



No.1 TopHat 22

No.1 TopHat 22 steel battens are versatile and easy to use, providing strength, lightness and rigidity with low cost.

No.1 TopHat 22 is a 22mm deep multi use profile and is commonly used as a batten for fixing of ceiling and wall liner. It is compatible with all popular domestic plasterboards and is commonly called a “ceiling batten.”

The top flange of the profile has an embossed surface to make it easier for the plasterboard screws to grip and “bite-in” without slippage during awkward installation positioning. The lips of the bottom flanges are rounded for improved safety during handling and installation by the plasterboard trades.

Nominal lapping (non-structural) is simple and will ensure continuity and straightness of fastener alignment.

Inward Capacity No1TH2242

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

Span (mm)	Strength	L/500
450	7.36	0.84
600	4.42	0.76
900	2.08	0.62
1200	1.20	0.37

Material Specifications

No.1 TopHat 22 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	0.42mm
Yield Strength	550Mpa
Coating Mass	150g/m ²
Mass	0.35kg/m

Outward Capacity

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

Span	Member Strength	2 Screw Connection Capacity (kN/m)	
		Support Thickness	
		0.75mm	1.0mm
450mm	7.34 kN/m	3.13	5.29
600mm	4.40 kN/m	2.35	3.96
900mm	2.06 kN/m	1.56	2.64
1200mm	0.97 kN/m	1.17	1.98