



Aluminium

Australian Product Guide 2025



VULCAN.CO

VULCAN▲

Vulcan is your trusted, customer-focused supplier and processor of aluminium, stainless, carbon and engineering steels across Australia. We operate our own transport fleet, providing an end-to-end solution for our customers, from ordering to processing and delivery.

Vulcan Aluminium specialises in custom dies and extrusions tailored to customer requirements. Our experienced team, from sales to design engineers and plant operators, offer over 100 years of expertise. We work closely with customers from concept to completion, providing detailed drawings and 3D printed models if needed, to ensure a smooth process and delivery of accurate, high-quality extruded products.

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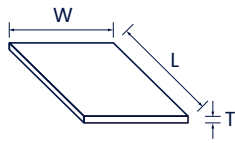
01 /

Rolled Product

Sheet & Plate - Grade 5005	3
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*Please contact your local branch for stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.*

Sheet & Plate – SA & PAL



Sheets available in 50µm PE Film, 80µm PE Film and/or PE 100µm Laser Film.

0.6 mm sheets come in stucco embossed.

* Sheets have thickness of 5mm & less.

Plate have thickness of 6mm & more.

GRADE 5005

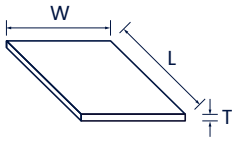
T (mm)	W (mm)	L (mm)	Alloy-Temper	Finish	Nominal Mass/Piece
0.6	1200	2400	5005-H34	Mill Finish	4.683
0.8	1200	2400	5005-H34	Mill Finish	6.244
0.8	1220	2490	5005-H34	**Finish	6.562
1.0	1200	2400	5005-H34	Mill Finish	7.805
1.0	1200	3000	5005-H34	Mill Finish	11.70
1.2	1200	2400	5005-H34	Mill Finish	9.366
1.2	1200	3000	5005-H34	Mill Finish	11.70
1.2	1200	3600	5005-H34	Mill Finish	14.04
1.2	1500	3000	5005-H34	Mill Finish	14.63
1.6	1200	2400	5005-H34	Mill Finish	12.487
1.6	1200	3000	5005-H34	Mill Finish	15.609
1.6	1200	3600	5005-H34	Mill Finish	18.731
1.6	1500	3000	5005-H34	Mill Finish	19.512
1.6	1500	3600	5005-H34	Mill Finish	23.414
2.0	1200	2400	5005-H34	Mill Finish	15.609
2.0	1200	3000	5005-H34	Mill Finish	19.512
2.0	1200	3600	5005-H34	Mill Finish	23.414
2.0	1500	2400	5005-H34	Mill Finish	19.512
2.0	1500	3000	5005-H34	Mill Finish	24.39
2.0	1500	3600	5005-H34	Mill Finish	29.268
2.5	1200	2400	5005-H34	Mill Finish	19.512
2.5	1200	3000	5005-H34	Mill Finish	24.39
2.5	1200	3600	5005-H34	Mill Finish	29.268
2.5	1500	3000	5005-H34	Mill Finish	30.487
3.0	1200	2400	5005-H34	Mill Finish	23.414
3.0	1200	3000	5005-H34	Mill Finish	29.268
3.0	1200	3600	5005-H34	Mill Finish	35.121
3.0	1500	2400	5005-H34	Mill Finish	29.268
3.0	1500	3000	5005-H34	Mill Finish	36.585
3.0	1500	3600	5005-H34	Mill Finish	43.902
4.0	1200	2400	5005-H34	Mill Finish	31.219
4.0	1500	3000	5005-H34	Mill Finish	48.78
5.0	1200	2400	5005-H34	Mill Finish	31.219
5.0	1500	3000	5005-H34	Mill Finish	48.78
6.0	1200	2400	5005-H34	Mill Finish	46.656
8.0	1200	2400	5005-H34	Mill Finish	62.208

** V Tone White/PVC/Foam Grey

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Sheet & Plate – SA & PAL *(continued)*



Sheets available in 50µm PE Film, 80µm PE Film and/or PE 100µm Laser Film.

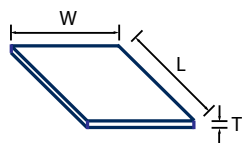
0.6 mm sheets come in stucco embossed.

* Sheets have thickness of 5mm & less.

Plate have thickness of 6mm & more.

GRADE 5052

T (mm)	W (mm)	L (mm)	Alloy-Temper	Finish	Nominal Mass/Piece
1.6	1200	2400	5052-H32	Mill Finish	12.487
2.0	1200	2400	5052-H32	Mill Finish	15.609
2.5	1200	2400	5052-H32	Mill Finish	19.512
2.5	1500	3000	5052-H32	Mill Finish	30.487
3.0	1200	2400	5052-H32	Mill Finish	23.414
3.0	1200	3000	5052-H32	Mill Finish	29.268
3.0	1500	3000	5052-H32	Mill Finish	36.585
3.0	1850	2400	5083-H32	Mill Finish	36.1
4.0	1200	2400	5052-H32	Mill Finish	31.219



Sheets available in 50µm PE Film, 80µm PE Film and/or PE 100µm Laser Film.

0.6 mm sheets come in stucco embossed.

* Sheets have thickness of 5mm & less.

Plate have thickness of 6mm & more.

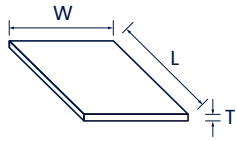
GRADE 5083

T (mm)	W (mm)	L (mm)	Alloy-Temper	Finish	Nominal Mass/Piece
3.0	1200	2400	5083-H321/116	Mill Finish	23.414
3.0	1830	6100	5083-H321/116	Mill Finish	90.75
4.0	1200	2400	5083-H321/116	Mill Finish	31.22
4.0	1830	6100	5083-H321/116	Mill Finish	121.00
5.0	1200	2400	5083-H321/116	Mill Finish	39.024
5.0	1830	6100	5083-H321/116	Mill Finish	151.25
6.0	1200	2400	5083-H321/116	Mill Finish	46.829
6.0	1830	6100	5083-H321/116	Mill Finish	181.51
6.0	1980	6100	5083-H321/116	Mill Finish	196.388
8.0	1200	2400	5083-H321/116	Mill Finish	62.438
10.0	1200	2400	5083-H321/116	Mill Finish	78.048
12.0	1200	2400	5083-H321/116	Mill Finish	93.657
16.0	1200	2400	5083-H321/116	Mill Finish	124.88
20.0	1200	2400	5083-H321/116	Mill Finish	156.10
25.0	1200	2400	5083-H321/116	Mill Finish	195.12

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Treadplate – PTA Five Bar Pattern

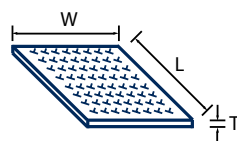


GRADE 5052

T (mm)	W (mm)	L (mm)	Alloy-Temper	Finish	Nominal Mass/Piece
1.1	1200	2400	3003-H224	Mill Finish	8.649
1.6	1200	2400	5052-0	Mill Finish**	12.489
1.6	1500	3600	5052-0	Mill Finish	27.043
2.0	1200	2400	5052-0	Mill Finish	15.61
2.0	1500	2400	5052-0	Mill Finish	21.6
2.0	1500	3000	5052-0	Mill Finish	27.0
2.5	1200	2400	5052-0	Mill Finish	19.512
2.5	1500	2400	5052-0	Mill Finish	27.0
2.5	1500	3000	5052-0	Mill Finish	33.75
3.0	1200	2400	5052-0	Mill Finish	23.414
3.0	1200	3000	5052-0	Mill Finish	32.076
3.0	1200	3600	5052-0	Mill Finish	35.122
3.0	1500	2400	5052-0	Mill Finish	32.076
3.0	1500	3000	5052-0	Mill Finish	40.095
3.0	1500	3600	5052-0	Mill Finish	48.114
3.0	1850	2400	5052-0	Mill Finish	35.698
4.0	1200	2400	5052-0	Mill Finish	34.905
4.0	1850	3000	5052-0	Mill Finish	59.496
5.0	1200	2400	5052-0	Mill Finish	39.024
6.0	1200	2400	5052-0	Mill Finish	46.829
6.0	1500	3000	5052-0	Mill Finish	81.0

** Available in Powder Coated Satin Black in some states

Treadplate – Bright Propeller Pattern



GRADE 3003

T (mm)	W (mm)	L (mm)	Alloy-Temper	Finish	Nominal Mass/Piece
1.1	1200	2400	3003-H22	Mill Finish	8.649
1.6	1200	2400	3003-H22	Mill Finish	14.423
1.6	1200	3600	3003-H22	Mill Finish	21.635
2.0	1200	2400	3003-H22	Mill Finish	17.28
3.0	1200	2400	3003-H22	Mill Finish	25.66
5.0	1200	2400	3003-H224	Mill Finish	42.62

** Available in Powder Coated Satin Black in some states

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02 /

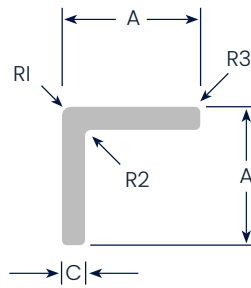
Standard Profiles

Equal Angle	7
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Extruded Round Tube	14
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Flat Bar Bulb	17
Tee	18
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Half Round	19

Please contact your local branch for stock levels.

Note that some products may not be available in all states, and variations or substitutions may be an option.

Equal Angle – AEA



R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

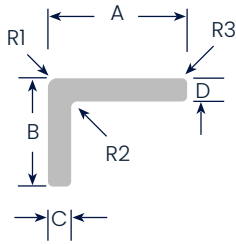
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1090	12.0		1.6					0.097	100
UA 1097	12.0		3.0					0.170	100
EXT 1118	16.0		1.6					0.132	100
EXT 9104	16.0		3.0					0.235	100
UA 1092	20.0		1.6					0.166	100
UA 1101	20.0		3.0					0.299	100
UA 1094	25.0		1.6					0.21	100
UA 1103	25.0		3.0					0.382	100
UA 1121	25.0		6.0					0.715	100
UA 6496	32.0		1.6					0.269	128
UA 5854	32.0		3.0		0.50	0.50	0.50	0.494	127
UA 1099	40.0		1.6					0.34	160
UA 1107	40.0		3.0					0.626	160
UA 8447	40.0		4.0					0.821	160
UA 1122	40.0		6.0					1.203	160
UA 1100	50.0		1.6					0.426	200
UA 1110	50.0		3.0					0.785	200
UA 5297	50.0		4.0		0.50	0.50	0.50	1.036	199
UA 1123	50.0		6.0					1.523	200
UA 6495	60.0		3.0		0.50	0.50	0.50	0.947	239
UA 1711	60.0		6.0					1.853	240
UA 2167	75.0		3.0					1.195	300
UA 8953	76.2		6.4			7.62		2.537	301
UA 8901	76.2		9.52		0.50	7.60		3.705	301
UA 1712	80.0		6.0					2.504	320
UA 12637	80.0		6.0			4.0		2.503	317.2
EXT 1093	100.0		3.0					1.601	398
UA 1118	100.0		6.0					3.143	400
UA 10581	100.0		10.0		0.80	0.50	0.80	5.128	399
UA 8341	150.0		6.0			6.0		4.783	597

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Unequal Angle – AUA



R = Radiused Corner
P = Total Ext Periphery

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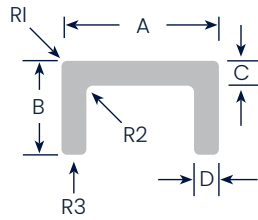
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1731	20.0	12.0	1.6					0.131	100
EXT 016415	20.0	12.0	3.0					0.24	100
UA 1093	25.0	12.0	1.6					0.153	100
UA 1535	25.0	12.0	3.0					0.276	100
UA 1732	25.0	20.0	1.6					0.187	100
UA 1529	25.0	20.0	3.0					0.34	100
UA 1731	20.0	12.0	1.6					0.131	100
EXT 016415	20.0	12.0	3.0					0.24	100
UA 1093	25.0	12.0	1.6					0.153	100
UA 1535	25.0	12.0	3.0					0.276	100
UA 1732	25.0	20.0	1.6					0.187	100
UA 1529	25.0	20.0	3.0					0.34	100
UA 2943	32.0	20.0	1.6					0.218	104
EXT 9116	32.0	20.0	3.0					0.397	103
UA 5910	32.0	25.0	3.0					0.437	114
UA 1651	40.0	12.0	1.6					0.218	104
UA 1098	40.0	20.0	1.6					0.253	120
UA 4556	40.0	20.0	3.0					0.397	104
UA 1068	40.0	25.0	1.6					0.275	130
UA 1106	40.0	25.0	3.0					0.504	130
UA 1926	50.0	20.0	1.6					0.295	140
UA 2848	50.0	25.0	1.6					0.318	150
UA 1109	50.0	25.0	3.0					0.585	150
EXT 1155	60.0	25.0	3.0					0.664	169
EXT 20560	60.0	40.0	4.0					1.033	198
UA 8448	70.0	20.0	1.6					0.381	180
UA 12314	70.0	25.0	1.6					0.402	190
UA 5938	70.0	40.0	1.6					0.467	220
UA 1112	75.0	25.0	3.0					0.788	200
UA 1525	75.0	50.0	3.0					0.988	250
UA 1125	75.0	50.0	6.0					1.935	250
UA 8952	76.2	50.8	6.35			6.86		2.095	251
UA 10440	80.0	20.0	3.0					0.785	199
EXT 1160	80.0	40.0	6.0					1.847	240
EXT E0559	80.0	50.0	2.5					0.861	260
UA 2048	100.0	50.0	3.0					1.195	300
EXT 20525	100.0	50.0	4.0					1.577	300
UA 1119	100.0	50.0	6.0					2.333	300
UA 12633	100.0	50.0	6.0			4.0		2.342	297.4
UA 10692	125.0	50.0	3.0					1.393	350
UA 1120	150.0	75.0	6.0					3.548	450

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Channel - CHA



R = Radiused Corner
P = Total Ext Periphery

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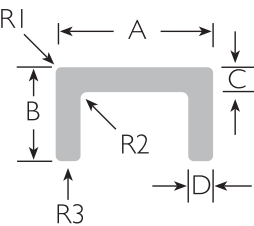
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
EK 9146	10.0	10.0	1.0					0.120	100
UA 1713	12.0	12.0	1.6					0.14	100
UA 3614	16.0	16.0	1.6					0.20	100
UA 8006	20.0	20.0	1.6					0.25	116
UA 1617	20.0	20.0	3.0					0.44	113
UA 2947	25.0	20.0	1.6					0.268	126.0
UA 1133	25.0	25.0	1.6					0.310	146.0
UA 1140	25.0	25.0	3.0					0.561	144
UA 8943	25.0	40.0	3.0					0.801	203.0
UA 5907	32.0	25.0	3.0					0.615	157.0
UA 1143	40.0	20.0	3.0					0.601	154.0
UA 1655	40.0	25.0	3.0					0.680	174.0
UA 8944	40.0	40.0	3.0					0.923	233.0
UA 1145	50.0	25.0	3.0					0.764	194.0
UA 6494	50.0	50.0	3.0		0.5	0.5	0.5	1.116	293.0
UA 8364	60.0	32.0	3.0					0.954	241.0
UA 1862	75.0	40.0	3.0					1.207	304.0
UA 2948	80.0	25.0	3.0					1.008	254.0
UA 5908	80.0	40.0	3.0					1.247	313.0
UA 8100	80.0	40.0	6.0					2.416	304.0
UA 1135	100.0	25.0	3.0					1.170	294.0
UA 3130	100.0	50.0	3.0					1.571	394.0
UA 8363	100.0	50.0	5.0					2.592	385.0
UA 1566	100.0	50.0	6.0					3.056	388.0
UA 12635	100.0	50.0	9.0					3.799	381.6
UA 5723	102.0	51.0	6.35	7.9				3.638	392.0
UA 12640	127.0	50.8	4.0	4.0		6.0		2.424	443.0

Please contact your local branch for more enquires and stock levels.

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Structural Channel



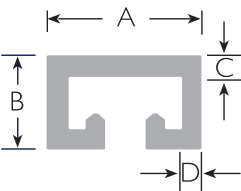
R = Radiused Corner
P = Total Ext Periphery

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Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 8008	76.0	38.0	6.35	792		7.62		2.731	285
UA 8596	102.0	51.0	6.35	793	0.5	9.0	0.5	3.731	385.0
UA 8289	127.0	64.0	6.35	953		10.67		5.25	486
UA 8352	152.0	64.0	6.35	790		10.67		5.182	535
UA 5099	160.0	60.0	6.00	900		3.00		5.226	544
UA 8321	200.0	90.0	8.00	10.00		4.00		8.65	731

Strut Channel

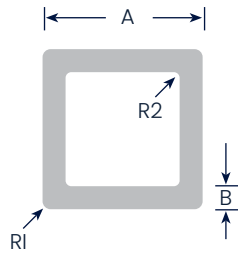


Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 10134	41.3	25	3.0					0.83	208
UA 8288	41.3	41.3	2.6					0.97	280

*Please contact your local branch for more enquires and stock levels.
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Square Hollow – SHS



R = Radiused Corner
P = Total Ext Periphery

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Mill Finish, Anodised or Powder Coated

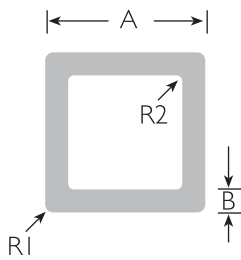
Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1206	12.0	1.6						0.180	100
EXT 4002	12.7	1.5						0.180	100
EXT 2913	12.7	1.57						0.190	100
UA 8955	16.0	1.5			2.0	0.5		0.226	100
UA 1869	19.0	1.5			2.0	0.5		0.275	100
UA 1207	20.0	1.6			1.0			0.317	100
UA 5905	20.0	3.0						0.550	100
UA 5861	20.0	3.0			3.0	3.0		0.551	100
UA 1765	25.0	1.6			1.0			0.402	100
UA 5906	25.0	2.0						0.496	100
UA 2170	25.0	3.0						0.713	100
UA 8881	25.0	1.2			1.6	2.8		0.301	100
UA 6486	25.0	2.0			1.6	1.6		0.497	100
UA 4661	25.0	3.0			3.0	3.0		0.713	100
UA 10820	32.0	1.6						0.525	127
UA 2006	32.0	2.0						0.648	128
UA 5722	32.0	3.0			0.5	0.5		0.940	128
UA 5904	32.0	3.0			3.0			0.919	123
EXT 1483	38.0	2.5			3.0	1.0		0.940	147
UA 6459	40.0	1.6						0.663	160
UA 1211	40.0	2.0						0.821	155
UA 3345	40.0	3.0						1.200	160
UA 2466	40.0	5.0			2.5			1.876	156
UA 1212	40.0	2.0			2.4	2.4		0.807	156
UA 4062	40.0	3.0			3.0			1.178	155
UA 8007	50.0	1.6						0.836	200
UA 2949	50.0	2.0						1.037	200
UA 1214	50.0	3.0						1.523	200
UA 6462	50.0	1.6			6.30	4.7		0.796	190
UA 5461	50.0	2.0			6.0	4.0		0.990	190
UA 4663	50.0	3.0			3.0	3.0		1.523	195
UA 12327	50.0	3.0			6.0	3.0		1.460	190
UA 8951	50.0	4.0			6.0	2.0		1.913	190
UA 8814	50.0	5.0			3.0			2.410	195
UA 8320	50.8	1.85			6.30	4.45		0.932	193
EXT 009047	65.0	2.50						1.690	260
UA 12277	65.0	2.5			6.0	3.5		1.632	250
UA 4664	65.0	3.0			5.0	5.0		2.009	252
UA 1215	75.0	3.0						2.341	300
UA 4832	75.0	3.0			4.45	6.3		2.379	293
UA 12631	76.2	3.0						2.306	569

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Square Hollow – SHS *(continued)*

Mill Finish, Anodised or Powder Coated



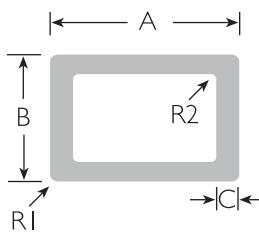
R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 8741	90.0	3.0			3.0	1.0		2.800	355
UA 1213	100.0	3.00						3.143	400
UA 4483	100.0	3.00			10.00	7.00		3.025	383
UA 5271	100.0	6.00			12.00	6.00		5.841	380
UA 12636	101.6	6.35			12.70			6.252	729

Rectangular Hollow – RHS

Mill Finish, Anodised or Powder Coated



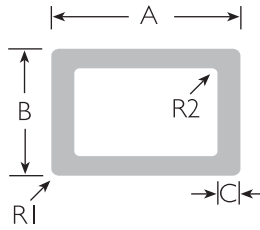
Die No.	A	B	C	D	R1	R2	R3	kg/m	P
EXT 6813	38.0	25.0	2.0		3.0	1.0		0.576	125
EXT 4516	38.0	25.0	2.5		1.8			0.77	123
UA 13739	38.0	16.0	1.2		3.0	1.8		0.32	103
UA 6626	38.0	25.0	1.5		3.0	1.5		0.47	121
EXT 2205	38.0	25.0	2.5					0.8	126
UA 1988	40.0	20.0	1.6					0.491	120
UA 10623	40.0	20.0	3.0					0.875	120
UA 5718	40.0	25.0	2.5		0.5	0.5		0.81	130
EXT 2887	50.0	10.0	1.2					0.37	120
EXT 2885	50.0	10.0	1.3		1.3	1.3		0.41	120
UA 4772	50.0	25.0	1.6		1.6			0.61	148
UA 12326	50.0	25.0	2.0					0.748	145
UA 1197	50.0	25.0	2.5					0.948	150
UA 5909	50.0	25.0	2.5		3.0	0.5		0.925	145
UA 2945	50.0	25.0	3.0					1.122	150

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Rectangular Hollow – RHS *(continued)*

Mill Finish, Anodised or Powder Coated



R = Radiused Corner
P = Total Ext Periphery

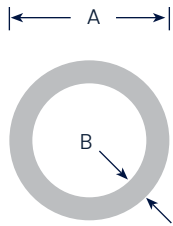
Diagrams are schematic only and not intended as specification drawings.

