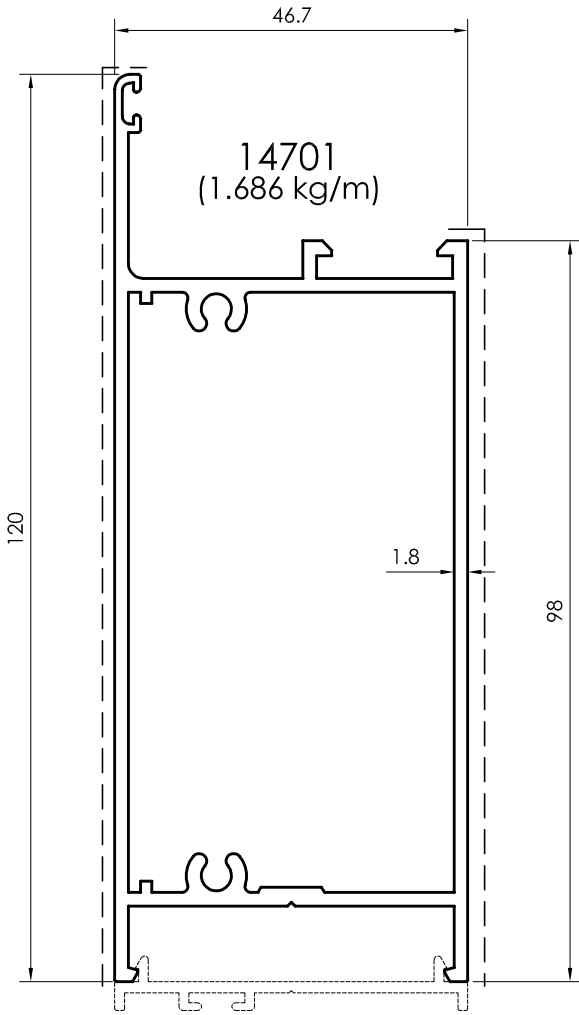
All dimensions in mm
 ----- Visible area

Bottom Door Profiles

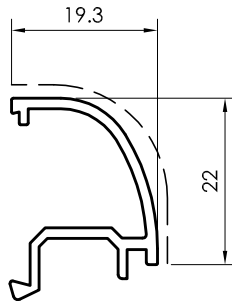


All dimensions in mm
Visible area_____

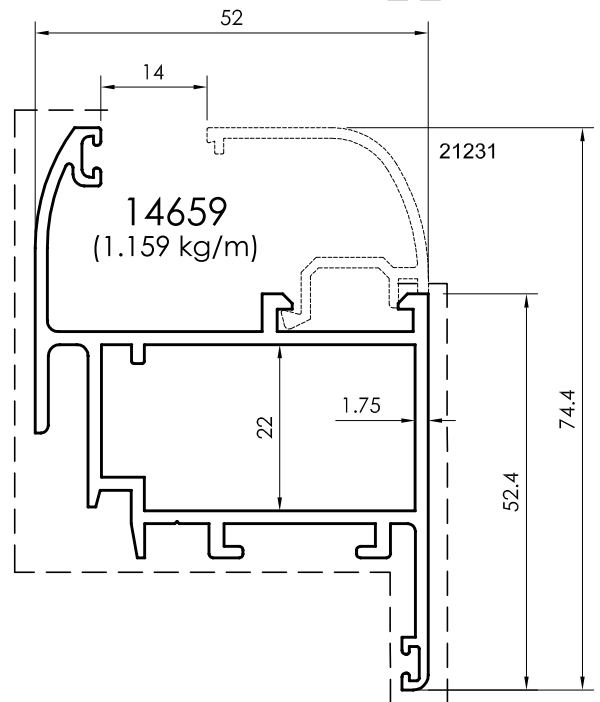
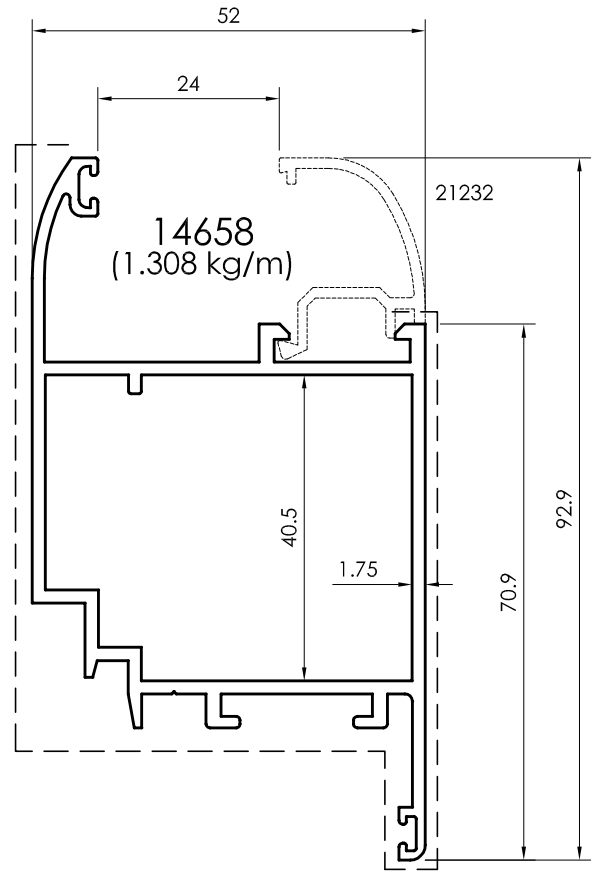
Bottom Door Profiles



FOR 6MM & 8MM GLASS

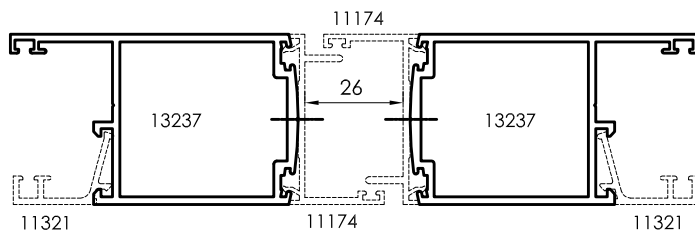
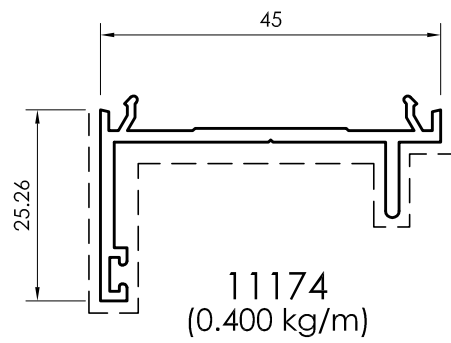
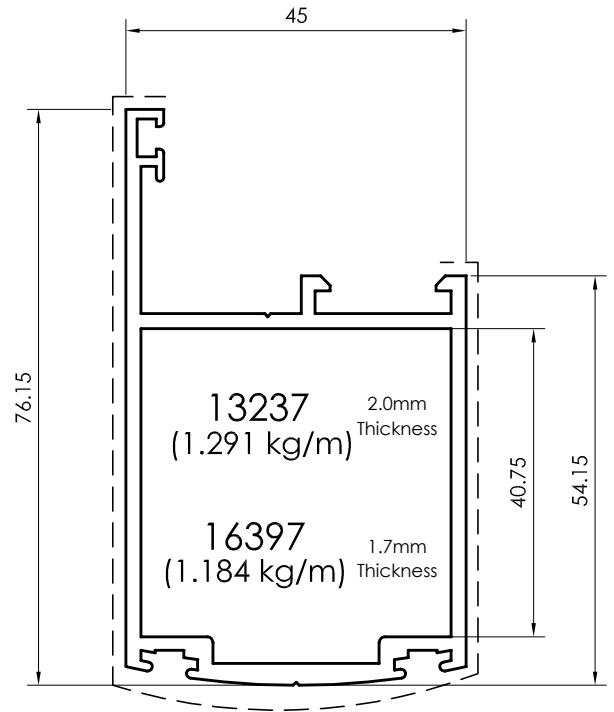
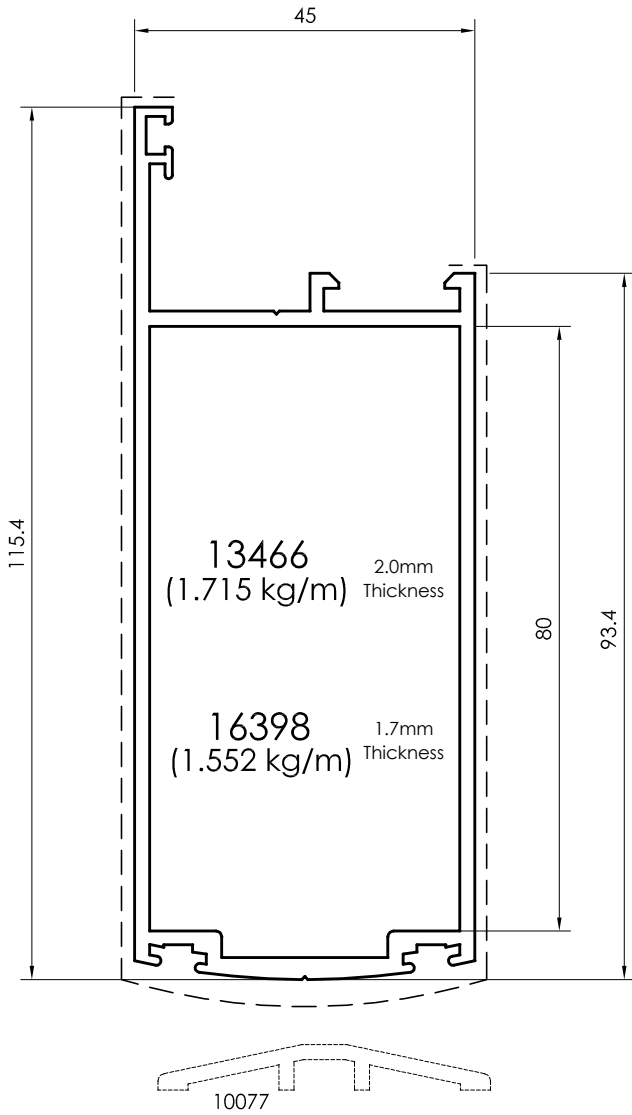


FOR 18MM & 20MM GLASS



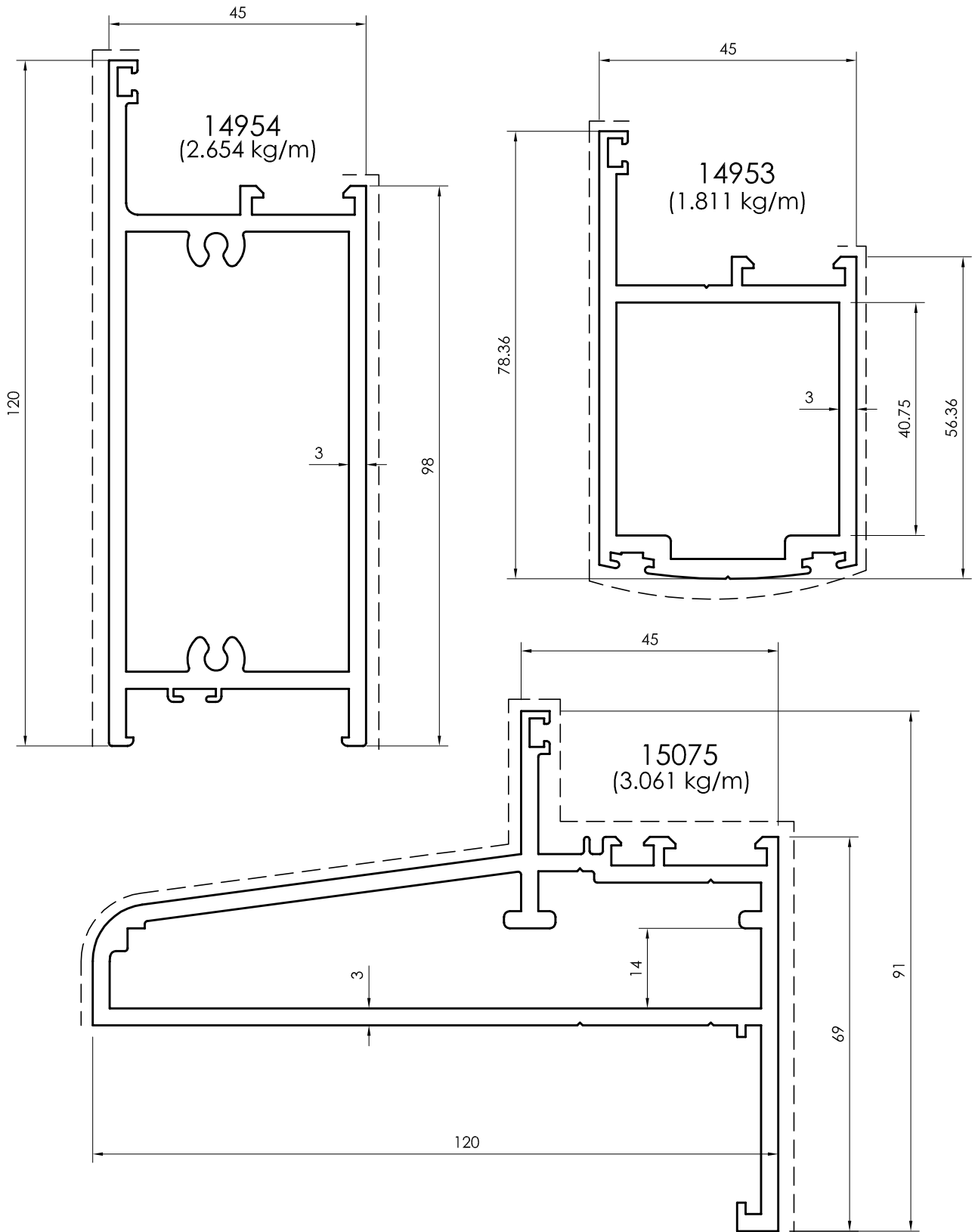
All dimensions in mm
 - - - - - Visible area

Swing Door Profiles



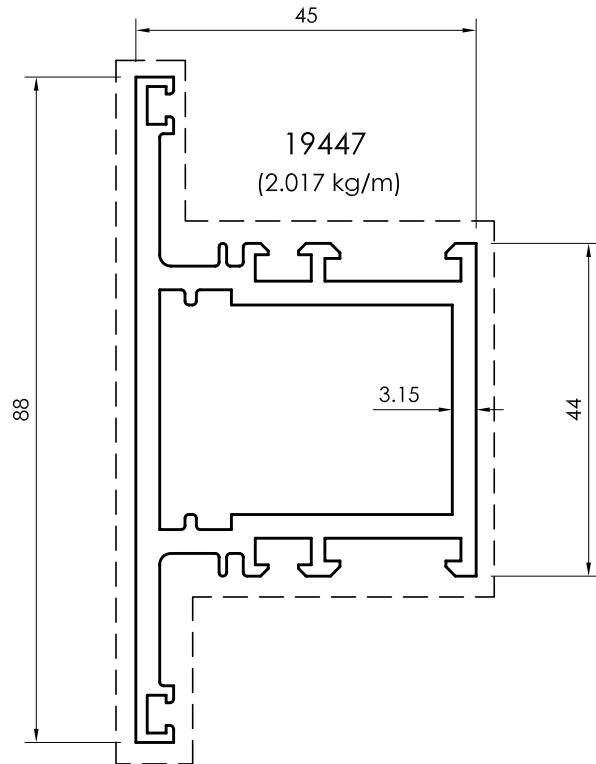
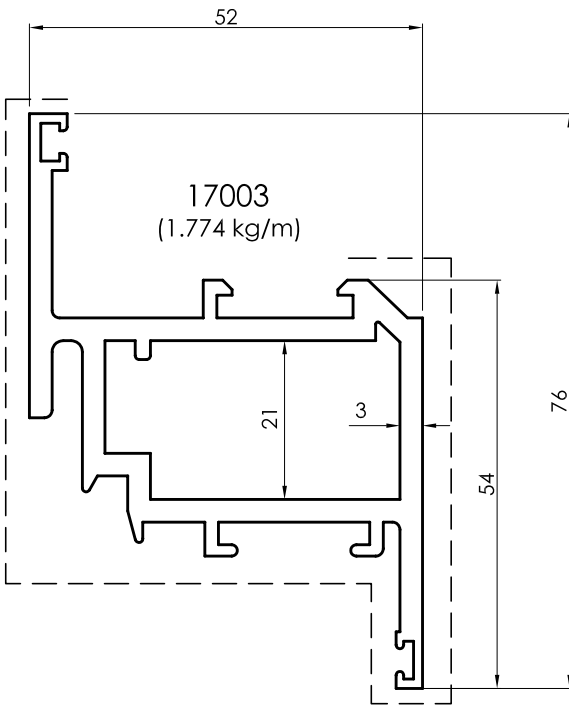
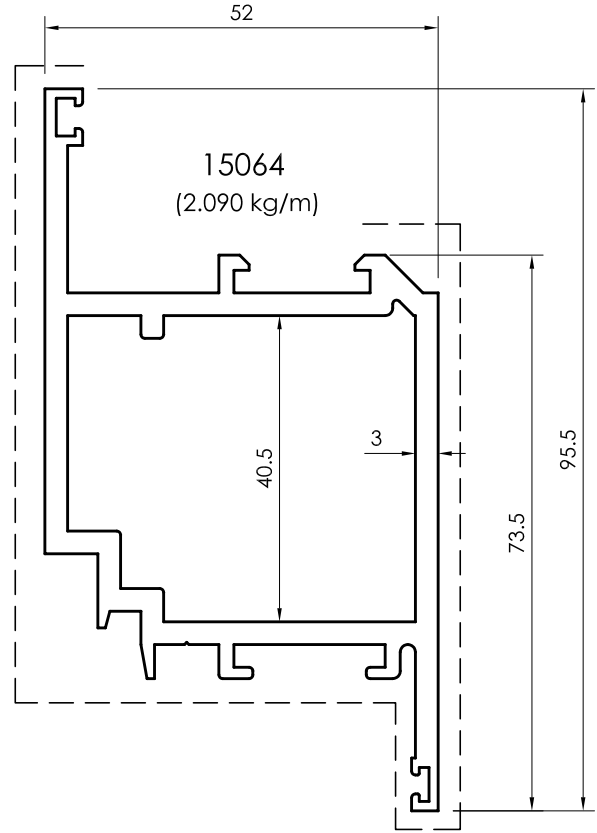
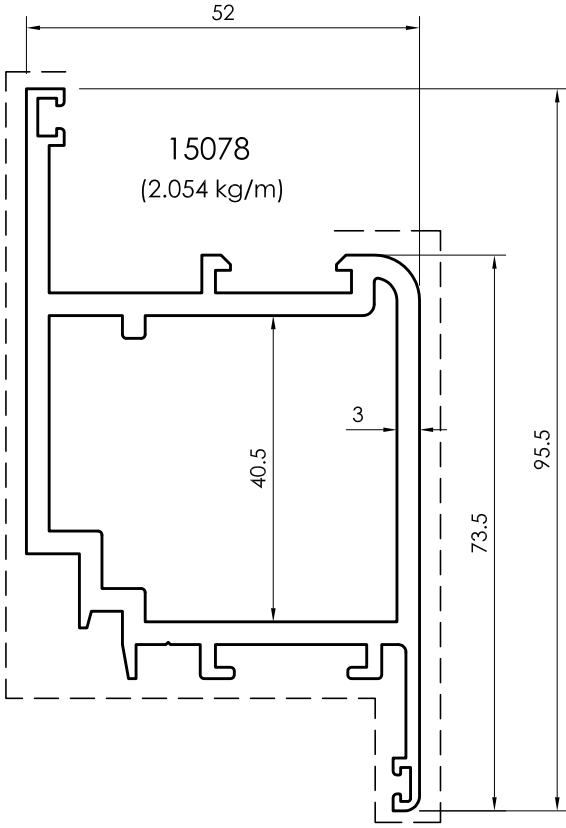
All dimensions in mm
Visible area_____

