

### **Steelbond technical specifications**

Product: Premium quality pre-painted corrugated steel sheets pressed into a roof **TILE** shape (BMT quality complies with Australian Standards)

Brand: Steelbond

Base material: Steel base grade DX51D

Pre treatment chromate is applied to both sides of the roof tile.

Extra heavy duty galvalume coating applied to both roof tile sides by a continuous two stage hot dip method. Doubled dipped.

Base metal thickness :0.55mm.

A specialised bonding treatment is applied to ensure perfect bonding to the surface. Feature: Pre-painted Steel roof tile sheets with excellent performance in the Australian outdoor weathering applications. corrosion resistance, consistent in the baked colour finish, quality dimensions and appearance.

Feed width:1000-mm +/- 0.02mm rolled coverage 840mm +/- 0.02mm

Quality assurance: SGS International. Quality assurance checks during production are carried out to ensure the product meet ISO International standards 9001- 2008

Color:Large colour range available, with 10 standard colours

Zinc-coating : 300g/m<sup>2</sup>

Galvalume-coating:600g/m<sup>2</sup>

Australia PPGI Z275.

Technique Cold rolled—double hot dipped galvalume—heat reflective colour coated finish reflects the sun's rays

Painting: Baked process top painting: 35µm. A specially formulated high performance heavy duty heat reflective baked colour coat is applied

Underside /Back side painting: 20µm Tolerance

Thickness: +/-0.02mm

Width:+/-2mm

Packing: Film protective coating applied to each sheet to protect it from scratching during installation, each crate is wrapped in waterproof packaging, with galvanized steel straps packed in timber or steel pallet/frame.

Roofing fasteners match roof colour: Type Galvanized coated with baked colour finish M6-11 X 65 mm hex head with seal are used.

Base metal product meets the Australian building regulations and compliance with building codes and the relevant authorities.

Steelbond accessories are all produced from .55mm base metal thickness, batons and fasteners all meet Australian building code regulations

20 years. Manufacturer's warranty

Weight per square meter 3.75 Kgs

Tile length 5.84 meters. Tile panel is 305mm. 19.14 panels per sheet

Fasteners, Applied to the crest section of the tile. Or nose fastening for cyclone areas

Overlap on sides, (Side to side) one corrugation, 100mm. One large corrugation

End for end overlap joints are 100mm from the step down section of the roof tile

Steel galvalume battens are 0.55mm in thickness hot dipped zinc coated 20mm fastening tab section X 40mm high X 40mm across the top hat section

Double Decker corrugation roof wave height is 0.50mm & 200mm gap to the next wave height

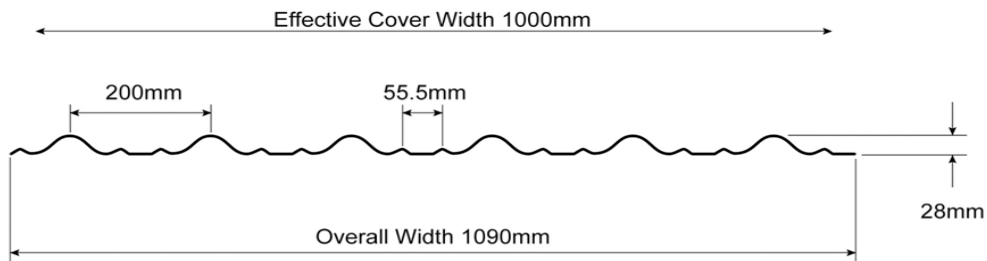
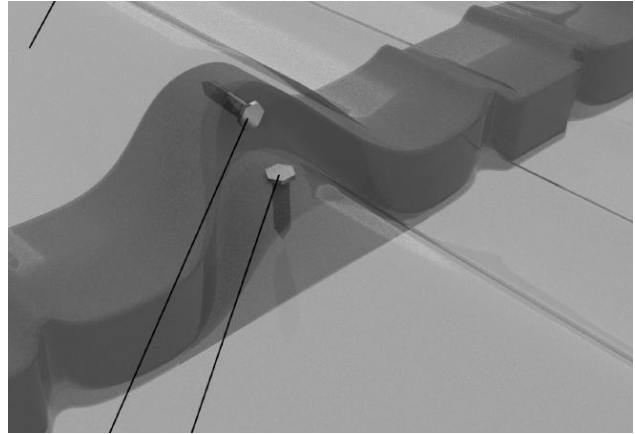
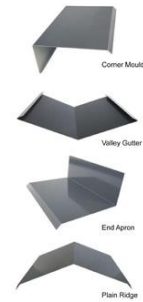
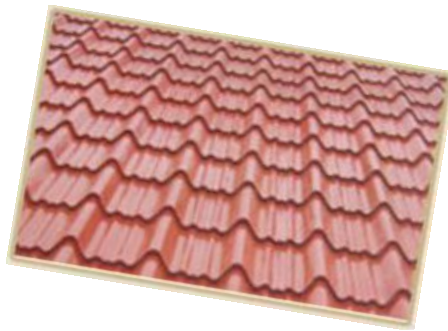
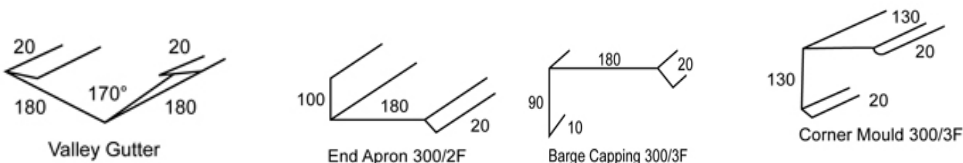


Fig. 1) Standard batten spacing's and screwing points are 900mm

Fig. 2) For cyclone rated batten spacing and screwing points are 700mm



**ROOF-LOK<sup>®</sup>**  
CYCLONIC ASSEMBLY FOR  
CORRUGATED AND SQUARE ROOF PROFILES

Steelbond Australia Pty Ltd. 265 King St Newcastle NSW 2300 Australia  
PO Box 3134 Valentine 2280 NSW Australia. Phone: + 61 (0) 249257799  
[www.steelbondroofing.com.au](http://www.steelbondroofing.com.au) Email: [sales@steelbondroofing.com.au](mailto:sales@steelbondroofing.com.au)