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1200	50.0	40.0	3.0					1.361	180
UA 4635	50.0	25.0	3.0		4.00	1.00		1.083	144
UA 4721	50.0	40.0	3.0		10.00	7.00		1.243	163
UA 3344	60.0	40.0	3.0					1.523	200
EXT 4551	60.0	40.0	3.0		2.0	2.0		1.955	196
UA 6506	65.0	16.0	1.2		3.0	1.8		0.496	157
UA 6507	65.0	16.0	1.4		3.0	1.6		0.576	157
EXT 4562	70.0	30.0	2.0		3.0	1.0		1.022	198
UA 8049	70.0	30.0	3.0		1.4	0.4		1.519	198
UA 4849	75.0	25.0	1.6					0.836	200
UA 2946	75.0	50.0	3.0					1.935	250
UA 4833	75.0	50.0	3.0		4.45	6.3		1.974	243
UA 8845	75.0	50.0	6.0		4.0	4.0		3.661	244
UA 5860	76.0	25.0	2.4		0.5	0.5		1.255	203
UA12312	80.0	25.0	3.0					1.604	210
UA 5719	80.0	40.0	3.0		0.5	0.5		1.847	240
UA 5304	80.0	40.0	4.0		6.0	4.7		2.387	230
UA 5242	80.0	40.0	3.0		2.5	2.5		1.847	236
UA 5724	80.0	50.0	3.0		0.5	0.5		2.009	260
EXT 4601	80.0	50.0	3.0		6.0	3.0		1.953	260
EXT 12022	100.0	16.0	1.2	1.40	1.4			0.78	227
EXT 2698	100.0	25.0	1.6					1.054	250
UA 5720	100.0	25.0	2.5		0.50	0.5		1.62	250
UA 6465	100.0	50.0	1.6					1.268	300
UA 3546	100.0	50.0	2.0					1.577	300
UA 1202	100.0	50.0	3.0					2.333	300
UA 4477	100.0	50.0	3.0		4.6	1.6		2.29	293
UA 1923	100.0	50.0	6.0		4.6			4.42	293
UA 8654	100.0	16.0	1.4		3.0	0.4		0.891	226
EXT 941.370	101.6	76.2	2.3		3.0			2.16	360
UA 12632	101.6	76.2	2.3		5.48			2.105	677
UA 1199	125.0	50.0	3.0					2.738	350
UA 6444	125.0	65.0	4.2		12.0	7.8		3.926	360
UA 12252	150.0	16.0	1.8		3.0	1.2		1.688	326
UA 4707	150.0	50.0	3.0					3.143	400
UA 12056	150.0	100.0	5.0		6.0	6.0		6.48	490
UA 4316	150.0	50.0	3.0		3.0	2.0		3.15	399
UA 6282	150.0	80.0	5.0		8.0	3.0		5.813	447
UA 4977	152.5	76.2	6.35		6.0	3.6		7.384	446
UA 6464	200.0	50.0	3.0					3.952	500
EXT 22173	250.0	50.0	3.0					4.76	600

Please contact your local branch for more enquires and stock levels.

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Extruded Round Tube – HTA



R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

Mill Finish, Anodised or Powder Coated

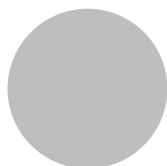
Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1924	6.4	1.42						0.059	100
EX D708	9.53	1.43						0.1	100
EX 5001	10	1.2						0.09	100
EXT 000 877	12.0	1.6						0.140	100
UA 2001	16.0	1.2						0.151	100
UA 2722	16.0	1.6						0.196	100
EXT 3874	19.0	1.2						0.18	100
UA 8163	19.05	1.6						0.237	100
UA 1968	20.0	1.6						0.251	100
UA 4121	20.0	3.0						0.433	100
EXT 2040	22.2	5.99						0.825	100
UA 1969	25.0	1.6						0.318	100
UA 1248	25.0	3.0						0.562	100
EXT 030320	25.4	1.2						0.250	100
UA 2042	32.0	1.6						0.414	101
UA 2786	32.0	3.0						0.741	101
UA 5438	38.1	2.0						0.612	120
UA 2210	38.1	3.25						0.964	120
UA 8005	40.0	1.6						0.521	126
UA 1250	40.0	3.0						0.945	126
UA 8880	44.5	3.25						1.136	140
UA 8476	46.0	3.5						1.262	145
UA 1256	48.4	4.47						1.676	153
UA 1246	50.0	2.0						0.785	158
UA 1251	50.0	3.0						1.196	158
UA 5937	50.0	4.0						1.561	158
UA 2760	50.0	6.0						2.239	158
EXT TU8248	50.8	1.6						0.670	160
UA 3569	60.0	2.0						0.840	189
UA 8909	60.0	3.0						1.450	189
UA 5939	60.0	4.0						1.900	189
UA 10474	60.0	4.5						2.118	189
UA 5940	60.0	5.0						2.333	189
UA 1538	63.5	6.35						3.078	200
UA 6522	76.2	4.75						2.879	240
UA 2772	80.0	2.0						1.328	252
UA 6492	80.0	3.0						1.954	252
UA 8369	88.9	5.33						3.770	280
UA 1247	100.0	3.0						2.477	315
UA 6524	101.6	6.35						5.130	320
UA 4780	114.3	6.35						5.814	360
EXT 40664	150.0	3.00						3.741	478

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Solid Round – BRAL

← A →



R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1270	6.4							0.086	100
UA 1269	7.9							0.134	100
EXT 003822	10.0							0.210	100
UA 10614	12.0							0.305	100
UA 1260	16.0							0.535	100
UA 2038	20.0							0.851	100
UA 8867	25.0							1.325	100
EXT 6005	33.0							2.309	104
EXT 6006	39.0							3.227	123
UA 8474	50.0							5.301	158
EXT 3053	50.8							5.473	160
EXT 000047	76.2							12.359	240

Solid Square – BSAL

← A →



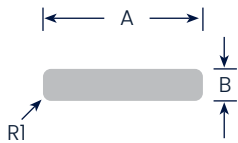
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
EXT 6500	6.0							0.097	100
EXT 6501	10.0							0.270	100
UA 12311	12.0							0.389	100
EXT 6503	16.0							0.691	100
EXT 6504	20.0							1.080	100
EXT 6505	25.0							1.688	100
EXT 6506	40.0							4.250	160
EXT 6507	50.0							7.025	200
EXT 6508	65.0							11.408	260

Please contact your local branch for more enquires and stock levels.

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Flat Bar – BFAL



R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

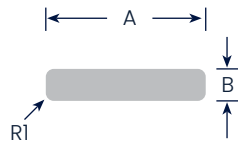
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
EXT 4001	10.0	3.0						0.300	100
UA 2029	12.0	1.6						0.520	100
UA 1170	12.0	3.0						0.097	100
UA 1551	12.0	6.0						0.195	100
UA 1171	16.0	3.0						0.130	100
UA 1151	20.0	1.6						0.087	100
UA 1172	20.0	3.0						0.162	100
UA 2626	20.0	4.0						0.244	100
UA 1188	20.0	6.0						0.324	100
EXT 20016	20.0	10.0						0.540	100
EXT 4036	20.0	12.0						0.648	100
UA 1152	25.0	1.6						0.108	100
UA 1173	25.0	3.0						0.203	100
UA 8577	25.0	4.0						0.305	100
UA 3153	25.0	5.0						0.337	100
UA 1189	25.0	6.0						0.406	100
UA 1153	25.0	10.0						0.677	100
UA 1159	25.0	12.0						0.813	100
UA 2937	32.0	3.0						0.27	100
UA 2939	32.0	6.0						0.52	100
UA 10631	32.0	10.0						0.864	100
UA 1175	40.0	3.0						0.325	100
UA 6493	40.0	4.0			0.50			0.431	100
UA 1191	40.0	6.0						0.650	100
UA 1154	40.0	10.0						1.084	100
UA 1177	50.0	3.0						0.406	106
EXR 049	50.0	4.0						0.540	108
UA 1192	50.0	6.0						0.813	112
UA 1155	50.0	10.0						1.350	120
UA 1161	50.0	12.0						1.626	124
UA 12313	50.0	20.0						2.700	140
UA 1167	50.0	25.0						3.387	150
UA 10665	60.0	3.0						0.486	124
UA 2397	60.0	6.0						0.971	132
UA 5859	60.0	10.0			0.50			1.619	140
UA 4712	60.0	12.0						1.944	144
UA 2938	80.0	3.0						0.650	166
UA 5940	80.0	6.0						1.296	172
UA 5280	80.0	8.0						1.727	175.1
UA 5717	80.0	10.0						2.159	180
UA 20061	80.0	12.0						2.590	184
EXT 4044	80.0	16.0						3.460	192

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Flat Bar – BFAL *(continued)*



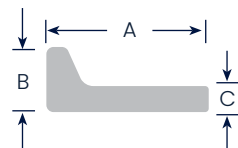
R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
EXT 001053	100.0	1.5						0.410	203
UA 1169	100.0	3.0						0.810	206
UA 1186	100.0	6.0						1.620	212
EXT 7910	100.0	8.0						2.160	216
UA 1555	100.0	10.0						2.71	220
UA 1157	100.0	12.0						3.252	224
EXT 20071	100.0	20.0						5.4	239
EXT 4050	100.0	25.0						6.75	250
EXT 13732	120.0	10.0						3.240	259
UA 10048	140.0	10.0			0.50			3.779	300
UA 1557	150.0	6.0			0.50			2.439	312
UA 2941	160.0	6.0			0.50			2.592	332
UA 3408	160.0	10.0						4.319	340
UA 8826	160.0	12.0			0.50			5.183	344
UA 10231	200.0	6.0						3.239	412
UA 4430	200.0	10.0						5.399	420

Flat Bar Bulb



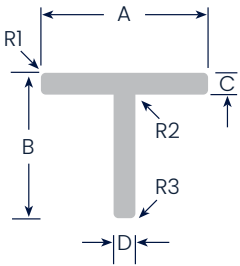
Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 12639	98.70	19.05	5.50					0.410	203

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

Tee – BTEE



R = Radiused Corner
P = Total Ext Periphery

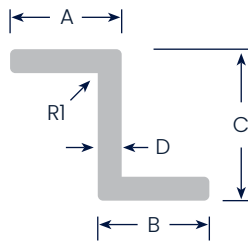
Diagrams are schematic only and not intended as specification drawings.

Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1216	20.0	20.0	1.6	1.6				0.167	100
UA 1987	25.0	25.0	1.6	1.6				0.21	100
UA 1218	25.0	25.0	3.0	3.0				0.382	100
EXT 2045	40.0	20.0	1.6	1.6				0.236	120
UA 5287	40.0	40.0	1.6	1.6				0.339	160
UA 1219	40.0	40.0	3.0	3.0				0.626	160
UA 10786	50.0	25.0	1.6					0.317	150
UA 1958	50.0	50.0	3.0	3.0				0.788	199
UA 12634	50.0	50.0	4.0					1.036	198.6

*Please contact your local branch for more enquires and stock levels.
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Zed – XZED



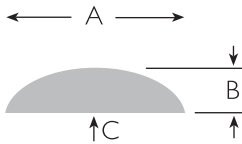
R = Radiused Corner
P = Total Ext Periphery

Diagrams are schematic only and not intended as specification drawings.

Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 12061	10.0	20.0	23.0	1.6				2.14	102
UA 1639	19.0	17.0	25.0	1.6				0.25	118
UA 1222	20.0	20.0	25.0	3.0				0.48	124
UA 1223	25.0	25.0	30.0	3.0				0.602	154
UA 8111	41.0	20.0	25.0	1.6				0.36	171

Half Round – BHR



Mill Finish, Anodised or Powder Coated

Die No.	A	B	C	D	R1	R2	R3	kg/m	P
UA 1446	25.50	4.50	C = Concave					0.149	100
UA 1448	38.00	6.00	C = Concave					0.325	100

Please contact your local branch for more enquires and stock levels.

Note that some products/finishes may not be available in all states, and variations or substitutions may be an option.

03 /

Extrusions

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Please contact your local branch for stock levels.

Note that some products may not be available in all states, and variations or substitutions may be an option.

Louvre Frame

UA 1572
Louvre Blade
Kg/m: 0.440
P: 165
OAD: 60 x 20

UA 3101
Louvre Z Blade 69mm
Kg/m: 0.961
P: 390
OAD: 126.45 X 69

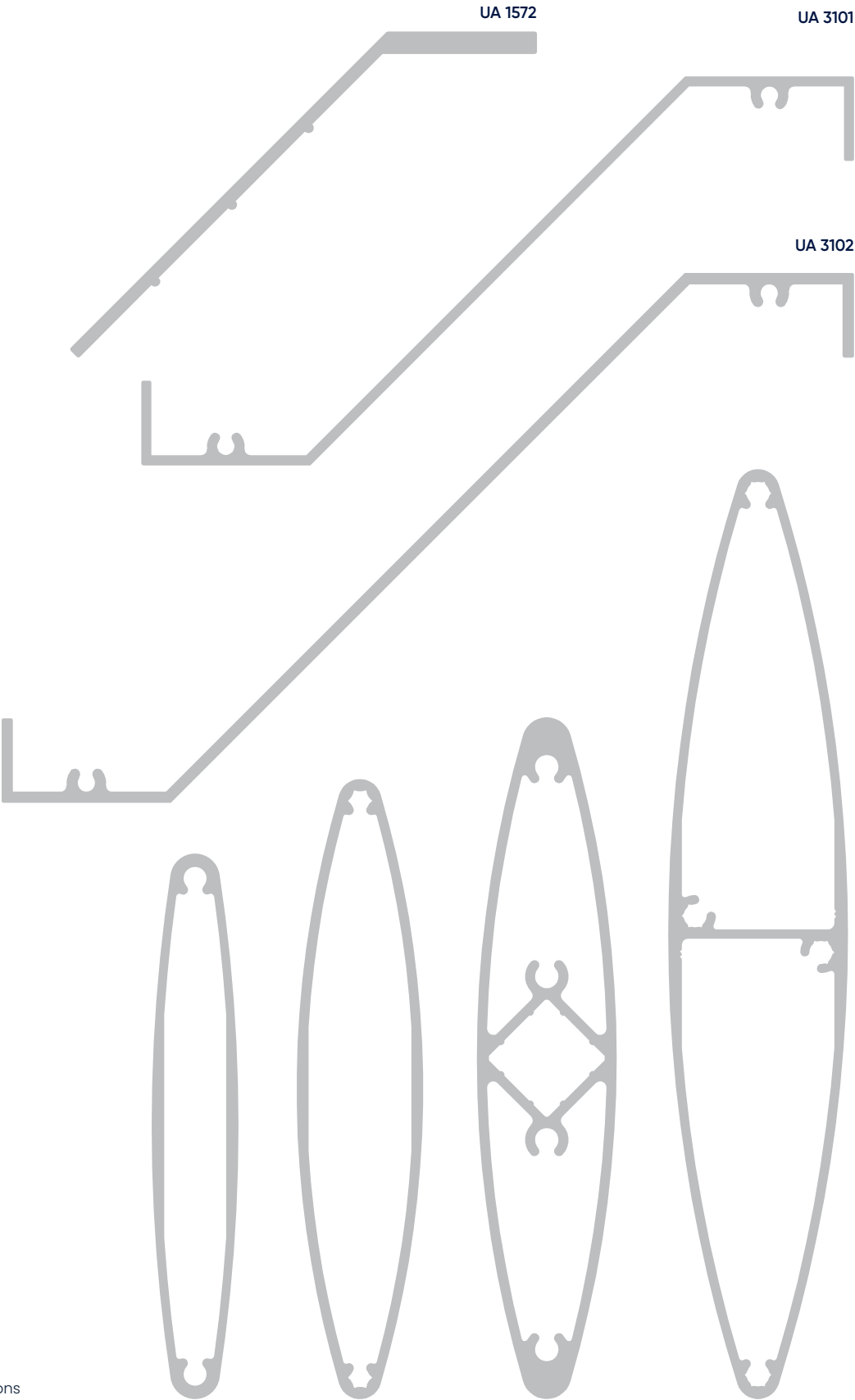
UA 3102
Louvre Z Blade
Kg/m: 1.256
P: 460
OAD: 151.17 x 94

UA 10788
Elliptical Louvre
Kg/m: 0.82
P: 185
OAD: 88 x 14

UA 8029
Elliptical Louvre
Kg/m: 0.942
P: 210
OAD: 100 x 20

UA 5354
Elliptical Louvre Blade
Kg/m: 1.536
P: 232
OAD: 110 x 22

UA 10018
Elliptical Louvre
Kg/m: 1.543
P: 313
OAD: 150 x 29



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

Please contact your local branch for more enquires and stock levels.
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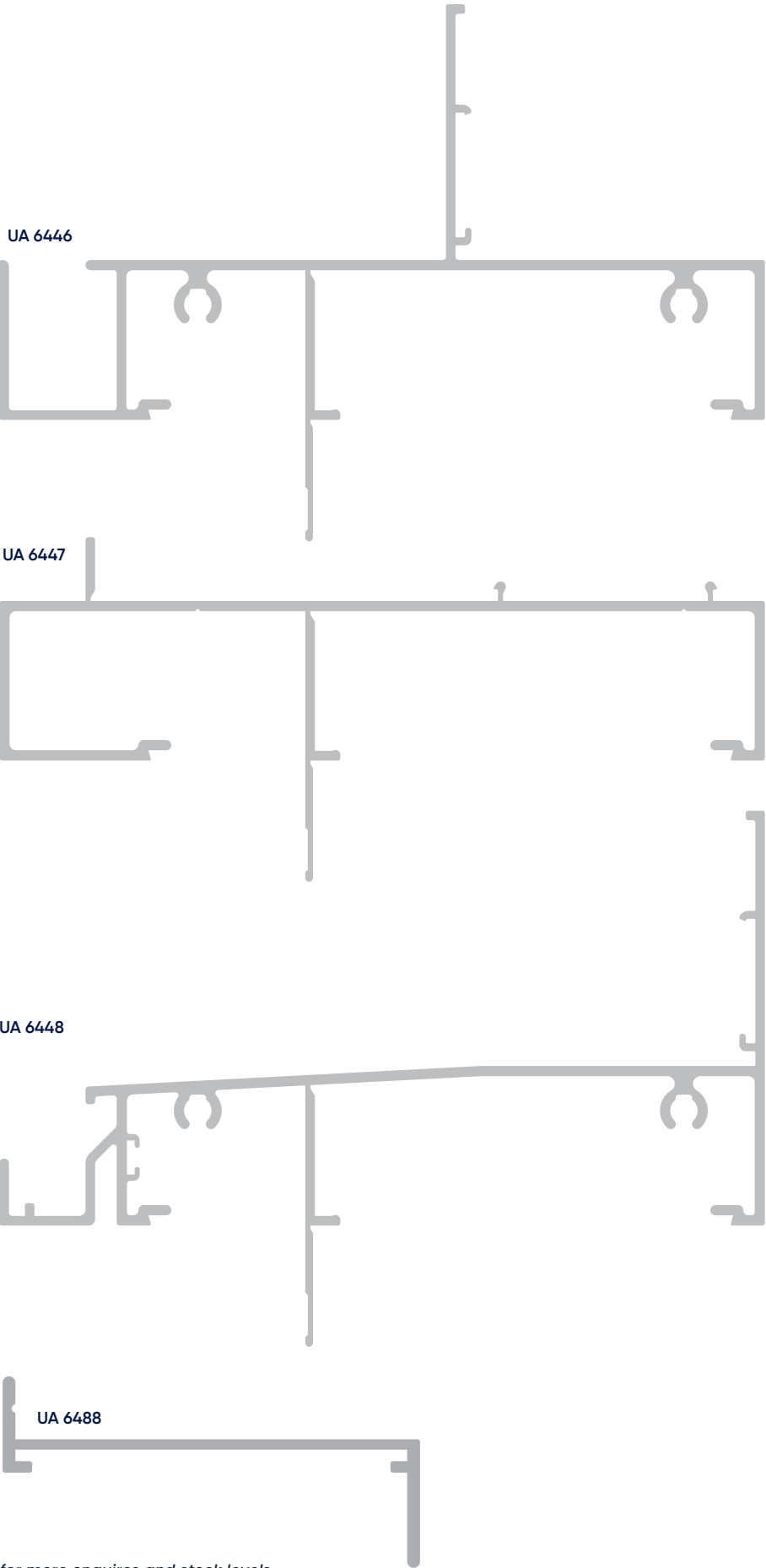
Louvre Frame (continued)

UA 6446
Louvre Head
Kg/m: 1.406
P: 671
OAD: 120

UA 6447
Louvre Jamb
Kg/m: 1.093
P: 532
OAD: 120

UA 6448
Louvre Sill
Kg/m: 1.389
P: 661
OAD: 120

UA 6488
Screen Standout
Kg/m: 0.473
P: 205
OAD: 65



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

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Note that some products may not be available in all states, and variations or substitutions may be an option.

Louvre Frame *(continued)*

UA 10523

Louvre Mount 150mm
to suit UA 10018
Kg/m: 4.165
P: 438
OAD: 122 x 76.75

UA 1661

Louvre Z Blade 31.8mm
Kg/m: 0.446
P: 192
OAD: 70.70 X 31.80

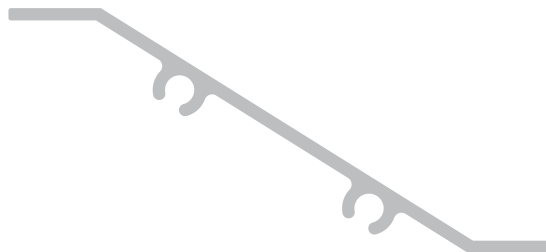
UA 5355

Louvre Brace
Kg/m: 0.585
P: 178
OAD: 53 x 40

UA 10523



UA 1661



UA 5355



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

Please contact your local branch for more enquires and stock levels.