Hinged-45 / 3mm



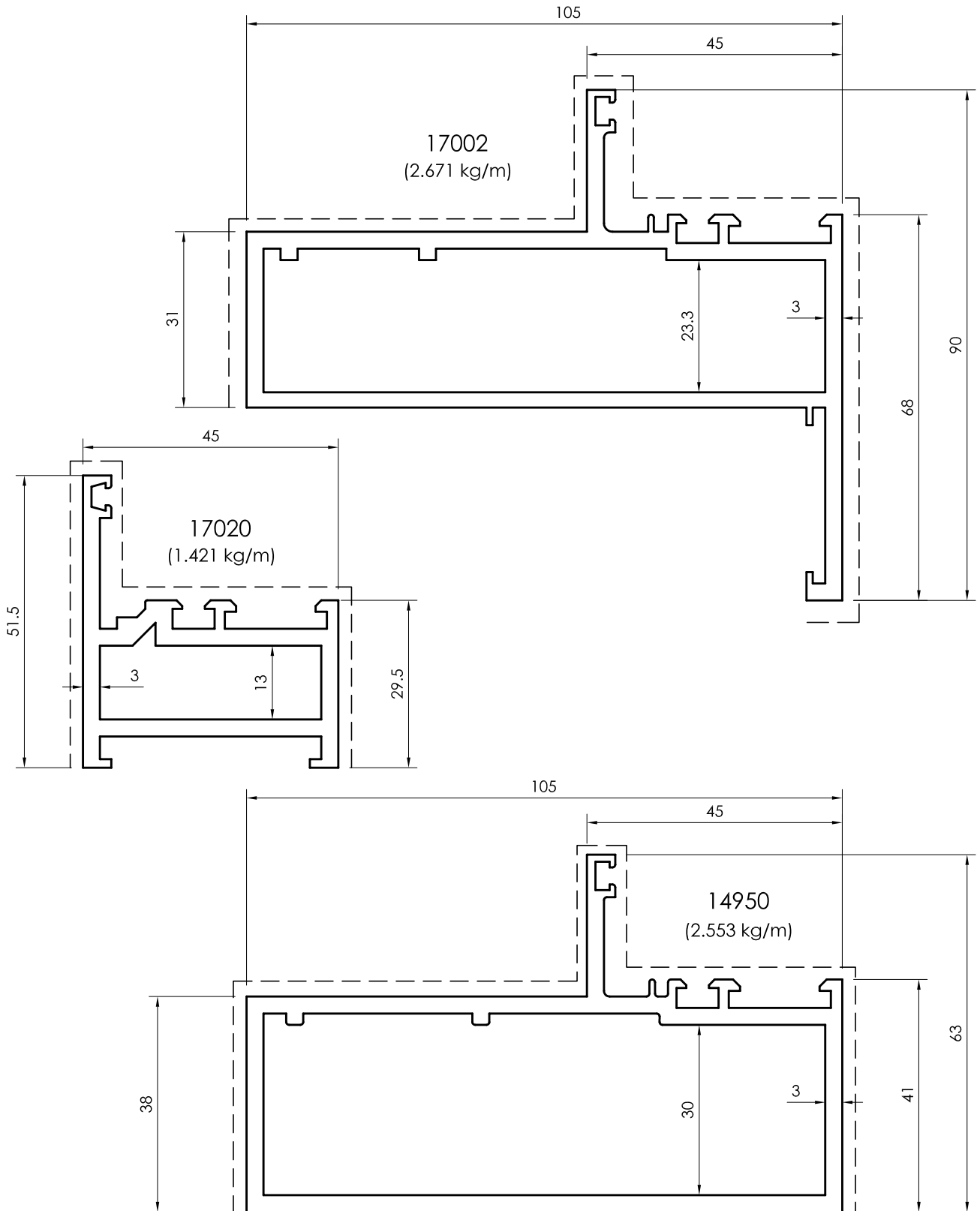
All dimensions in mm
 ----- Visible area

Hinged-45 / 3mm



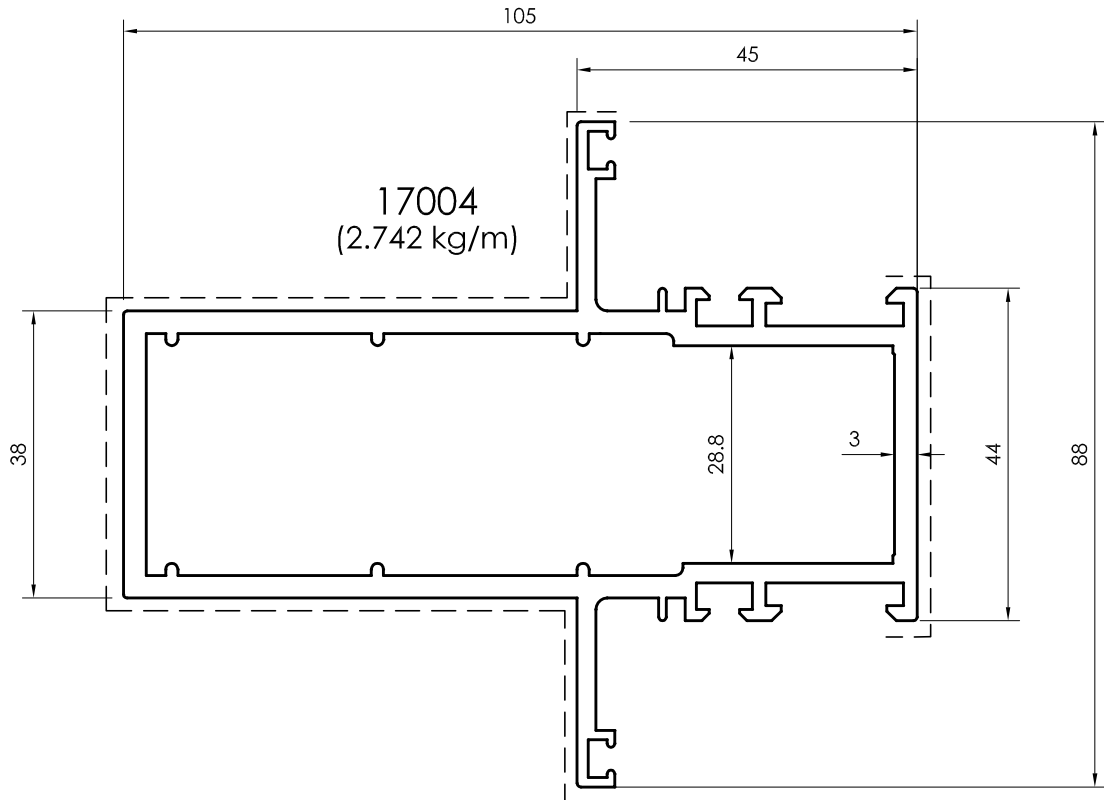
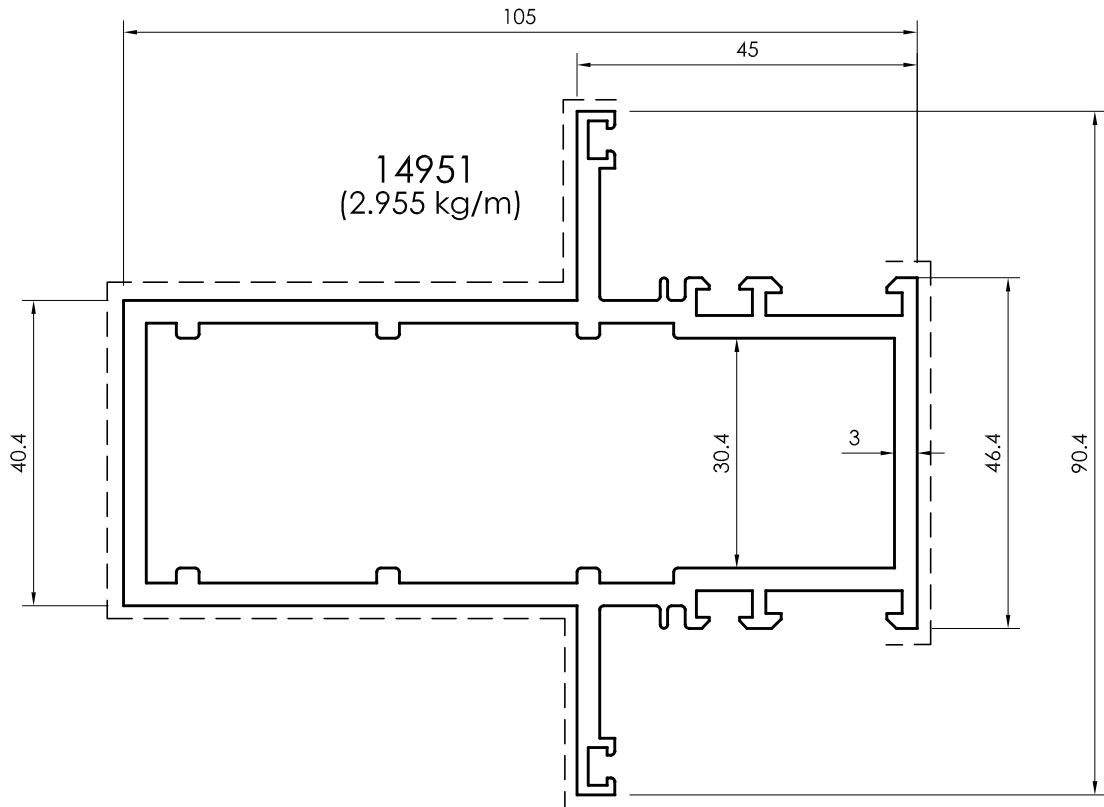
All dimensions in mm
Visible area_-----

Hinged-45 / 3mm



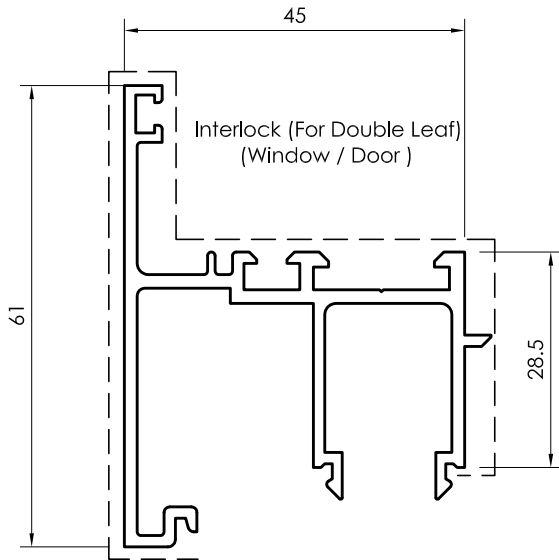
All dimensions in mm
 ----- Visible area

Hinged-45 / 3mm



All dimensions in mm
Visible area_-----

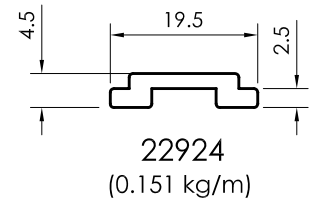
Complementary Profiles



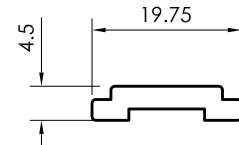
10463
(0.933 kg/m) 1.7 mm Thickness

23193
(0.820 kg/m) 1.4 mm Thickness

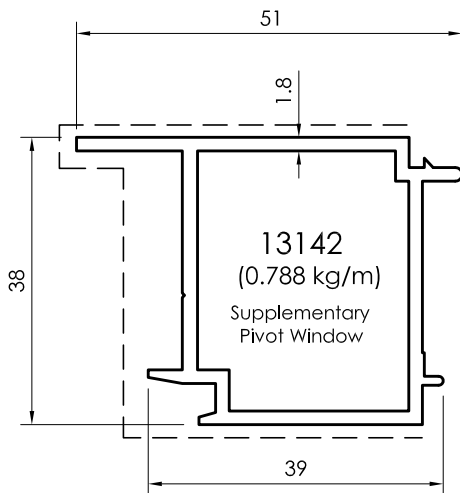
21100
(0.802 kg/m) 1.3 mm Thickness



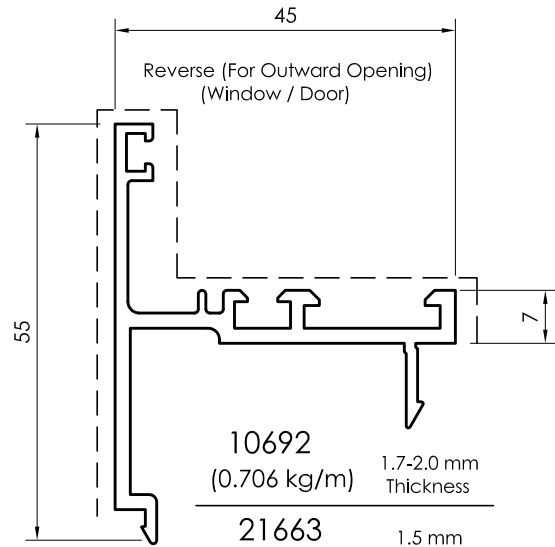
22924
(0.151 kg/m)



