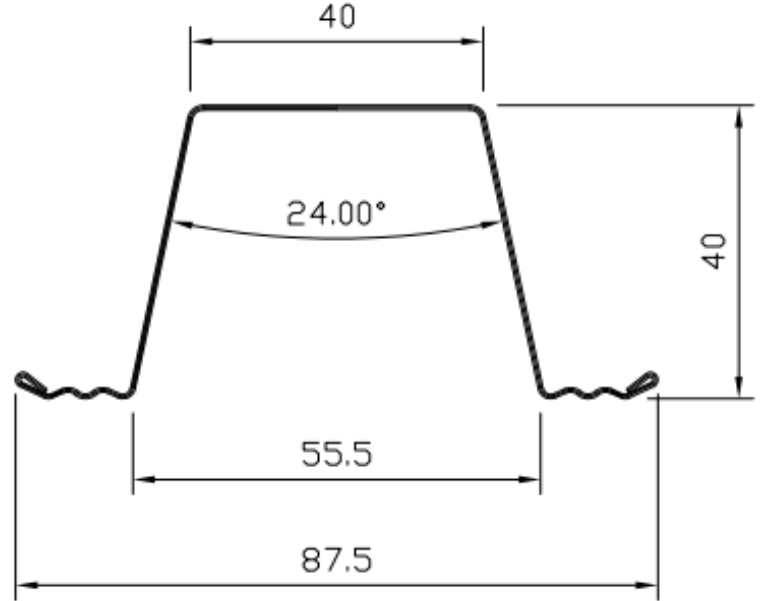


No.1 TopHat 40

No.1 TopHat 40 is a 40mm deep profile used as a roofing batten for residential tiled roof or steel roof. It can be used for both roofing and walling applications. The top face of the profile has an embossed surface to make it easier for the steel roofing screws to grip without slippage, and improves the slip resistance when roofers are walking on the roof structure during the installation of steel roofing or roof tiles. The lips of the bottom flanges are rounded for improved safety & each length is mitre cut for simple installation. Nominal lapping (non-structural) is simple and will ensure continuity and straightness of fastener alignment.



MAXIMUM SPAN

Point Load: 1.1kN (strength criteria only)

Section	No1TH4048	No1TH4055
3-Span Continuous	900	1200

INWARD CAPACITY

3-Span Continuous - Inward Capacity (kN/m)

Span (mm)	No1TH4048		No1TH4055	
	Strength	L/300	Strength	L/300
600	6.91	2.58	8.46	2.77
900	3.98	1.59	4.46	1.71
1200	2.41	0.84	2.49	0.88
1500	1.55	0.47	1.63	0.48
1800	1.13	0.28	1.15	0.29
2000	0.89	0.25	0.94	0.22

OUTWARD CAPACITY

3-Span Continuous - Outward Capacity (kN/m)

Span (mm)	Member Strength (kN/M)		2 Screw Connection Capacity (kN/m)				4 Screw Connection Capacity (kN/m)	
	No1TH4048	No1TH4055	Support Thickness (mm)				Support Thickness (mm)	
			0.75	1.0	1.2	1.5	0.75	1.0
600	7.66	8.60	2.35	3.96	6.11	6.84	3.48	6.27
900	3.43	3.83	1.56	2.64	4.07	4.56	2.32	4.18
1200	1.92	2.18	1.17	1.98	3.05	3.42	1.74	3.14
1500	1.25	1.41	0.94	1.59	2.44	2.73	1.39	2.51
1800	0.87	0.98	0.78	1.32	2.04	2.28	1.16	2.09
2000	0.71	0.80	0.70	1.19	1.83	2.05	1.05	1.88

MATERIAL SPECIFICATIONS

No.1 TopHat 40 roofing battens are made from TRUECORE® steel (aluminium/zinc alloy coated) complying with AS 1397 G550 — AM150 (550 MPa minimum yield stress, 150g/m² minimum coating mass).

Base Metal Thickness (mm)	0.48	0.55
Yield Strength (Mpa)	550	550
Coating Mass (g/m ²)	150	150
Mass (kg/m)	0.60	0.67