

Stocklist and Standard Aluminium Sections Catalogue

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Introduction to Aluminium

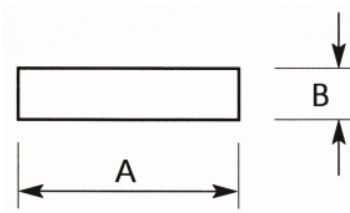
Aluminium is the third most abundant element in the earth's crust, always found locked in combination with other elements. It was not isolated in metallic form until early in the nineteenth century, with commercial production being made possible by the independent discovery in 1886 by Charles Hall (USA) and Paul Heroult (France) of an economical way to separate the metal from alumina (aluminium oxide).

Since then, Aluminium has increasingly entered our lives and we now extensively utilise the advantage offered by its diverse, yet complementary properties.

These are:

- | | |
|-------------------------------------|--|
| Lightness | One third the weight of steel. |
| Corrosion Resistant | Naturally protected by a thin self-protective film that is colourless, nontoxic and doesn't flake off.
Properly applied paint finishes adhere extremely well and if penetrated there is no rust produced to cause blistering or flaking of the paint. |
| High Heat conductivity | Weight for Weight, aluminium's conductivity is:
1.8 times that of Copper
12 times that of Rolled Steel
40 times that of Stainless Steel |
| High electrical Conductivity | Weight for weight, twice that of Copper. |
| Appearance | Without special protection, aluminium is a 'clean' material.
Anodising, painting and texturing confer decorative appearances that retain aluminium's natural durability. |
| Other Properties | Non sparking
Non magnetic
High reflectivity
Easily worked and shaped
High scrap value - recyclable |





Section No	A	B	Corner Radius	Periphery mm	Mass kg/m
DY007	10.00	3.00		26.00	0.081
J791	12.00	3.00		30.00	0.097
9741 WEL	12.00	6.00		36.00	0.194
* 5991	16.00	3.00		38.00	0.130
C001	19.05	2.64	R	49.00	0.650
0632	19.05	3.96	2.00	46.00	0.195
* 5992	20.00	3.00		46.00	0.162
9336	25.00	1.60		53.00	0.108
* 5993	25.00	3.00		56.00	0.203
5996	25.00	6.00		62.00	0.405
* F1504	25.00	10.00	Full	61.00	0.619
5999	25.00	12.00		74.00	0.810
0340	25.40	4.75		60.00	0.326
#A4292 WEL	30.15	4.00		68.00	0.325
0634	31.75	12.70		89.00	1.089
9337	32.00	3.00		70.00	0.259
#4996 WEL	38.00	6.00		88.00	0.616
0630	38.10	4.78		86.00	0.494
6077	40.00	3.00		86.00	0.324
6706	40.00	6.00		92.00	0.648
7426	40.00	10.00		100.00	1.080
J425	40.00	16.00		112.00	1.734
1864	44.45	3.18		96.00	0.384
K024	47.65	1.42		98.00	0.184
* 5994	50.00	3.00		106.00	0.405
5997	50.00	6.00		112.00	0.810
F9447	50.00	8.00		116.00	1.084
7425	50.00	10.00		120.00	1.350
#6000 WEL	50.00	12.00		124.00	1.620
4978	50.00	25.00	1.60	150.00	3.388
J403	60.00	3.00		126.00	0.488
8776	60.00	6.00		132.00	0.972
F9061	75.00	3.00		158.40	0.620
F9063	75.00	6.00		162.00	1.220
0529	76.20	9.53		172.00	1.968
7040	80.00	6.00		172.00	1.296
* 5995	100.00	3.00		206.00	0.810
Z120	100.00	5.00		210.00	1.360
5998	100.00	6.00		212.00	1.626
8333	100.00	10.00		220.00	2.700
E301	125.00	6.00		262.00	2.033
K145	150.00	3.00		306.00	1.220
F9391	150.00	5.00		310.00	2.033
9608	160.00	10.00		340.00	4.32

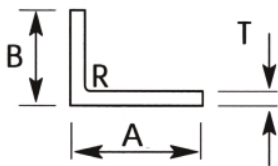
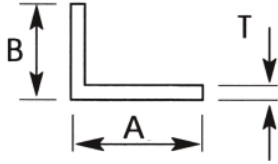
* stock in mill, anodised satin.
subject to stock availability at
time of order.

Stock in our Wellington and
Christchurch branches only.
Wellington 1-2 working day
delivery
Christchurch 3 working days
delivery



Stocked Sections

(UNA) Unequal Angles



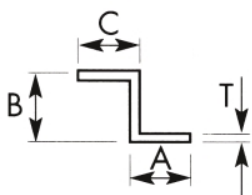
Section No	A	B	T	R	Periphery mm	Mass kg/m
* 5514	20.00	12.00	1.60		64.00	0.132
* 5970	20.00	12.00	3.00		64.00	0.235
* 9325	25.00	12.00	1.50		74.00	0.144
5971	25.00	12.00	3.00		74.00	0.275
* 5511	25.00	20.00	1.60		90.00	0.188
J074	25.00	20.00	3.00		90.00	0.341
5931	30.00	25.00	2.00		108.00	0.286
0460	32.00	19.00	3.00		102.00	0.388
* 9328	32.00	20.00	1.50		104.00	0.205
5974	32.00	25.00	3.00		114.00	0.437
6670	38.00	19.00	1.60		114.00	0.239
3324	38.00	25.00	3.00		128.00	0.486
7084	40.00	12.00	1.60		104.00	0.205
* 9329	40.00	20.00	1.60		120.00	0.237
* 6076	40.00	20.00	3.00		120.00	0.462
* 5509	40.00	25.00	1.60		130.00	0.275
* 8517	40.00	25.00	3.00		130.00	0.502
* J456	50.00	20.00	1.60		140.00	0.278
31043	50.00	20.00	3.00		140.00	0.544
* 9332	50.00	25.00	1.50		150.00	0.298
* 5323	50.00	25.00	3.00		150.00	0.583
31232	50.00	30.00	1.60		160.00	0.340
F4357	50.00	38.00	5.00		176.00	1.125
9753	60.00	25.00	3.00		170.00	0.664
6428	70.00	25.00	1.60		190.00	0.403
Z965	70.00	40.00	1.60		220.00	0.470
* 30193	75.00	25.00	3.00		200.00	0.789
* 37736	75.00	50.00	1.60		250.00	0.539
6788	75.00	50.00	3.00		250.00	0.988
F9137	75.00	50.00	6.00		250.00	1.935
1658	76.20	50.80	4.75	6.86	251.00	1.592
8266	100.00	25.00	3.00		250.00	0.988
30641	100.00	50.00	3.00		300.00	1.195
E927	100.00	50.00	6.00		300.00	2.341
F9576	150.00	75.00	8.00		449.00	4.687
8713	150.00	120.00	10.00	10.00	520.00	7.077

* stock in mill, anodised & powdercoated finishes. subject to stock availability at time of order.



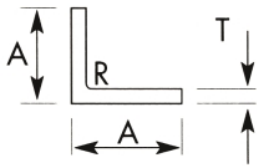
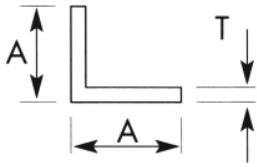
Stocked Sections

Zed Sections



Section No	A	B	C	Y	Periphery mm	Mass kg/m
* N974	18.50	17.00	18.50	1.40	103.90	0.193
* Z980	20.00	25.00	20.00	1.60	127.00	0.252

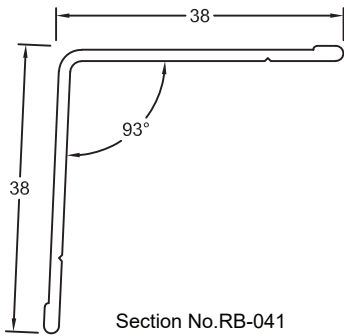
* stock in mill, powdercoated titania. subject to stock availability at time of order.



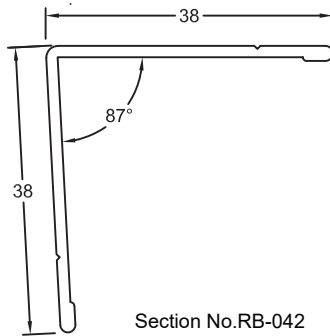
Section No	A	T	R	Periphery mm	Mass kg/m
* 6421	12.00	1.60		48.00	0.100
5968	12.00	3.00		48.00	0.170
* G466	16.00	1.60		64.00	0.132
* 5512	20.00	1.60		80.00	0.167
* 5972	20.00	3.00		80.00	0.300
* 5510	25.00	1.60		100.00	0.210
* 5973	25.00	3.00		100.00	0.381
* F9125	30.00	3.00		120.00	0.463
F9127	30.00	6.00		120.00	0.875
* K014	32.00	1.50		128.00	0.254
* 5975	40.00	1.60		160.00	0.339
5976	40.00	3.00		160.00	0.624
9530	40.00	6.00		160.00	1.199
* 6484	50.00	1.60		200.00	0.425
* 5977	50.00	3.00		200.00	0.786
F9632	50.00	4.50		199.00	1.160
8518	50.00	6.00		200.00	1.523
9743	60.00	3.00		237.00	0.948
9780	60.00	6.00		240.00	1.847
F9142	75.00	6.00		299.00	2.341
5009	76.20	3.00		305.00	1.210
5424	76.20	9.00		305.00	3.485
F9147	100.00	6.00		400.00	3.154

* stock in mill, anodised & powdercoated finishes.
subject to stock availability at time of order.