09888
(0.175 kg/m)
Supplementary To lock

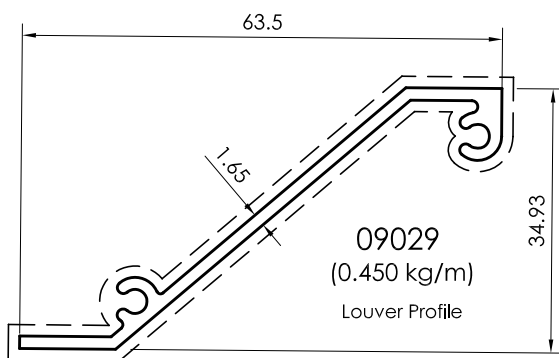


13142
(0.788 kg/m)
Supplementary Pivot Window

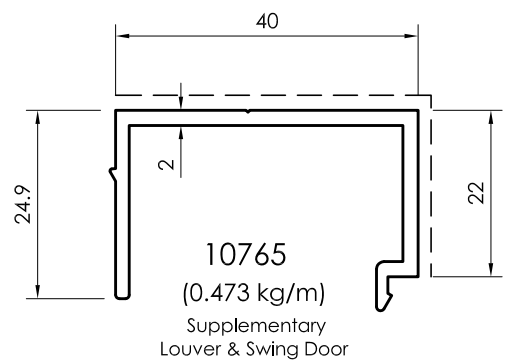


10692
(0.706 kg/m) 1.7-2.0 mm Thickness

21663
(0.629 kg/m) 1.5 mm Thickness



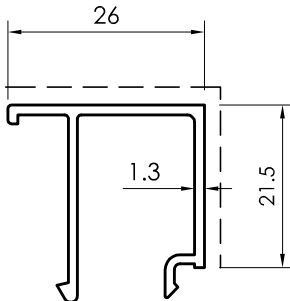
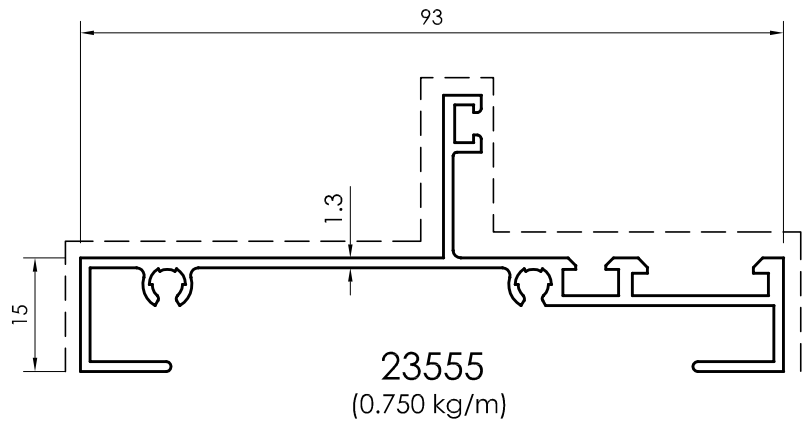
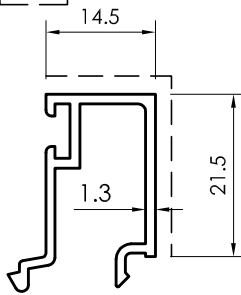
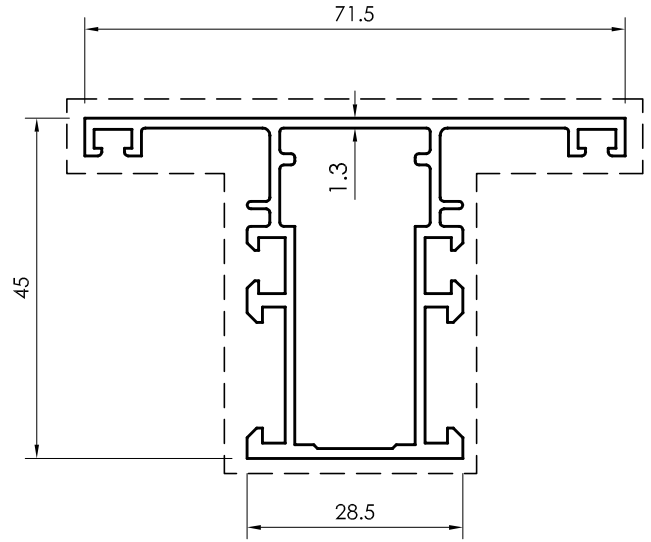
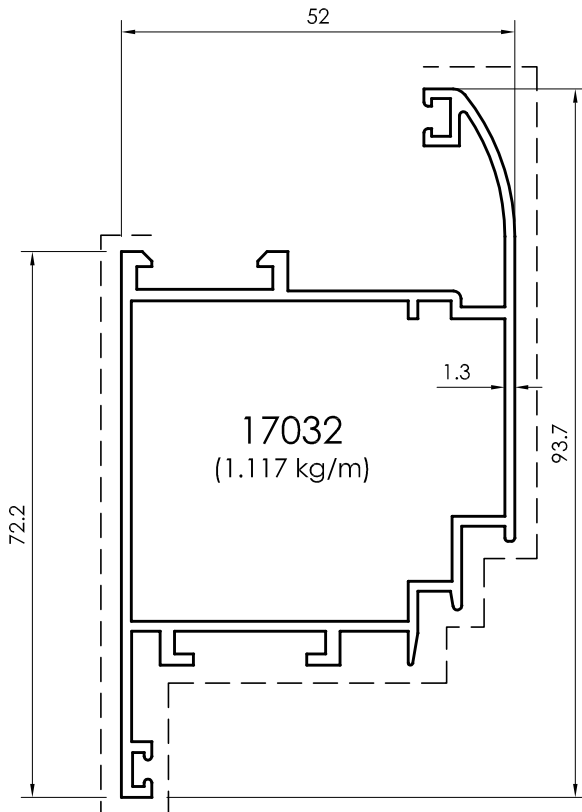
09029
(0.450 kg/m)
Louver Profile



10765
(0.473 kg/m)
Supplementary Louver & Swing Door

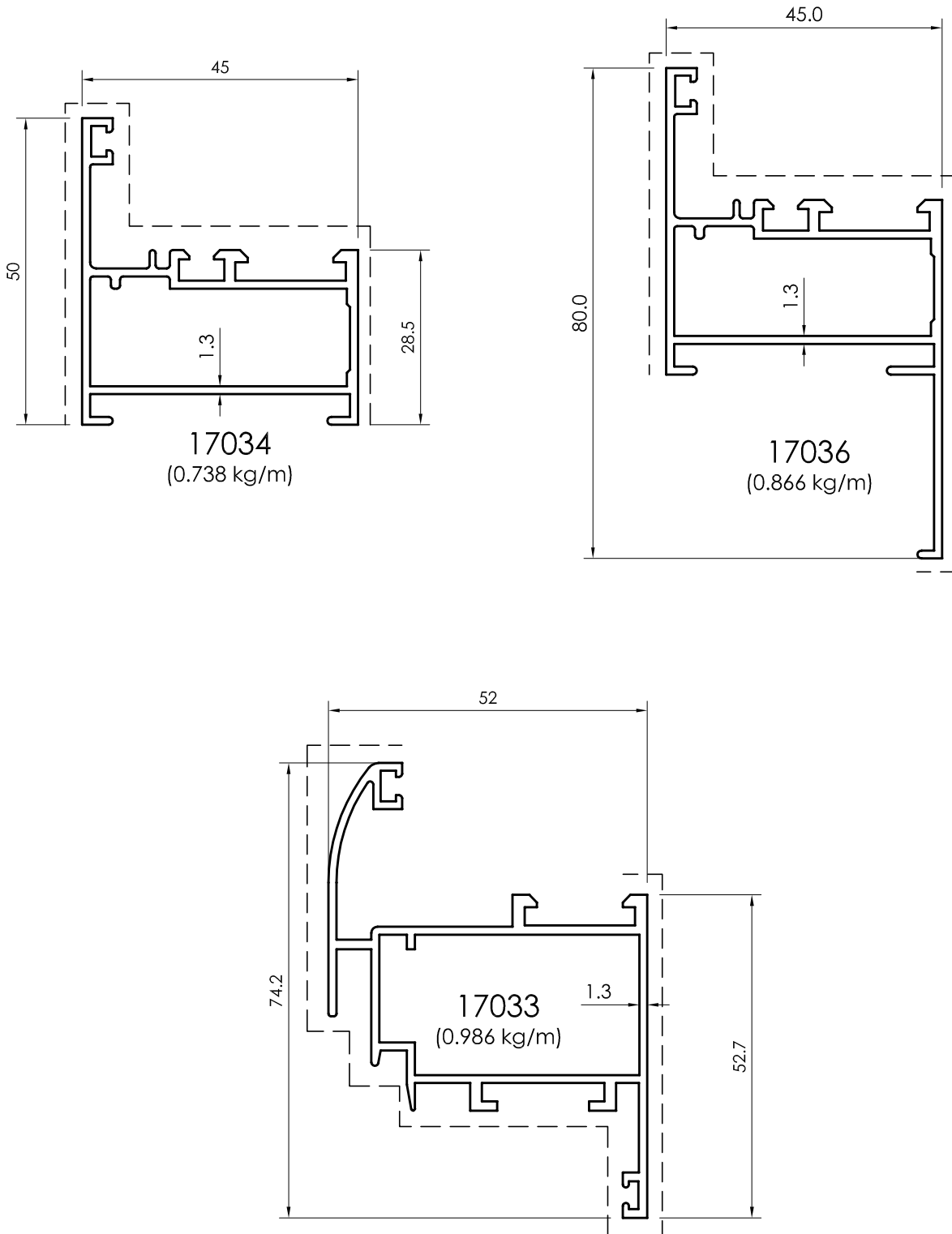
All dimensions in mm
----- Visible area

Hinged Window - 45mm



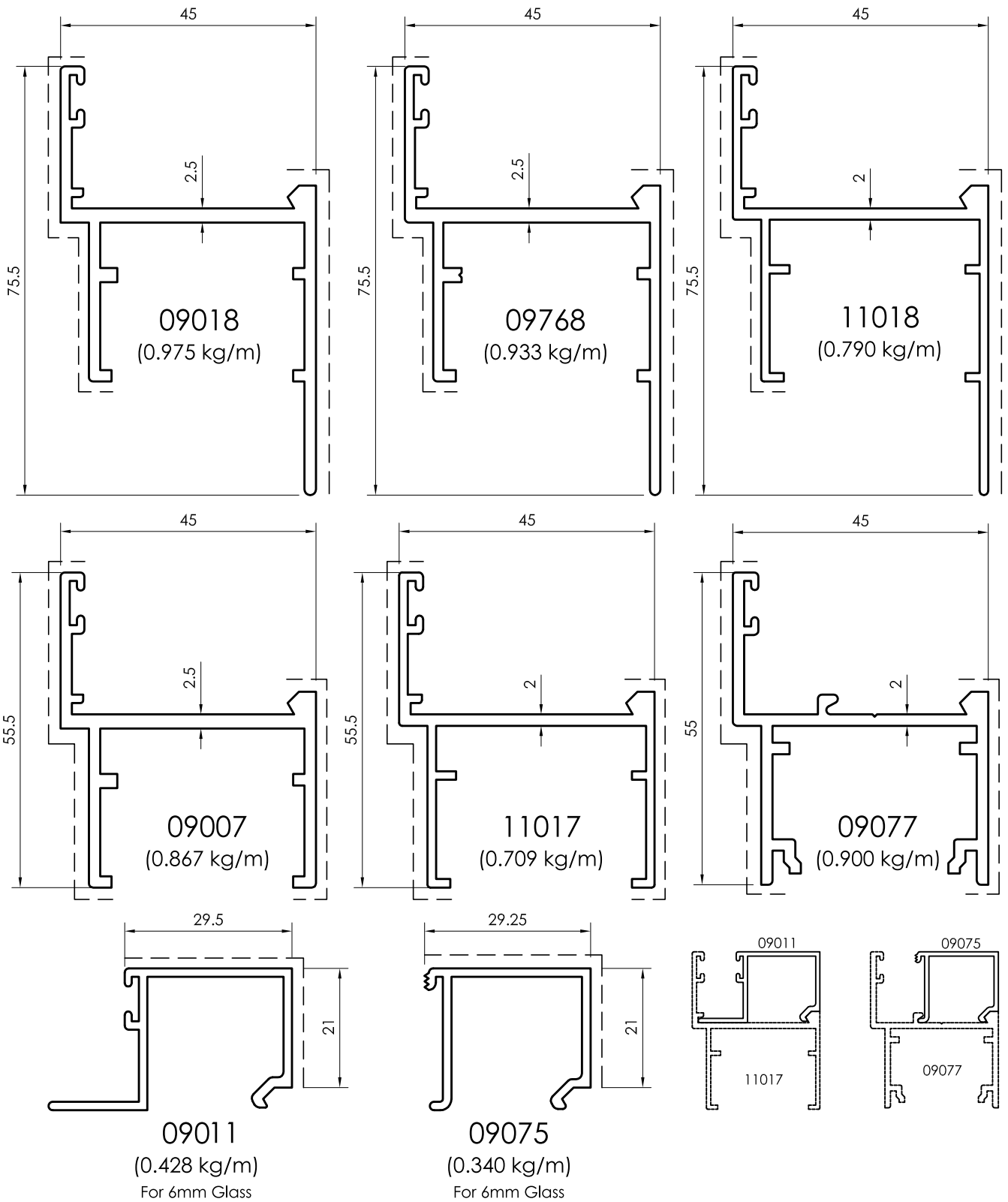
All dimensions in mm
Visible area_____

Hinged Window - 45mm



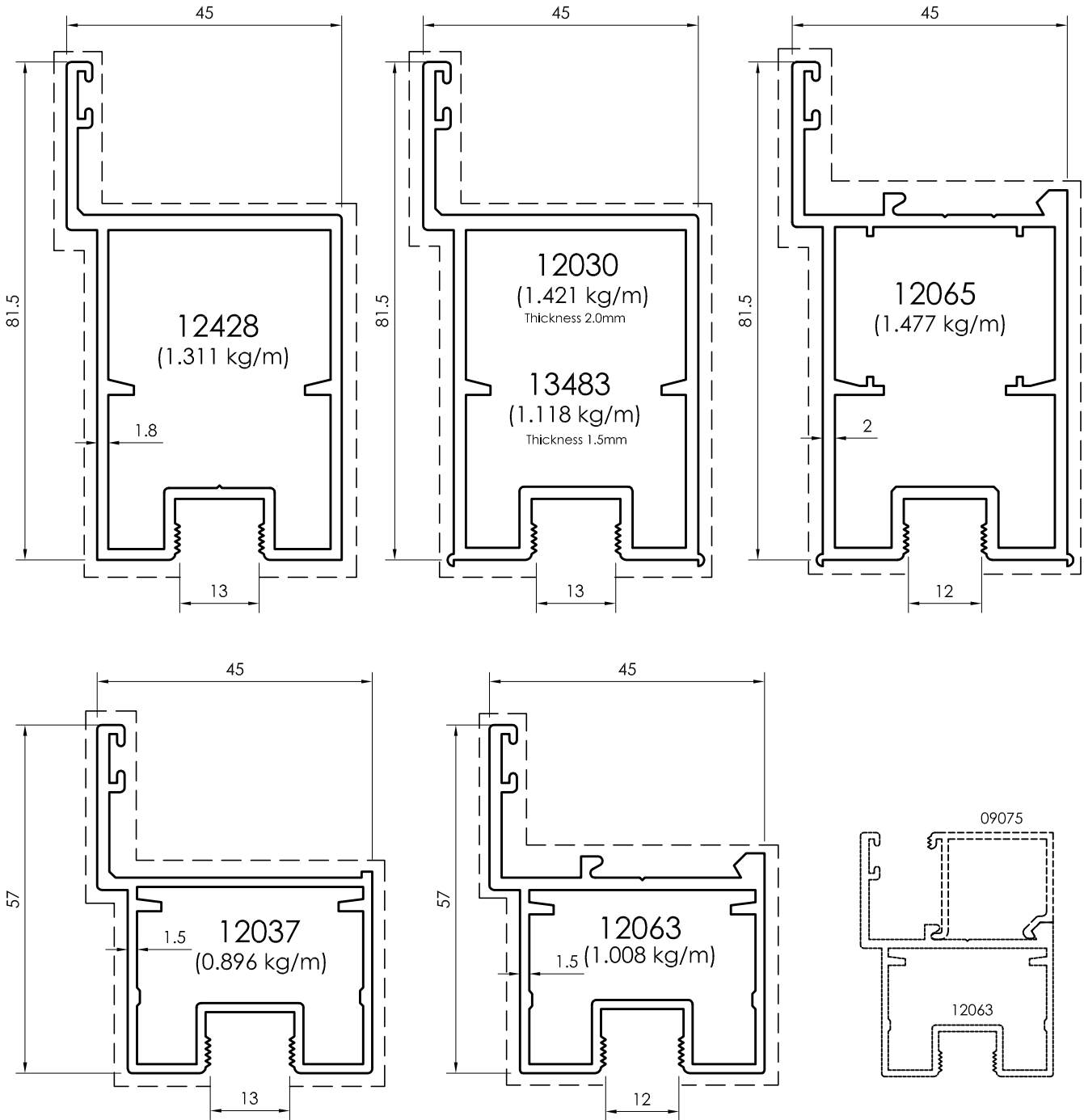
All dimensions in mm
 ----- Visible area