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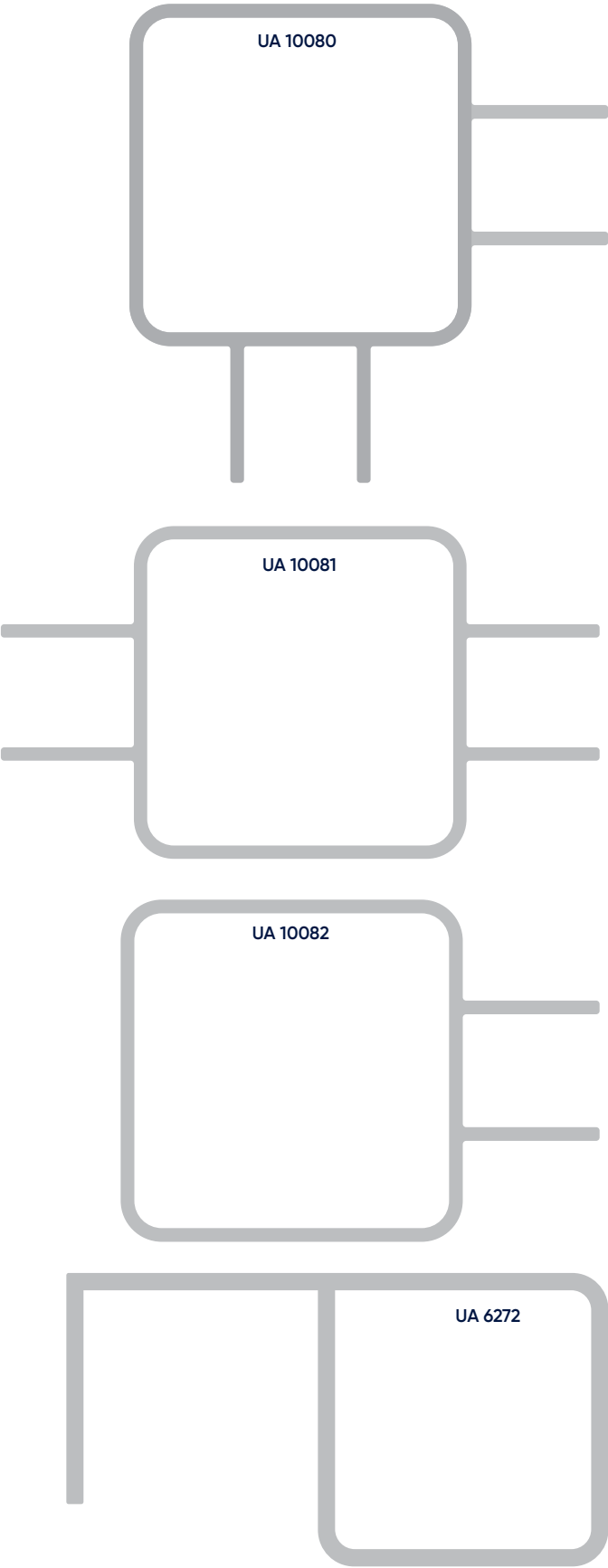
Fence & Gate

UA 10080
Corner Post
Kg/m: 1.422
P: 346
OAD: 50 x 50 x 2

UA 10081
2 Way Post (rad corner) 50mm
Kg/m: 1.422
P: 346
OAD: 50 x 50 x 2

UA 10082
1 Way Post (rad corner) 50mm
Kg/m: 1.206
P: 268
OAD: 50 x 50 x 2

UA 6272
Gate Top Track
Kg/m: 2.156
P: 356
OAD: 94.80 X 50.80 X 3



OAD = Overall Dimensions

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*Please contact your local branch for more enquires and stock levels.
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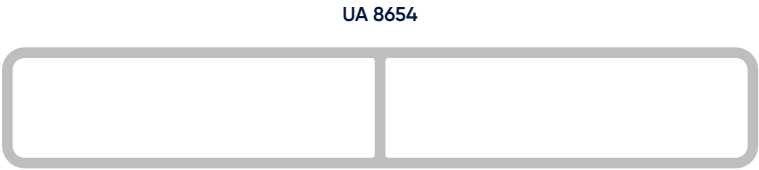
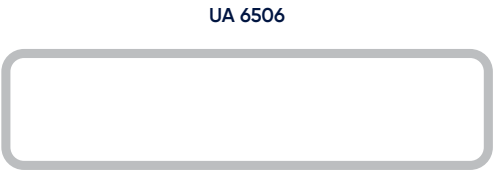
Fence & Gate *(continued)*

UA 4869
Gate Bottom Track
Kg/m: 1.267
P: 222
OAD: 75 x 25

UA 6506
Slot
Kg/m: 0.496
P: 157
OAD: 65 X 16 X 1.2

UA 6507
Slot
Kg/m: 0.576
P: 157
OAD: 65 X 16 X 1.4

UA 8654
Slot
Kg/m: 0.89
P: 227
OAD: 100 x 16 x 14



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

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Fence & Gate *(continued)*

UA 1213
Square Hollow
Kg/m: 3.143
P: 383
OAD: 100 x 3

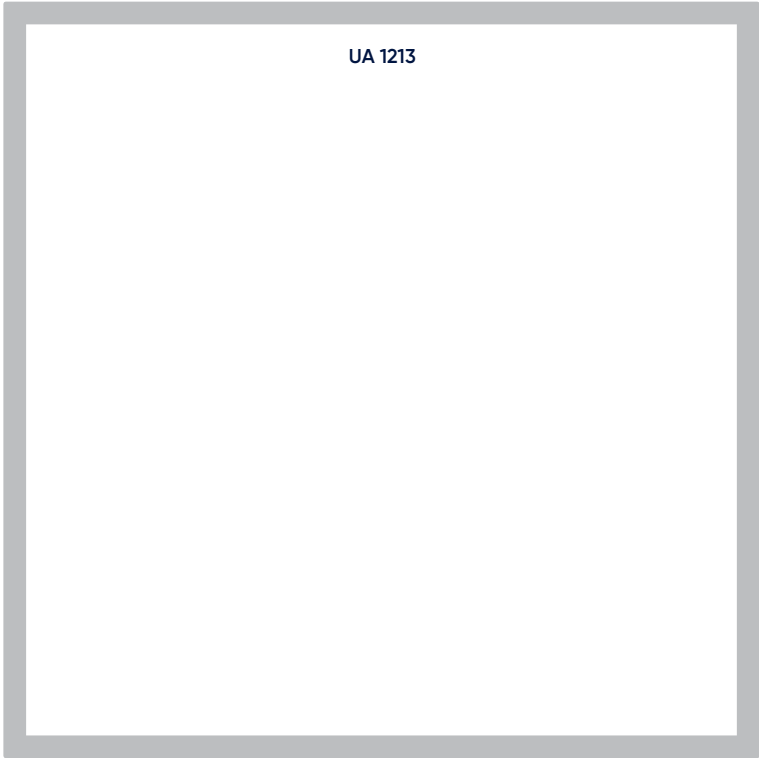
UA 8006
Channel
Kg/m: 0.25
P: 116
OAD: 20 x 20 x 16

UA 4664
Square Hollow
Kg/m: 2.009
P: 252
OAD: 65 x 3

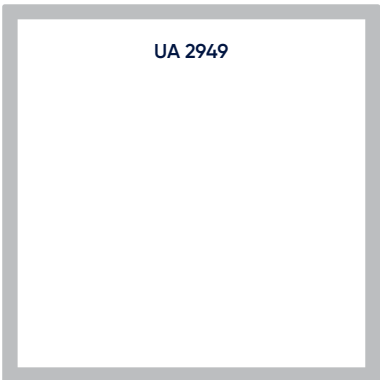
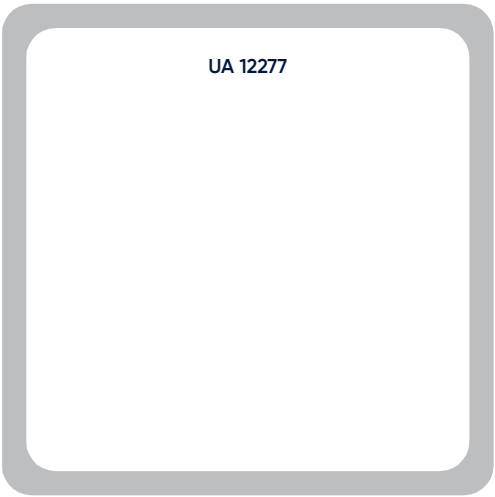
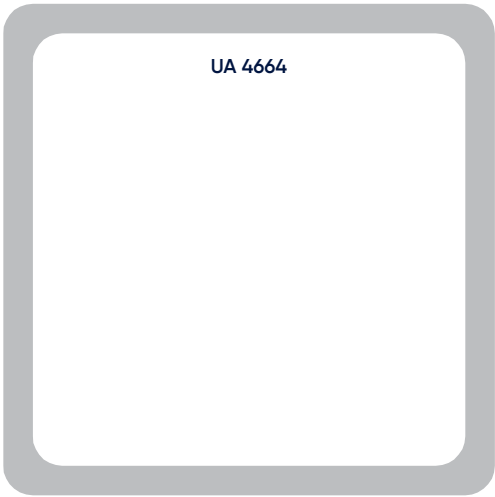
UA 12277
POST
Kg/m: 1.632
P: 250
OAD: 65 x 65 x 2.5

UA 2949
Square Hollow
Kg/m: 1.037
P: 200
OAD: 50 x 2

UA 4663
Square Hollow
Kg/m: 1.523
P: 195
OAD: 50 x 3



UA 8006



OAD = Overall Dimensions

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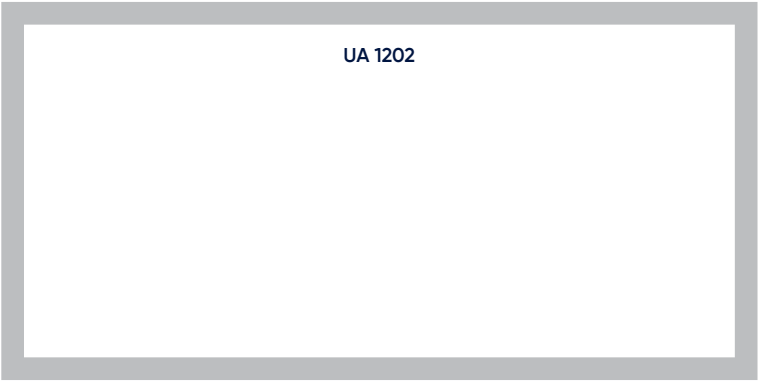
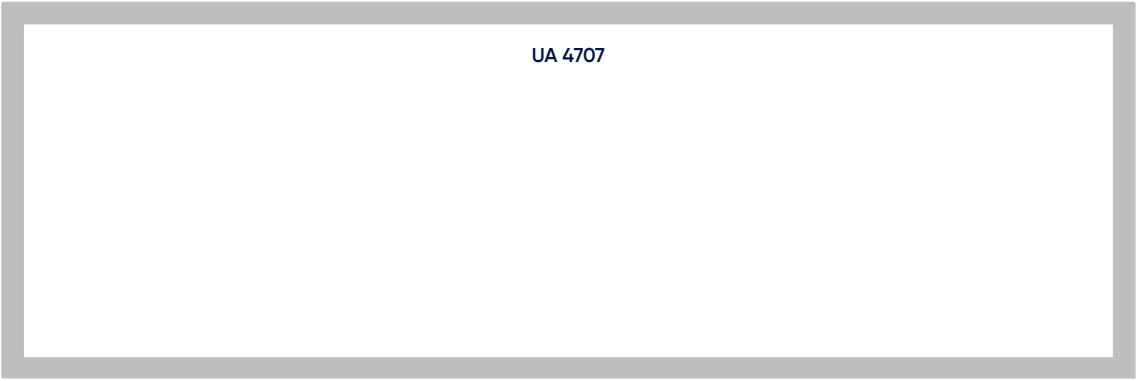
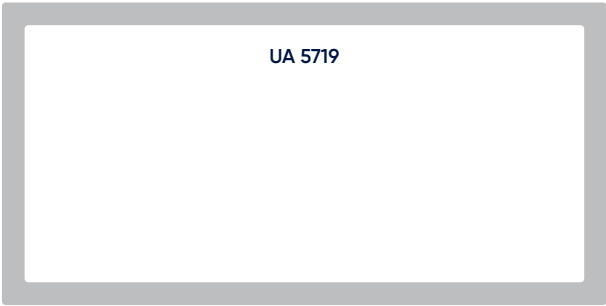
Fence & Gate *(continued)*

UA 6465
Rectangular Hollow
Kg/m: 1.268
P: 300
OAD: 100 x 50 x 1.6

UA 5719
Rectangular Hollow
Kg/m: 1.847
P: 240
OAD: 80 x 40 x 3

UA 4707
Rectangular Hollow
Kg/m: 3.143
P: 400
OAD: 150 x 50 x 3

UA 1202
Rectangular Hollow
Kg/m: 3.952
P: 500
OAD: 100 x 50 x 3



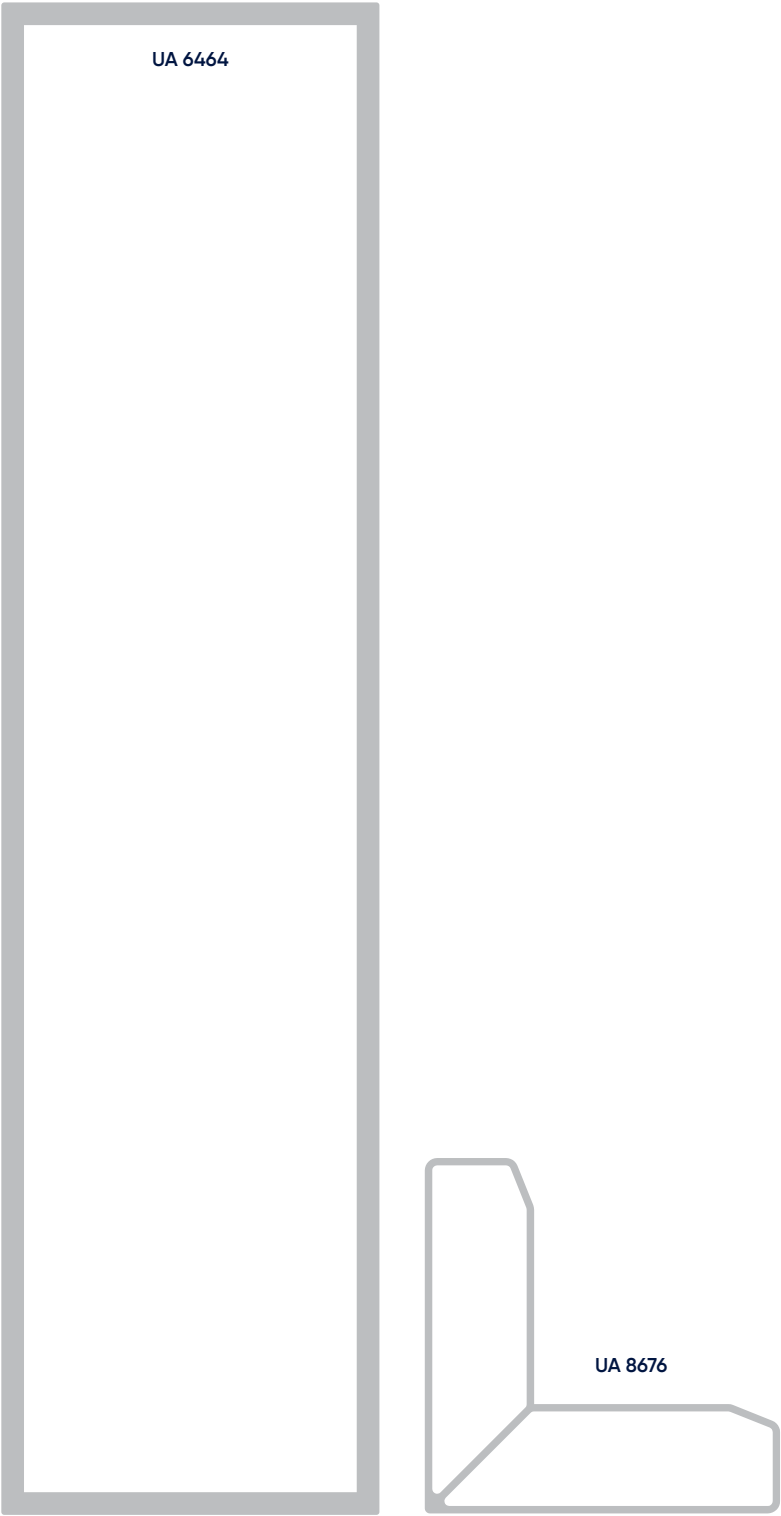
OAD = Overall Dimensions
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Fence & Gate *(continued)*

UA 6464
Rectangular Hollow
Kg/m: 3.952
P: 500
OAD: 200 x 50 x 3

UA 8676
Corner Stake
Kg/m: 4.9
P: 1184
OAD: 144 x 144



OAD = Overall Dimensions

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UltraBatten

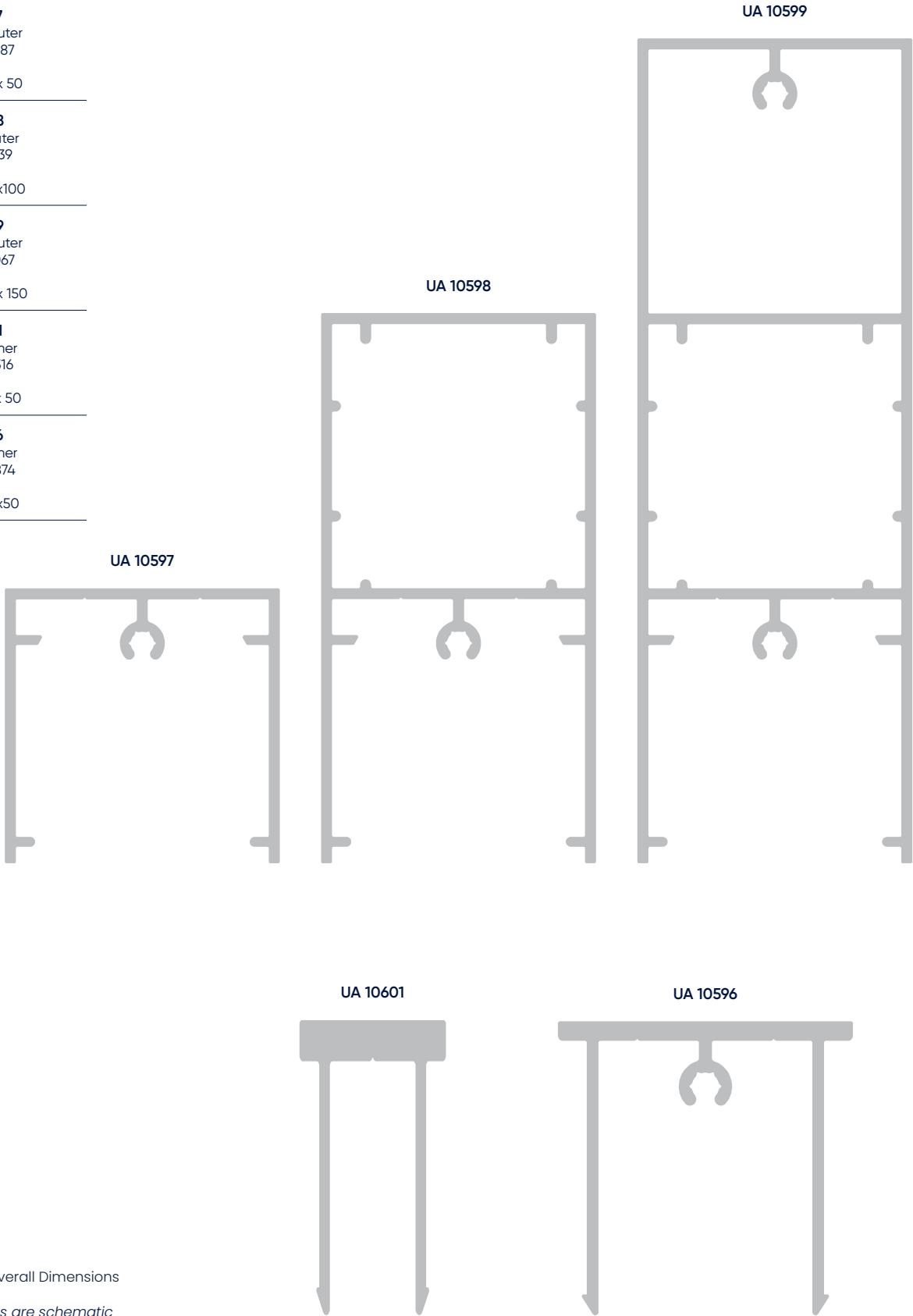
UA 10597
Batten Outer
Kg/m: 0.987
P: 364
OAD: 50 x 50

UA 10598
Batten Outer
Kg/m: 1.839
P: 463
OAD: 50 x100

UA 10599
Batten Outer
Kg/m: 3.067
P: 551
OAD: 50 x 150

UA 10601
Batten Inner
Kg/m: 0.316
P: 120
OAD: 25 x 50

UA 10596
Batten Inner
Kg/m: 0.874
P: 301
OAD: 50 x50



OAD = Overall Dimensions

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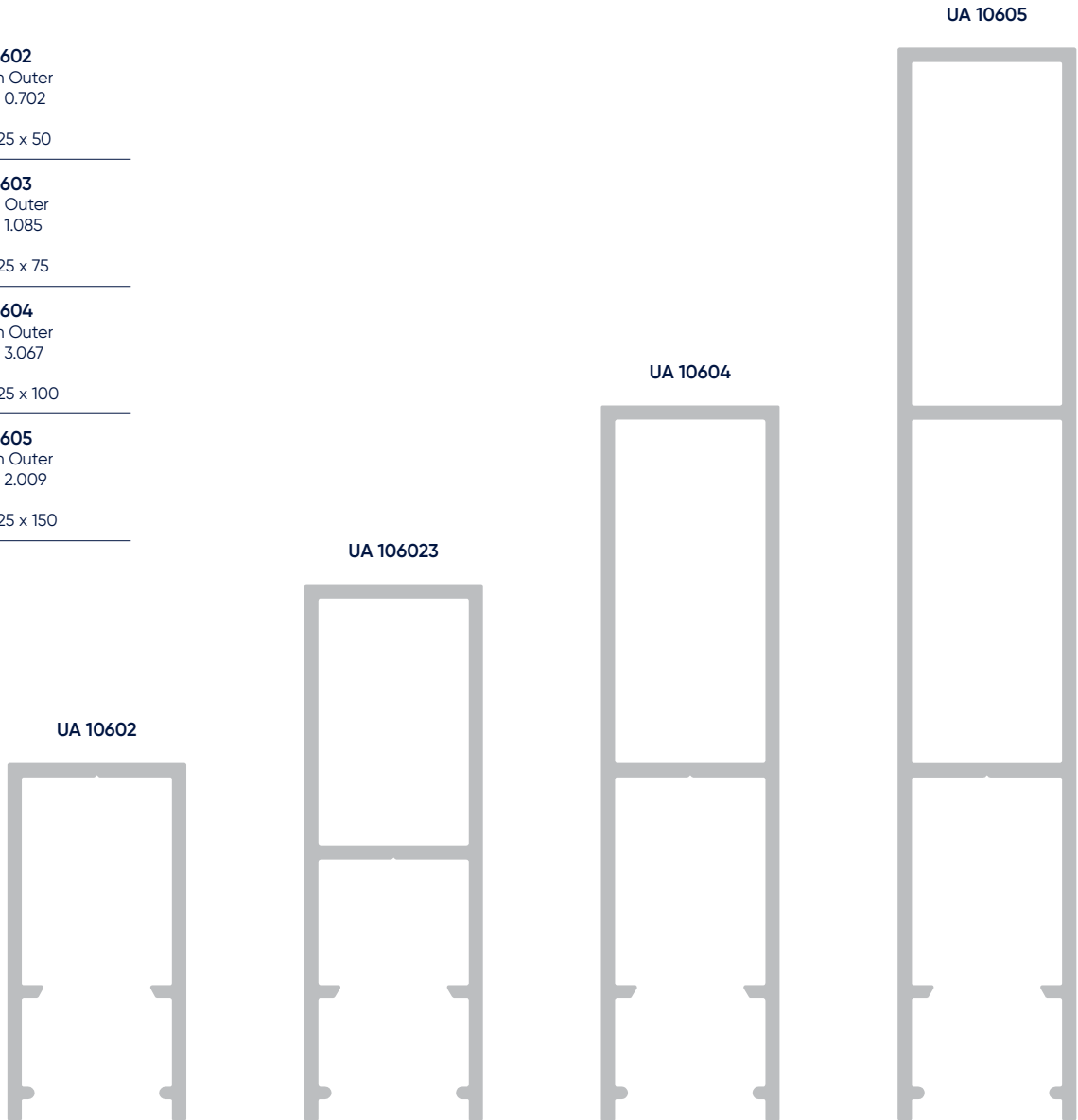
UltraBatten *(continued)*