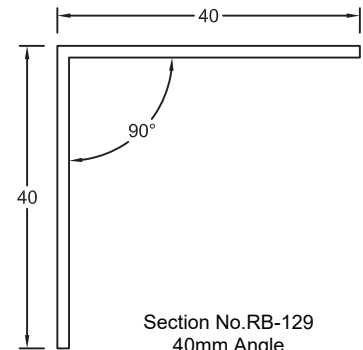
Stock in our Wellington branch only (1-2 working day delivery).



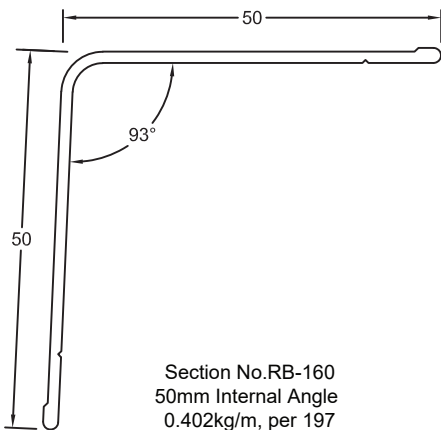
Section No. RB-041
38mm Internal Angle
0.306kg/m, per 149



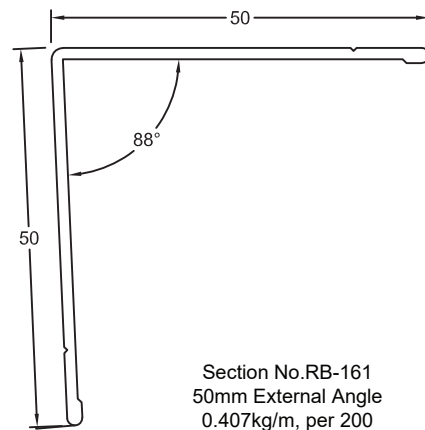
Section No. RB-042
38mm External Angle
0.311kg/m, per 152



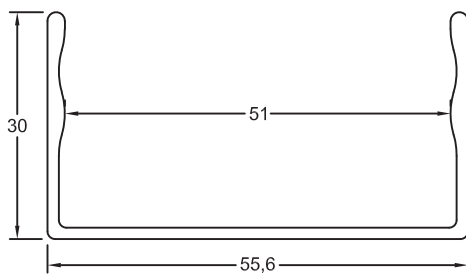
Section No. RB-129
40mm Angle
0.332kg/m, per 15



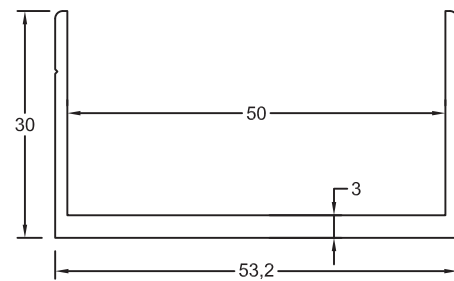
Section No. RB-160
50mm Internal Angle
0.402kg/m, per 197



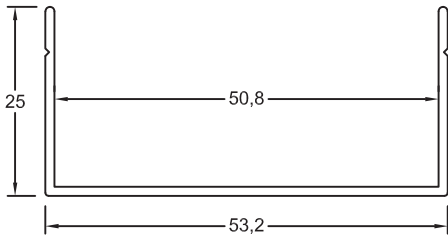
Section No. RB-161
50mm External Angle
0.407kg/m, per 200



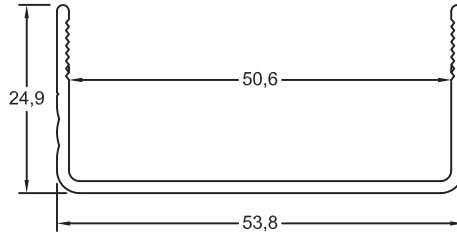
Section No. RB-043
51mm Channel
0.504kg/m, per 227



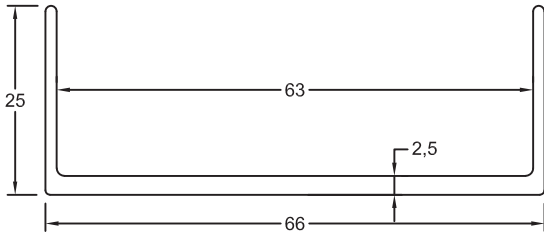
Section No. RB-472
50mm Heavy Channel
0.670kg/m, per 220



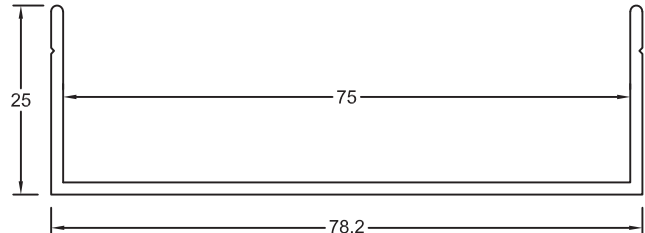
Section No. RB-069
50mm Capping
0.328kg/m, per 203



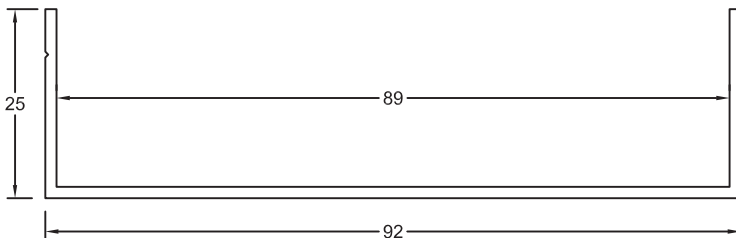
Section No. 33901 / RB-317
Fluted 50mm Capping
0.416kg/m, per 204



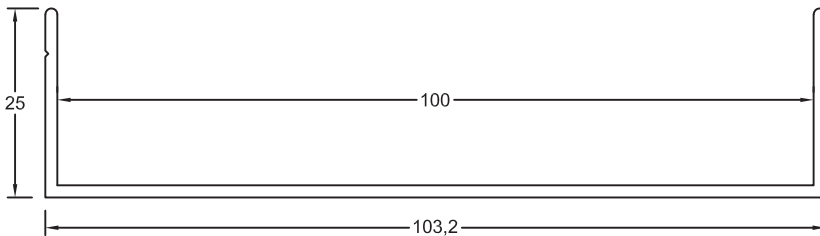
Section No. RB-708
63mm Channel
0.634kg/m, per 224



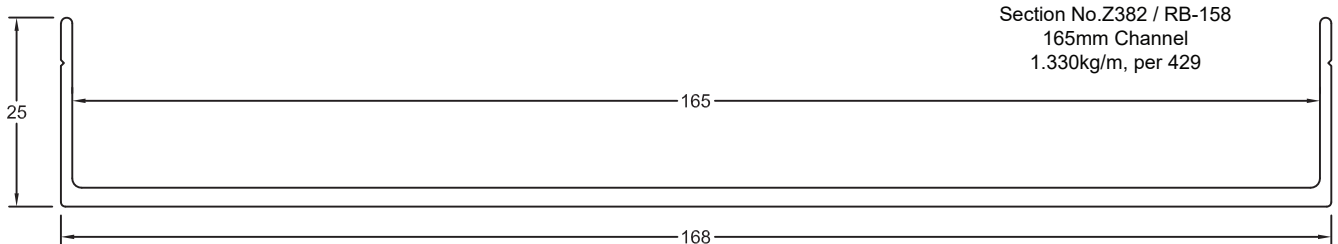
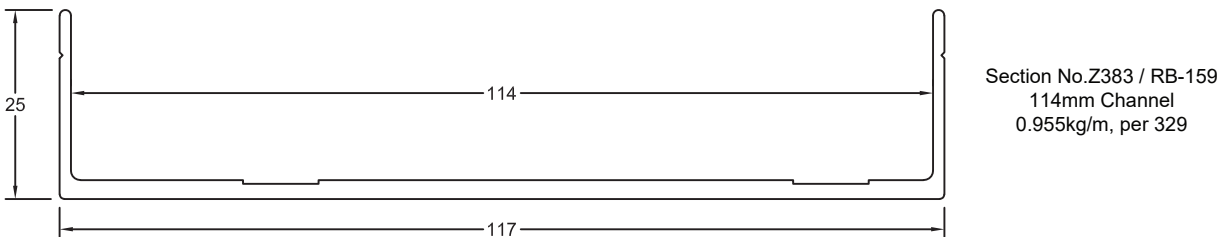
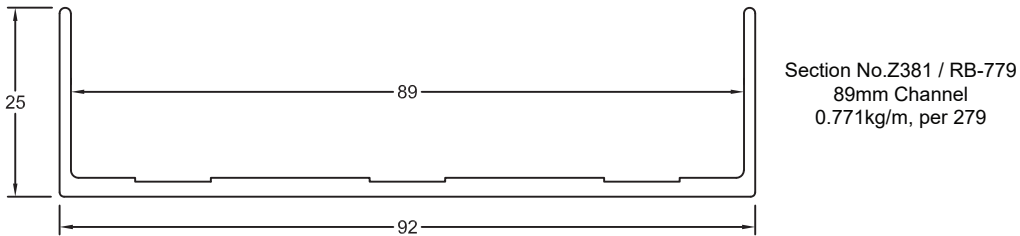
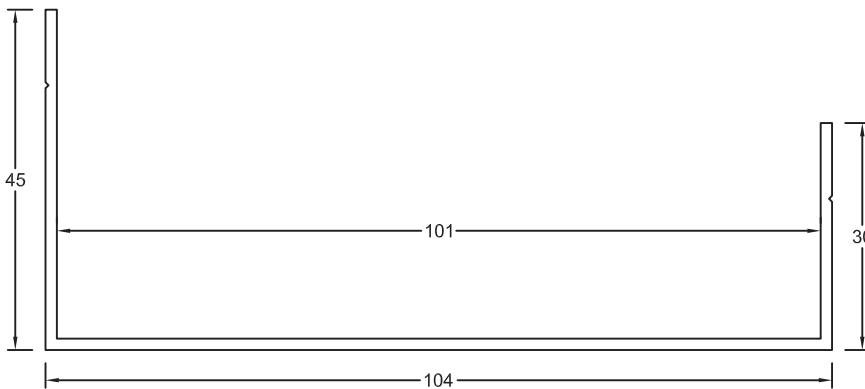
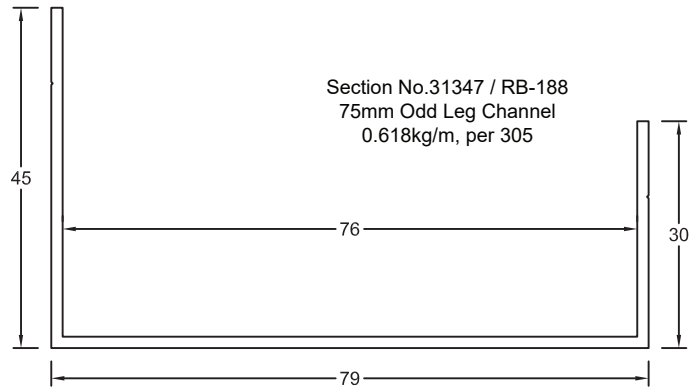
Section No. RB-207
75mm Channel
0.544kg/m, per 252