Hinged Window / Door - 45mm



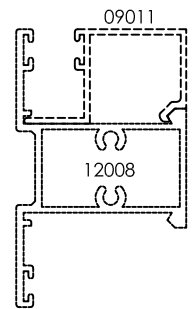
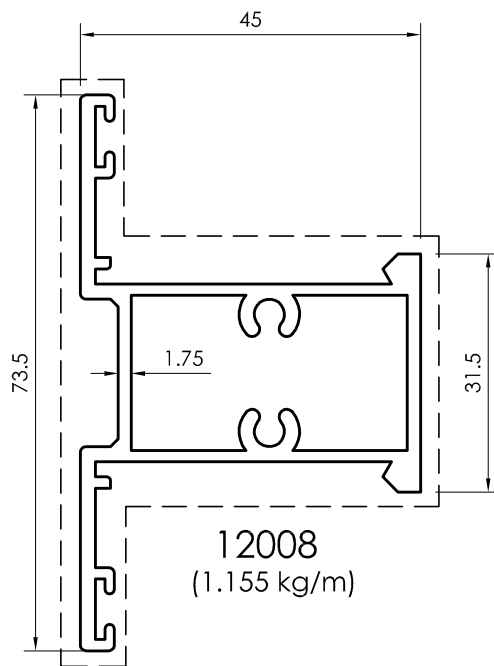
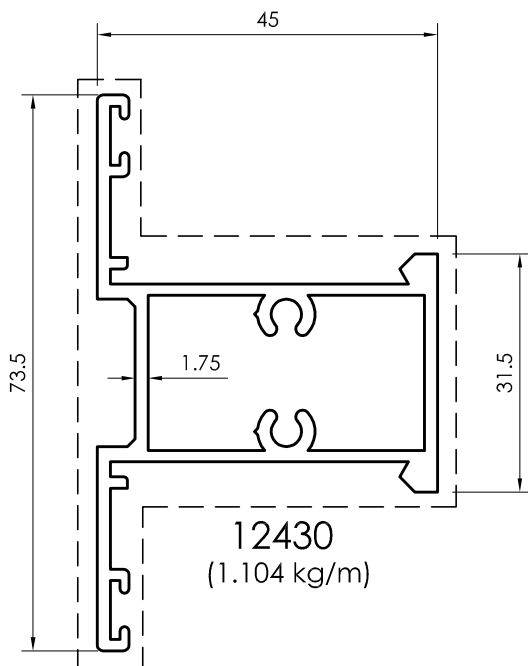
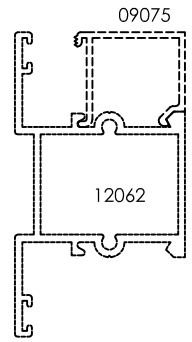
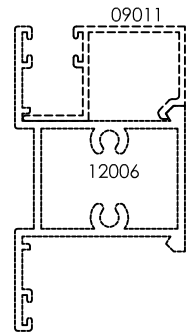
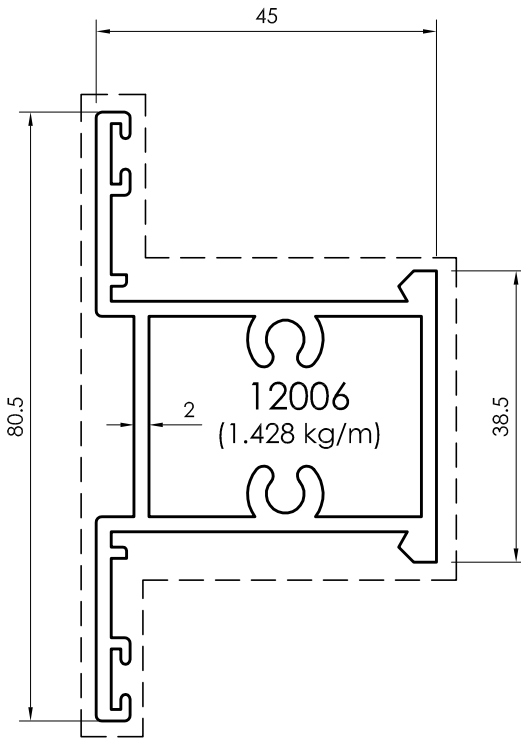
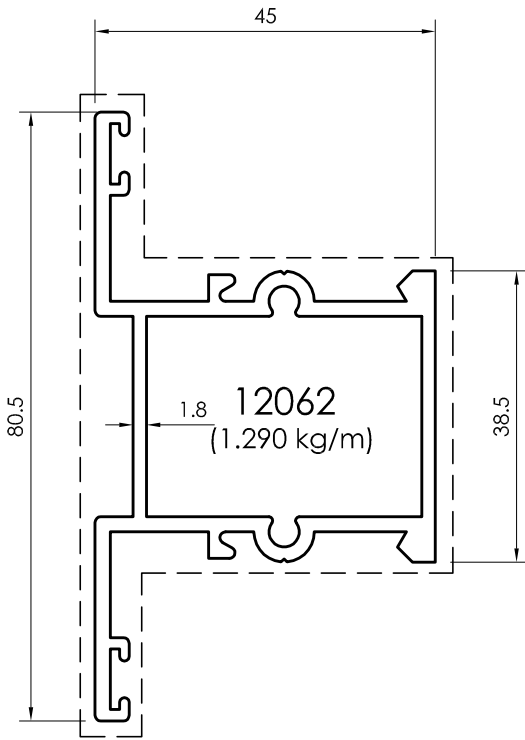
All dimensions in mm
Visible area_-----

Hinged Window / Door - 45mm



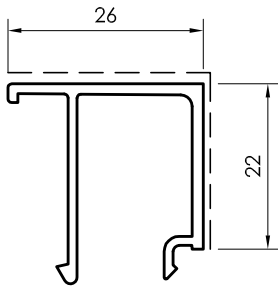
All dimensions in mm
 ----- Visible area

Hinged Window / Door - 45mm

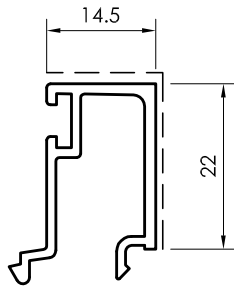


All dimensions in mm
Visible area_-----

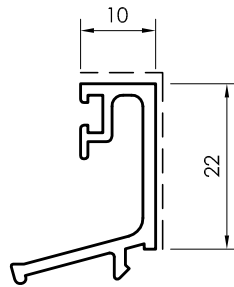
Glazing Beads Profiles



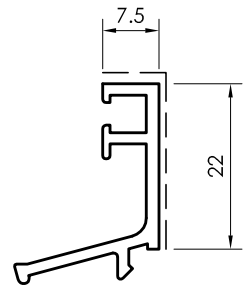
10371
(0.298 kg/m)
FOR 6MM & 8MM GLASS



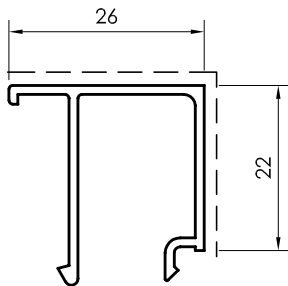
10377
(0.282 kg/m)
FOR 20MM GLASS



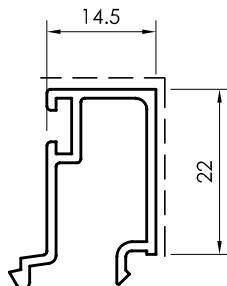
10464
(0.271 kg/m)
FOR 24MM GLASS



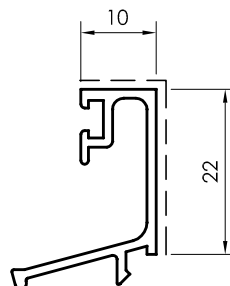
11321
(0.251 kg/m)
FOR SHEET 28MM GLASS



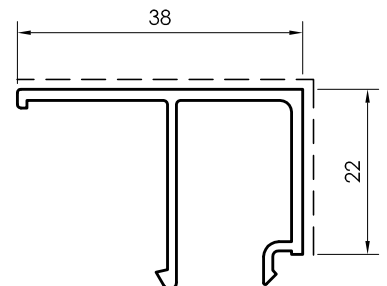
22927
(0.269 kg/m)
FOR 6MM & 8MM GLASS



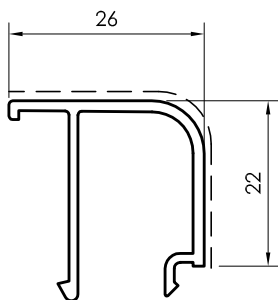
23195
(0.258 kg/m)
FOR 20MM GLASS



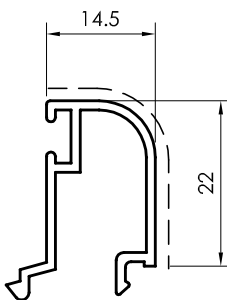
22928
(0.226 kg/m)
FOR 24MM GLASS



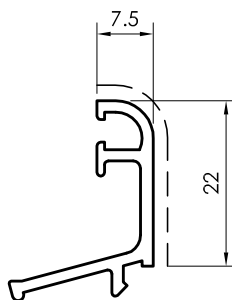
10381
(0.353 kg/m)
FOR SHEET 1.0MM & 2.0MM



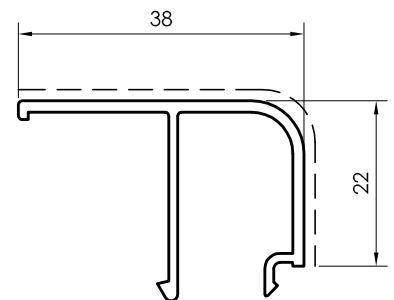
11730
(0.286 kg/m)
FOR 6MM & 8MM GLASS



23194
(0.249 kg/m)
FOR 20MM GLASS



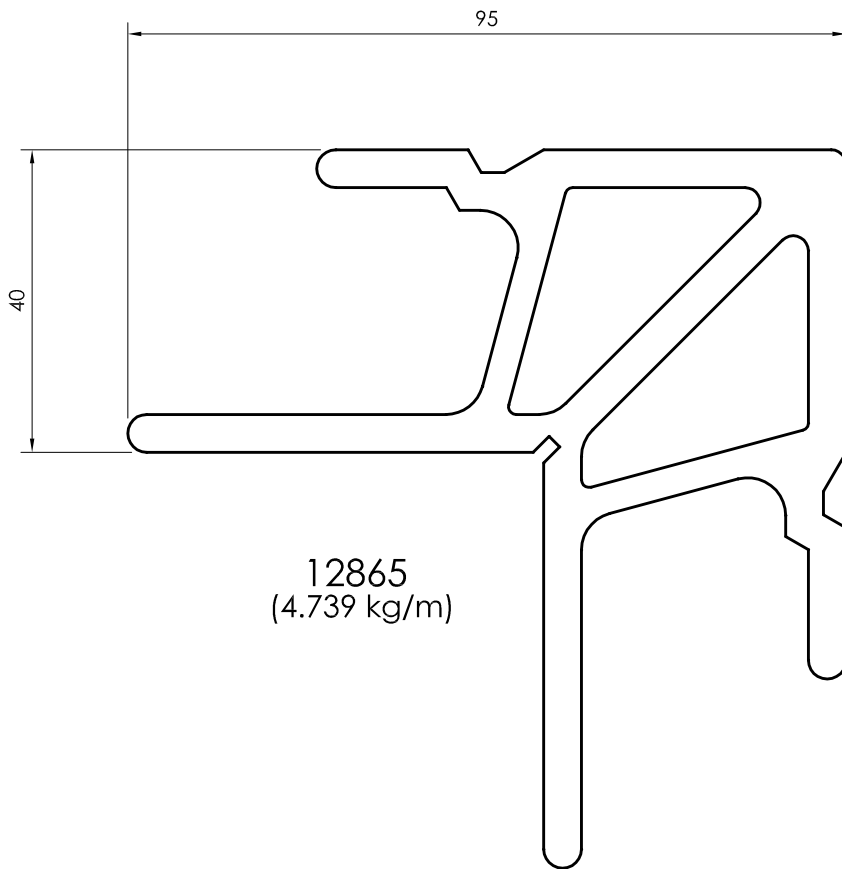
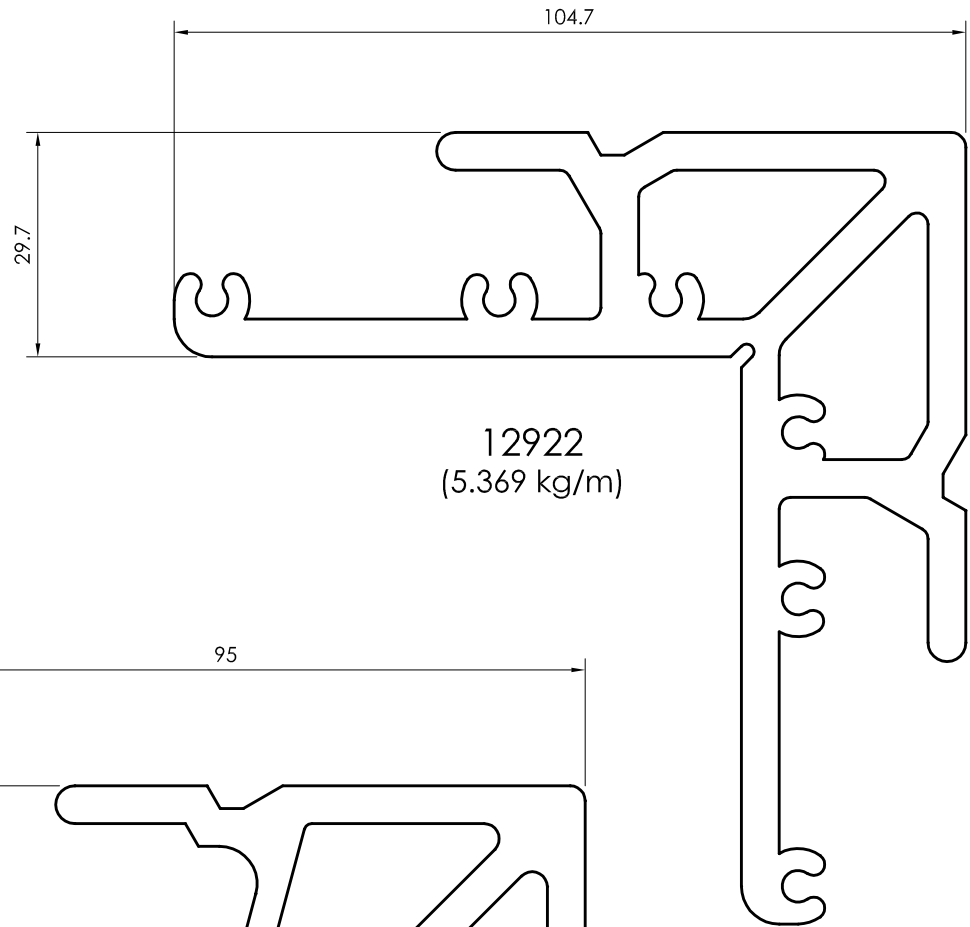
11729
(0.242 kg/m)
FOR SHEET 28MM GLASS