UA 10602
Batten Outer
Kg/m: 0.702
P: 260
OAD: 25 x 50

UA 10603
Batten Outer
Kg/m: 1.085
P: 290
OAD: 25 x 75

UA 10604
Batten Outer
Kg/m: 3.067
P: 363
OAD: 25 x 100

UA 10605
Batten Outer
Kg/m: 2.009
P: 463
OAD: 25 x 150



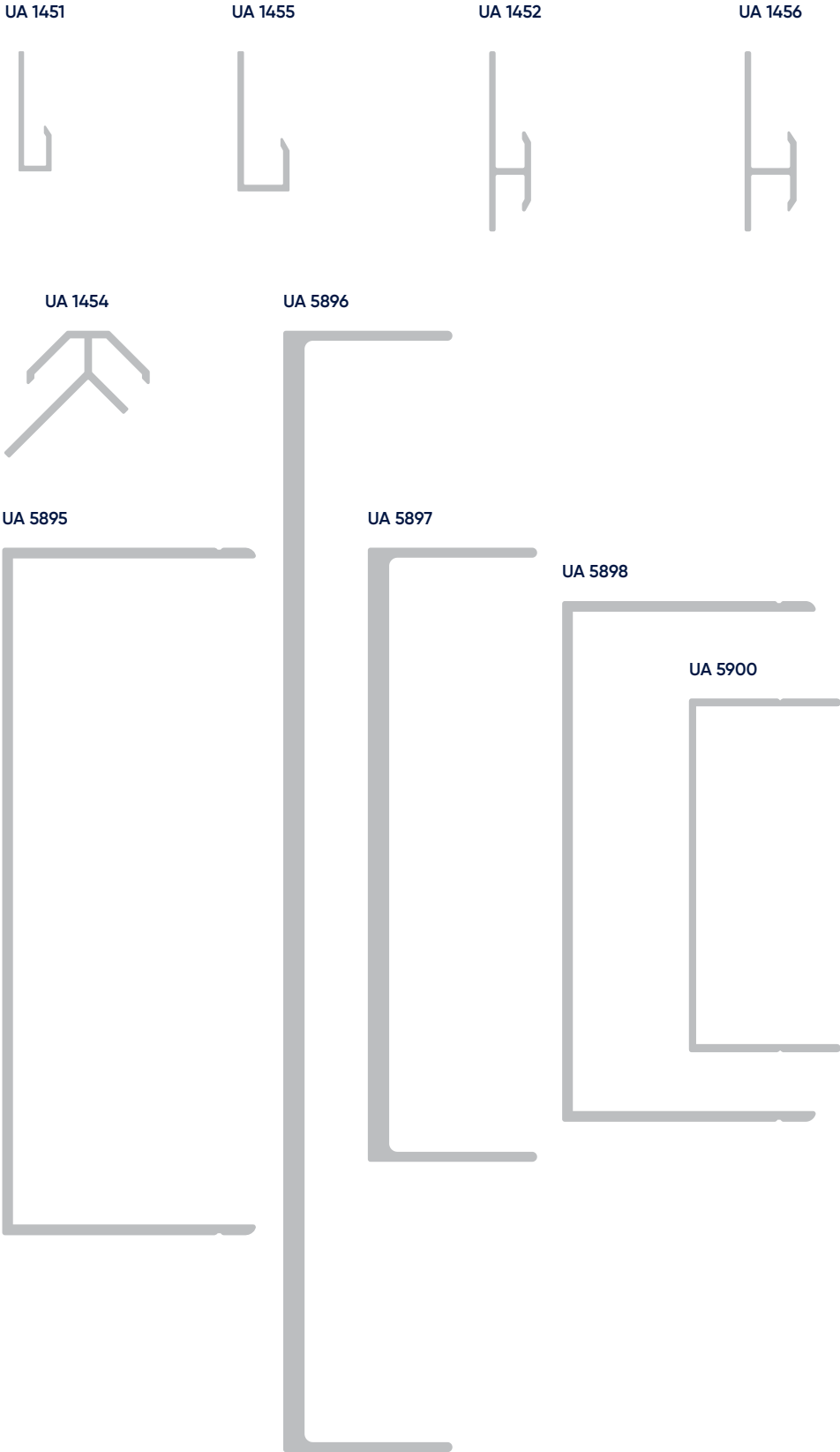
OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

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Coolroom & Wall Board

- UA 1451**
3mm Capping
Kg/m: 0.088
P: 68
OAD: 21 x 6
- UA 1455**
5mm Capping
Kg/m: 0.094
P: 71
OAD: 21 x 8
- UA 1452**
3mm Jointer
Kg/m: 0.117
P: 88
OAD: 27 x 6.5
- UA 1456**
5mm Jointer
Kg/m: 0.120
P: 91
OAD: 27 x 8
- UA 1454**
3mm Ext Corner
Kg/m: 0.129
P: 97
OAD: 19 x 16.6
- AUS 5895**
Channel
Kg/m: 0.775
P: 354
OAD: 103 x 38
- UA 5896**
Channel
Kg/m: 0.647
P: 304
OAD: 78 x 38
- UA 5897**
Channel
Kg/m: 0.976
P: 277
OAD: 92.1 x 25.4
- UA 5899**
Coving
Kg/m: 0.255
P: 121
OAD: 35 x 35
- UA 5900**
Channel
Kg/m: 0.325
P: 204
OAD: 53.2 x 25



OAD = Overall Dimensions

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Coolroom & Wall Board *(continued)*

UA 6458

Coolroom Channel
Kg/m: 0.976
P: 327
OAD: 117 x 25

AUS 6460

Channel
Kg/m: 0.506
P: 0.976
OAD: 117 x 25

AUS 6617

Channel
Kg/m: 0.538
P: 252
OAD: 78.2 x 25

UA 1350

White Glides Top &
Side Fix Track
Kg/m:
P: 100
OAD: 15 x 20

UA 6556

Shelf Stiffener
Kg/m: 0.502
P: 165
OAD: 45.5 X 13.8

UA 6620

J Internal Channel
(Internal 50mm)
Kg/m: 0.44
P: 219
OAD: 53 x38

EU 6648

Corner Coving
Kg/m: 0.77
P: 271
OAD: 75 x 75

UA 8940

Corner Coving
Kg/m: 0.456
P: 182
OAD: 50 x 50

UA 6458

UA 6617

UA 6460

UA 1350

UA 6556

UA 6620

UA 8940

EU 6648

OAD = Overall Dimensions

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only and not intended as
specification drawings.*

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Coolroom & Wall Board *(continued)*

UA 8794
Coolroom Angle
Kg/m: 0.316
P: 159
OAD: 40 x 1.5

UA 5938
Unequal Angel
Kg/m: 0.47
P: 219
OAD: 70 x 40

UA 1442
Serrated Angle
Kg/m: 0.120
P: 91
OAD: 20 x 20

UA 6616
Internal Transport
Angle
Kg/m: 0.28
P: 159
OAD: 3992 x 3991 x 1.3

UA 6663
Door Jamb (50mm
Internal)
Kg/m: 0.537
P: 250
OAD: 53.5 x 37

UA 6457
Double Rub Rail
Kg/m: 0.692
P: 320
OAD: 112 x 18.6



OAD = Overall Dimensions

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Stairs & Stair Nosing

UA 8600
Stair Tread
Kg/m: 3.067
P: 1109
OAD: 250 x 50

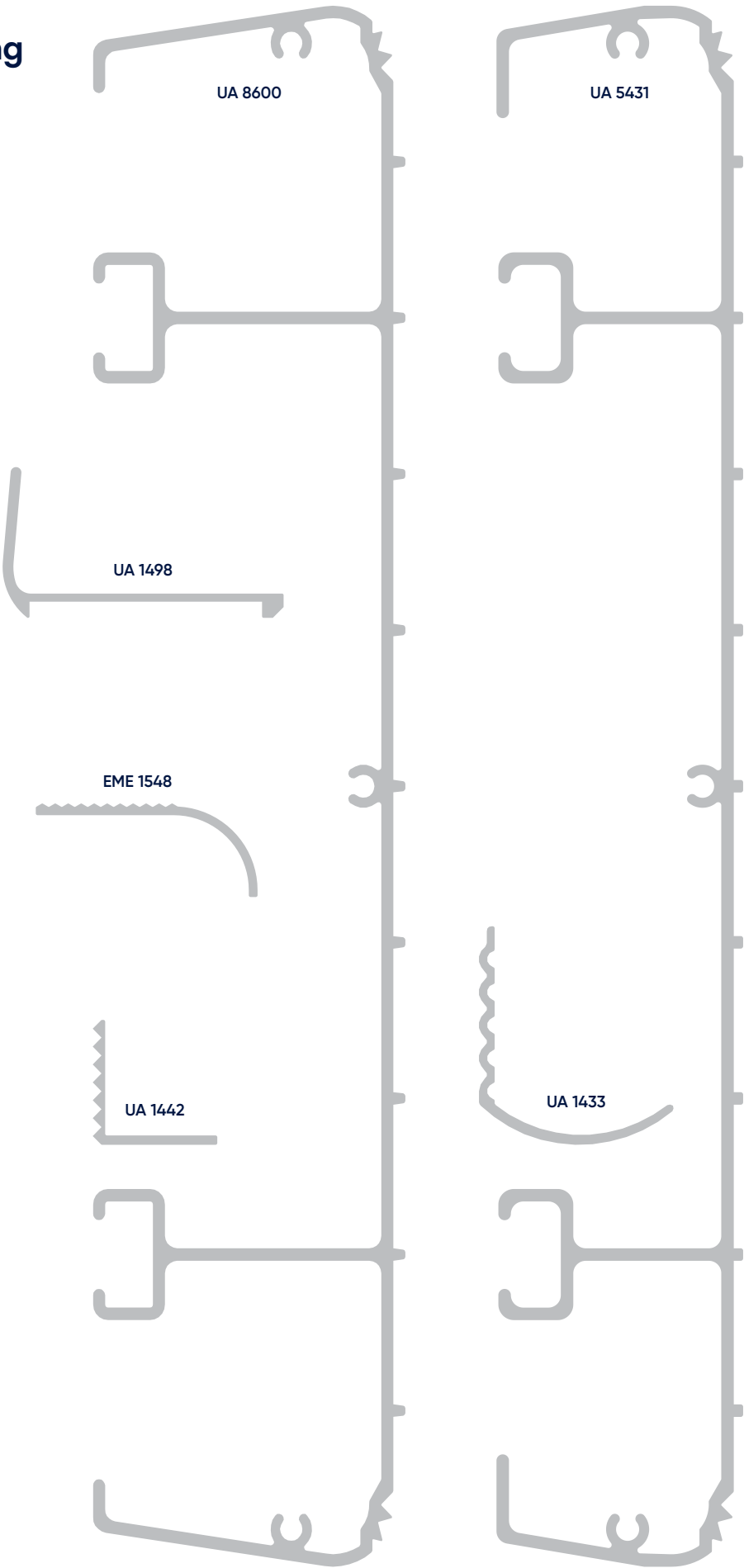
UA 5431
Stair Tread
Kg/m: 2.882
P: 1028
OAD: 250 x 39.5

UA 1498
Moulding
Kg/m: 0.376
P: 159
OAD: 52 x 28

EME 1548
Stair Tread
Kg/m: 0.40
P: 125
OAD: 46 x 15.06

UA 1433
30mm Serrated Step
Angle
Kg/m: 0.228
P: 126
OAD: 33 x 29

UA 1442
20mm Serrated Step
Angle
Kg/m: 0.143
P: 100
OAD: 19.6 x 19.6 x 1.5



OAD = Overall Dimensions

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Please contact your local branch for more enquires and stock levels.
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Marine

UA 10124
Coaming Fascia
Kg/m: 1.156
P: 262
OAD: 89.87 x 16

UA 2907
Internal Boat Gunnel
Kg/m: 1.11
P: 259
OAD: 90 x 16

UA 1418
Upright Bracket
Kg/m: 0.434
P: 259
OAD: 26 x 18

UA 1414
J Drip Mould
Kg/m: 0.146
P: 100
OAD: 21.5 x 12.5
*Alternative: EG 6454
23.8 x 12.7

UA 1430
Herzim
Kg/m:
P:
OAD: 30 x 4

UA 1424
Sail Track
Kg/m:
P:
OAD: 32 x 12

UA 1421
5mm Perspex Cap
Kg/m: 0.39
P: 100
OAD: 22 x 12

UA 10124



UA 2907



UA 1418



UA 1414



UA 1430



UA 1424



UA 1421



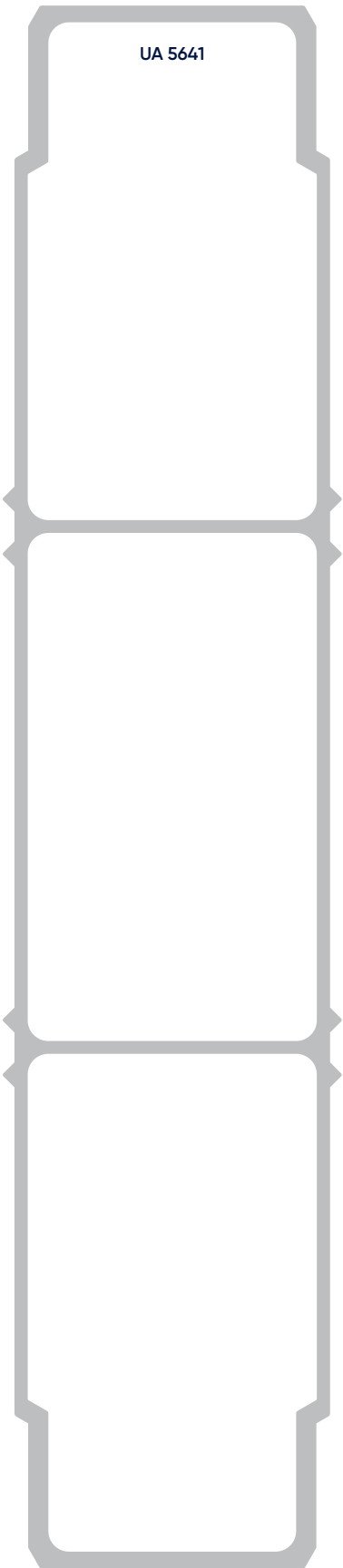
OAD = Overall Dimensions

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Please contact your local branch for more enquires and stock levels.
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Marine (continued)

UA 5641
Marine Plank
Kg/m: 3.808
P: 549
OAD: 228 x 49



OAD = Overall Dimensions

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Please contact your local branch for more enquires and stock levels.
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Ute Tray

UA 8348
130mm Outer Frame
Kg/m: 0.185
P: 461
OAD: 130 x 30

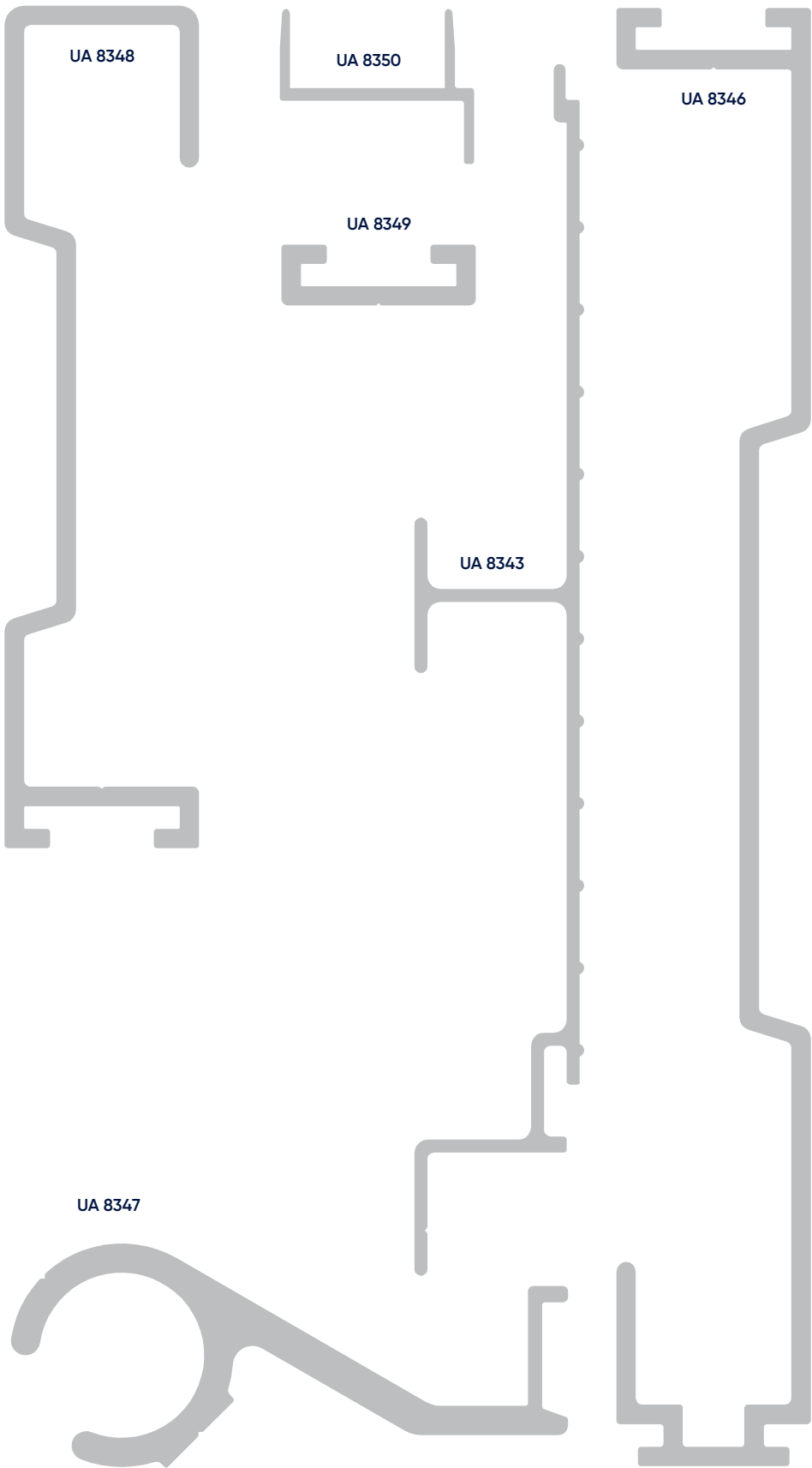
UA 8350
Outer Frame Cover
Kg/m: 0.385
P: 147
OAD: 39 x 25

UA 8349
Outer Frame Cover
Kg/m: 0.411
P: 106
OAD: 30 x 9

UA 8346
Outer Frame
Angle
Kg/m: 2.761
P: 680
OAD: 225 x 30

UA 8343
Ribbed Floor Plank
Kg/m: 1.504
P: 534
OAD: 187 x 25

UA 8347
Side Rail Holder
Kg/m: 1.919
P: 315
OAD: 86 to suit 25mm Rail



OAD = Overall Dimensions
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Ute Tray *(continued)*

UA 8438

Side Coaming Rail
Kg/m: 1.158
P: 284
OAD: 82 x 30

UA 8345

Side Coaming Rail
Kg/m: 0.821
P: 234
OAD: 30 x 57

UA 8342

Starter Plank
Kg/m: 1.104
P: 398
OAD: 104,5 x 51

UA 8344

End Plank
Kg/m: 1.043
P: 309
OAD: 83 x 53

EXT 10976

Drop Side Plank
Kg/m: 2.918
P: 1081
OAD: 284,5 x 45



OAD = Overall Dimensions

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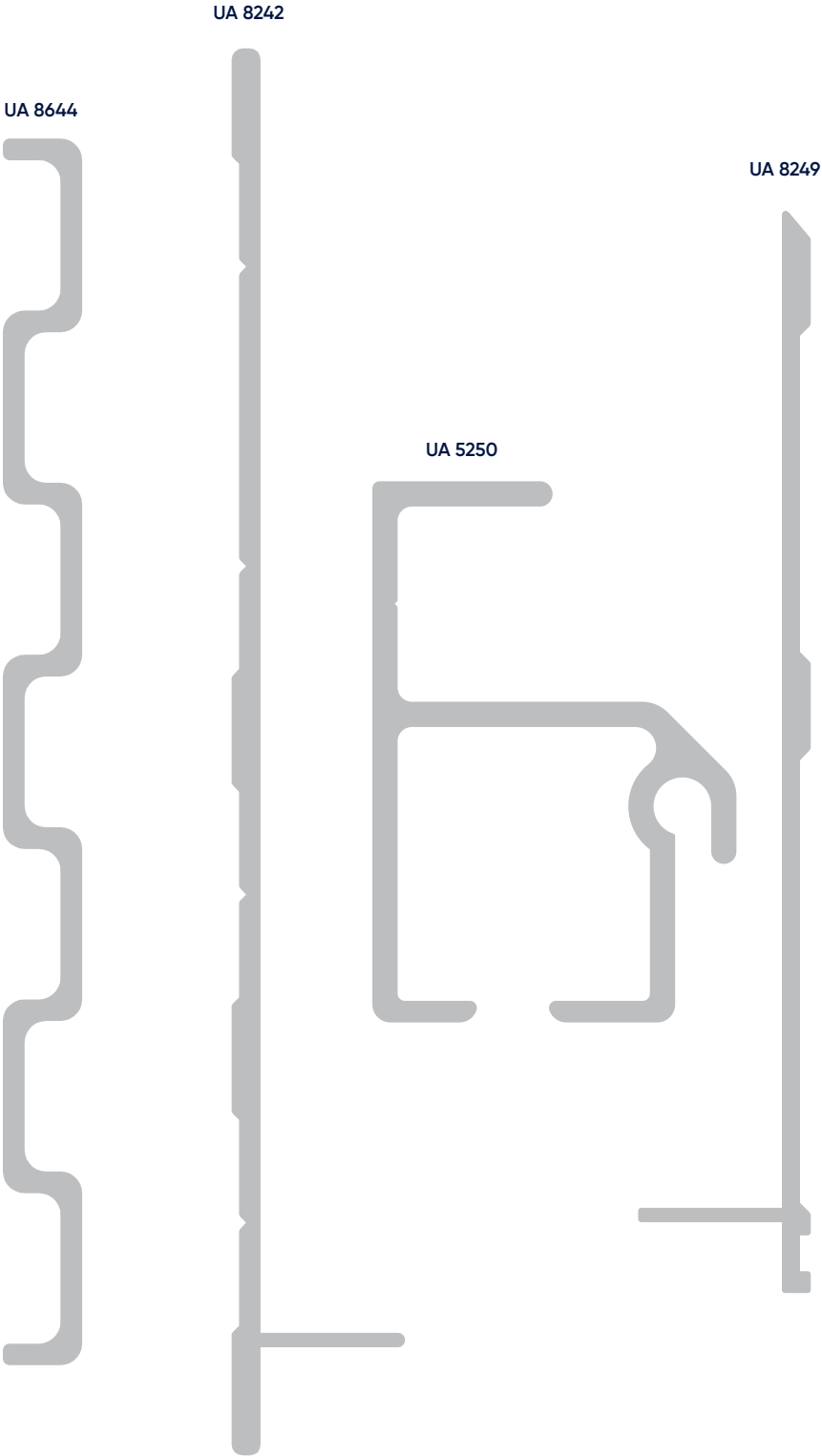
Truck Deck