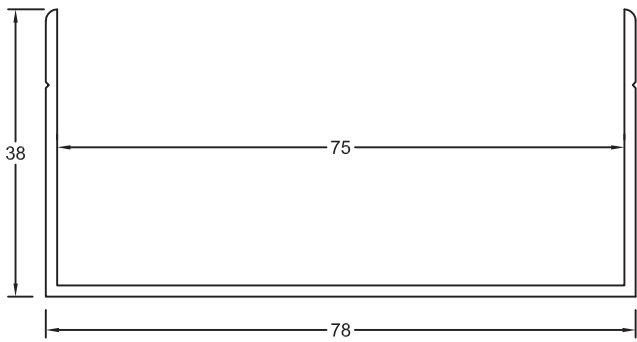


Section No. RB-301
89mm Channel
0.568kg/m, per 282

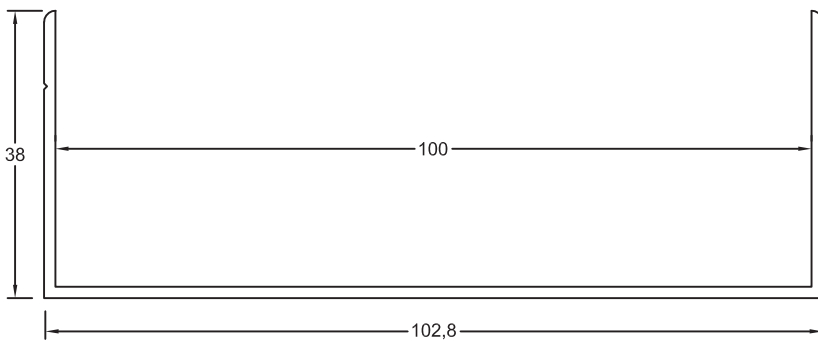


Section No. RB-206
100mm Channel
0.653kg/m, per 302

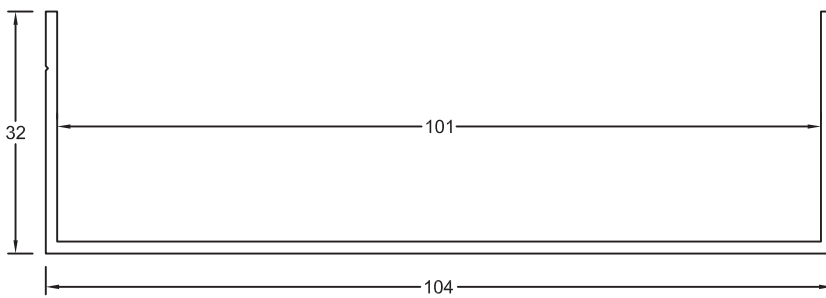




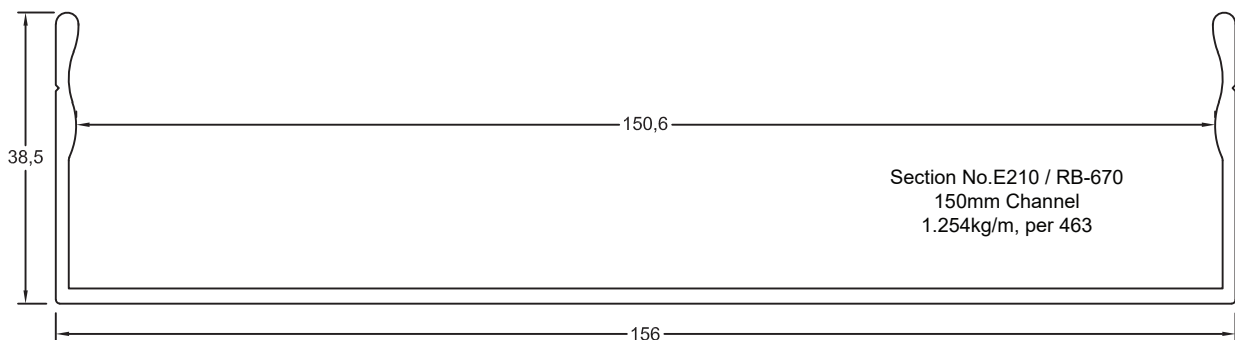
Section No.K747 / RB-140
75mm Channel
0.615kg/m, per 304