11547
(0.340 kg/m)
FOR SHEET 1.0MM & 2.0MM

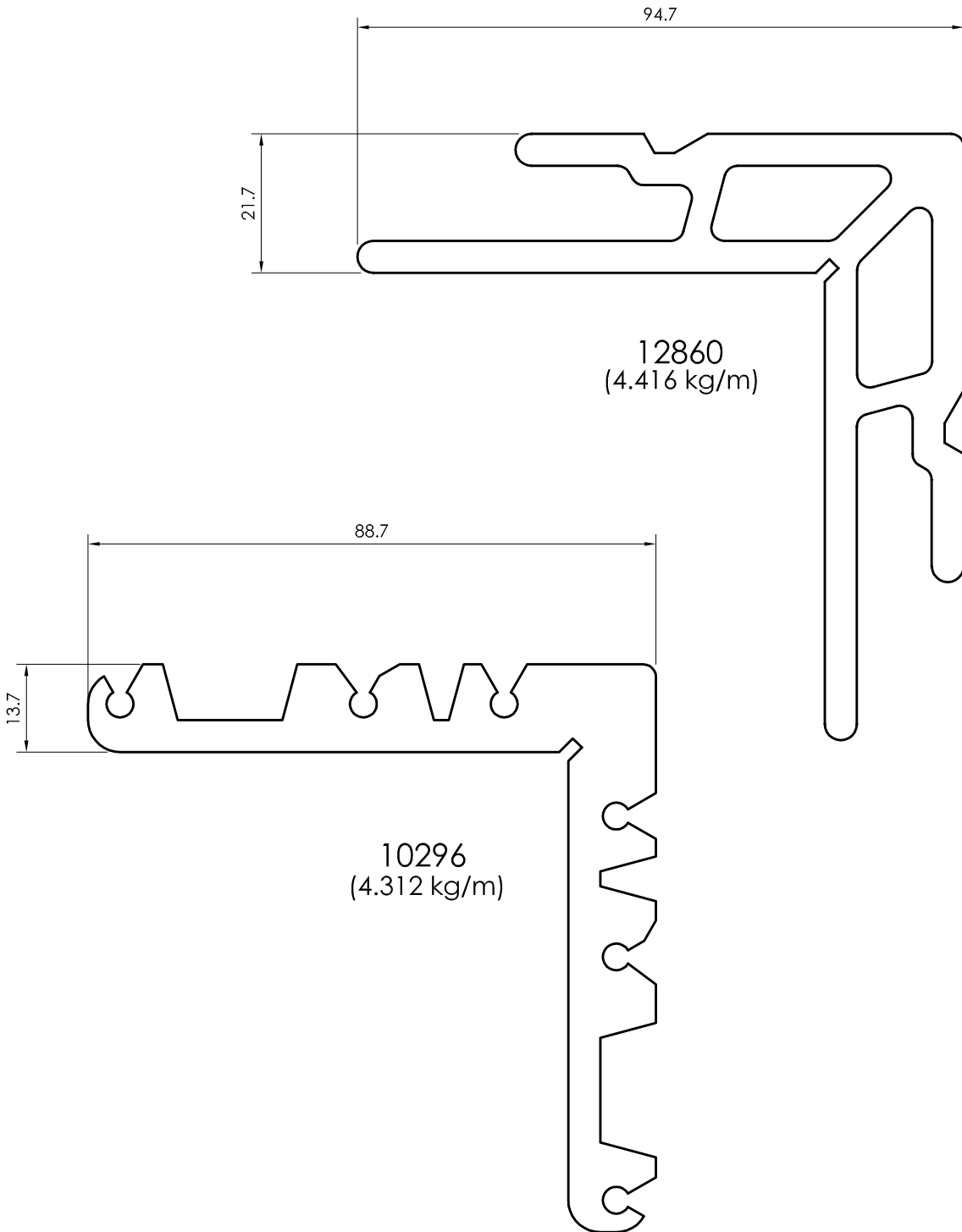
All dimensions in mm
----- Visible area

Corner Cleat Profiles



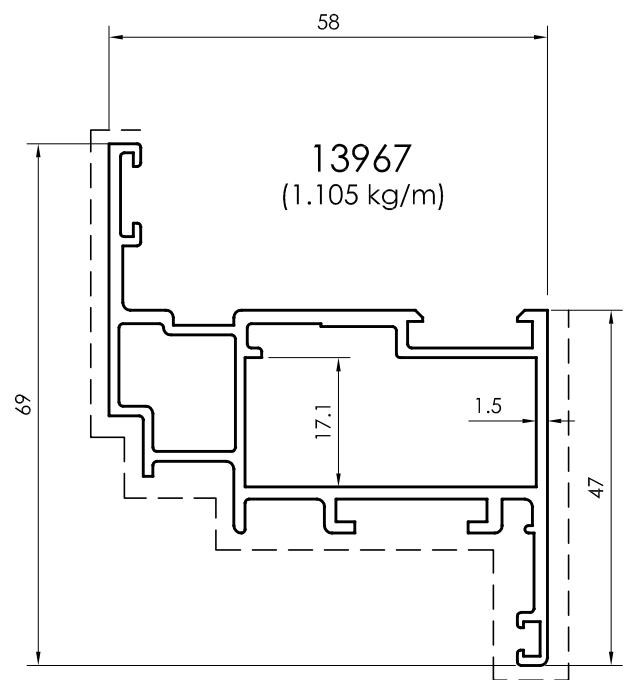
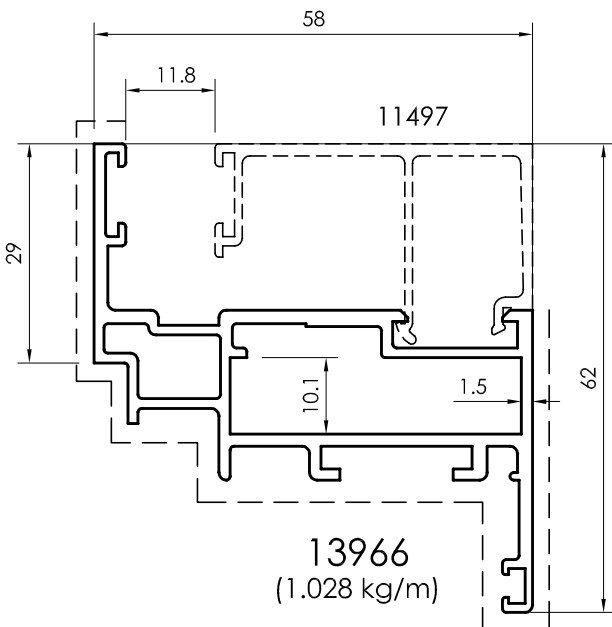
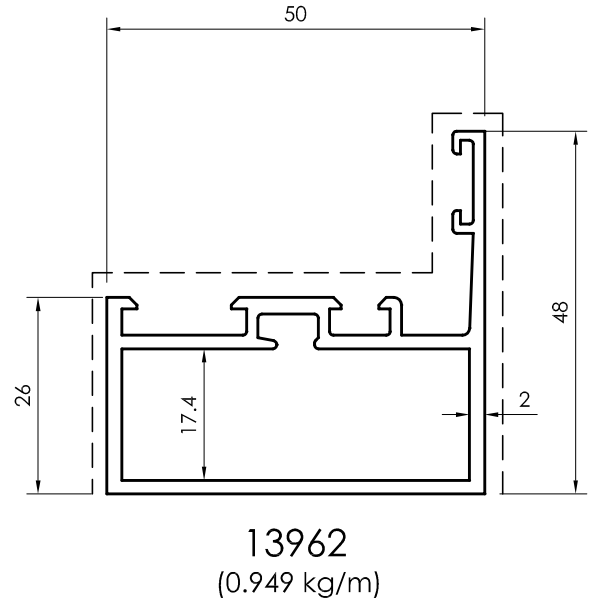
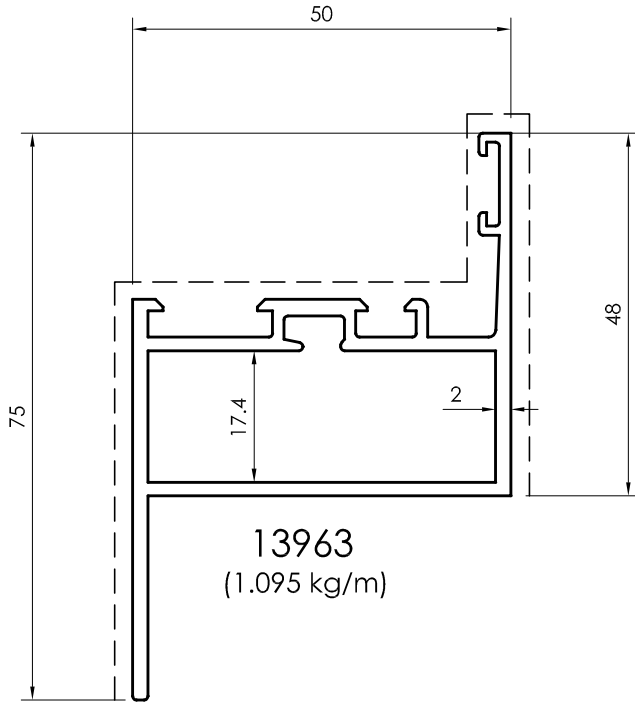
All dimensions in mm
Visible area_-----

Corner Cleat Profiles



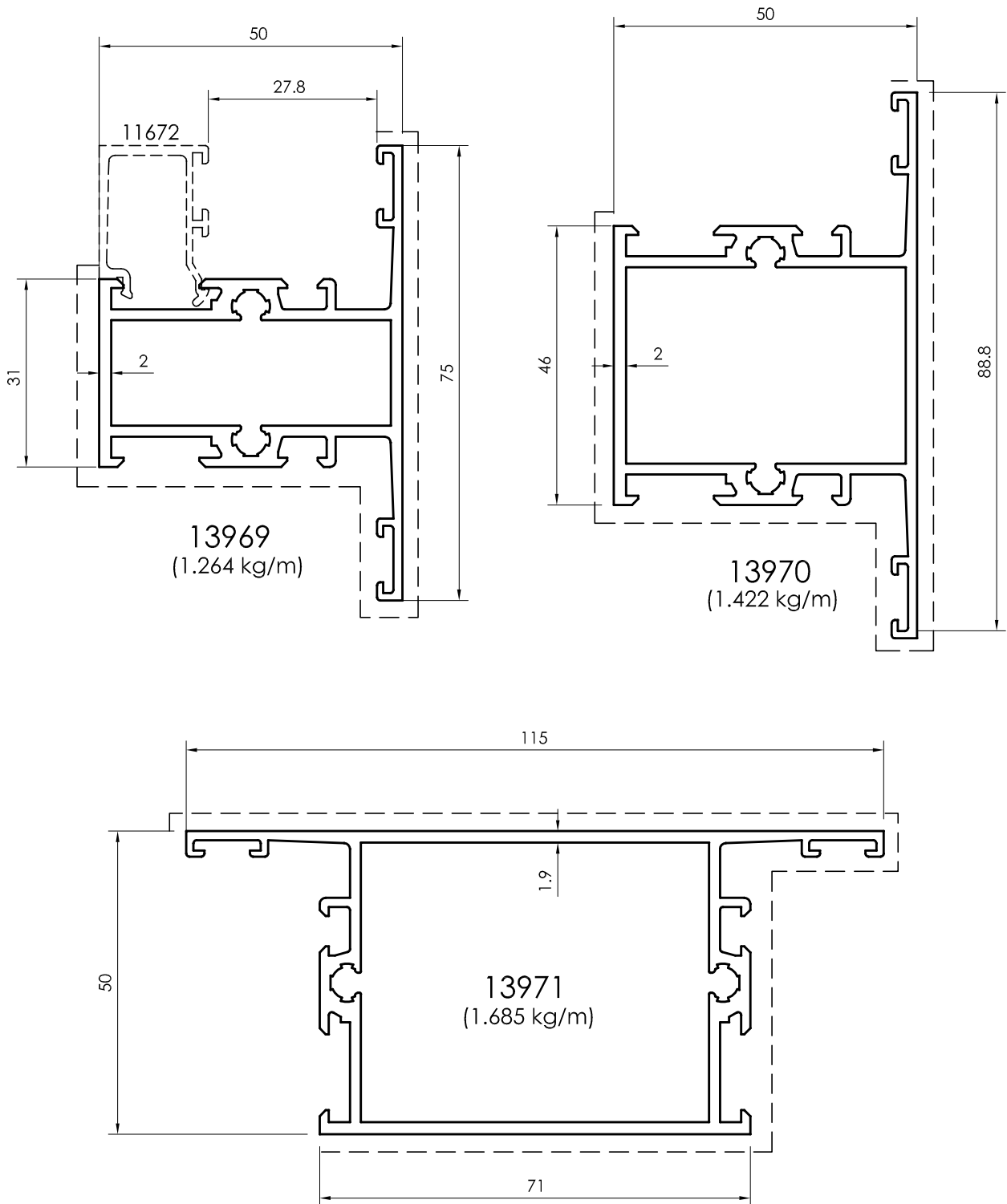
All dimensions in mm
----- Visible area

Hinged - 50mm



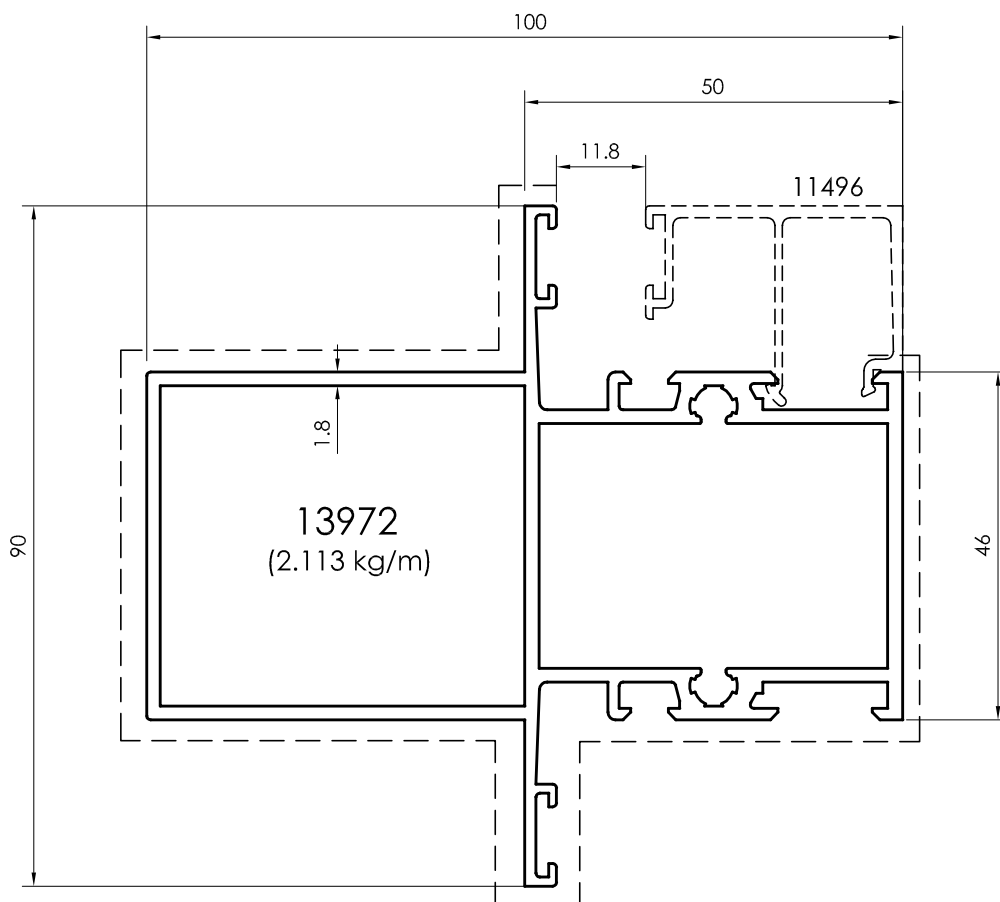
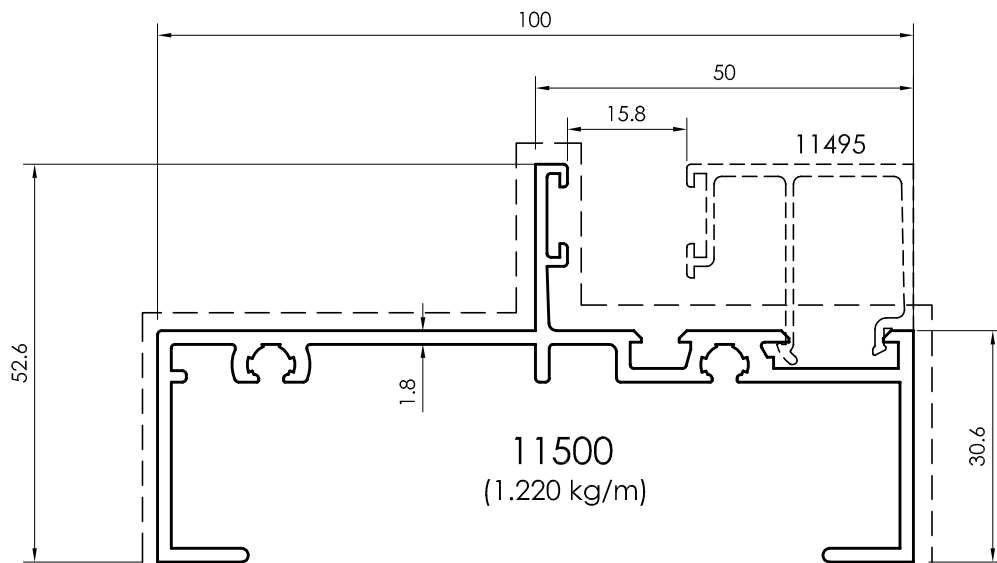
All dimensions in mm
Visible area_-----