UA 8644
Stock Crate Siding
Kg/m: 1.894
P: 436
OAD: 170 x 11

UA 8242
195mm Truck Side Rail
Kg/m: 1.846
P: 440
OAD: 195

UA 5250
Curtain Slider Runner
Kg/m: 2.066
P: 434
OAD: 75 x 50

UA 8249
150mm Ute Side Rail
Kg/m: 1.254
P: 351
OAD: 150



OAD = Overall Dimensions

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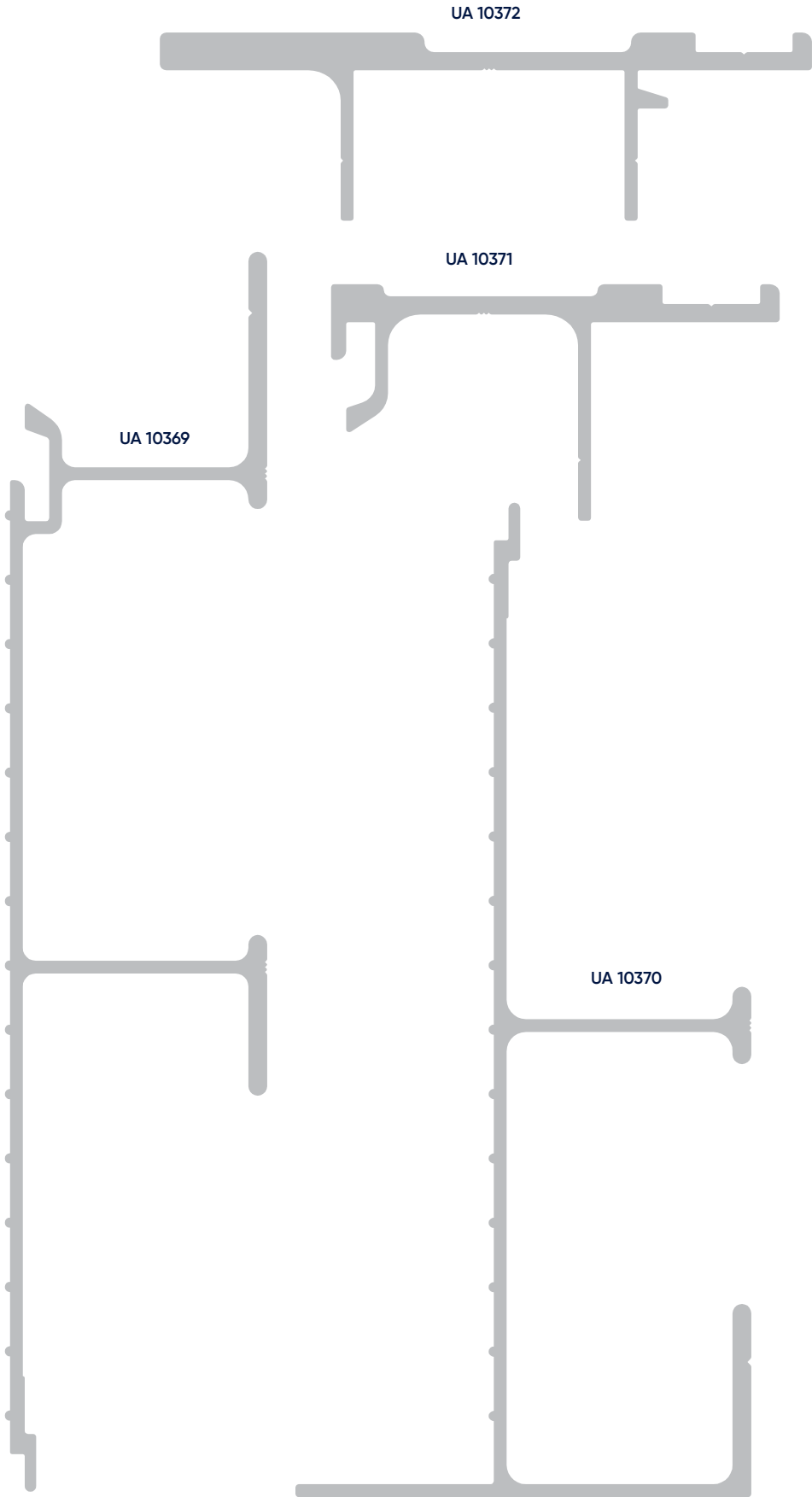
Truck Deck (continued)

UA 10372
4Ton Side Coaming
Kg/m: 1.603
P: 328
OAD: 31.2 x 101

UA 10371
4 Ton Rear Coaming
Kg/m: 1.12
P: 273
OAD: 24.4 x 69

UA 10369
4Ton Decking Middle Plank
Kg/m: 1.947
P: 636
OAD: 192.85 x 40

UA 10370
4Ton Decking Starter Plank
Kg/m: 1.789
P: 607
OAD: 154.5 x 40



OAD = Overall Dimensions

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Truck Deck (continued)

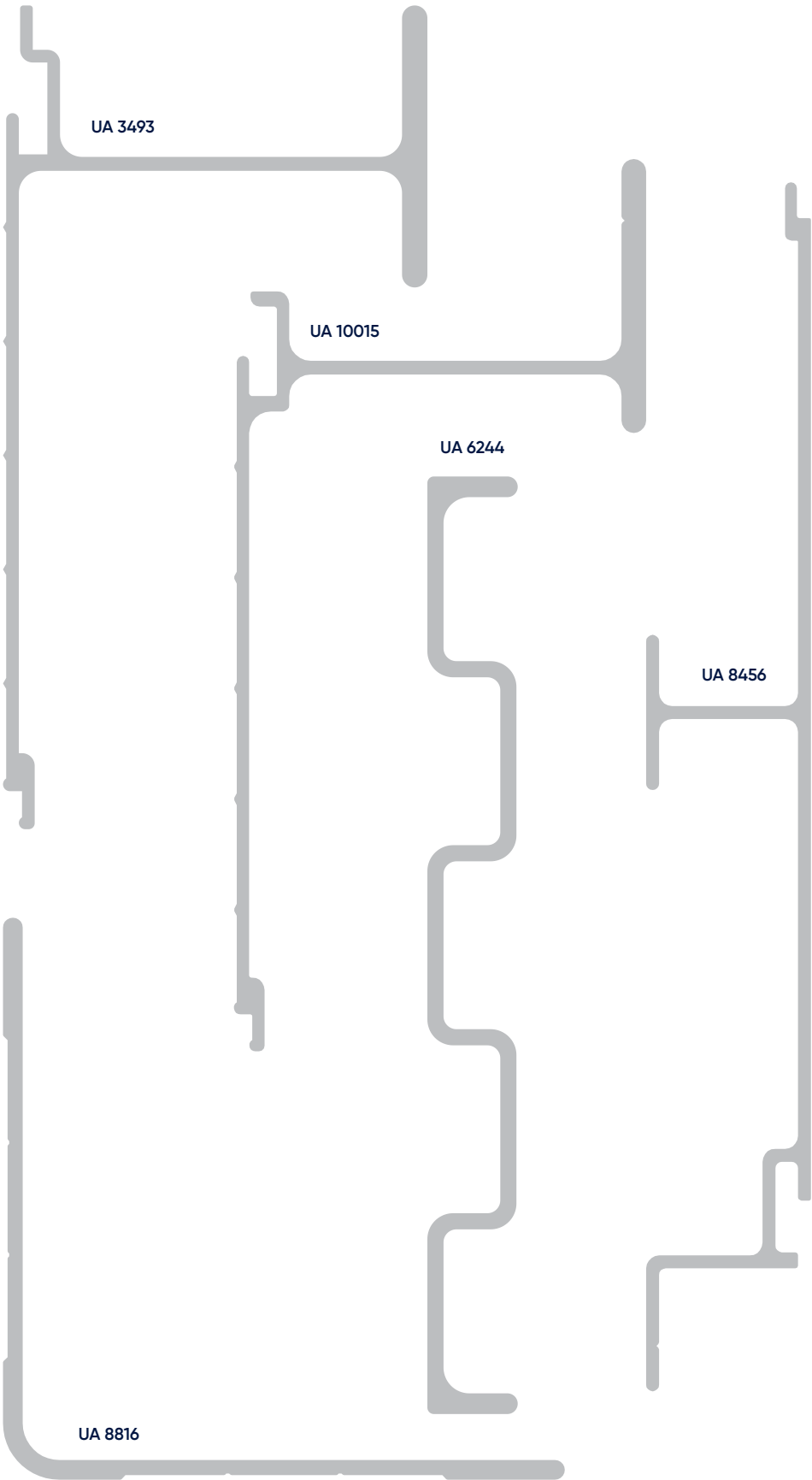
UA 3493
Truck Deck
Kg/m: 1.667
P: 492
OAD: 130 x 66

UA 10015
Truck Deck
Kg/m: 1.645
P: 477
OAD: 145 x 66.5

UA 8816
Transport Side Angle
Kg/m: 1.567
P: 392
OAD: 100 x 3.5

UA 6244
Rub Rail
Kg/m: 1.44
P: 404
OAD: 145 x 14

UA 8456
Horse Float Flooring
Middle Plank
Kg/m: 1.46
P: 526
OAD: 187 x 25



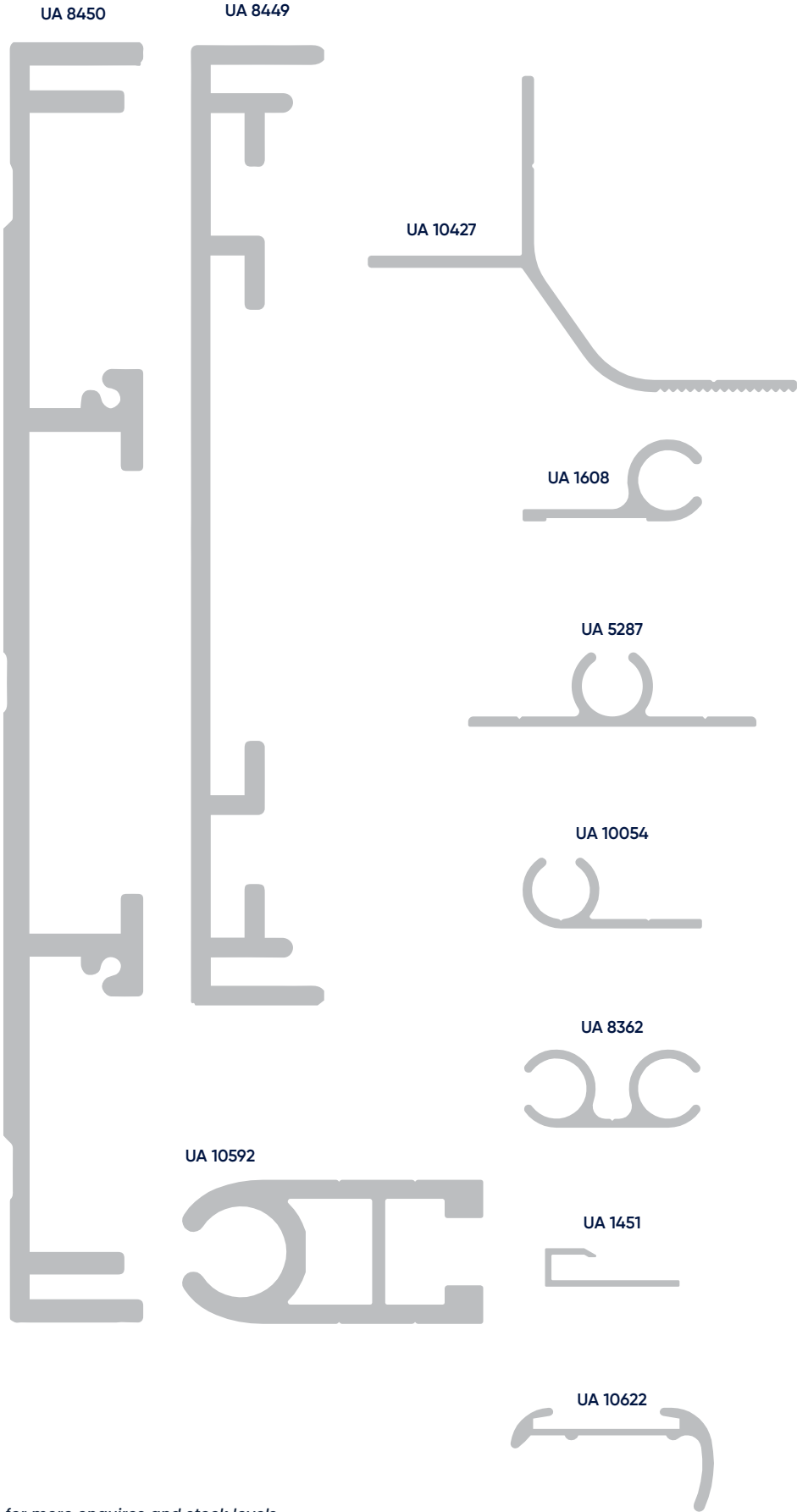
OAD = Overall Dimensions

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Signage & Annex Track

- UA 8450**
200mm Sign Frame
Kg/m: 2.36
P: 672
OAD: 200 x 21
- UA 8449**
150mm Sign Frame
Kg/m: 1.412
P: 527
OAD: 150 x 20
- UA 10592**
Heavy Durt Sail Track
Kg/m: 1.190
P: 209
OAD: 46.95 x 22.50
- UA 10427**
Bracket
Kg/m: 0.523
P: 218
OAD: 49.3 x 42.9
- UA 1608**
Awning Mould
Kg/m: 0.221
P: 100
OAD: 28 x 12.8
- UA 5287**
Double Flange Sail Track
Kg/m: 0.297
P: 133
OAD: 45 x 11.61
- UA 8362**
Double Rope Track
Kg/m: 0.272
P: 130
OAD: 27.5 x 12.2
- UA 10054**
Single Offset Sail Track
Kg/m: 0.194
P: 100
OAD: 28.5 x 12.2
- UA 1451**
3mm Capping
Kg/m: 0.088
P: 100
OAD: 21 x 6
- UA 10622**
Caravan J Mould
Kg/m: 0.218
P: 110
OAD: 31.75 x 16.25



OAD = Overall Dimensions

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Signage & Annex Track *(continued)*

UA 6490
Sign Brace Channel
Kg/m: 0.698
P: 185
OAD: 28.50 x 25.5

UA 6599
4mm UltraSign Frame
Kg/m: 0.471
P: 229
OAD: 130 x 66

UA 6597
4mm UltraSign Jointer
Kg/m: 0.165
P: 100
OAD: 25 x 7.5

UA 6596
4mm UltraSign
Capping
Kg/m: 0.100
P: 100
OAD: 15 x 7.2

UA 1452
3mm UltraSign Jointer
Kg/m: 0.117
P: 100
OAD: 27 x 6.5

UA 6598
4mm UltraSign
Internal/External
Corner
Kg/m: 0.198
P: 102
OAD: 18.95 x 15.6

UA 10230
150mm Sign Blade
Kg/m: 1.665
P: 348
OAD: 149.45 x 19.05

UA 10229
200mm Sign Blade
Corner
Kg/m: 1.665
P: 448
OAD: 149.45 x 19.05

UA 6490



UA 10230



UA 10229



UA 6599



UA 6597



UA 6596



UA 1452



UA 6598



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

*Please contact your local branch for more enquires and stock levels.
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Modular System

FAEJ4048
2 Way Corner Joiner

FAEJ4052
4 Way X Shape Joiner

FAEJ4055
3 Way Y Shape Corner Joiner

FAEJ4065
5 Way Joiner

FAEJ4050
3 Way T Shape Joiner

FAEJ4060
4 Way Y Shape Corner Joiner

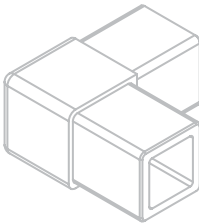
FAEJ4070
6 Way Joiner

FAEJ54075
End Cap

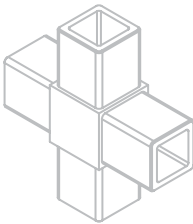
UA 1641
Square Tube
Kg/m: 0.341
P: 114
OAD: 25.4 x 25.4 x 1.2

UA 1642
Square Tube - Lipped
Kg/m: 0.313
P: 101
OAD: 25.4 x 25.4 x 1.2

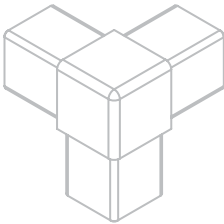
FAEJ4048



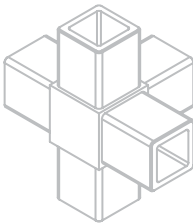
FAEJ4052



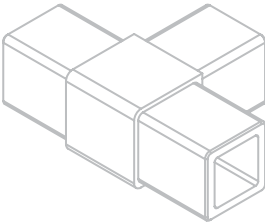
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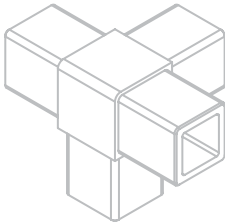
FAEJ4065



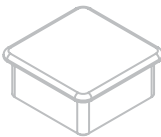
FAEJ4050



FAEJ4060



FAEJ54075



UA 1641



UA 1642



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Planks

TP2.4

Plank
Weight: 10kg
Size: 2.4m
Rating: 250kg

TP3.0

Plank
Weight: 12.4kg
Size: 3.0m
Rating: 250kg

TP3.6

Plank
Weight: 14.8kg
Size: 3.6m
Rating: 250kg

TP4.0

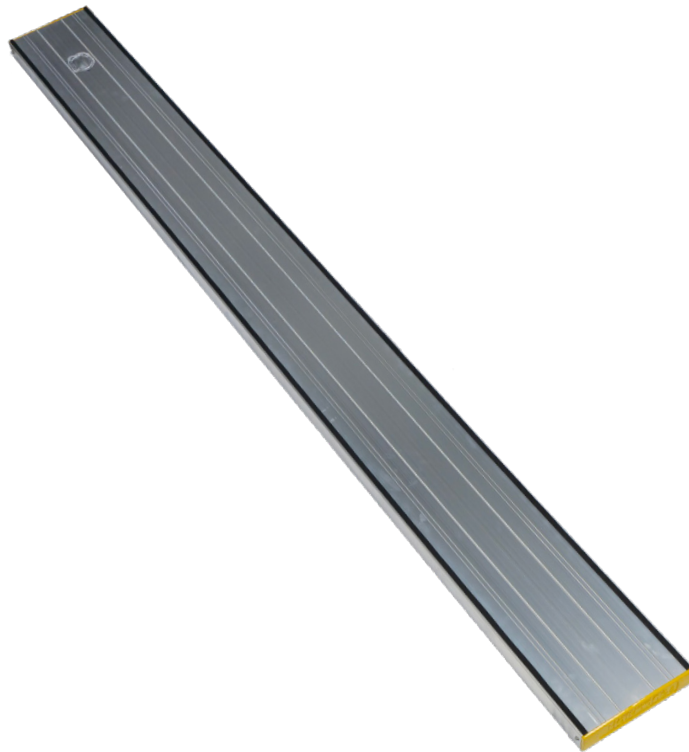
Plank
Weight: 16.4kg
Size: 4.0m
Rating: 250kg

TP5.0

Plank
Weight: 20.4kg
Size: 5.0m
Rating: 250kg

TP6.0

Plank
Weight: 24.4kg
Size: 6.0m
Rating: 250kg



2.4 Planks

Supported on a maximum span of 2.3m
+

3.0m, 4.0m, 5.0m & 6.0m Planks

Supported on a maximum span of 2.8m.

Met the requirements for Heavy Duty 250kg WLL and complies with:

AS6001:1999 Clause 3.1

ASNZS1577 – 2018 Appendix A

ASNZS1577 – 2018 Appendix B

ASNZS1577 – 2018 Appendix C

ASNZS1577 – 2018 Appendix D

4.0m, 5.0m & 6.0m Planks

Supported on a maximum span of 3.0m

Met the requirements for Heavy Duty 250kg WLL, Uniformly Distributed Load (UDL) and complies with

AS6001:1999 Clause 3.1

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Diagrams are schematic only and not intended as specification drawings.

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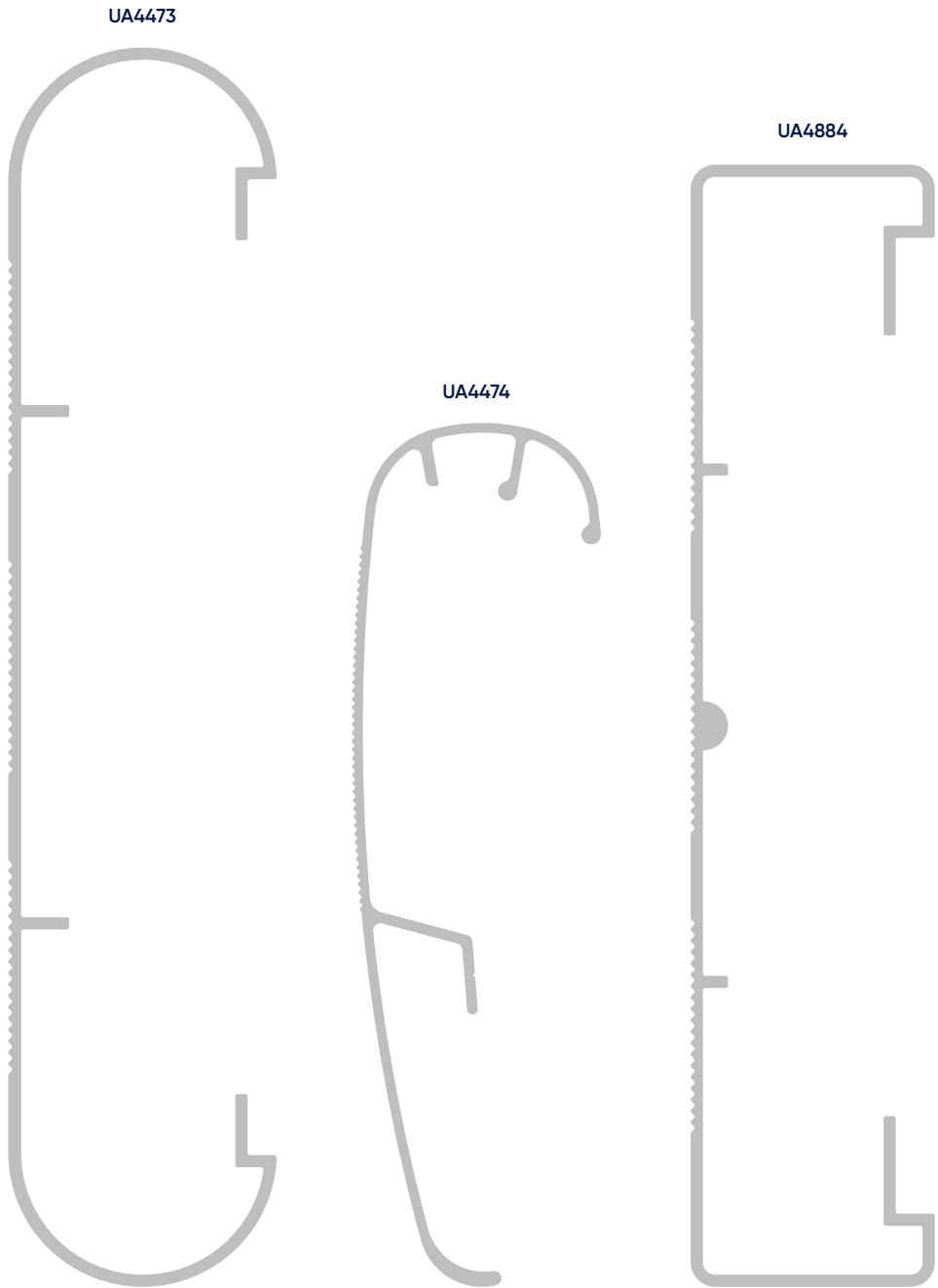
Note that some products may not be available in all states, and variations or substitutions may be an option.