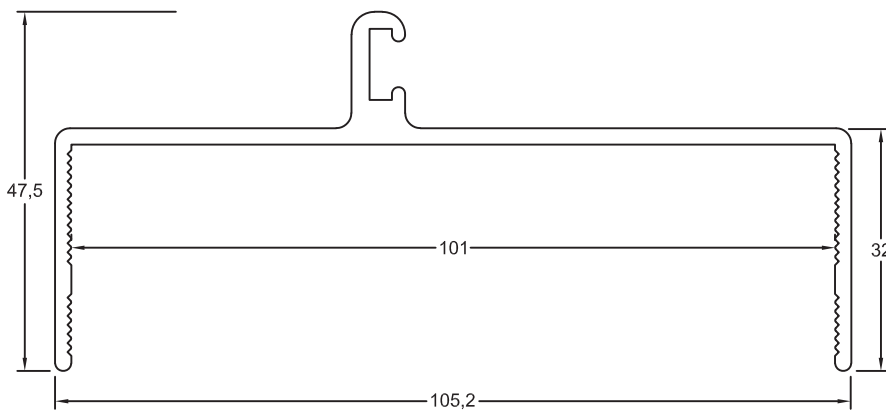
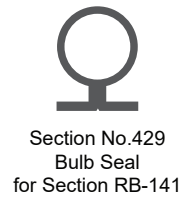
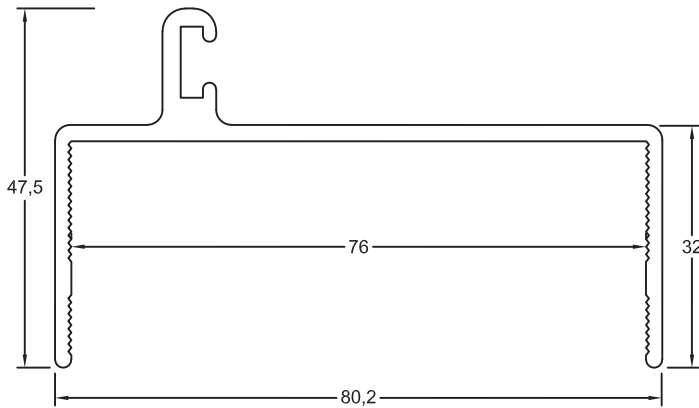
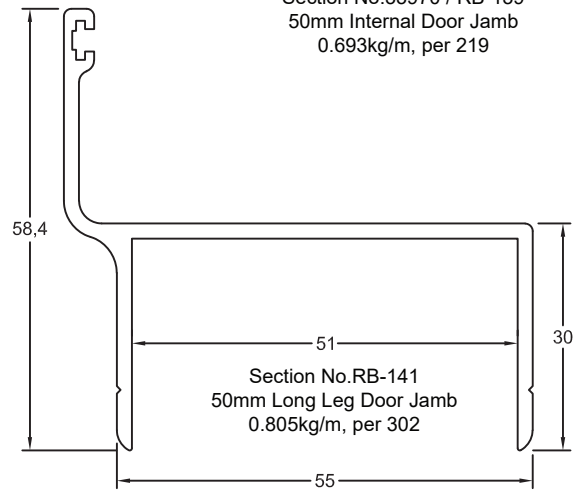
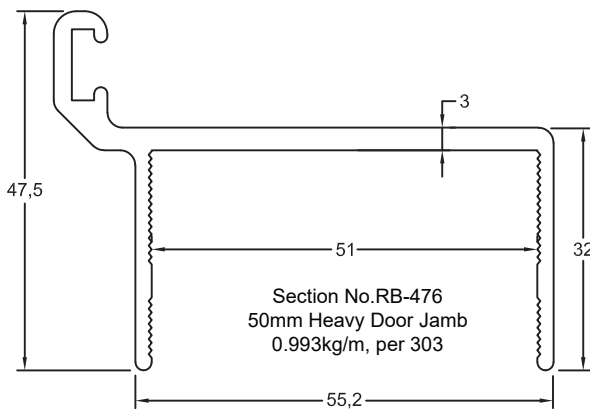
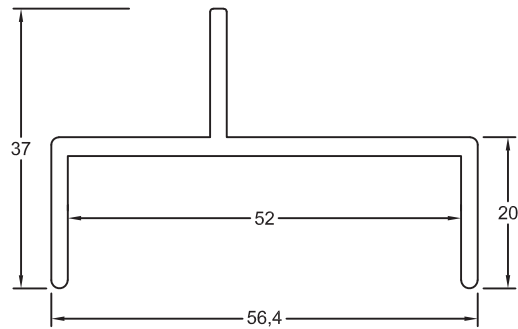
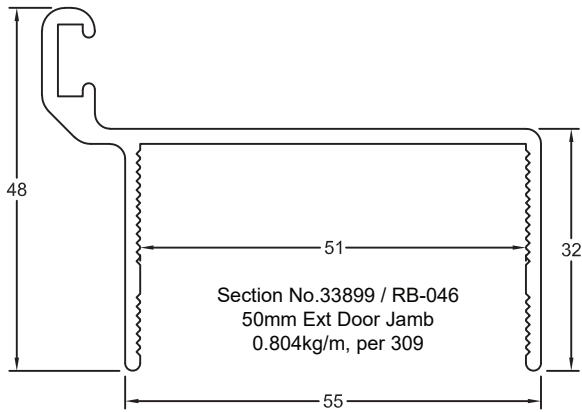
Section No.K748 / RB-456
100mm Channel
0.717kg/m, per 354

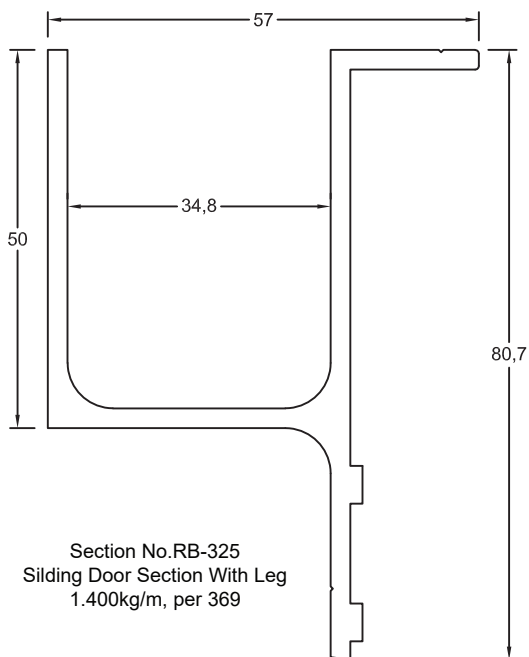
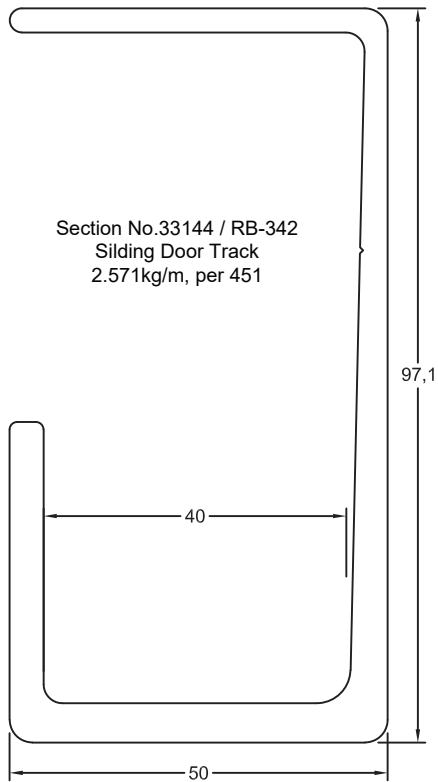


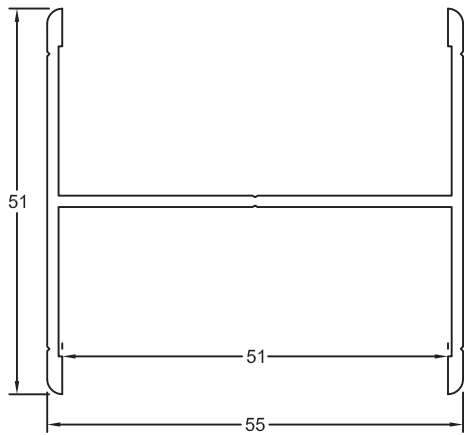
Section No.RB-502
100mm Channel
0.703kg/m, per 333



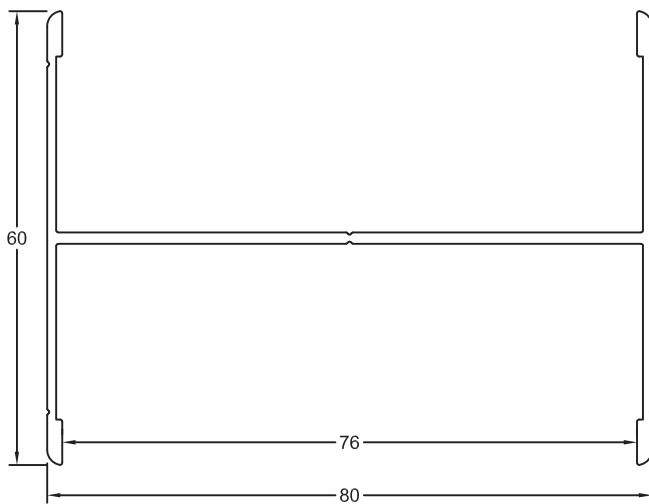
Section No.E210 / RB-670
150mm Channel
1.254kg/m, per 463



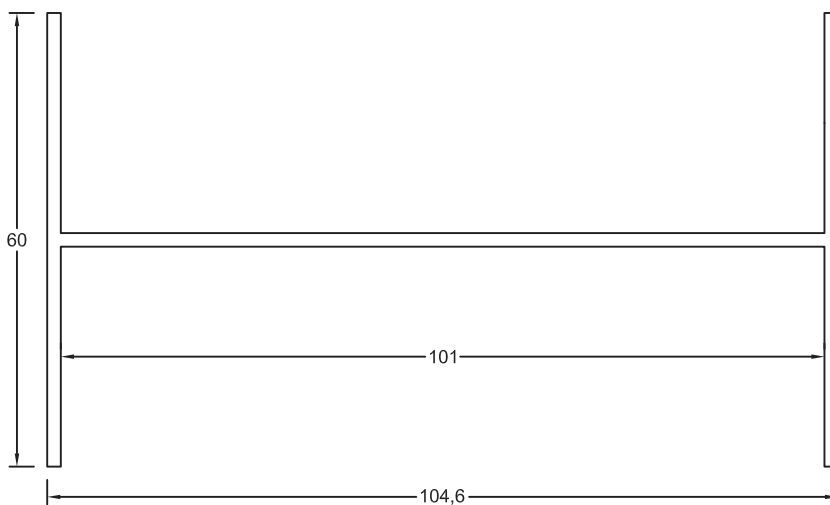




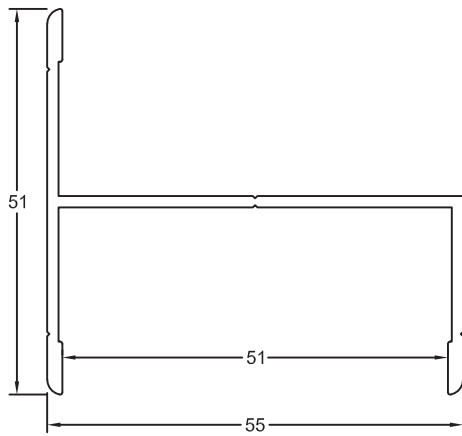
Section No.31753 / RB-344
50mm I Beam
0.647kg/m, per 313