Hinged - 50mm



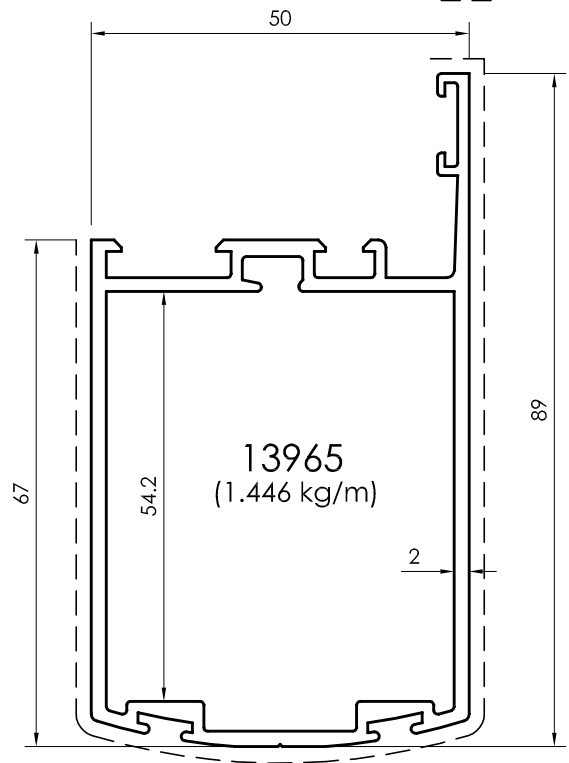
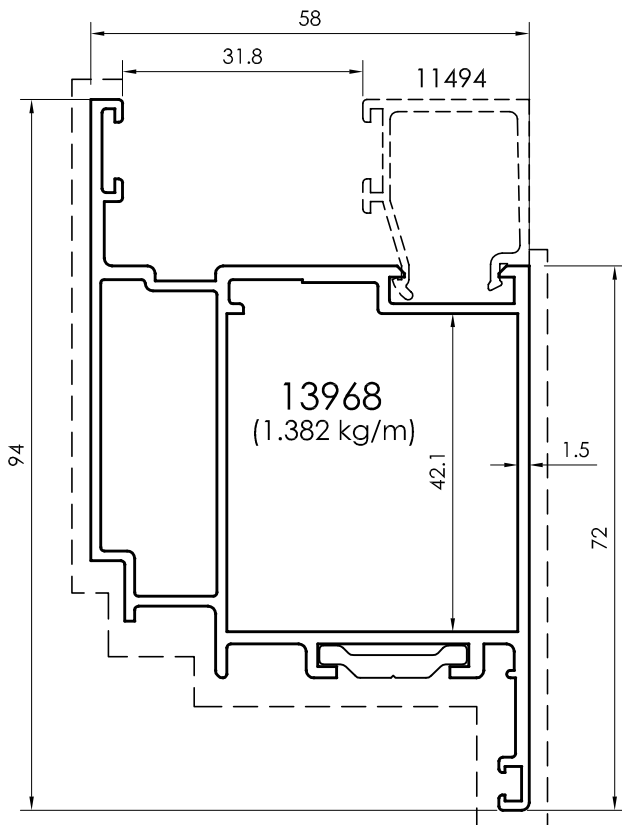
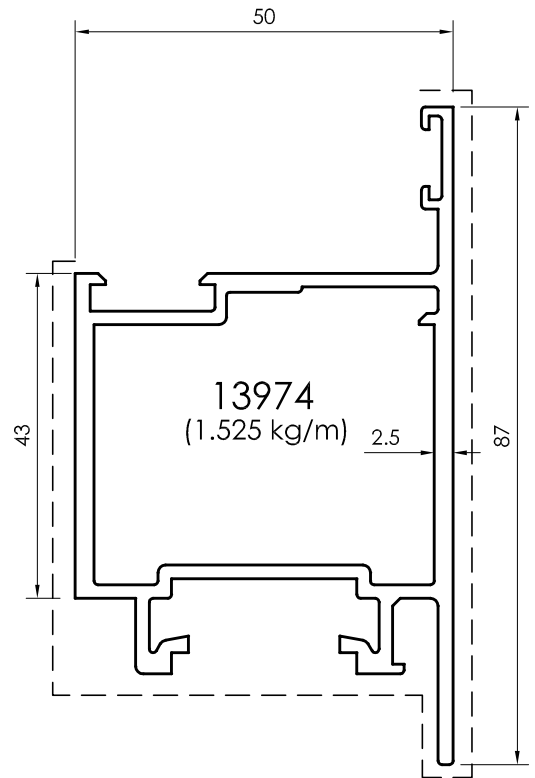
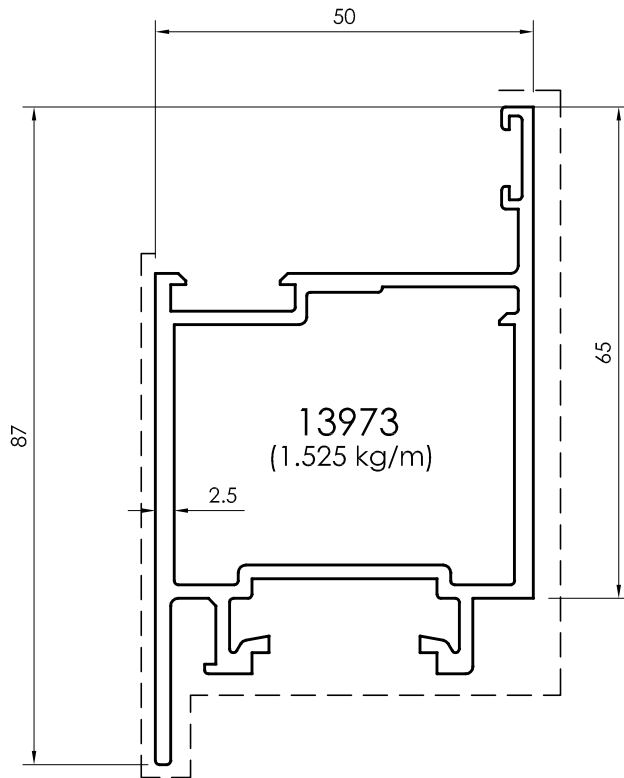
All dimensions in mm
 ----- Visible area

Hinged - 50mm



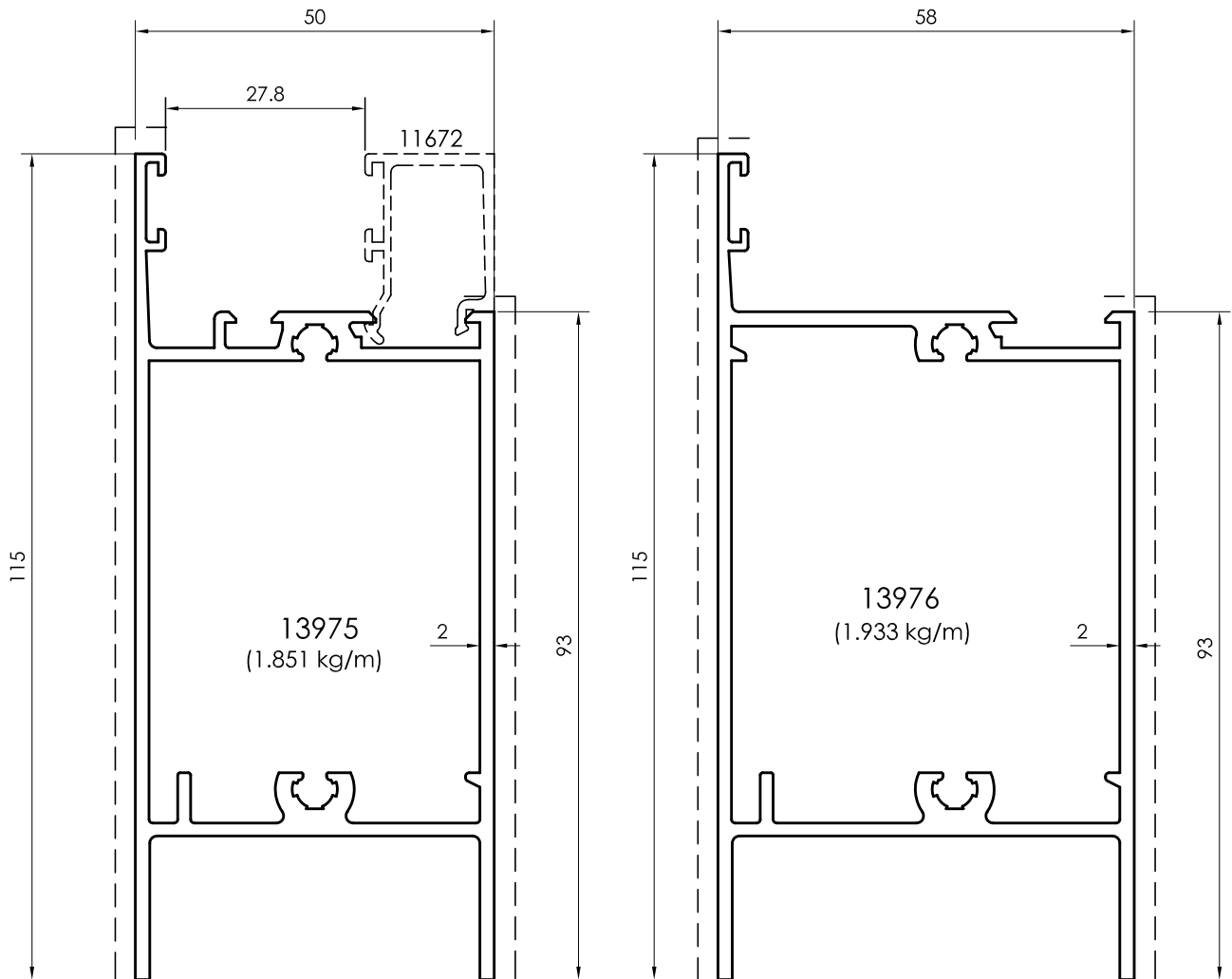
All dimensions in mm
Visible area_____

Hinged - 50mm



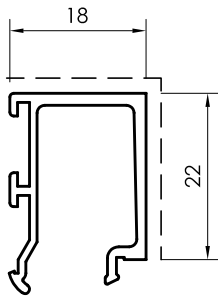
All dimensions in mm
 - - - - - Visible area

Hinged - 50mm

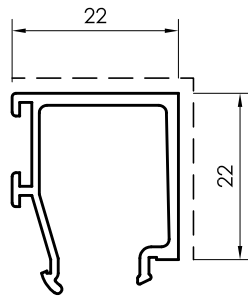


All dimensions in mm
Visible area_____

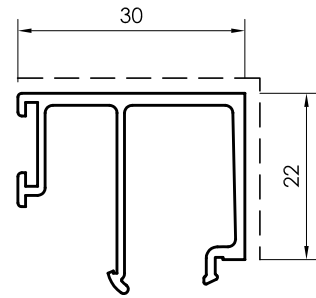
Hinged - 50mm



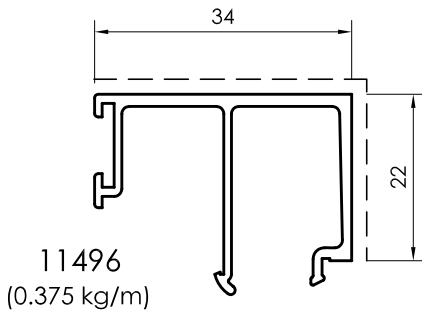
11672
(0.274 kg/m)



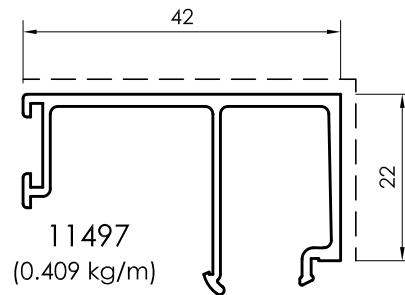
11494
(0.291 kg/m)



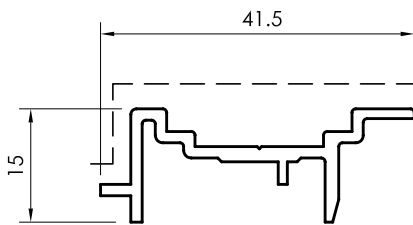
11495
(0.357 kg/m)



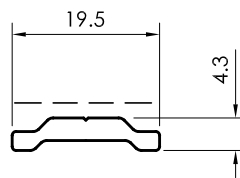
11496
(0.375 kg/m)



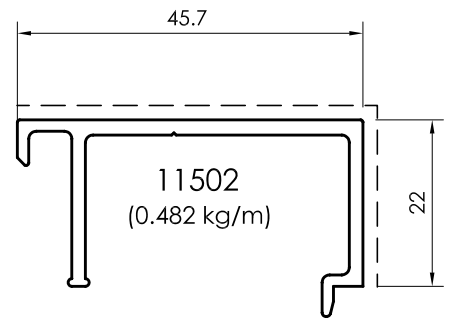
11497
(0.409 kg/m)



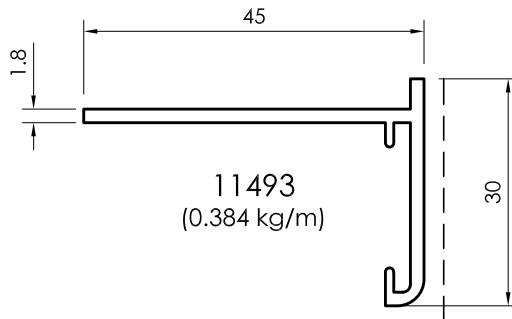
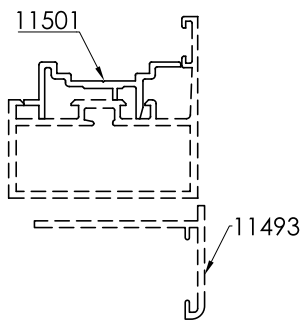
11501
(0.322 kg/m)



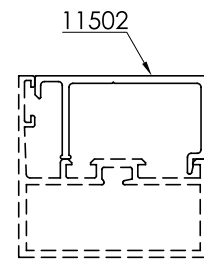
11503
(0.142 kg/m)



11502
(0.482 kg/m)

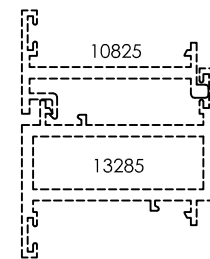
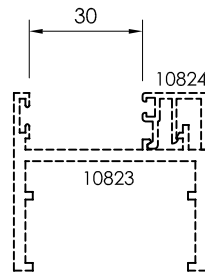
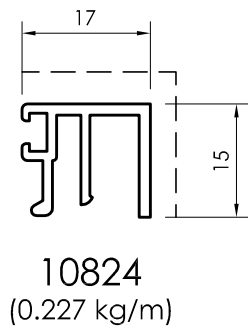
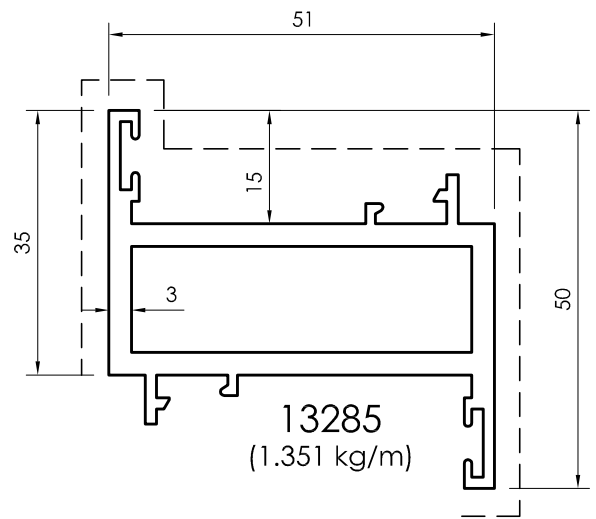
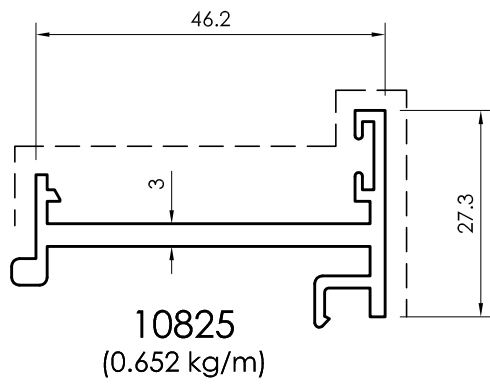
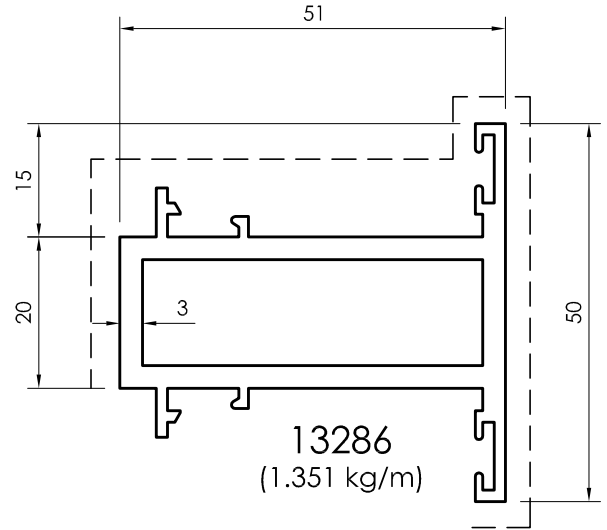
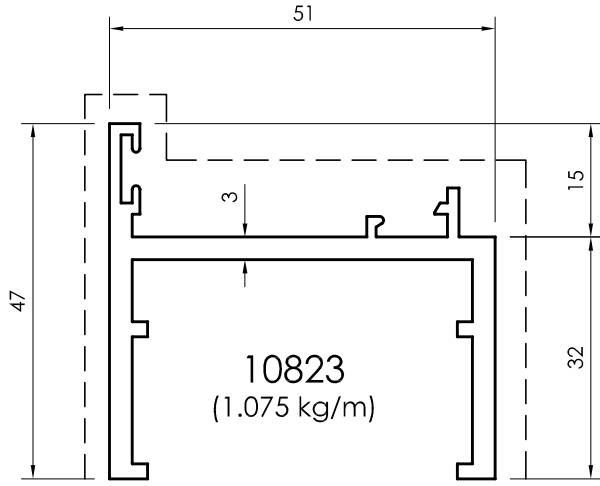


11493
(0.384 kg/m)