Seating & Setting

UA 4473
Seating Section
Kg/m: 2.787
P: 870
OAD: 254 x 55

UA 4474
Seating Back Rest
Kg/m: 1.729
P: 611
OAD: 177.6 x 51

UA 4884
Saw Horse Top
Kg/m: 2.742
P: 857
OAD: 230 x 50

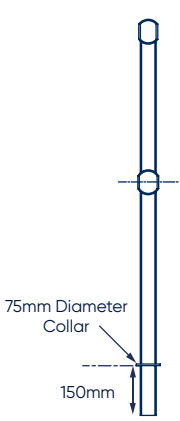
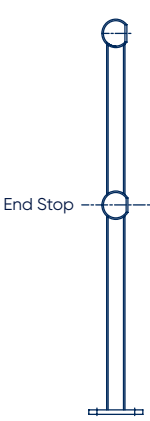
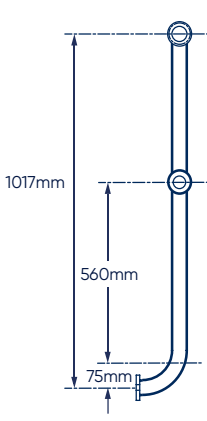
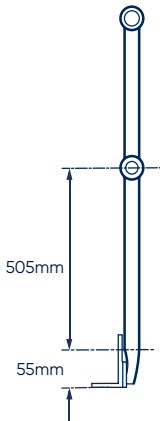
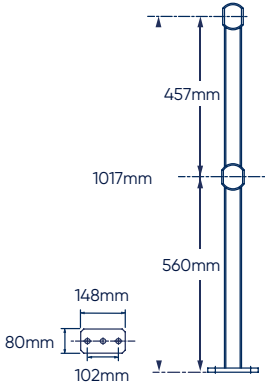
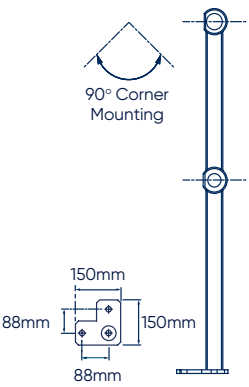
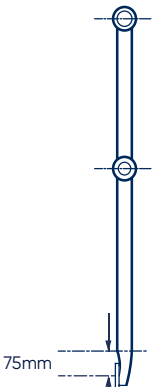
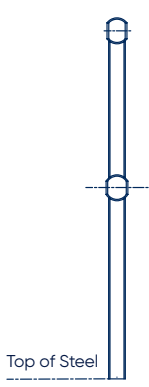


OAD = Overall Dimensions

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*Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.*

Stanchions

			
FWALKACS Description: Cored Through	FWALKACDOSO Description: Drilled One Side	FWALKASOS Description: Side Offset	FWALKASC Description: Side Conveyor
			
FWALKAPS Description: Platform	FWALKAPC Description: Platform Corner	FWALKASS Description: Side 38.1 Mid	FWALKAWS Description: Welded
FWALKAPDOSO Description: Drilled One Side		FWALKASSDL SO & FWALKASSDR SO Description: Drilled One Side	FWALKAWS Description: Drilled One Side

OAD = Overall Dimensions

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Closure Bends & Slip Joints

Angle Closure Bends (ACB)

90° Closure

Code: UWAACB90140

35° Closure

Code: UWAACB35140

38° Closure

Code: UWAACB35140

41° Closure

Code: UWAACB41140

44° Closure

Code: UWAACB44140

Rail Bends (RB)

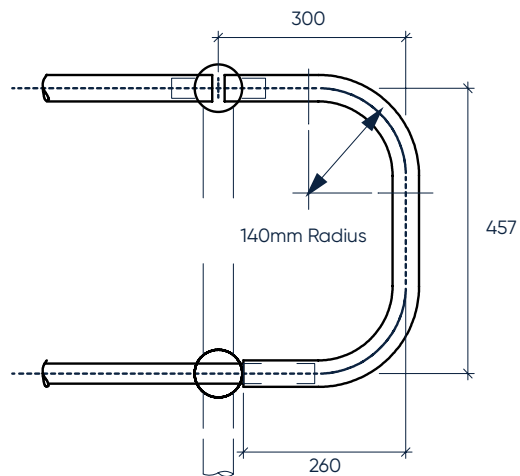
90° Handrail Bend

Code: UWAHR90

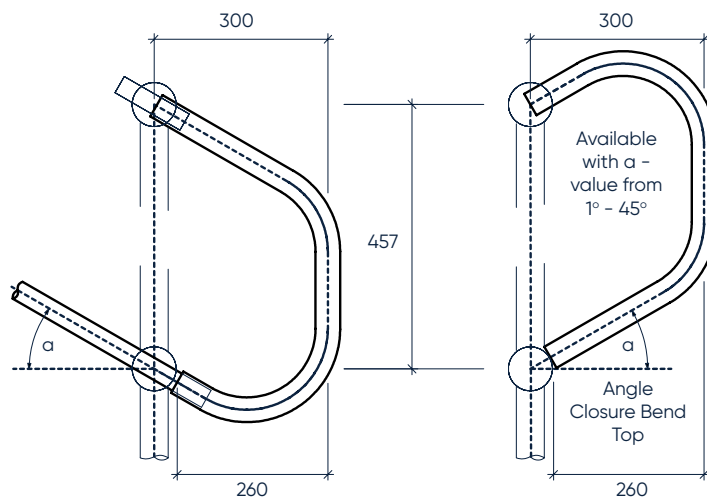
90° Kneerail Bend

Code: UWAKR90

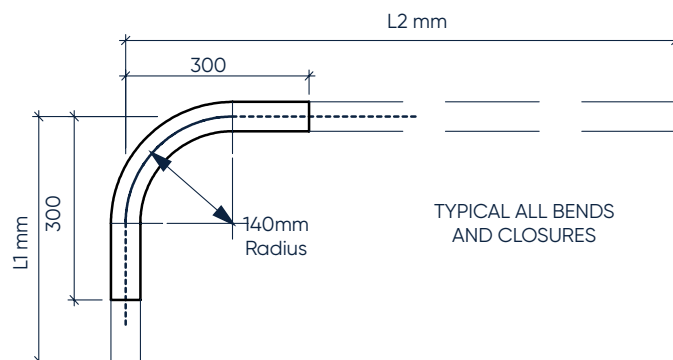
90° Angle Close Bends (ACB)



35° - 44° Angle Close Bends (ACB)



Rail Bends (RB)



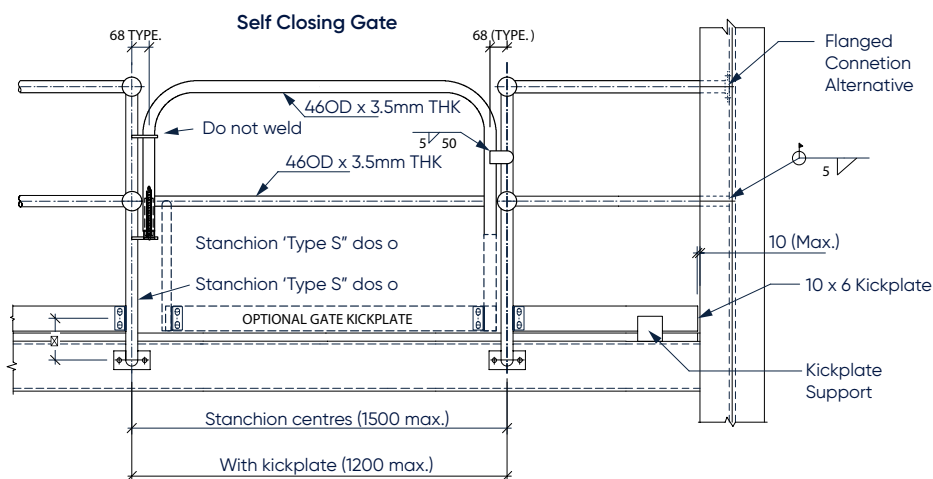
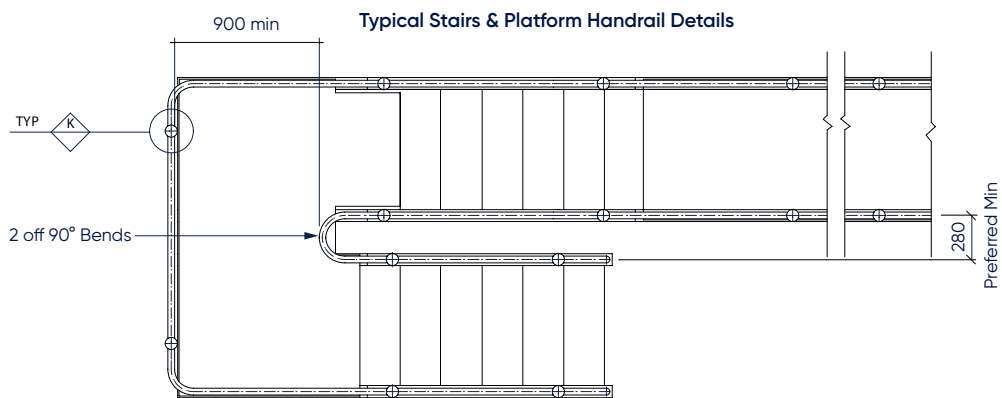
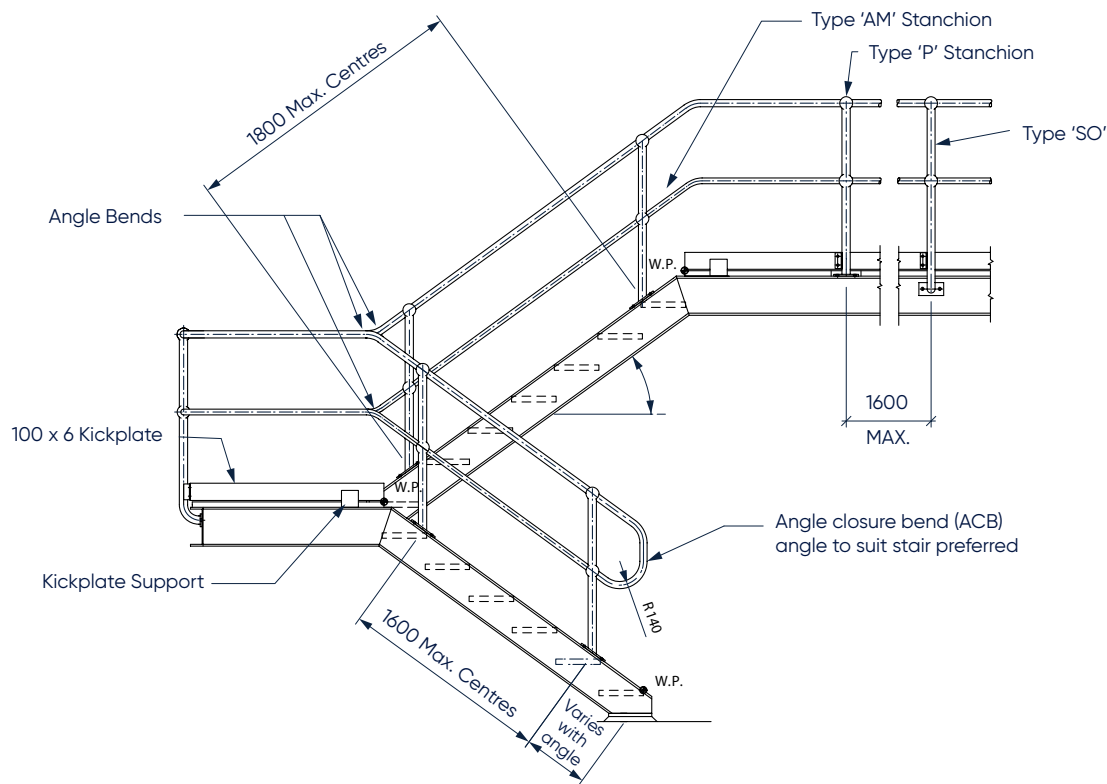
OAD = Overall Dimensions

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Closure Bends & Slip Joints *(continued)*

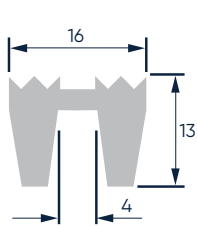


OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

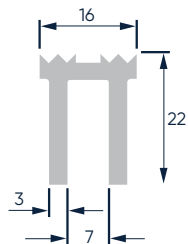
Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Walkway Grating



WALKG13

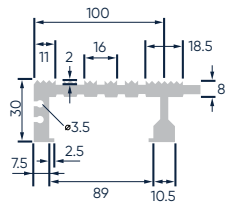
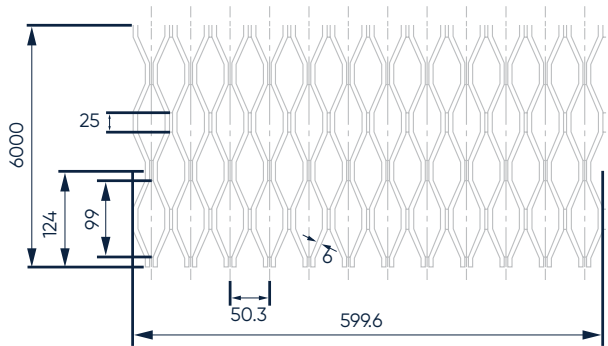
Length:	6000mm
Width:	600mm
Weight:	28.0kg/panel 7.756kg/m ²



WALKG22

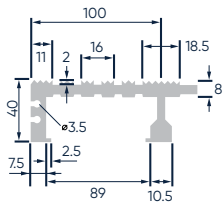
Length:	6000mm
Width:	600mm
Weight:	35.0kg/panel 9.757kg/m ²

SERIES 13 & 22



WALKG30

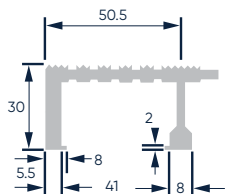
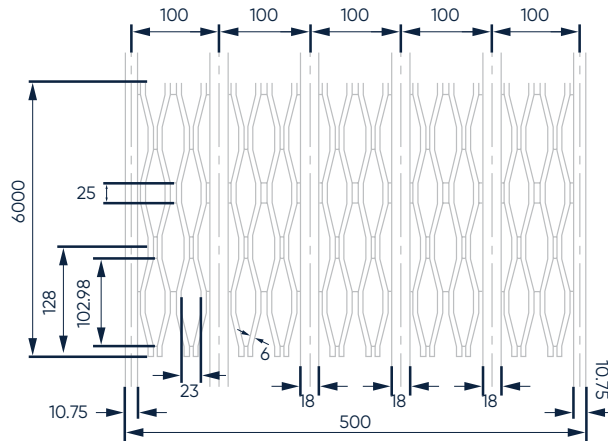
Length:	6000mm
Width:	500mm
Weight:	46.7kg/panel 15.56kg/m ²



WALKG40

Length:	6000mm
Width:	500mm
Weight:	51.8kg/panel 17.27kg/m ²

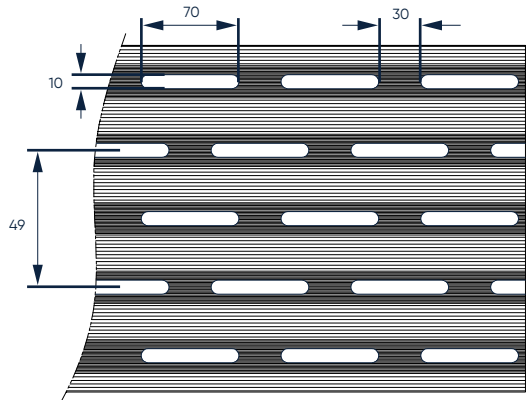
SERIES 30 & 40



WALKG13/SL

Length:	6000mm
Width:	250mm
Weight:	28.2kg/panel 18.8kg/m ²

SERIES 30/SL



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Wardrobe – Vee Glide

XVG 030 251
Double Track Shallow Head
Kg/m: 0.71
P: 100
OAD: 81.6 X 40

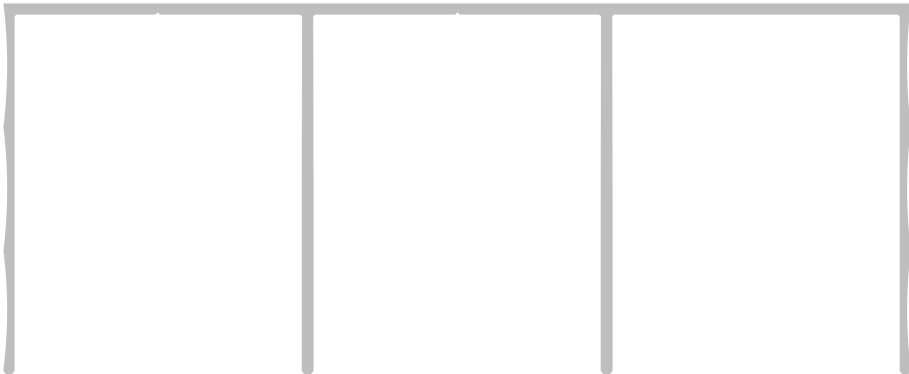
XVG 030254
Triple Track Head
Kg/m: 1.246
P: 100
OAD: 123 X 50

XVG 030253
Double Channel Jamb
Kg/m: 0.573
P: 100
OAD: 82.5 x 34

XVG 030 251



XVG 030254



XVG 030253



OAD = Overall Dimensions

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Please contact your local branch for more enquires and stock levels.
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Wardrobe – Vee Glide *(continued)*

XVG 6956

Triple Track Sill
Kg/m: 0.898
P: 100
OAD: 122.3 x 25.20

XVG 030260

Double Track Cover
Jamb
Kg/m: 0.505
P: 100
OAD: 86.5 x 34.5

XVG 8560

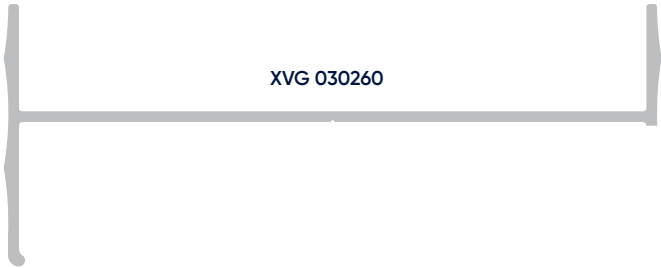
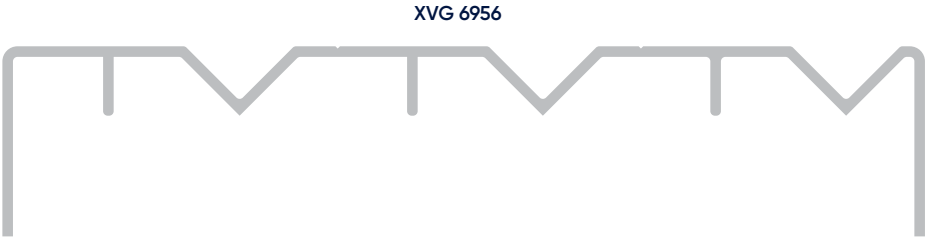
Double Track Channel
Jamb
Kg/m: 0.417
P: 100
OAD: 82.5 x 1.6

XVG 030252

Double Track Flat Sill
Kg/m: 0.47
P: 100
OAD: 82.5 x 9.2

XWAR 17669

Double Head Track
Kg/m: 0.496
P: 100
OAD: 70.6 x 30



OAD = Overall Dimensions

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Wardrobe – Vee Glide (continued)

XWAR 17670
Double Sill Track
Kg/m: 0.336
P: 100
OAD: 70.6 x 6

XWAR 17670



XVG 6954
Lipped Seal
Kg/m: 0.592
P: 100
OAD: 82.1 x 25.2

XVG 6954



XWAR 0302671
Stile
Kg/m: 0.305
P: 100
OAD: 28.9 x 21.5

XWAR 030332
Lipped Stile
Kg/m: 0.271
P: 100
OAD: 34 x 19.5

XWAR 0302671



XWAR 030332



XVG 030248
Rail
Kg/m: 0.298
P: 100
OAD: 14.25 x 26

XVG 030248



XWARVA 6971
Wall Channel
Kg/m: 0.194
P: 100
OAD: 20.2 x 19.2

XWARVA 6971



XWAR 17671
Top Rail
Kg/m: 0.282
P: 100
OAD: 15 x 24.9

XWAR 17671



XWAR 17672
Bottom Rail
Kg/m: 0.412
P: 100
OAD: 15 x 44.9

XWAR 17672



XWARG 6463
Lipped Rail
Kg/m: 0.311
P: 100
OAD: 13.9 x 26

XWAR 17671



XWARG 6463



OAD = Overall Dimensions

Diagrams are schematic only and not intended as specification drawings.

