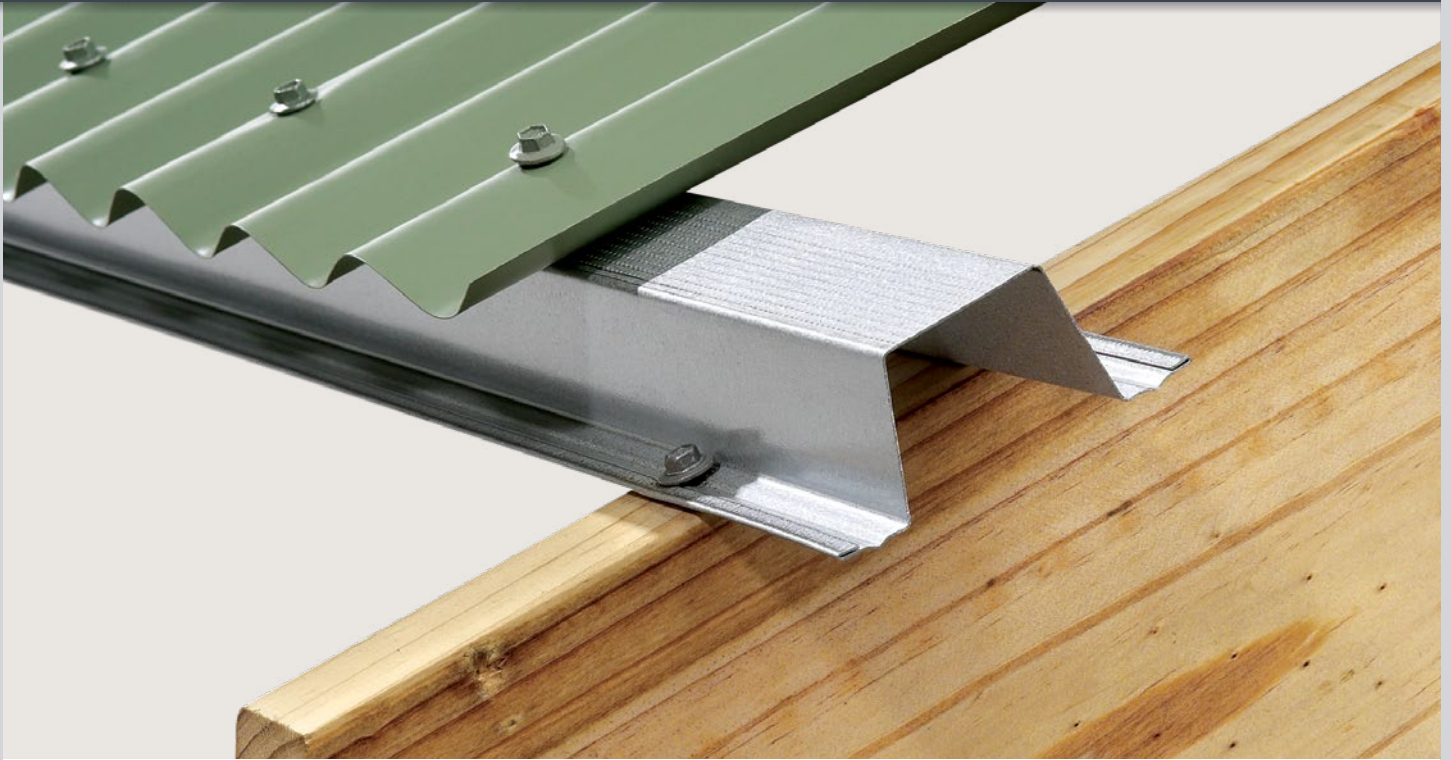


Roofing Batten

Design Guide



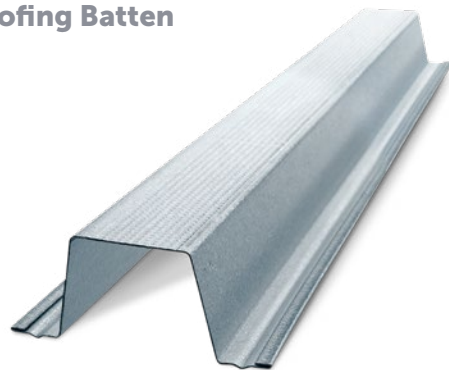
Stratco Roofing Battens are light yet strong, offering an economical alternative to timber roof battens. Manufactured from hi-tensile Zinc/Al steel, the battens remain straight and consistent throughout their long life. The profile of the batten allows for nesting, making them easier to store, carry and handle.