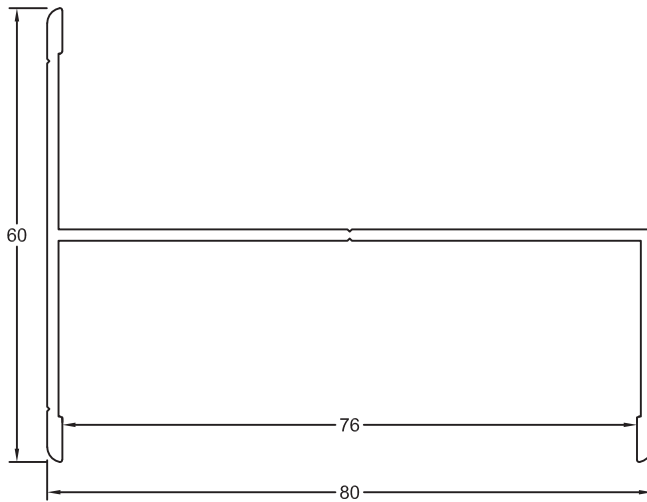
Section No.RB-485
75mm I Beam
0.752kg/m, per 400



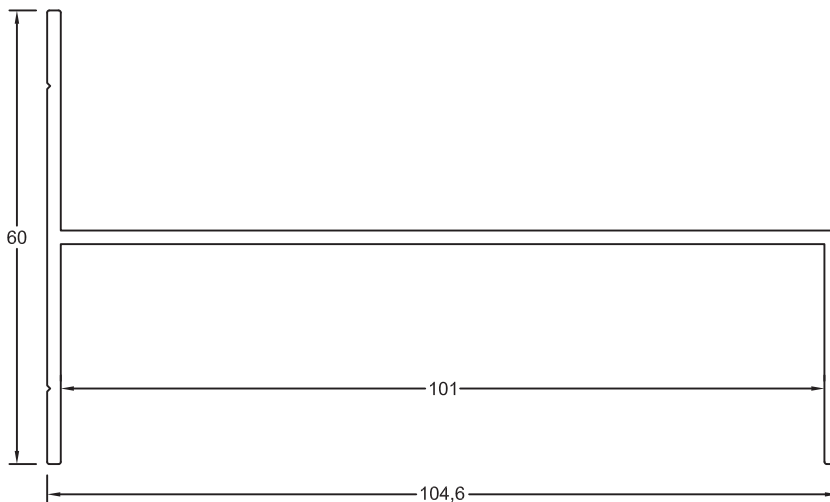
Section No.RB-343
100mm I Beam
1.086kg/m, per 446



Section No.F2985 / RB-709
50mm Chair Section
0.550kg/m, per 262

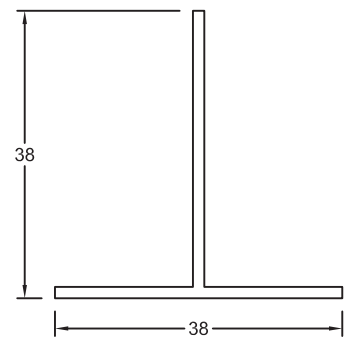
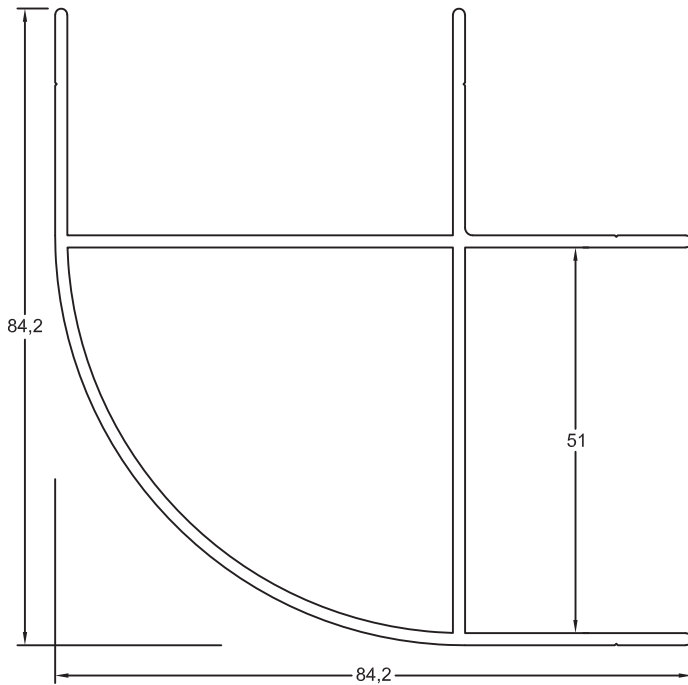
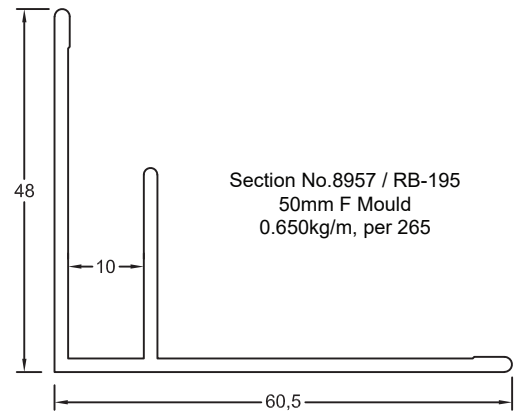
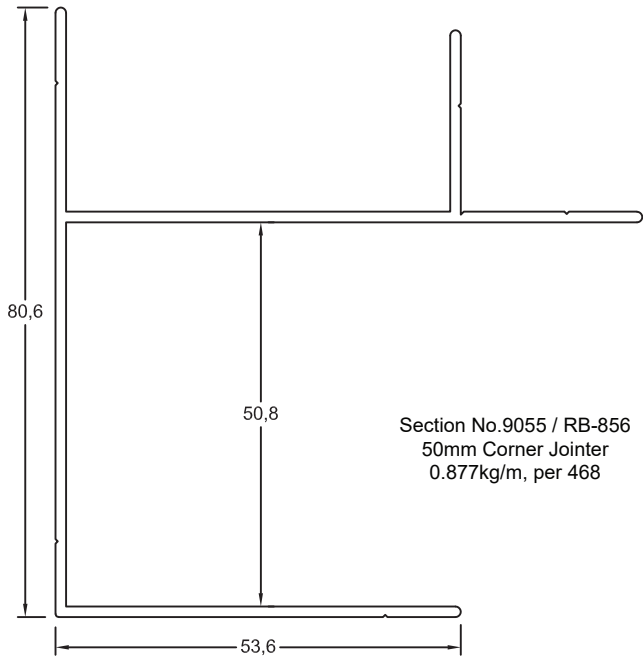


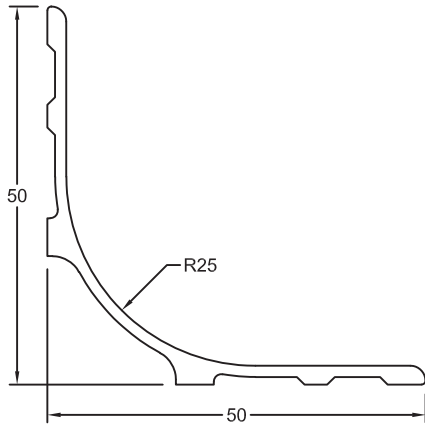
Section No.F2963 / RB-769
75mm Chair Section
0.703kg/m, per 339



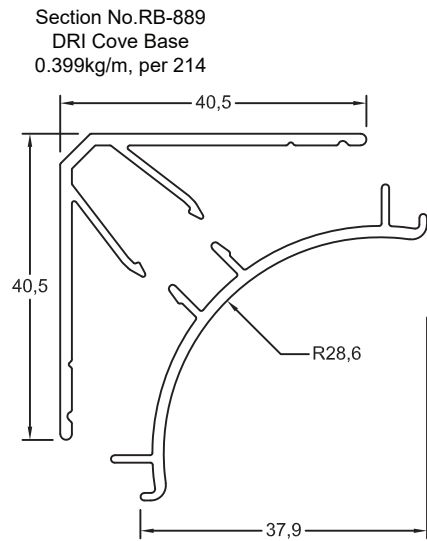
Section No.36145 / RB-735
100mm Chair Section
0.941kg/m, per 387