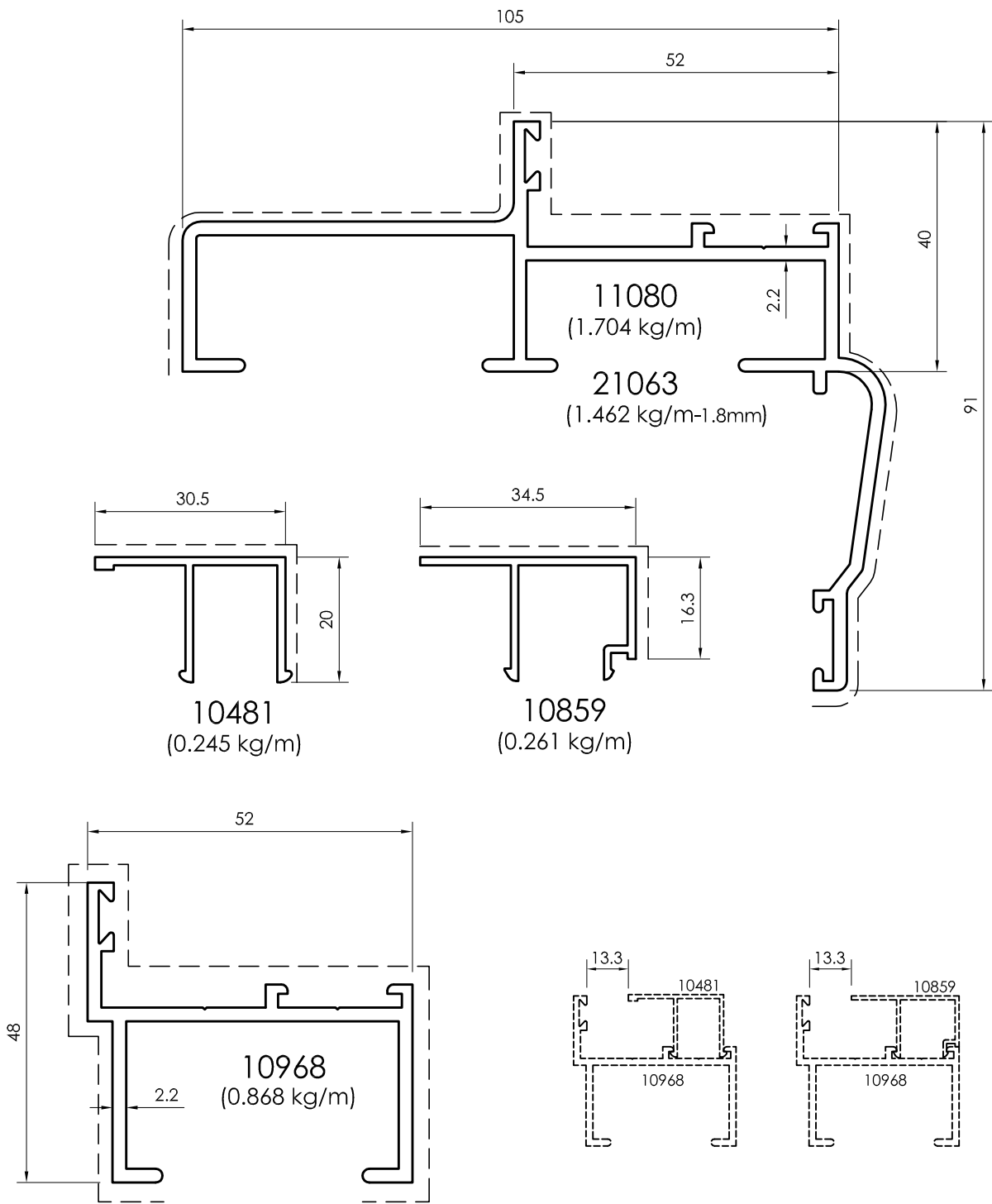
All dimensions in mm
----- Visible area

Hinged Window- 51mm



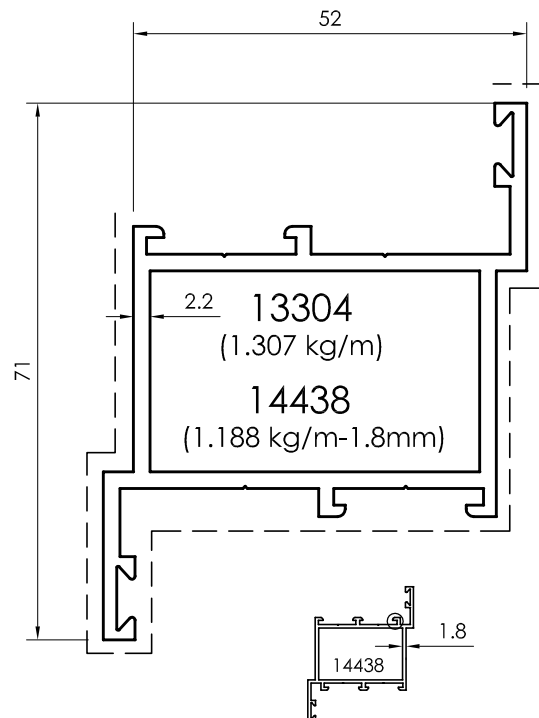
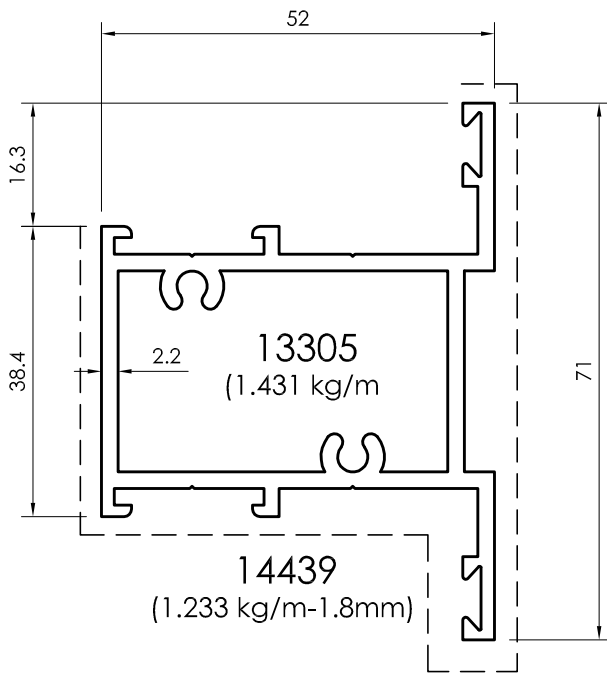
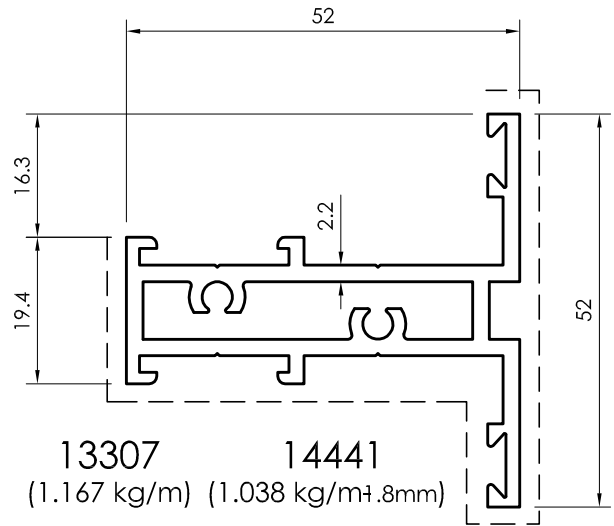
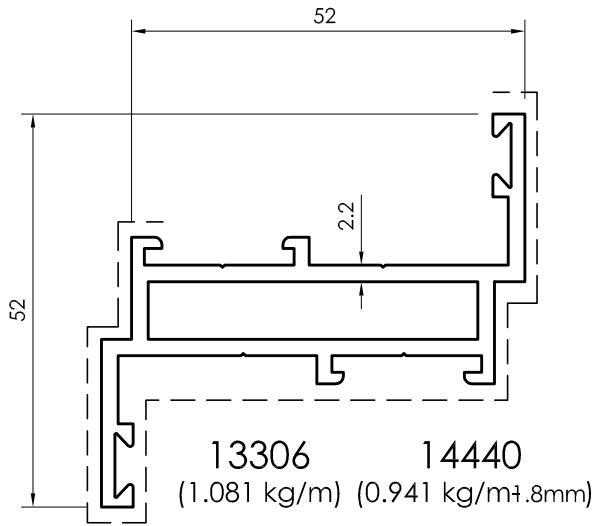
All dimensions in mm
Visible area_-----

Hinged Window / Door - 52mm



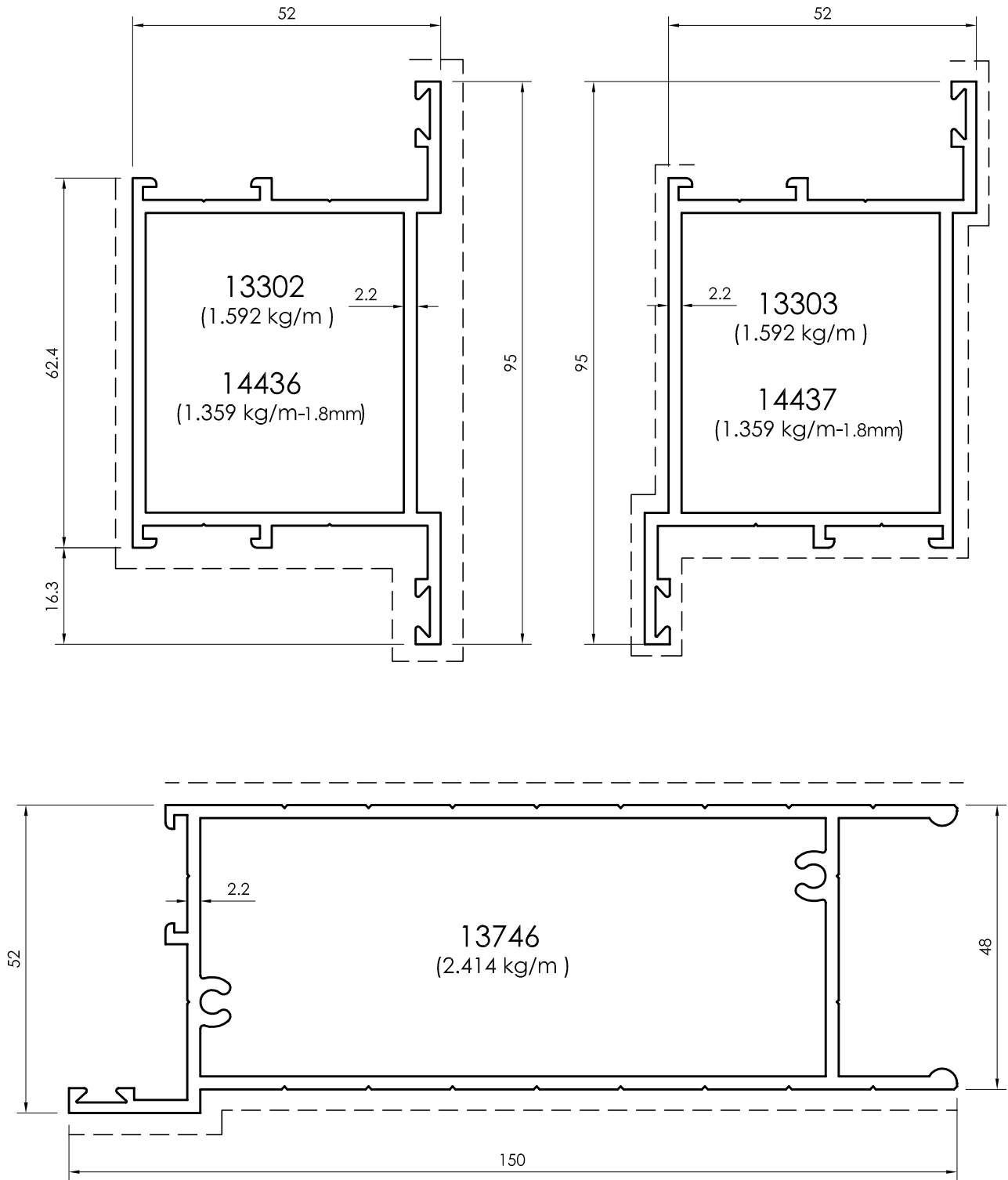
All dimensions in mm
 - - - - - Visible area

Hinged Window / Door - 52mm



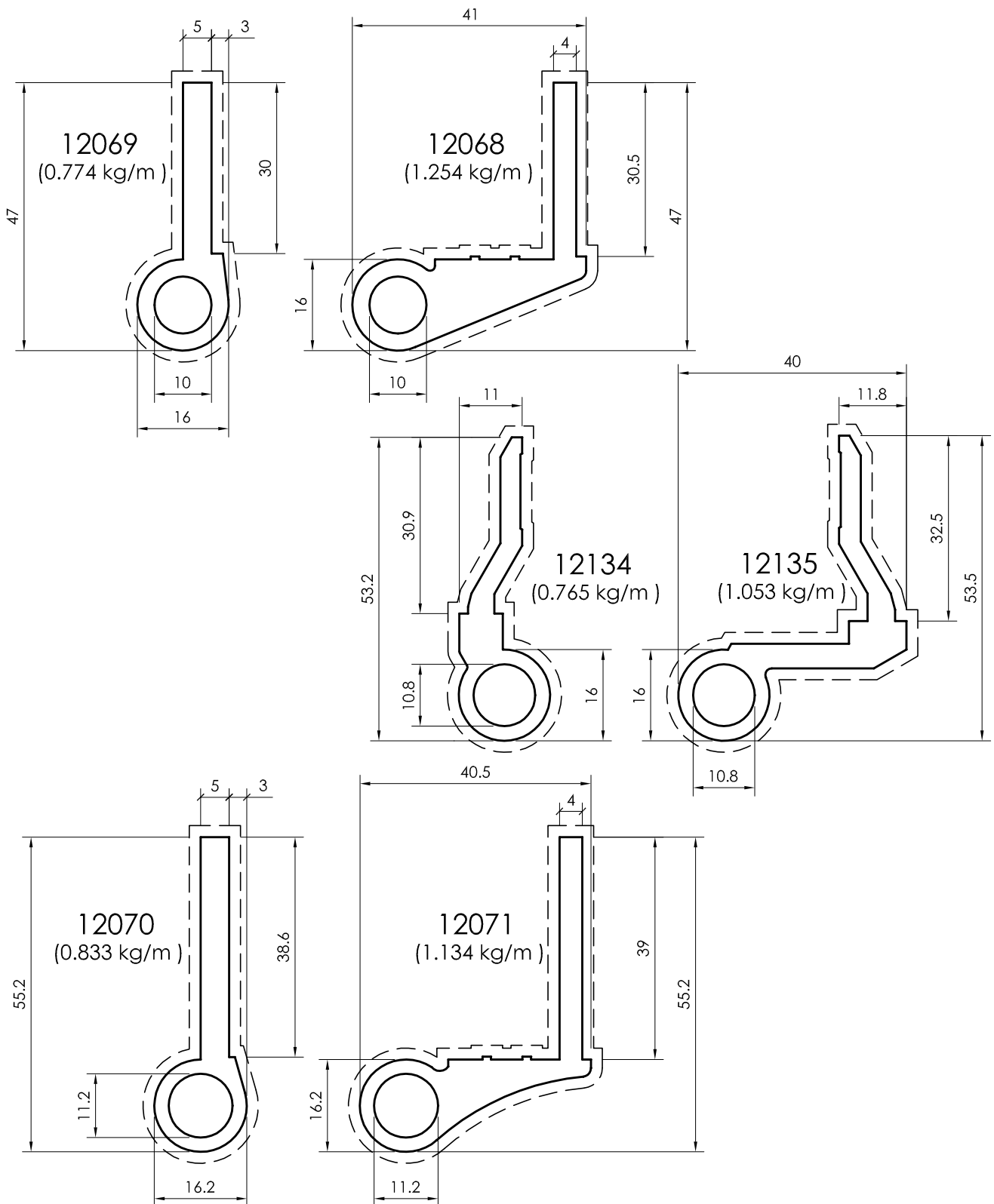
All dimensions in mm
Visible area_-----

Hinged Window / Door - 52mm



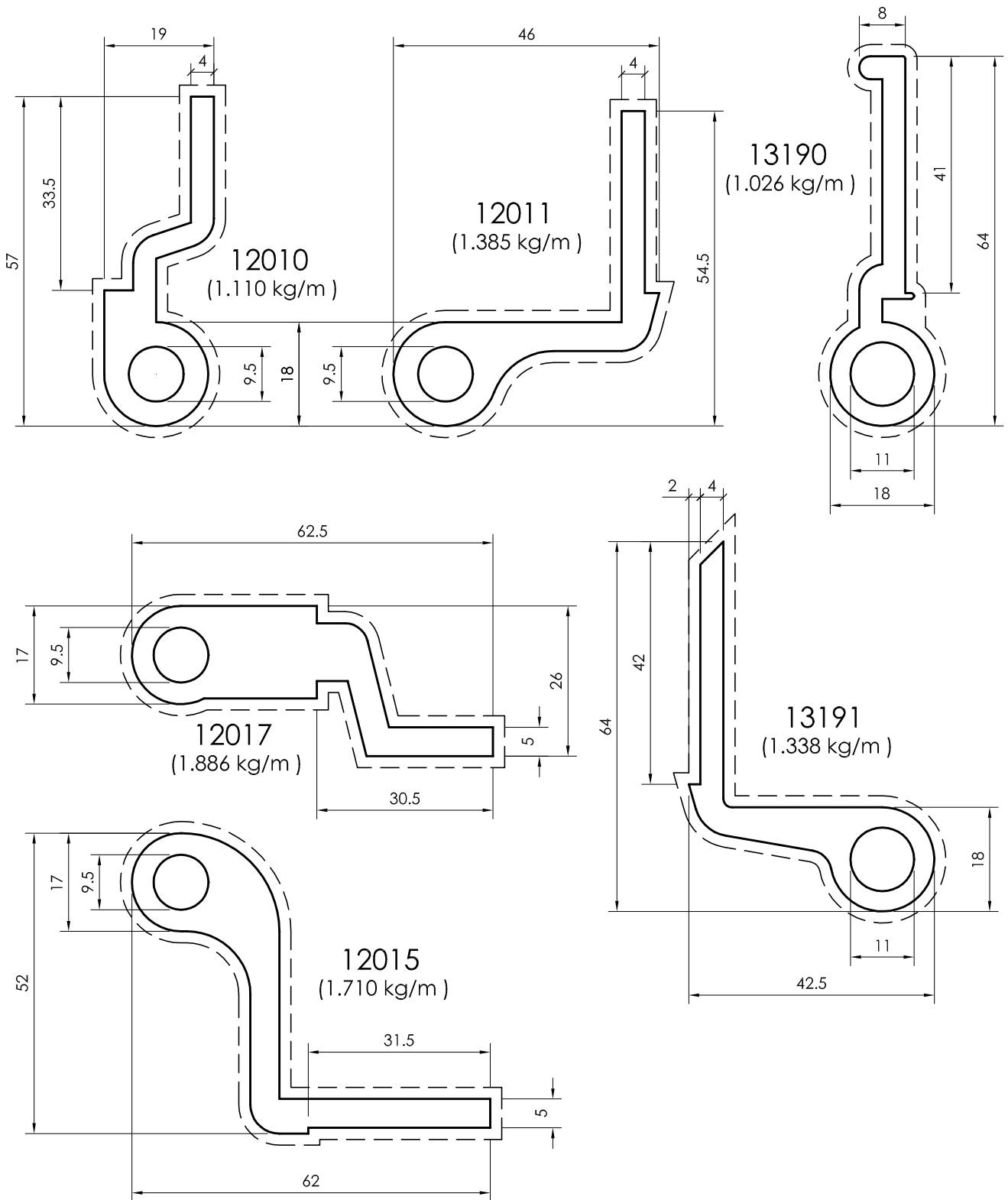
All dimensions in mm
 ----- Visible area