Please contact your local branch for more enquires and stock levels.
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Wardrobe – Components

FWARWVG300
Door Wheel Assembly

FWARWVG100
Head Guide

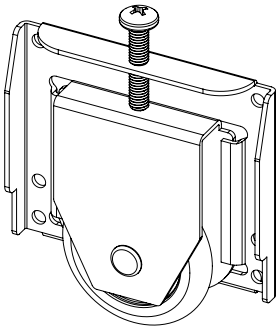
FWARWA200
4mm Glazing Channel

FWARWA210
9mm Board Wedge

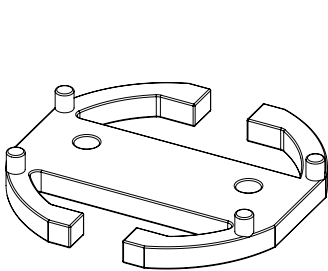
FWARWA220
10mm Board Wedge

FWARWVG200
Buffer Strip

FWARWVG300



FWARWVG100



FWARWA200



FWARWA210



FWARWA220



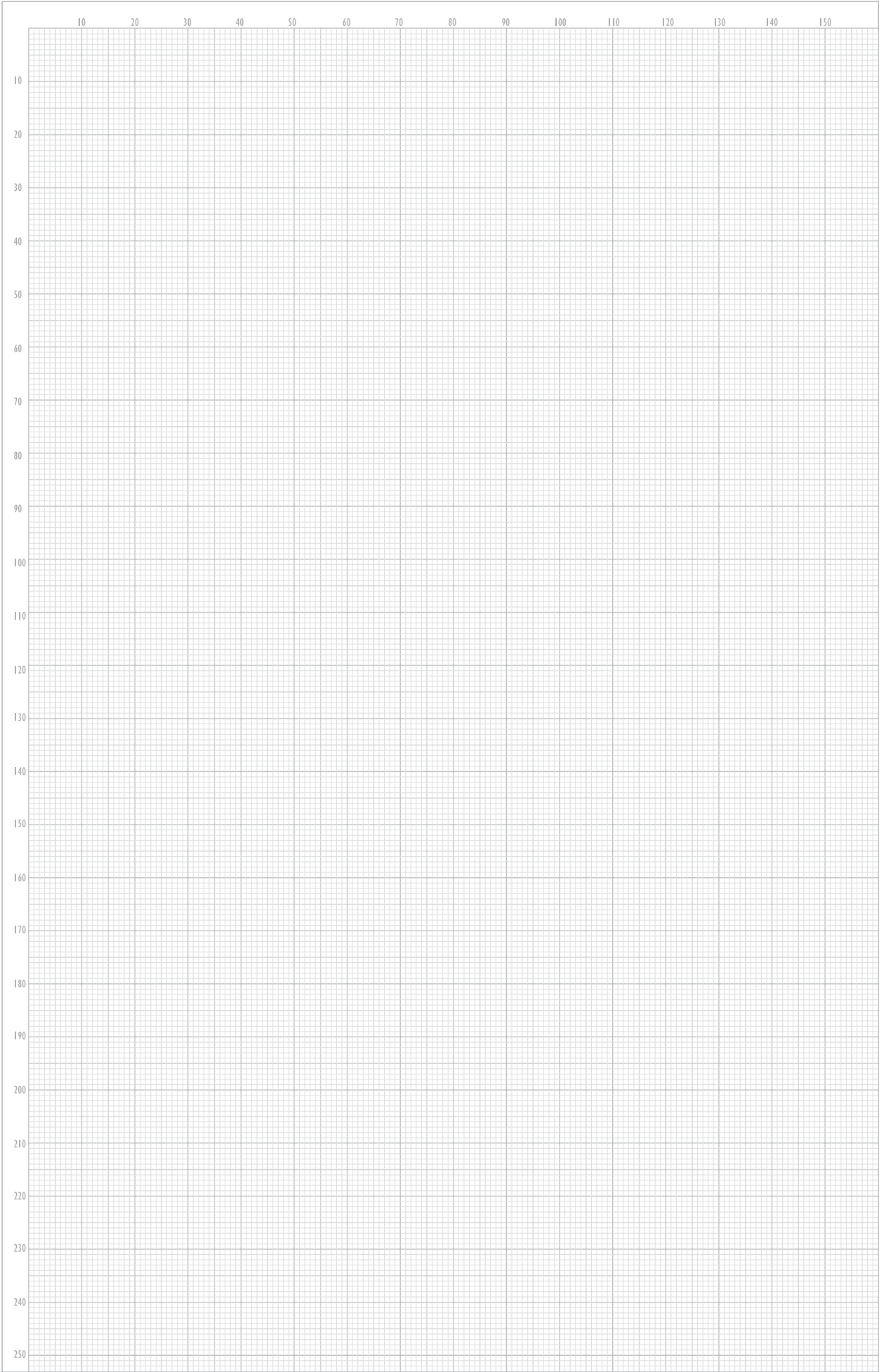
FWARWVG200



OAD = Overall Dimensions

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04/

Sign Panel Extrusions

Sign Panel Extrusions	57
UltraSign	58

*Please contact your local branch for stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.*

Sign Panel Extrusions

UA 1642

Square Hollow
Kg/m: 0.313
P: 102
OAD: 25.4 x 25.4



UA 7948

4mm Sign Panel Cap
Kg/m: 0.167
P: 89
OAD: 26.5 x 8

UA 7948



UA 7949

4mm Sign Panel Jointer
Kg/m: 0.305
P: 160
OAD: 51.5 x 8

UA 7949



UA 7950

4mm Sign Panel Int
Corner
Kg/m: 0.334
P: 172
OAD: 33 x 33

UA 7950



UA 7951

4mm Sign Panel Ext
Corner
Kg/m: 0.366
P: 184
OAD: 32.56 x 32.56

UA 7951



UA 7990

4mm Sign Panel Frame
Kg/m: 0.481
P: 125
OAD: 32 x 20.5

UA 7990



UA 7991

4mm Sign Panel Box
Frame
Kg/m: 1.269
P: 443
OAD: 67.4 x 67.4



UA 1508

Cast Box Corner Fits
UA 7991
Code: FCA1508
Made to order, minimum
order quantity required
for purchase

UA 12659

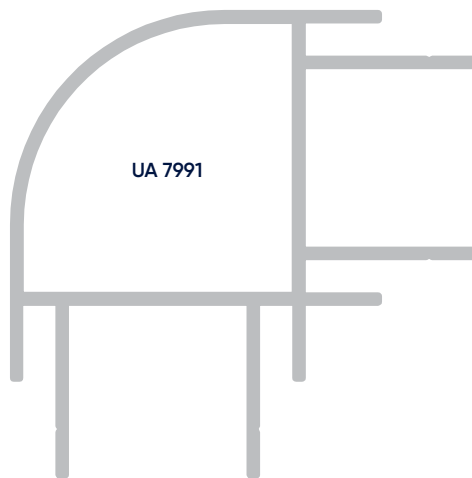
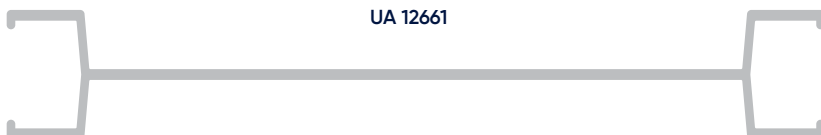
Aluminium Barrier Board
Road Sign
Kg/m: 1.817
P: 564.1
OAD: 25.5 x 28.5

UA 12660

Large Backing Rail Sign
Frame
Kg/m: 1.358
P: 293.6
OAD: 44.0 x 40.0

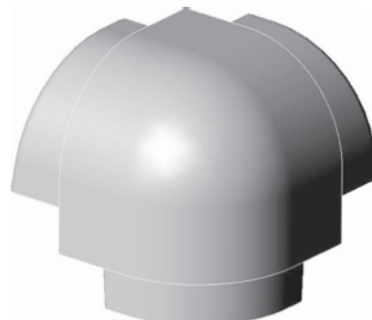
UA 12661

Small Backing Rail Sign
Frame
Kg/m: 0.632
P: 186.3
OAD: 190.0 x 30.0



UA 7991

UA 1508



UA 12659



UA 12660



Please contact your local branch for more enquires and stock levels.

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UltraSign

A popular product consisting of an insulated core sandwiched between two aluminium facings.

UltraSign is often used extensively for external walls, internal structures, signages and roof construction on commercial buildings. Specialist uses include cold storage, warehousing, food, hotels and other environments which need to adhere to stringent hygiene standards.



Composition

- Three layer composite structure.
 - Aluminium sheet (standard thickness 0.30mm) covers both sides.
 - The panel is surface coated with PE (Polyester) paint.
- The centre core is low density polyethylene.

Features

UltraSign Composite Sign Panel is well known for its main characteristics such as:

- Pre-painted, light weight panel
- Excellent surface flatness and paintable smooth surface
- High quality colour consistency
- Surface enables precise printing
- High strength and flexible
- Easy to fabricate
- Easy to maintain

Product Applications*

- Signage and displays
- Advertisement boards
- Creative interior decoration
- Recommended for use as a Signage Panel

Colours

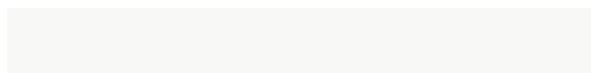
- Standard colour range as per chart
- Various colour combinations and finishes available on each side.**
- Surface coated with PE (Polyester) paint

Panel Sizes

- 1220 x 2440 x 3mm
- 1220 x 2440 x 4 mm
- 1220 x 3000 x 3 mm
- 1220 x 3600 x 3 mm
- 1220 x 3600 x 4 mm
- 1500 x 3000 x 3 mm
- 1500 x 2440 x 3mm
- 2000 x 4000 x 3mm

Colours

Side A



White (Gloss)



Black (Gloss/Matt)



Brushed Silver

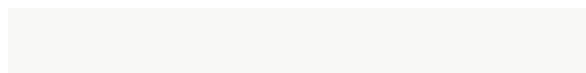


Metallic Silver

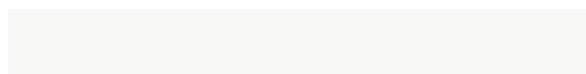


Black (Gloss)

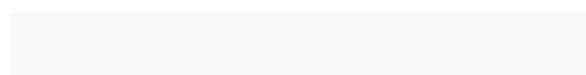
Side B



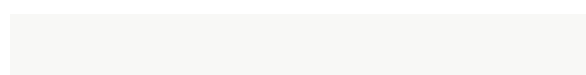
White (Gloss/Matt)



White (Gloss)



White (Gloss)



White (Gloss)



Red (Gloss)

* Sign panel is not fire resistant and is not approved for use as an exterior building or construction cladding.

** Check on range and availability of stocked items.

Please contact your local branch for more enquires and stock levels.

Note that some products may not be available in all states, and variations or substitutions may be an option.

UltraSign

Product Code	T (mm)	W (mm)	L (mm)	Composition (mm)
SCP300LWG+12202440	3.0	1220	2440	Lite Composite with 0.21 skin
SCP300LWGSM+12202440	3.0	1220	2440	Lite Composite with 0.21 skin
SCP300LWGWM+12202440	3.0	1220	2440	Lite Composite with 0.21 skin
SCP300G610T6WG+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6BGWG+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6WGSM+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6BGRG+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6BMWG+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6WGWM+12202440	3.0	1220	2440	Standard Composite with 0.30 skin
SCP300G610T6WG+12203000	3.0	1220	3000	Standard Composite with 0.30 skin
SCP300G610T6BGWG+12203000	3.0	1220	3000	Standard Composite with 0.30 skin
SCP300G610T6WG+12203600	3.0	1220	3600	Standard Composite with 0.30 skin
SCP300G610T6WG+15002440	3.0	1500	2440	Standard Composite with 0.30 skin
SCP300G610T6WG+15003000	3.0	1500	3000	Standard Composite with 0.30 skin
SCP300G610T6BGWG+15003000	3.0	1500	3000	Standard Composite with 0.30 skin
SCP300G610T6WG+15003600	3.0	1500	3600	Standard Composite with 0.30 skin
SCP300G610T6BGWG+15003600	3.0	1500	3600	Standard Composite with 0.30 skin
SCP300G610T6WG+20004000	3.0	2000	4000	Standard Composite with 0.30 skin
SCP400WG+12202440	4.0	1220	2440	Standard Composite with 0.30 skin
SCP400WG+15003000	4.0	1500	3000	Standard Composite with 0.30 skin
SCP400BSWG+12203600	4.0	1220	3600	Standard Composite with 0.30 skin

Technical Data

Sign Panel Thickness	3mm/4mm
Panel Weight (kg/m2)	3.92 (3mm sign panel/0.21mm sheet) 4.23 (3mm sign panel/0.3mm sheet) 5.21 (4mm sign panel/0.3mm sheet)
Aluminium Sheet Thickness	0.21mm (3mm panel) 0.3mm (3mm/4mm panel)
Panel Thickness Tolerance	+/- 0.2mm
Panel Width Tolerance	+/- 2mm
Panel Length Tolerance	+/- 3mm
Panel Diagonal Tolerance	+/- 5mm
Aluminium Thickness Tolerance	+/- 0.02mm
Paint Thickness	20 +/- 2 µm
Paint Pencil Hardness	>HB
Paint Toughness	3T
Impact Strength	50 (kg/cm)
Temperature Resistance	-50°C to 90 °C (Subject to thermal expansion & shrinkage)
Fire Resistance	NOT Fire resistant – Material is combustible & flammable
Peel Strength (180°C)	>5 Newton/mm
Boiling Water Resistance	2 Hours without change
Storage	Avoid areas affected by rain, dampness or condensation
Solvent Resistance	100x with Dimethylbenzene without change
Cleaning Resistance	Over 100x without change

UltraSign ACP for Sign/Display Polyester Coating Warranty

This warranty pertains to the polyester coating system with one coat polyester quality on the surface of the aluminium composite sign panel.

In regards to weather resistance the polyester coating has a consistent colour aging of white over 10 years and approximately 5 years for all other colours. This is dependent upon the panels being used in standard project locations and under normal conditions.

Normal conditions exclude the following:

Corrosive or aggressive environments e.g wind born sand, chemicals or chemical fumes, contamination by salt spray, submersion in water and airborne fumes or liquids.

Damage to the product caused by cut edges exposed to the environment.

Damage such as scratching caused in storage, handling, processing, during or after installation.

Panels must be cleaned frequently.

It is recommended that the panels be cleaned with a fluff free cloth using warm water (20–30°C) mixed with a neutral detergent. After cleaning, panels should be washed down with cold water.

DO NOT USE any powerful alkaline cleaning agents such as potassium hydroxide, sodium carbonate or caustic soda, or any powerful acidic products or scouring agents.

DO NOT STORE in rain, wet areas or areas with high condensation.

Please contact your local branch for more enquires and stock levels.

Note that some products may not be available in all states, and variations or substitutions may be an option.

05/

Security & Flyscreen

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Garrison Security Fence Panel	69

Please contact your local branch for stock levels.

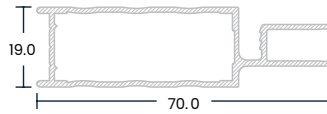
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security & Flyscreen Profiles



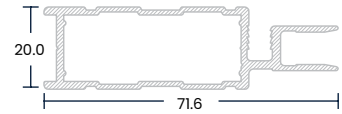
Security Door Frame

Code: XSEC6546
Length: 6.26m
Corner Stake: FSECSTAKE626



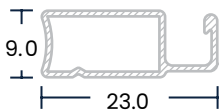
Security Door Frame

Code: XSEC8080
Length: 6.0m
Corner Stake: FSECSTAKEK965



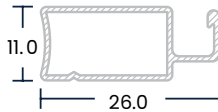
Security Door Frame

Code: XSEC8957
Length: 6.0m
Corner Stake: FSECSTAKEK965



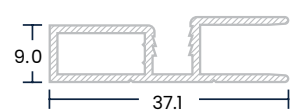
Extruded Flyframe

Code: XFLY2309
Length: 5.0m
Corner Stake: FSECSTAKEEFF229



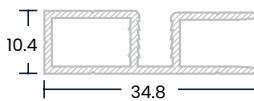
Extruded Flyframe

Code: XFLY2611
Length: 5.0m
Corner Stake: FSECSTAKEEFF2511



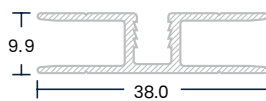
Security Window Frame

Code: XSEC37100
Length: 6.0m
Corner Stake: FSECSTAKE50324



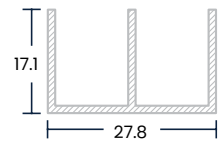
Security Window Frame

Code: XSEC6547
Length: 6.0m



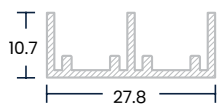
Security Window Midrail

Code: XSECL6715
Length: 6.0m



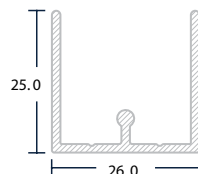
Double Top Window Track

Code: XSECL2353
Length: 6.0m



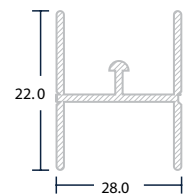
Double Bottom Window Track

Code: XSECL2354
Length: 6.0m



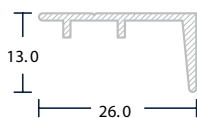
25mm Sliding Bottom Track

Code: XSEC8767
Length: 6.0m



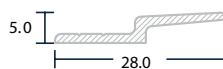
Sliding Door Track

Code: XSEC9145
Length: 6.5m



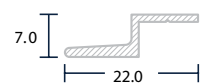
Female Interlock

Code: XSEC8825
Length: 4.3m



Small Offset Interlock

Code: XSEC8826
Length: 4.3m



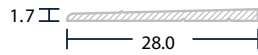
Large Offset Interlock

Code: XSEC8827
Length: 4.3m

Please contact your local branch for more enquires and stock levels.

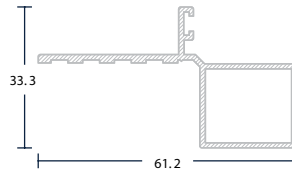
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security & Flyscreen Profiles *(continued)*



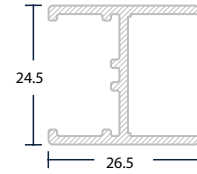
Flat Interlock

Code: XSEC8830
Length: 4.3m



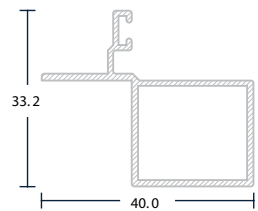
Long Leg Jamb Adaptor

Code: XSEC037102
Length: 5.3m



OXXO Screen Adaptor

Code: XSEC6487
Length: 6.5m



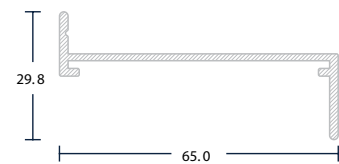
Short Leg Jamb Adaptor Closed

Code: XSECU9898
Length: 5.1m



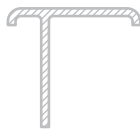
Bug Strip 16mm

Code: XSEC8828
Length: 4.3m



Louvre Screen Standout

Code: XLOU6488
Length: 6.5m



Door Edge T Mullion

Code: XSECL2210
Length: 4.3m

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security & Flyscreen Profile Finishes



Mill Finish



Anodised 15UM Matt Clear



Anodised 10UM2 Step Light Brz



PC Monument Satin



PC Paperback



PC Primrose



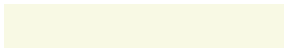
PC Pearl White



PC Satin Black



PC Woodland Grey



PC White Birch



PC Surfmist Satin



PC Black Textura

Code PMS

Code PPBM

Code PPRG

Code PPWG

Code PBS

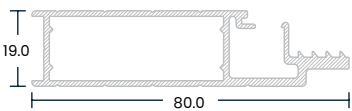
Code PWGM

Code PWBG

Code PSMS

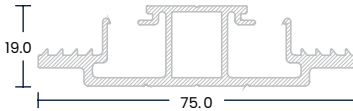
Code PBT

UltraSafe Profiles



19mm Security Screen Door Frame

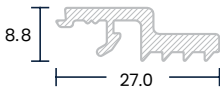
Code: USFD10855
Length: 6.3m
Corner Stake: FSECSTAKE626



Door Security Midrail

Code: USF10851
Length: 6.0m
Midrail Spigot: FUSFMS

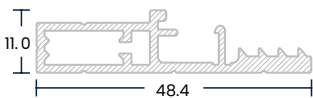
*Available in Satin Black/ Mill Finish



Door Security Bead

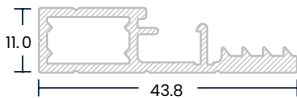
Code: USFDB10062
Length: 6.3m

*Available in Textura Black only



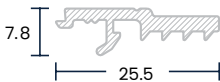
9mm Window Security Frame

Code: USFW10514
Length: 6.0m
Corner Stake: FSECSTAKE50324



11mm Window Security Frame

Code: USFW10063
Length: 6.0m
Corner Stake: FSECSTAKE539



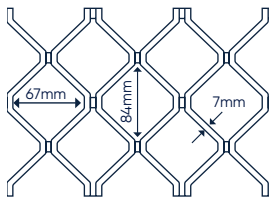
Window Security Bead

Code: USFWB10064
Length: 6.0m

*Available in Textura Black only

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security Grilles



Code	W (mm)	L (mm)
ASM007	778	2111
ASM007	778	2511
ASM007	778	6160
ASM007	945	2111
ASM007	945	2511
ASM007	945	6190
ASM007	1250	2060
ASM007	1250	2460
ASM007	1250	6150



Mill Finish



Anodised 15UM Matt Clear

Code	ACM
------	-----



Anodised 10UM2
Step Light Brz

Code	ABL
------	-----



PC Pearl White

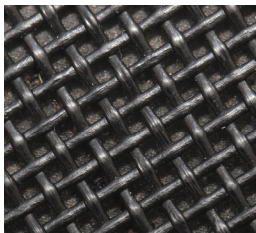
Code	PPWG
------	------



PC Satin Black

Code	PBS
------	-----

Security Mesh



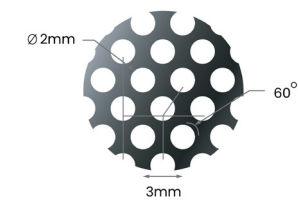
Code	W (mm)	L (mm)
SSM111	750	2000
SSM111	750	2400
SSM111	750	3000
SSM111	900	2000
SSM111	900	2400
SSM111	900	3000
SSM111	1200	2000
SSM111	1200	2400
SSM111	1200	3000
SSM111	1500	2000
SSM111	1500	2400
SSM111	1500	3000



316 Stainless Steel

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

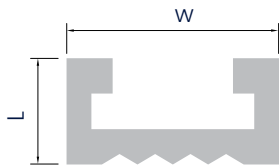
Perforated Screens



Perforated Sheet

Code	T (mm)	W (mm)	H (mm)	Alloy/Temper	Hole (mm)	Spacing (mm)
SPA1602033G5052H32PBS+7502000	1.6	750	2000	5052/H32	2.0	3.3
SPA1602033G5052H32PBS+7502400	1.6	750	2400	5052/H32	2.0	3.3
SPA1602033G5052H32PBS+9002000	1.6	900	2000	5052/H32	2.0	3.3
SPA1602033G5052H32PBS+9002400	1.6	900	2400	5052/H32	2.0	3.3
SPA1602033G5052H32PBS+1200200	1.6	1200	2000	5052/H32	2.0	3.3
SPA1602033G5052H32PBS+1200240	1.6	1200	2400	5052/H32	2.0	3.3

Available in Satin Black only.



Locking Bead

Code	W (mm)	L (mm)	Description
XSECAU-529G6063T5PBS+0310	12.0	6.0	3.1m 6060T5 PC Black Satin

Mesh

Micro-Fibreglass Mesh

Code	W (mm)	Roll size (m)
MFS2020BK	1220	30



Black

Standard Fibreglass Mesh – 18 x 16mm

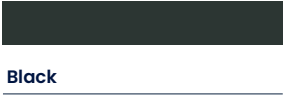
Code	W (mm)	Roll size (m)
MFS1816BK	910	50
MFS1816BK	1220	50



Black

Paw Proof PVC Mesh – 14 x 10mm

Code	W (mm)	Roll size (m)
MPVC1410BK	910	30
MPVC1410BK	1220	30



Black

DVA Supermesh

Code	W (mm)	L (mm)
ASMDVA602	750	2000
ASMDVA602	900	2200
ASMDVA602	1200	2200



Black

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security Door & Flyscreen Component



Leichardt Sliding Security Door Lock

Code: FSECWH865317



3 Point Locking Kit

Code: FSECWH867117



Triple Lock Reverse Kit

Code: FSECWH867217



Sliding Door Single Point Lockset

Code: FSECL8653BLK



Standard 3 Point Kit

Code: FSECL8653-3PK



Sliding Security Door Lock

Code: FSECSD7PMBK



Austral Sliding Door Multipoint Lock Kit

Code: FSECSD14H

Security Door & Flyscreen Products



Tasman Mk2 Hinged Security Door Lock

Code: FSECWH892117



Mk2 Tasman 3 Point Accessory Kit

Code: FSECWH893117



Elegance Hinged Lock

Code: FSECLXCPMBK

Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

Security Door & Flyscreen Products *(continued)*



Elegance Multipoint Lock Kit

Code: FSECEKIT/H



Hinged Door Lockwood Single Point Lockset

Code: FSECL8654BLK



Lockwood Standard 3 Point Kit

Code: FSECL8654-3PK



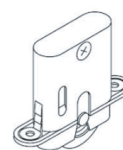
Sec. Door Shield

Code: FAUSGUARD



Foam Flyscreen Spline

Code: FSECFOAM57+450
FSECFOAM60+400



Easy Fix Sec. Door Roller

Code: FSECKA9-760-10



PVC Swivel Clip

Code: FSECOAC022-133



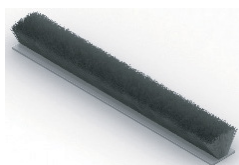
Stop Bead

Code: FSECSBEAD2.1PSBK
FSECSBEAD2.1PW
Dimensions: 2.1m - 16 x 13mm



Stop Bead

Code: FSECSBEAD3PSBK
FSECSBEAD3PW
Dimensions: 3.0m - 16 x 13mm



Schlegel Weather Seal

Code: FSCHPB4853-3B/M



Insect Seal

Code: FSCHPS13B



Insect Seal

Code: FSCHPS16B



Insect Seal

Code: FSCHPS28B

Please contact your local branch for more enquires and stock levels.