DB Stocked Sections (CLR) Cool Room Corner Joints



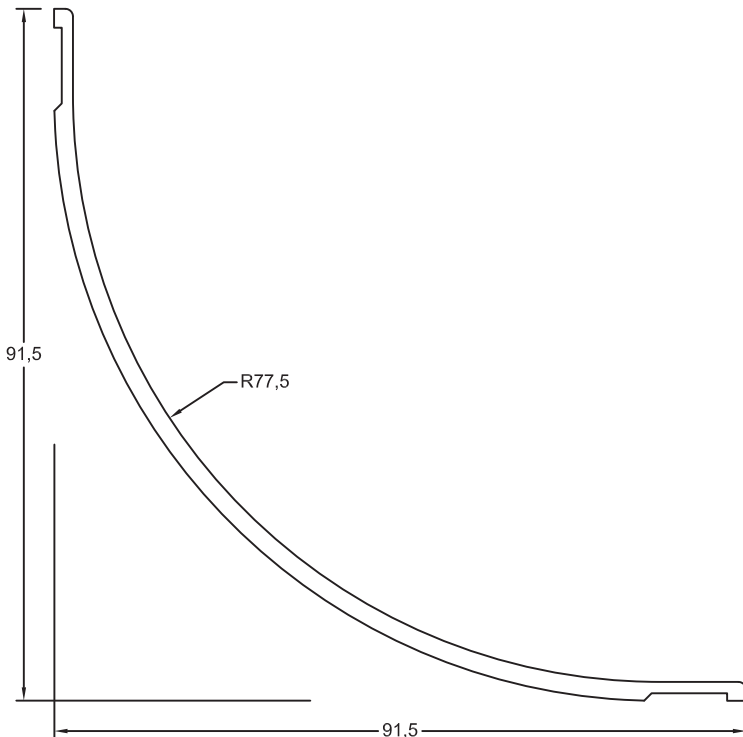


Section No.7360 / RB-316
50mm Cove
0.466kg/m, per 183

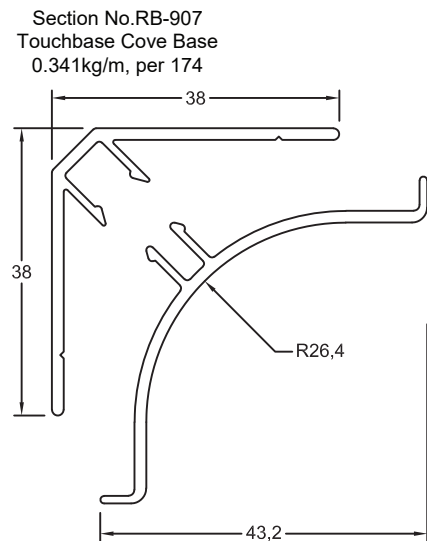


Section No.RB-889
DRI Cove Base
0.399kg/m, per 214

Section No.RB-890
DRI Clip Cove
0.303kg/m, per 166

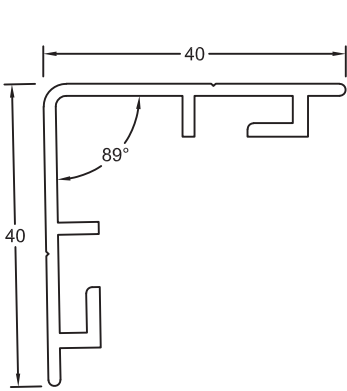


Section No.F4266 / RB-193
75.5mm Cove
0.943kg/m, per 300

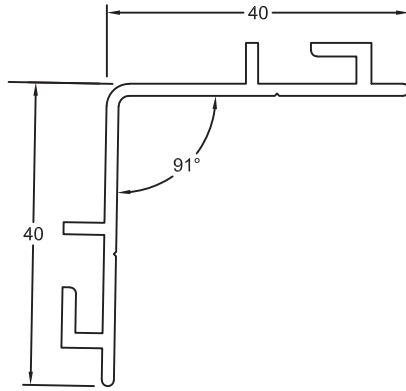


Section No.RB-907
Touchbase Cove Base
0.341kg/m, per 174

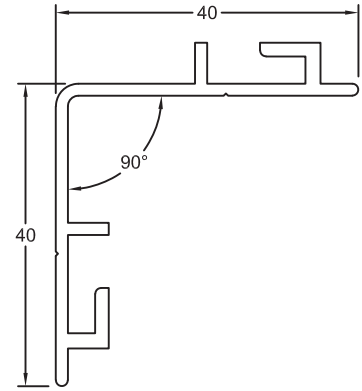
Section No.RB-908
Touchbase Clip Cove
0.329kg/m, per 174



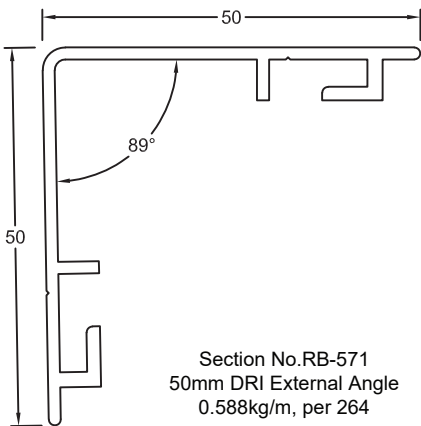
Section No.RB-376
40mm DRI External Angle
0.500kg/m, per 224



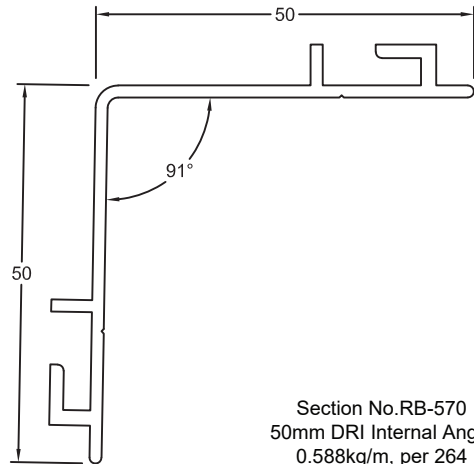
Section No.RB-375
40mm DRI Internal Angle
0.501kg/m, per 224



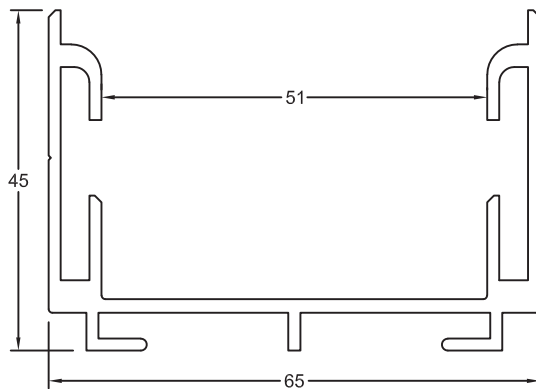
Section No.RB-374
40mm DRI Dual Angle
0.501kg/m, per 224



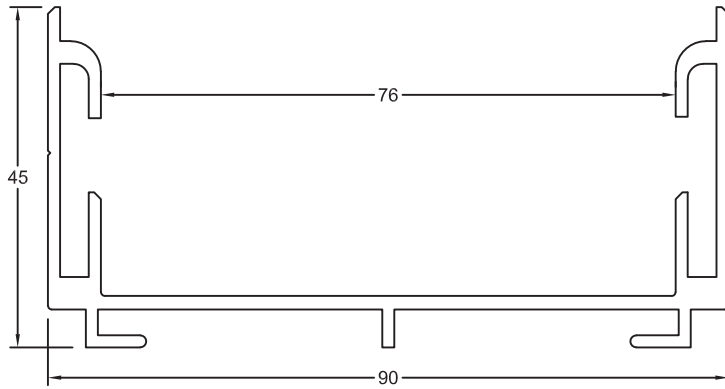
Section No.RB-571
50mm DRI External Angle
0.588kg/m, per 264



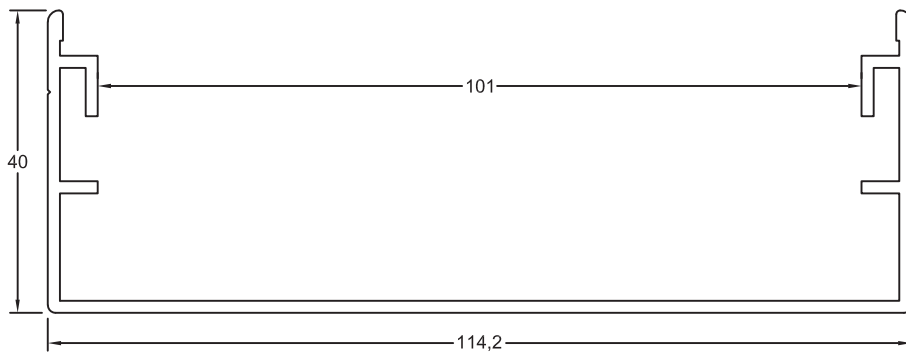
Section No.RB-570
50mm DRI Internal Angle
0.588kg/m, per 264



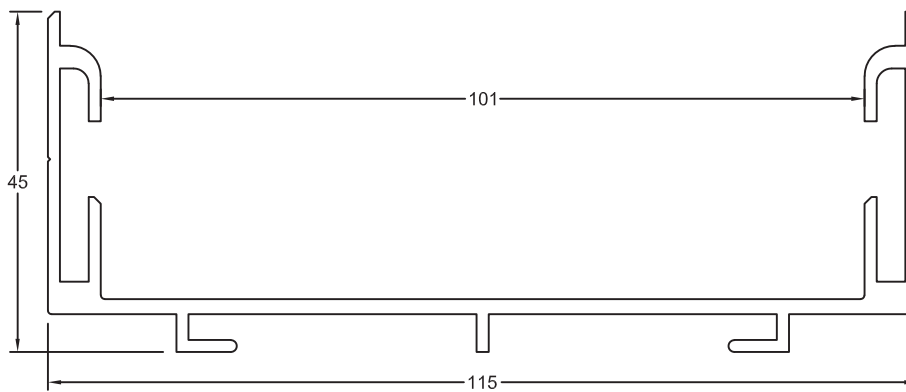
Section No.RB-379
50mm DRI Base Channel
1.075kg/m, per 427