Hinges - Window / Door



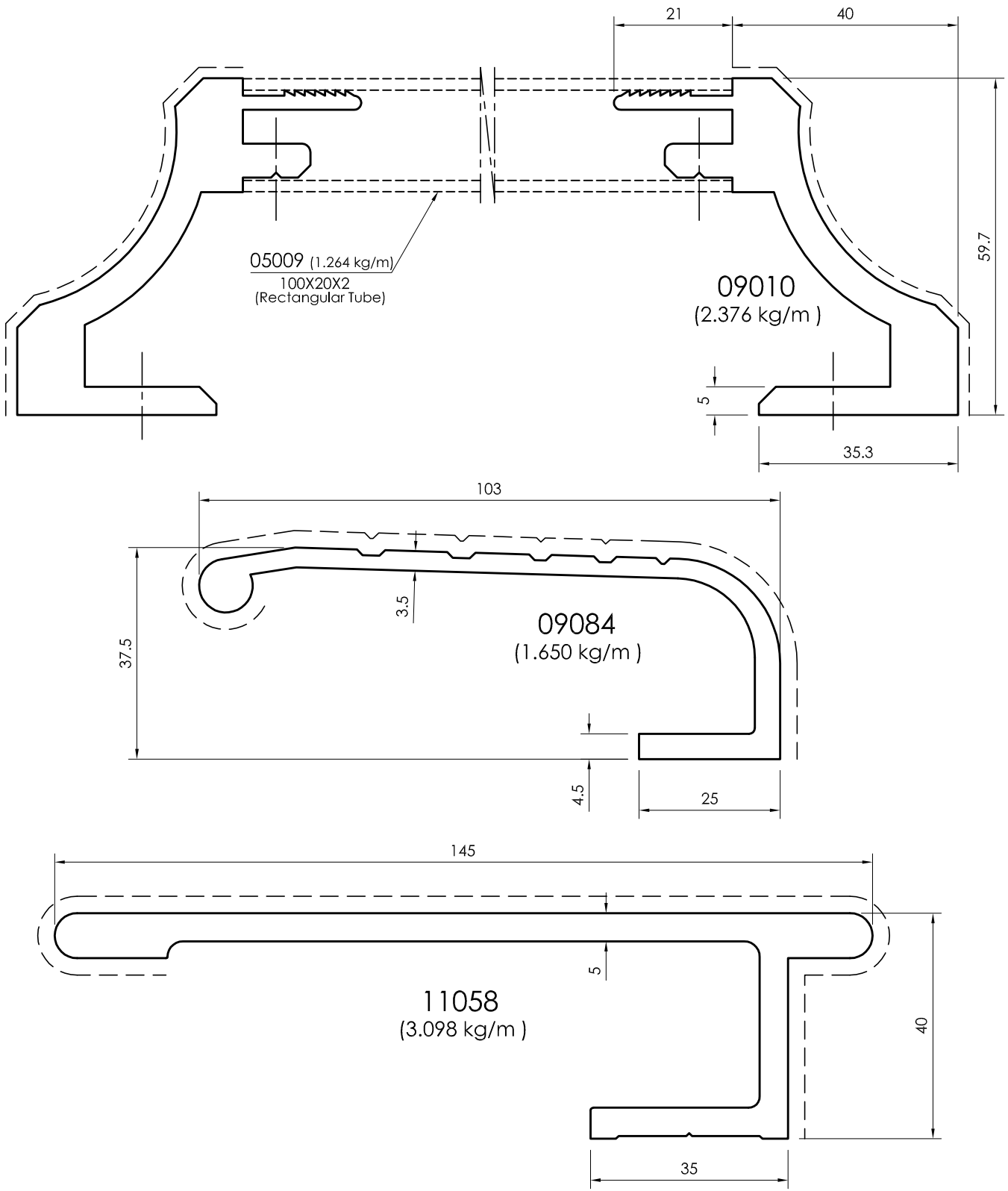
All dimensions in mm
Visible area_-----

Hinges - Window / Door



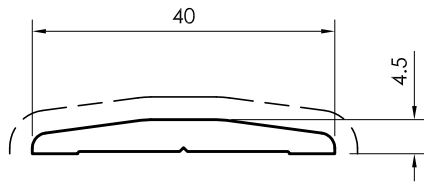
All dimensions in mm
 ----- Visible area

Handles - Hinged / Swing Door

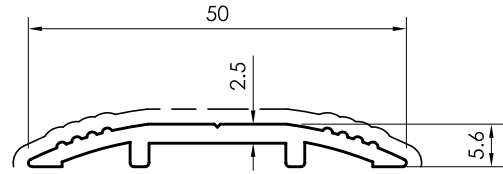


All dimensions in mm
Visible area_-----

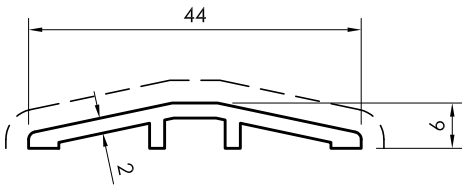
Threshold Profiles



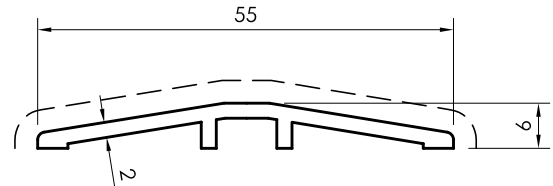
10081
(0.377 kg/m)



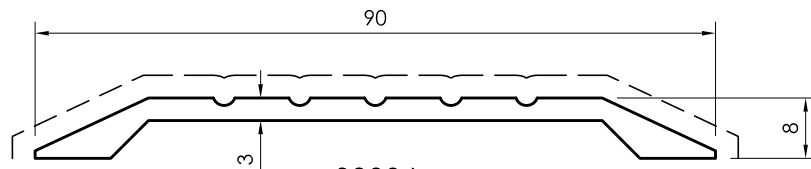
23840
(0.350 kg/m)



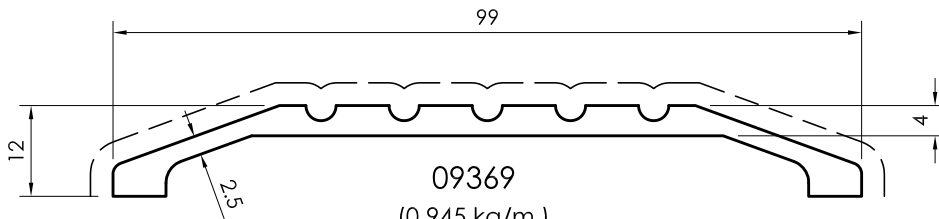
10077
(0.288 kg/m)



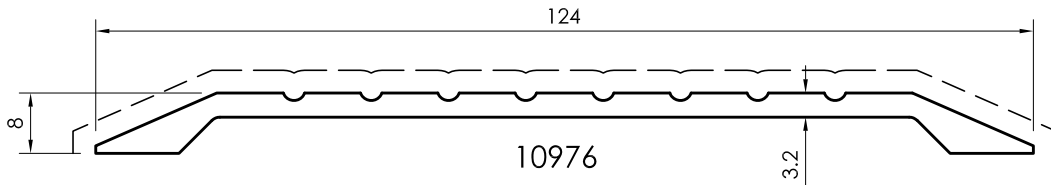
10078
(0.345 kg/m)



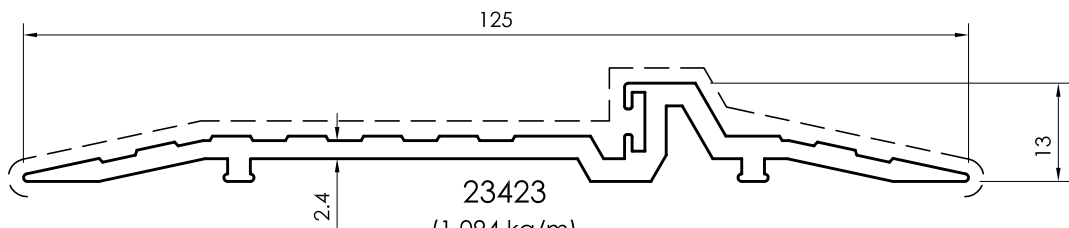
09006
(0.755 kg/m)



09369
(0.945 kg/m)



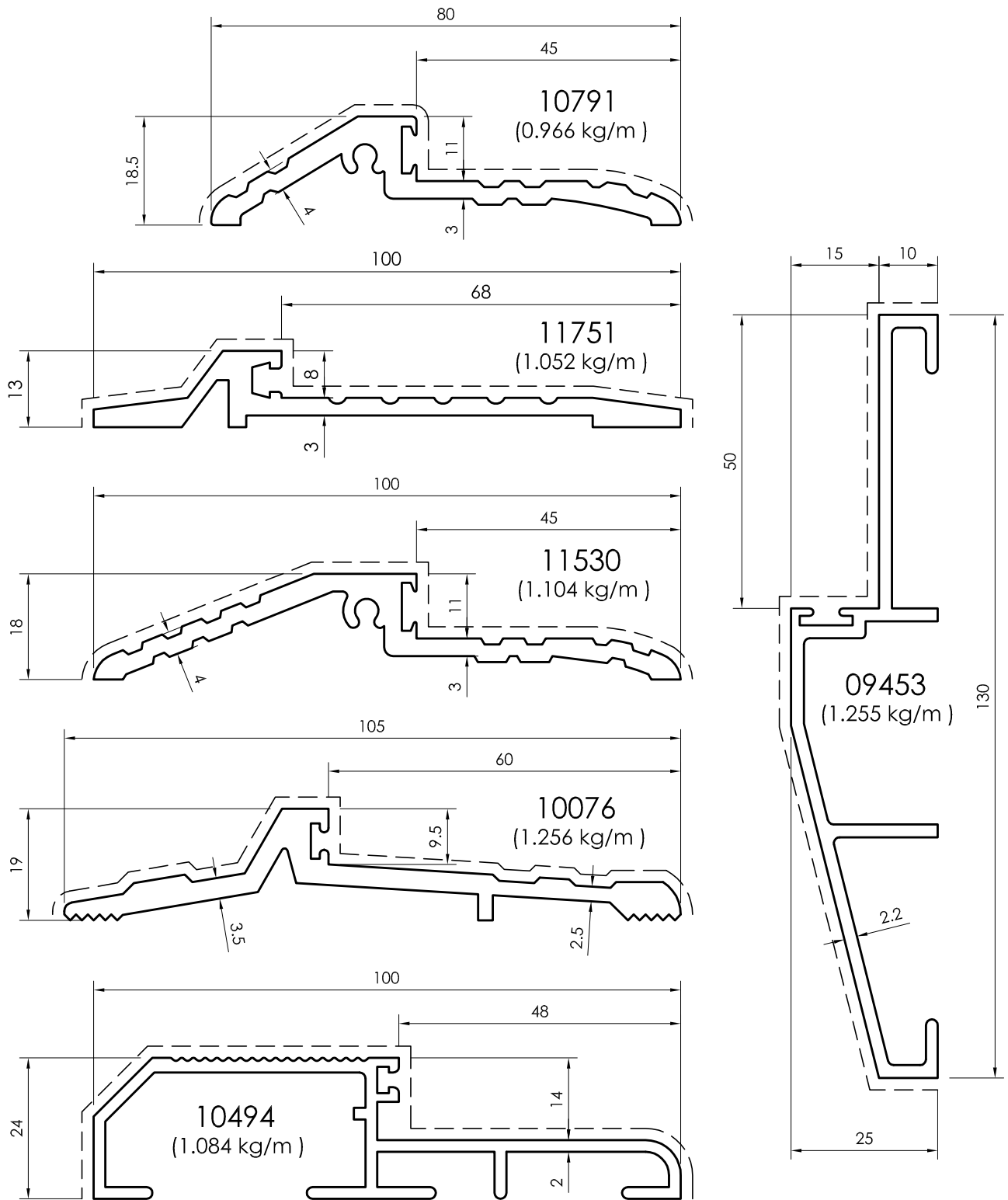
10976
(1.072 kg/m)



23423
(1.094 kg/m)

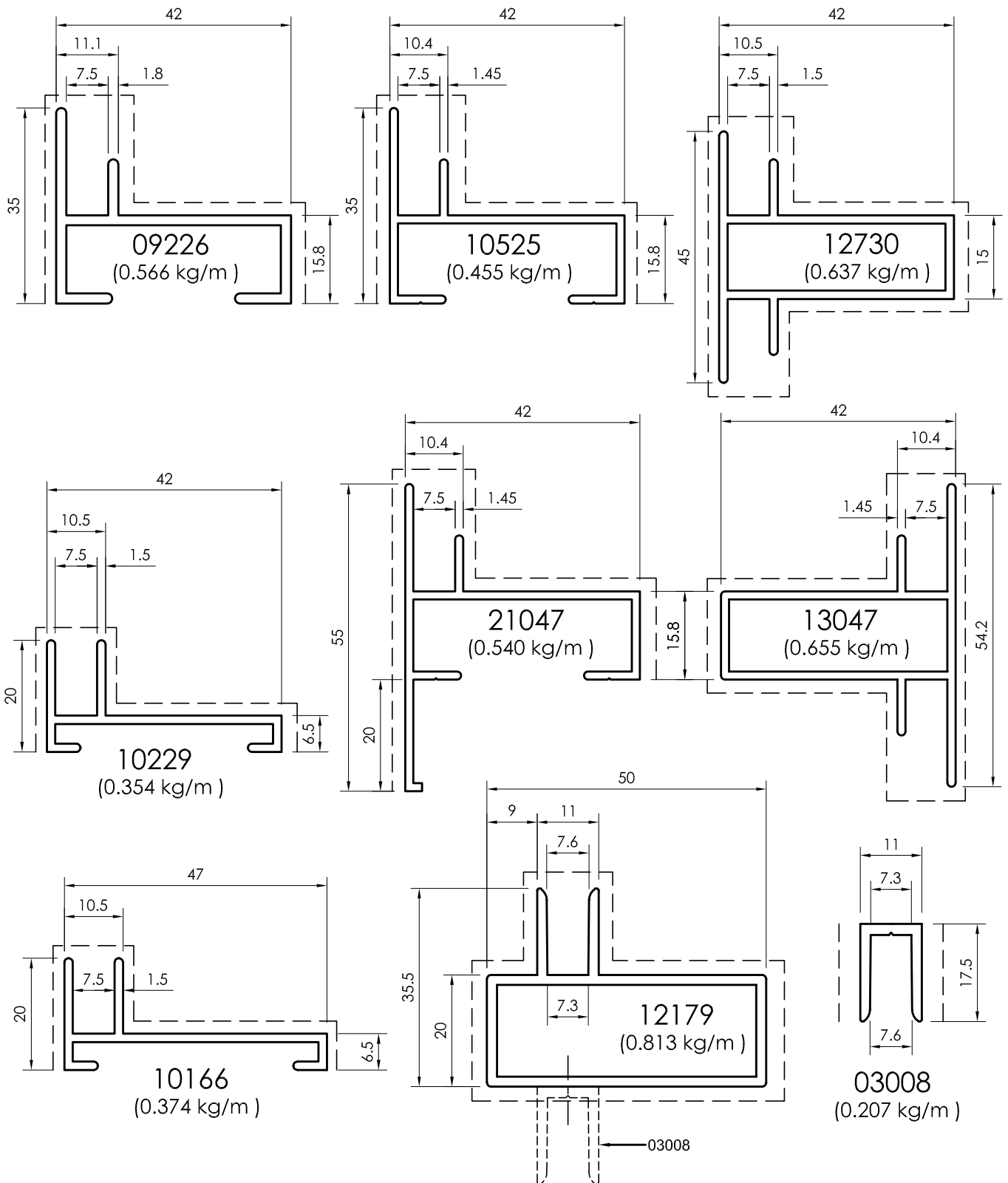
All dimensions in mm
----- Visible area

Threshold Profiles



All dimensions in mm
Visible area_-----

Amplimesh



All dimensions in mm
 - - - - - Visible area

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