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Metlok® 500

Clip-fixed truncated triangular rib and pan roof and/or wall cladding
-1° Minimum Roof Pitch

Specification

REFERENCED AUSTRALIAN STANDARDS

AS 1170.2	SAA Loading Code - Wind Loads.
AS 1397	Sheet and Strip Hot-Dipped Zinc-Coated or Aluminium/Zinc Coated.
AS 1445	Hot-Dipped Zinc-Coated or Aluminium/Zinc Coated Steel Sheet - 76mm pitch corrugated.
AS 1526	One part polysulphide-based Sealing Compounds for the Building Industry.
AS 1562.1	Design and installation of Steel Roof and Wall Cladding. Part 1: Metal.
AS 2179	Rainwater Goods - Specification.
AS 2180	Rainwater Goods - Design and Installation.
AS 2728	Pre Painted and Organic Film/Laminate Products - Performance Requirements for Interior & Exterior Applications in Buildings
AS 3566	Screws Self-Drilling for the Building and Construction Industries.

Scope

Where indicated on the drawings, provide and fix (by means of concealed clips) rib and pan roof sheeting having ribs of truncated triangular shape all as specified herein complete with all necessary fasteners, accessories, trims and flashings. All such work shall be in accordance with AS 1562.1, AS 2179, AS 2180 and AS 3566.

Materials

ROOFING (AND/OR WALLING)

Roofing (and/or walling) shall be Metlok 500 clip-fixed rib and pan roof/wall cladding all as described below.

Number of Ribs:	1 Underlap, 1 Overlap, 1 Internal (1 Underlap, 1 Overlap)
Rib Height:	50mm + 0.4mm - nil
Anty-Capillary Feature:	Cavity formed between under and overlapping ribs
Cover Width:	500mm + 1.0mm - 2.0mm
Base Metal Thickness:	0.42mm, 0.48mm and .65mm
Approximate total coated thickness:	0.47mm, 0.53mm or 0.65mm
Steel base description:	AS 1397-G550 (550MPa minimum yield strength)
Metallic coating description:	AS 1397-AZ 150 (150g/sq. m minimum coating mass)
Organic coatings (if used):	To AS 2728
Normal Environments:	Colorbond XRW

Severe Environments:	Colorbond ULTRA
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Fastener Selection

Profile	Clip Type	Steel Supports < 2.5mm thick	Steel Supports 2.5mm-5.0mm thick	Hardwood	Softwood
		10-16 x 16mm wafer head self-drilling and tapping screw†		10-12 x 25mm wafer head type 17 self-drilling screw* or 3.75 x 40mm galvanised flat head spiral threaded nailØ	10-12 x 35mm wafer head type 16 self-drilling screw* or 3.75 x 60mm galvanised flat head spiral threaded nailØ

† Increase screw length to 22mm when installed over insulation blanket

* Increase screw length to 45mm when installed over insulation b