Section No.RB-372
75mm DRI Base Channel
1.199kg/m, per 478



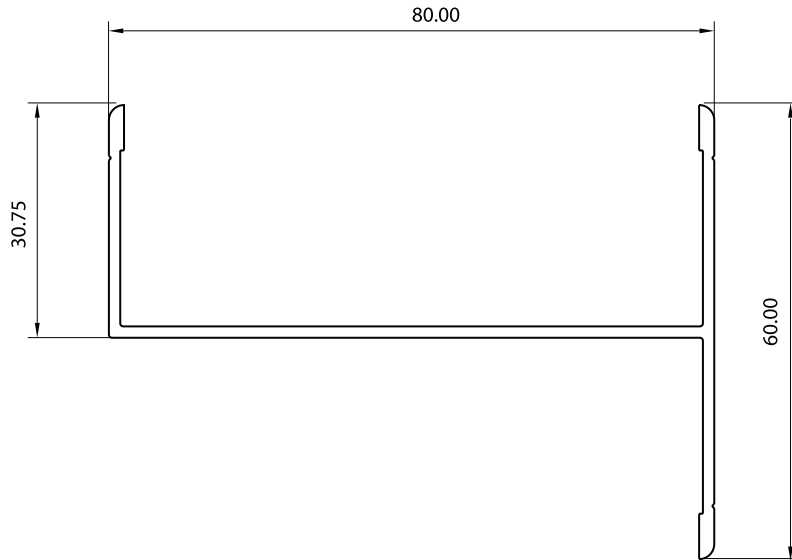
Section No.RB-560
100mm DRI Base Channel
0.982kg/m, per 450



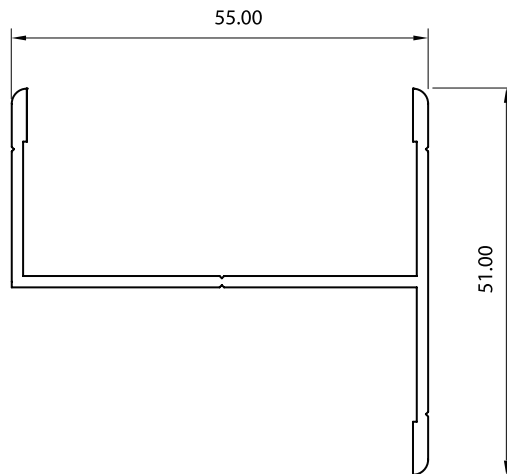
Section No.RB-371
100mm DRI Base Channel
1.376kg/m, per 527



Section No. F3585
100mm Chair Section
0.777kg/m, per 377

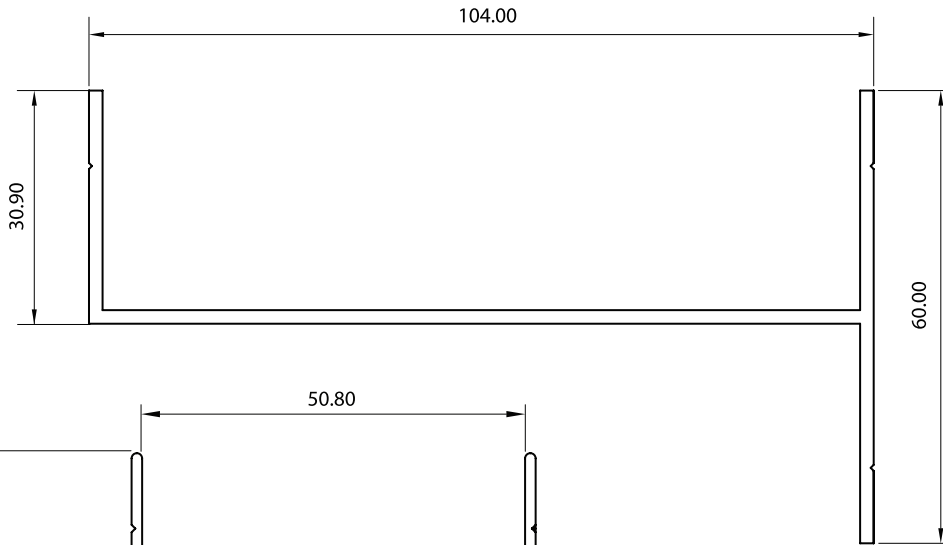


Section No. F2963
76mm Chair Section
0.698 kg/m, per 149

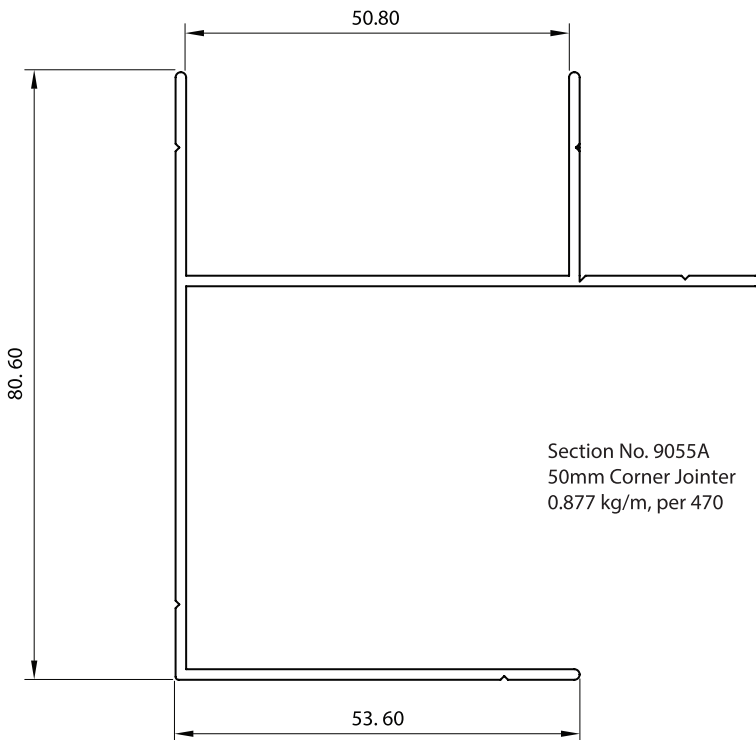


Section No. F2985
51mm Chair Section
0.546 kg/m, per 262.3

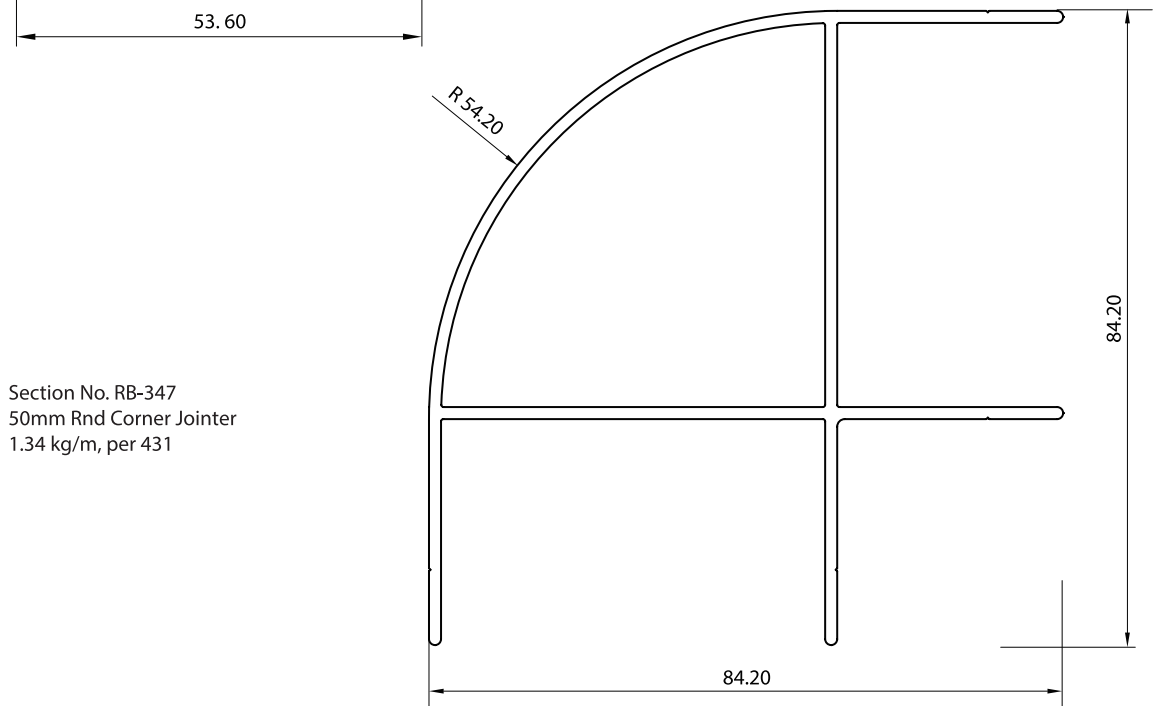
*stock in mill & powdercoated titania. Subject to stock availability at time of order.
stock may have drill guide "v" grooves located 10mm from the top.