Note that some products may not be available in all states, and variations or substitutions may be an option.

Security Door & Flyscreen Products *(continued)*



Corner Stake
Code: FSECSTAKE539



Corner Stake
Code: FSECSTAKE626



Corner Stake
Code: FSECSTAKE9373



Corner Stake
Code: FSECSTAKEEFF229



Corner Stake
Code: FSECSTAKEEFF2511



Corner Stake
Code: FSECSTAKE965



Corner Stake
Code: FSECSTAKE50324



Trio Steel Sec. Hinge
Code: FWH831417



5 Disc Cylinder to Suit Tasman and Leichardt
Code: FSECWH841700



Pin Cylinder K.A to Suit Tasman/Flinders/3Pt
Code: FSECWH842500



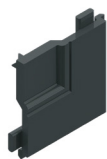
Hinged Screen Door Closed
Code: FWH810517



Austral Pneumatic Door Closer
Code: FAUSCBLACK

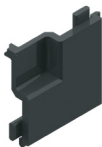
Please contact your local branch for more enquires and stock levels.
Note that some products may not be available in all states, and variations or substitutions may be an option.

UltraSafe Components



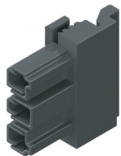
**Security Screen Window
Black Corner Infill**

Code: FUSFWIF+100



**Security Screen Door
Black Corner Infill**

Code: FUSFDIF+100



Security Door Midrail Spigot

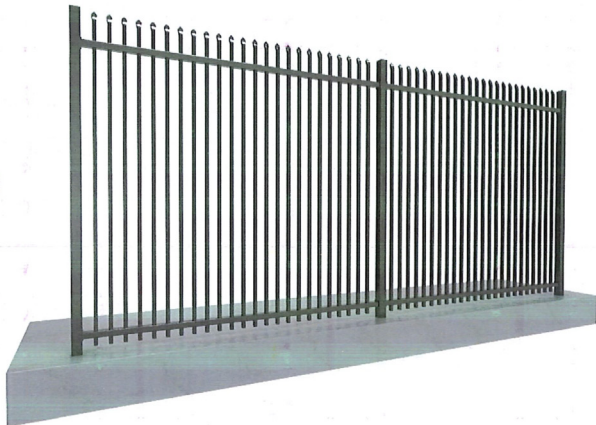
Code: FUSFMS



**Black Acrylic Double Sided
Bonding Tape**

Code: TAPE1112B+33m
Size: 12mm x 33mm

Garrison Security Fence Panel



Garrison Security Fence Panel

Dimensions	1800 x 2400
Spear Cntrs	140mm
Spears	25mm
Rails	40mm

Garrison Security Fence Panel

Dimensions	2100 x 2400
Spear Cntrs	140mm
Spears	25mm
Rails	40mm

*Please contact your local branch for more enquires and stock levels.
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06 /

Technical Resources

Origins	71
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Sheet Specifications	72
Temper Types	72
Tolerances & Mechanical Property Limits	73

Aluminium Characteristics & Applications

Origins of Aluminium

Aluminium is a metallic element that comes from the ore bauxite. Aluminium is one of about 100 basic elements out of which the physical universe is built. In other words, it was created billions of years ago when the whirling clouds of hydrogen under constant pressure with electro-magnetic forces collided to form new elements. When Earth's mass cooled, aluminium mixed with water and oxygen to form the original matter from which bauxite is made. Bauxite is named after Les Baux, France, where it was discovered in 1821.

Converted to aluminium by modern processes, it becomes a light metal which can be given great strength by alloying with other metals. It is inherently corrosion-resistant, conducts heat and electricity, yet can be processed to reflect light and radiant energy. Aluminium is classified non-toxic. It is non-magnetic. It can be formed by all known metalworking processes. Its intrinsic properties make it able to be used in many circumstances where other materials would not be considered.

Alloy	Characteristics	Available Forms	Applications
6060	Suitable for intricate sections of light and medium strength. Forms well in T4 temper. High corrosion resistance, good surface finish, anodises well.	All shapes, tubing and rod.	Architectural extrusions such as glazing bars, windows frames and general purpose extrusions.
6082	Recommended alloy for structural purposes. Good strength and general corrosion resistance. Good weldability.	Structural shapes of all types, rod, bar and tube, offered in T6 temper.	Vehicles, bridges, roof trusses and general structural applications.
6106	Light structural alloy. Designed to provide optimum mechanical properties, complexity of shape, minimum section thickness and good surface finish. Good corrosion resistance, weldability and formability.	Thinner structural shapes, rod, bar and tubing.	Light structural applications, where surface finish is important. Marine, transport applications.
6261	Special purpose structural alloy. Good surface finish and corrosion resistance. Good formability in T4 temper. Good weldability.	Structural shapes of all types, rod, bar and tube, offered in T6 temper.	Structural applications where surface finish is important. Marine, transport applications.
T4	Medium structural alloy. Good extrusion characteristics with good surface finish.	Structural shapes of all types, rod bar and tube offered in T5 temper.	Medium structural applications, where surface finish is important. Marine, Transport applications.
T5	Special purpose structural alloy. Good surface finish and corrosion resistance. Good formability in T4 temper. Good weldability.	Structural shapes of all types, rod, bar and tube, offered in T6 temper.	Structural applications where surface finish is important. Marine, Transport applications.
T6	Recommended alloy for structural purposes. Good strength and general corrosion resistance. Good weldability.	Structural shapes of all types, rod, bar and tube, offered in T6 temper.	Vehicles, bridges, roof trusses and general structural applications.

Properties

WEIGHT

The specific gravity of aluminium is 2.7, about one-third that of iron (7.9) and copper (8.9). The weight to strength ratio of aluminium makes it an ideal construction material for the transport industry – air, sea, road and rail – where its light weight contributes to energy saving, increased load capacity and speed. Aluminium is also used in large-scale construction of high-rise buildings, power transmission cables and towers.

CORROSION RESISTANCE

When aluminium is exposed to air, a thin oxidised film forms on the surface, which helps to protect the metal from further corrosion. Anodising treatment enhances corrosion resistance, and is used in building construction, joinery, household appliances and utensils.

SURFACE ENHANCEMENT

Aluminium can be thermoset powdercoated or electrochemically anodised surface treated for enhanced protection and appearance. A wide range of colours are available. Aluminium is thus widely used for interior and exterior cladding of buildings and vehicles, and the fabrication of household and commercial appliances.

Sheet Specifications

ALUMINIUM 5005 H34

Aluminium alloy 5005 is a medium strength alloy with very good resistance to atmospheric corrosion and very good weldability that is highly suitable for decorative anodising. Whilst alloy 5005 is suitable for anodising, streaks can occur – if the finish you are seeking is critical, please specify 'special anodising quality' at time of order.

Temper Type

ALUMINIUM 5052 H32

Aluminium alloy 5052 in H32 temper has very good corrosion resistance to seawater and marine and industrial atmosphere. It also has very good weldability and good cold formability. It is a medium to high strength alloy with a strength slightly higher than 5251 and a medium to high fatigue strength.

ALUMINIUM 5083 H321/T16

Aluminium 5083 is known for exceptional performance in extreme environments. 5083 is highly resistant to attack by both seawater and industrial chemical environments.

Alloy 5083 also retains exceptional strength after welding. It has the highest strength of the non-heat treatable alloys but is not recommended for use in temperatures in excess of 65°C.

Alloy	Properties	Application	
5005-H34		- Buildings – roofing, cladding, corrugated sheet, signage, road signs & name plates - Food & chemical equipment	- Furniture - Anodised parts - HVAC equipment - Packaging - Pipe & tube - Can bodies
5052-H32	- Decorative finish - Hard-wearing - Non-slip - Corrosion-resistant - Low maintenance - Anti-static - Lightweight	- Treadplate - Boiler making - Containers - Name plates - Road signs - Architectural Paneling	- Welded tubes - Chemical industry - Irrigation - Desalination units - Pressure vessels - Rivets
	- Very good corrosion resistance to seawater, marine, & industrial atmosphere - Excellent weldability - Good cold formability - Medium to high strength/fatigue strength - Decorative finish - Hard-wearing - Non-slip - Corrosion-resistant	- Treadplate - Boiler making - Containers - Nameplates - Road signs - Architectural panelling - Welded tubes	- Chemical industry - Irrigation - Desalination units - Pressure vessels - Rivets
5083		- Shipbuilding - Rail cars - Vehicle bodies - Tip truck bodies - Mine skips and cages - Pressure vessels	

Tolerances & Mechanical Property Limits

Applicable manufacturing tolerances are those set out by the Aluminium Development Council of Australia Ltd (ADCA) in Aluminium Standards, Data and Design: Wrought Products (First Edition 1994). Invariably, tolerances for an individual geometric shape are subject to negotiation and agreement between extruder and customer. Under this provision, the function of the shape in its specific application is given priority consideration. All manufacturing tolerances are subject to review from time to time.

DIMENSION TOLERANCES¹

Cross-sectional metal dimension ² (mm)	ADCA Tolerance (mm)
Up to 3	0.15
3 to 6	0.18
6 to 12	0.20
12 to 20	0.23
20 to 25	0.25
25 to 40	0.31
40 to 50	0.36
50 to 100	0.61
100 to 150	0.86
150 to 200	1.12
200 to 20	1.37

1. Dimensional tolerances are rounded down to the nearest 0.05mm because all calipers used to measure metal dimensions are almost universally graduated at intervals of 0.05mm
2. Metal dimensions refer to solid metal dimensions or any measurement unbroken by a gap or void. For tolerances across gaps or voids refer to ADCA Standards.

USEFUL FORMULAE

Nominal mass (kg/m²) of extruded aluminium:

Calculate cross-section area (mm²) and multiply by 0.00271

Factor

Difficulty of Extrusion Factor:

Calculate the perimeter of the section (for hollow sections, both outside and inside perimeters) and divide the result by the nominal mass (kg/m) of the section.

Weight of Billet

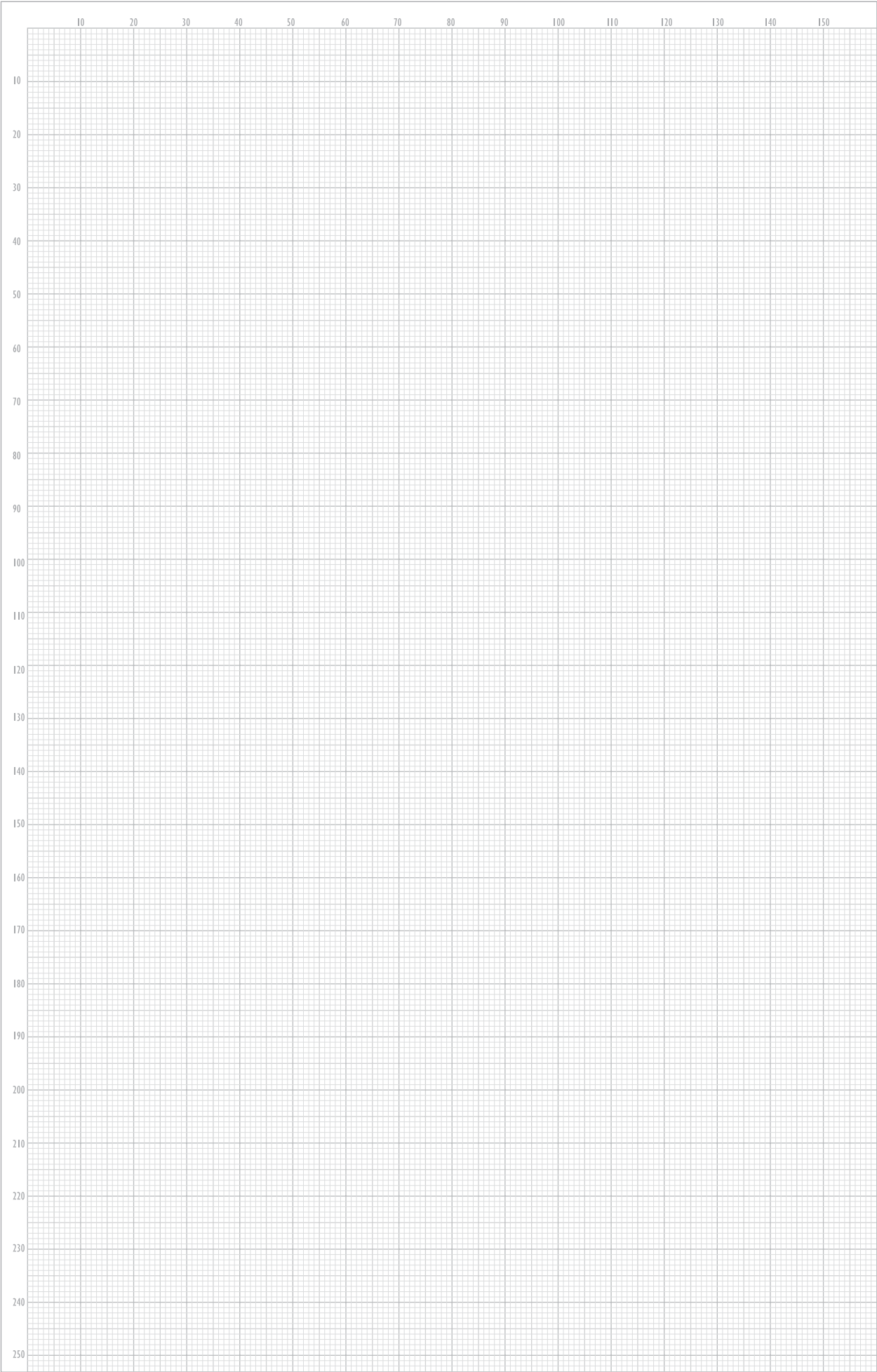
Billet, 178mm diameter - lmm = 0.0666 Kg

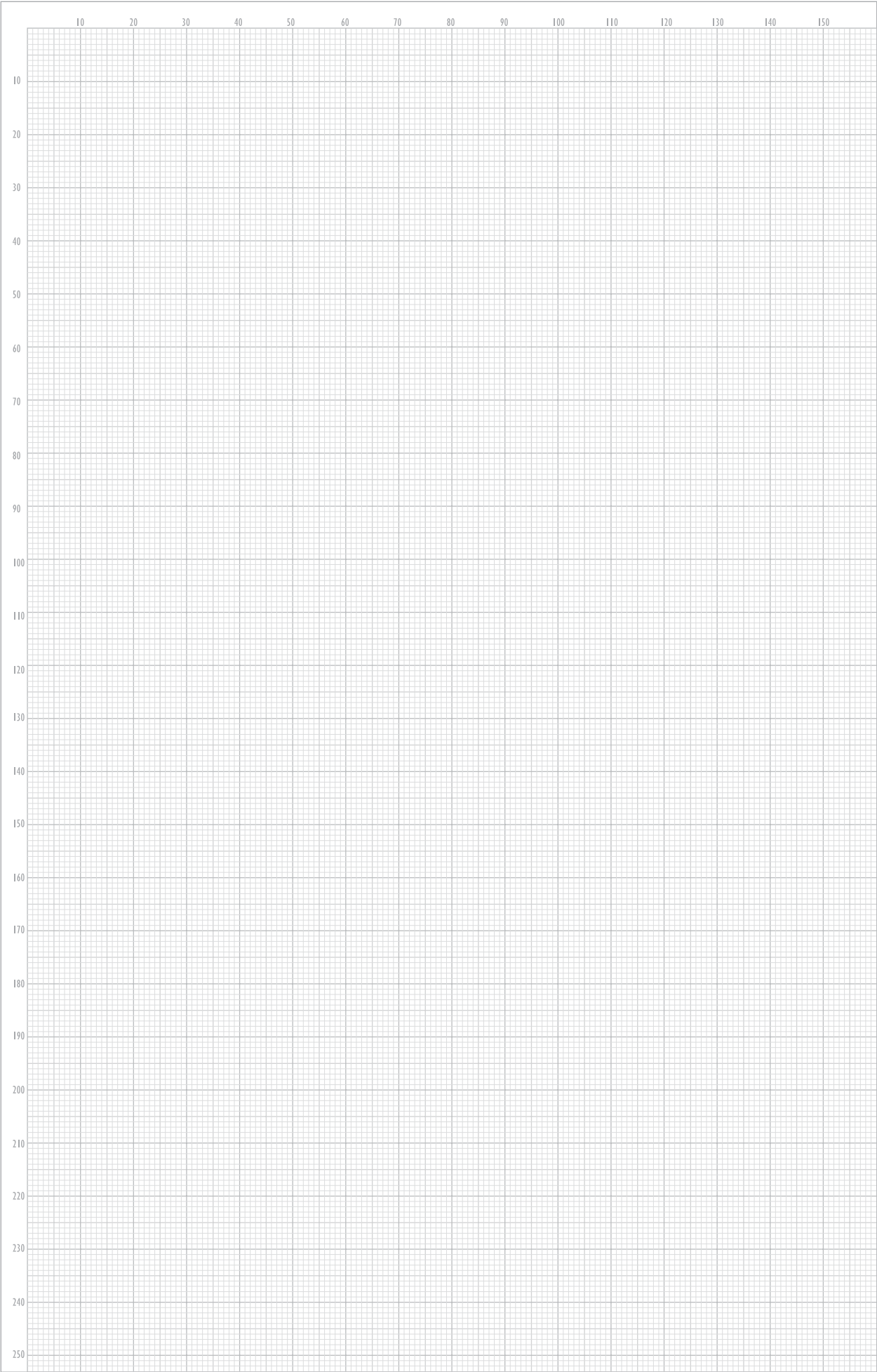
Billet, 202mm diameter - lmm = 0.0875 Kg

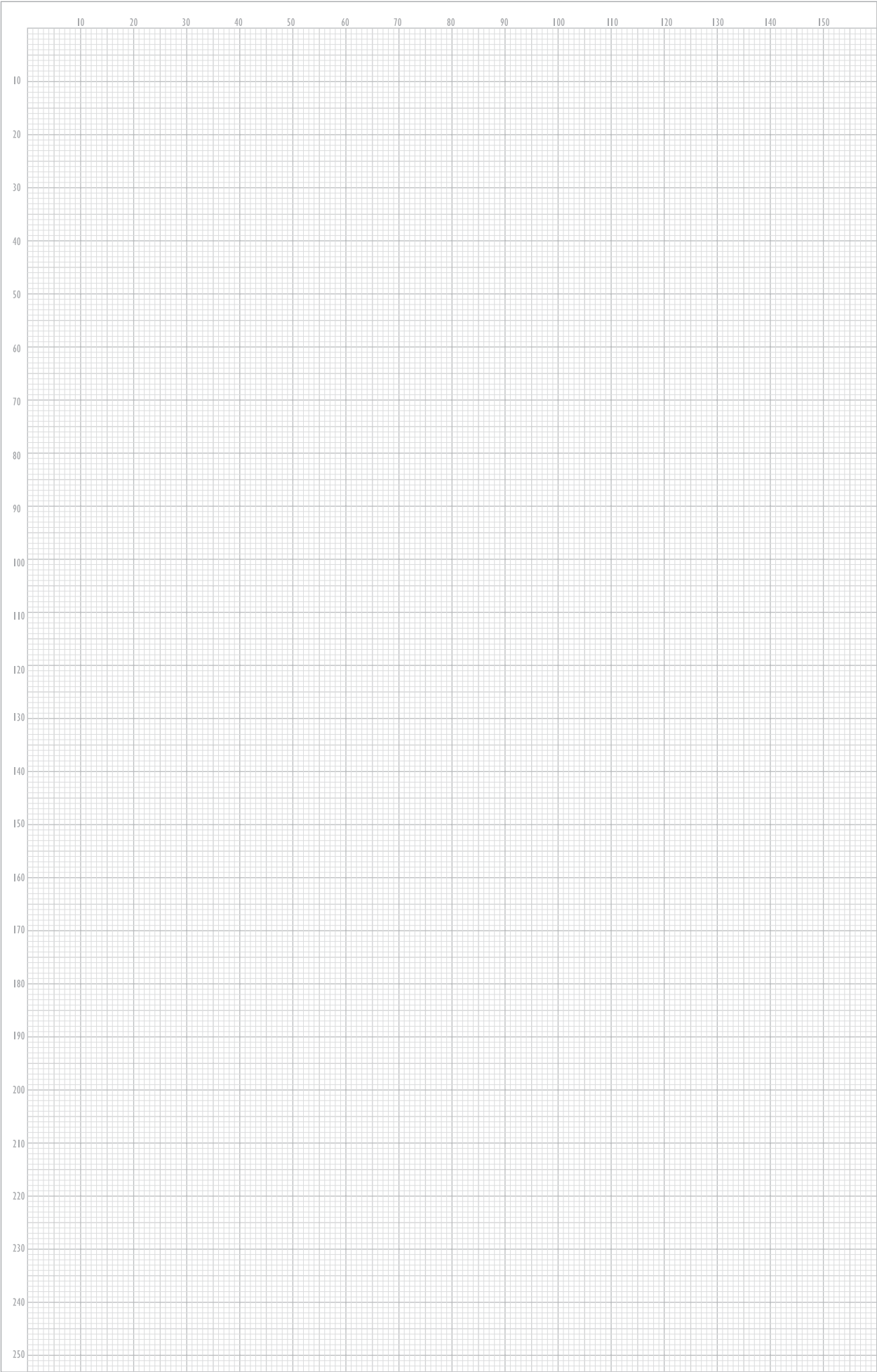
MECHANICAL PROPERTY LIMITS – EXTRUDED PRODUCTS

Cross-sectional metal dimension ² (mm)	Thickness (mm) ³		Tensile Strength (MPa) (mm)			Elongation ^{4,5} % min in 50mm or 5.65√-A
	Over	Up to	Ultimate minimum	Yield minimum		
6060 - T5		12.0	150	110		8
	12.0	25.0	145	105		6
6106 - T6		10.0	235	210		8
	10.0	25.0	205	170		8
	25.0	150.0	185	160		10
6005A - T5		All	260	240		8
6063 - T5	12.0	All	220	180		12
6061 - T6	12.0	All	310	275		12
6351 - T6		All	330	310		11
6082 - T6		20.0	295	255		7
	20.0	150.0	310	270		7

3. The thickness of the cross-section or wall thickness from which the tension specimen is taken determines the applicable mechanical properties.
4. For material of such dimensions that a standard test specimen cannot be taken, or for material thinner than 1.6mm the test for elongation is not required.
5. A = specimen cross-sectional area.
6. These yield strengths are not determined nor guaranteed unless specifically requested.







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Thurgoona,
NSW 2640

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Vulcan Aluminium Bathurst

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Robin Hill,
NSW 2795

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