

Everest Hi-Tech conforms to BIS 14871:2000 & ISO 9933:1995(E) Specifications.

### Dimensional & Technical Specifications

Parameters	Tolerance	
Thickness	(+ free; -0.5 mm)	6 mm
Overall Width	(+10 mm; -5 mm)	1050 mm
Laid Width (Half Corrugation Sidelap)	(+10 mm; -5 mm)	1010 mm
Depth of Corrugation	(+3 mm; -5 mm)	48 mm
Pitch of Corrugation		146 mm
Weight per Unit Area		12.48 kg/sq.m
Standard Length	(+5 mm; -10 mm)	1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0 m
Weight of 100 sq.m as Laid		
a) with 3 m sheets		1.36 tonnes
b) with 1.5 m sheets		1.45 tonnes
<b>Installation Specifications</b>		
Side Lap (min)		40 mm
End Lap (min) (for lower slopes use lap sealants or increase end laps)		150 mm
Actual Cover of 3 m Sheet as Laid (allowing for loss by side lap of 40 mm and end of lap 150 mm)		2.88 sq.m
Sheeting required of 100 sq.m as Laid		
a) using 3 m sheets with side and lap loss		109.38 sq.m
b) using 1.5 m sheets with side and end lap loss		115.88 sq.m
Purlin Spacing for Roofing (max)		1400 mm
Runner Spacing for Side Cladding		1700 mm
Maximum free over at Eaves		300 mm
Minimum slope of the Roof		10° (depending upon weather conditions side & end laps would require to be increased or sealed)
<b>Advanced Features</b>		
Work of Fracture - IMOR		8000-10000 J/M <sup>2</sup>
Impact Resistance		10000-12000 J/M <sup>2</sup>

### Detail of side Lap Corrugated Sheet