Section No. 36145
100mm Chair Section
0.934 kg/m, per 388

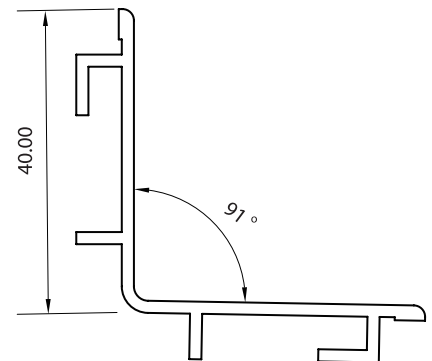
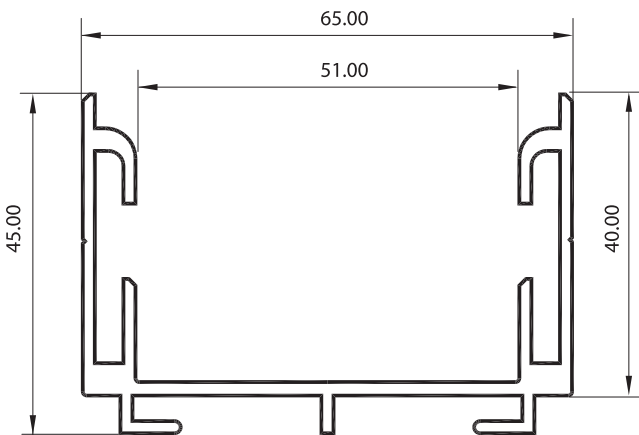
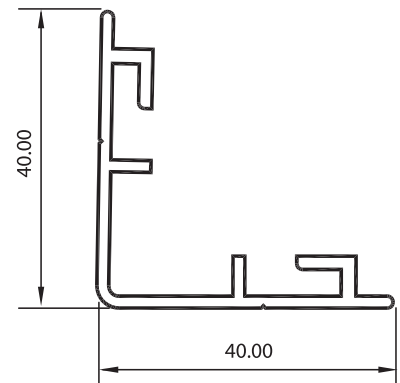
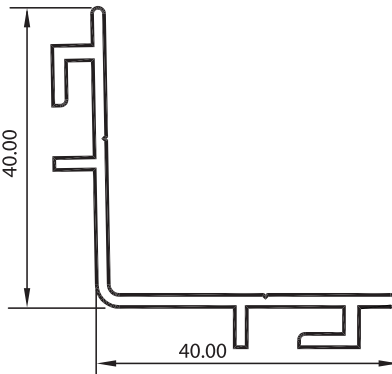
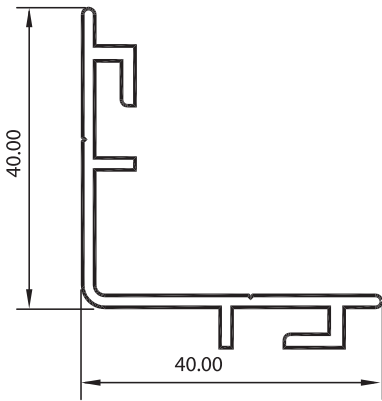
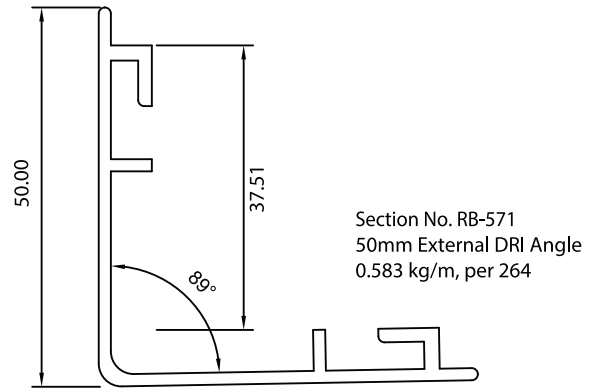
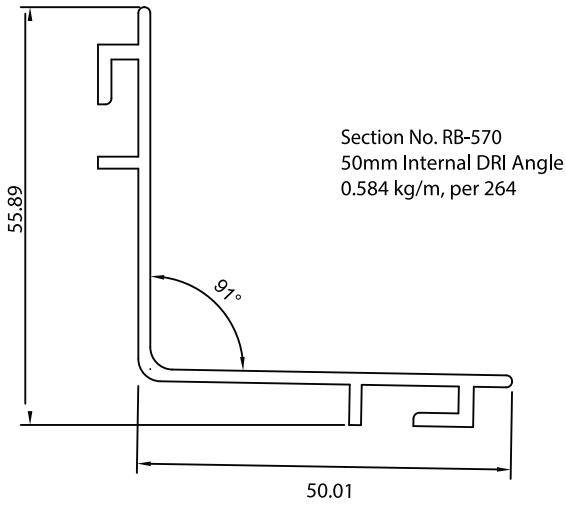


Section No. 9055A
50mm Corner Jointer
0.877 kg/m, per 470

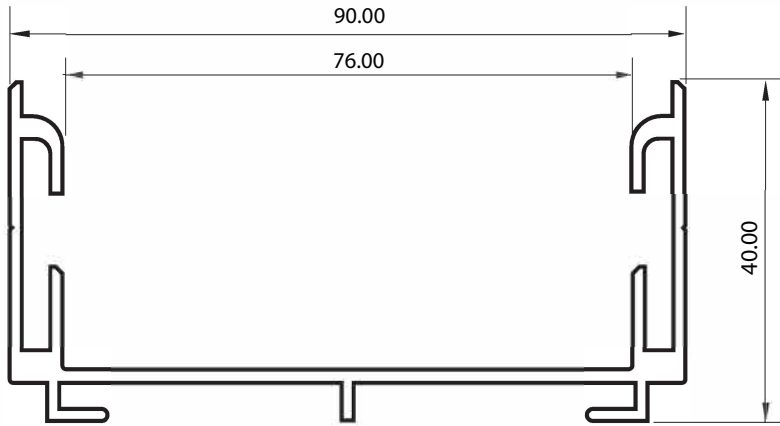


Section No. RB-347
50mm Rnd Corner Jointer
1.34 kg/m, per 431

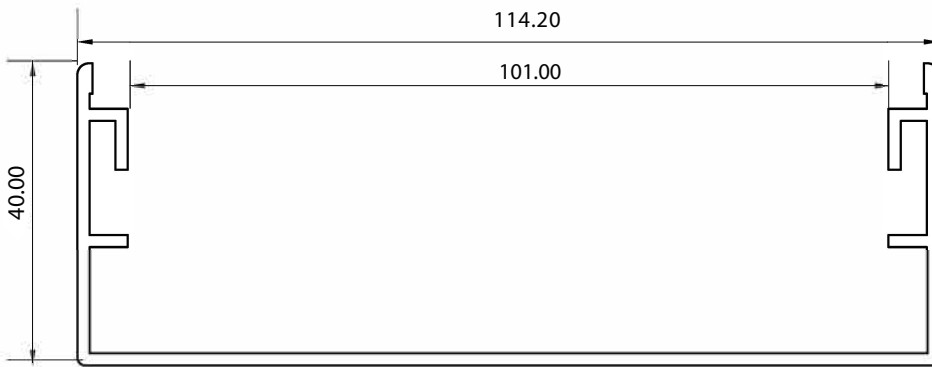
*stock in mill & powdercoated titania. Subject to stock availability at time of order.
stock may have drill guide "v" grooves located 10mm from the top.



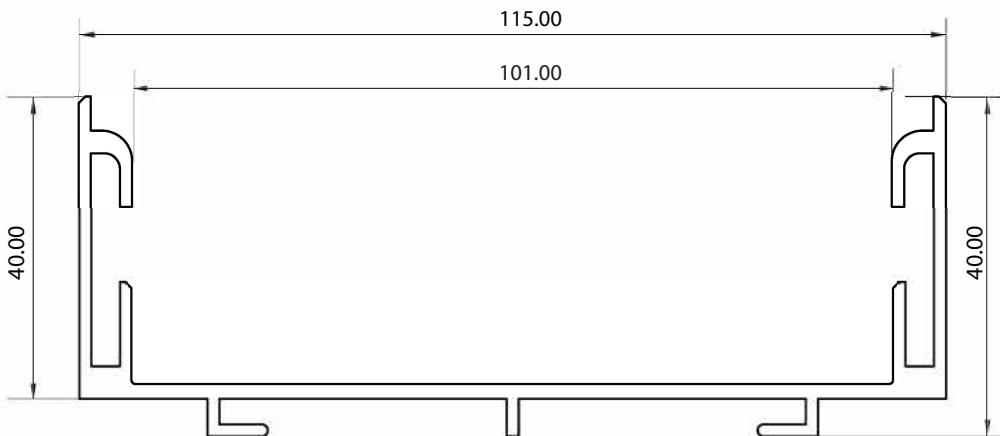
*stock in mill & powdercoated titania. Subject to stock availability at time of order.
stock may have drill guide "v" grooves located 10mm from the top.



Section No. RB-372
75mm DRI Base Channel
1.199 kg/m, per 478



Section No. 31748 / RB-560vv
101mm DRI Base Channel
0.975 kg/m, per 450



Section No. RB-371
101mm DRI Base Channel
1.378 kg/m, per 527

*stock in mill & powdercoated titania. Subject to stock availability at time of order.
stock may have drill guide "v" grooves located 10mm from the top.