Stratco Roofing Battens are versatile and easy to use. They can be lapped, eliminating the need for on-site cutting, which makes them quicker and easier to install. They are compatible with all roof cladding and are fixed directly to the rafters with screws through each flange. The roof is then fixed to the battens with self-drilling screws.

Features

- A textured surface makes installation easy when fixing the cladding.
- 0.55mm thick hi-tensile steel is very strong, light weight and easy to cut with tin snips.
- The 40mm high profile provides strength and is designed to nest for easy handling and storage.
- Each flange has a groove for easy fixing location.
- The return edge provides safety and rigidity.
- Available in stock lengths with mitred ends for easy installation at hips and valleys.

Roofing Batten



Roofing Battens

Design Guide

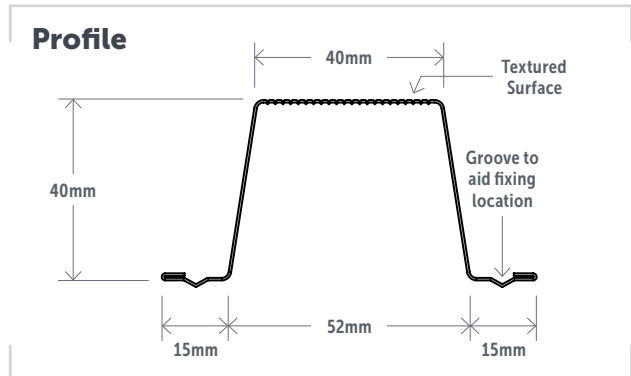


Specifications

Stratco Roofing Battens are expertly manufactured from hi-tensile Zinc/Al steel and comply with Australian Standard 1397/G550 AZ150.

Base Metal Thickness	0.55mm
Yield Strength	550 MPa
Coating Mass	150g/m ²
Maximum Span*	1500mm
Maximum Sheet Roof Spacing	1200mm
Maximum Tile Roof Spacing	330mm
Batten Mass	0.71kg/m

*Maximum span continuous over at least two spans.
Note: Batten spacing must not exceed the maximum recommended roof cladding spans.
Refer to the appropriate Stratco cladding brochure for fastener and spanning details.



Installation Details

Batten to Timber Fixing

Fasten the batten to every truss or rafter with a 12x40mm timber fixing screw (minimum fixing size) through each flange (figure 1.0).

Batten to Steel Fixing

Fasten the batten to every truss or rafter with a 10x16mm hex-head self-drilling screw (minimum fixing size) through each flange as shown in figure 2.0.

Fixing the Roof Sheets

Fasten the roof sheets to the batten as per the appropriate Stratco roofing specifications, refer to figure 3.0.

Fixing the Ridge

Fix through the ridge flashing into the roofing batten as shown in figure 4.0, using the appropriate cladding screws.

Lapping the Battens

To minimise cutting, lay the battens in one direction starting from one end of the roof. The overlap must be supported over a truss or rafter, refer to figure 5.0. The minimum overlap is 100mm.

Figure 1.0

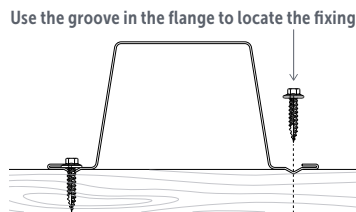


Figure 2.0

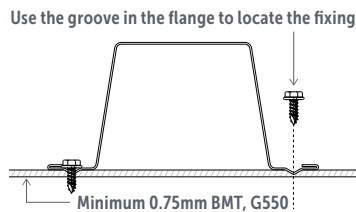


Figure 3.0

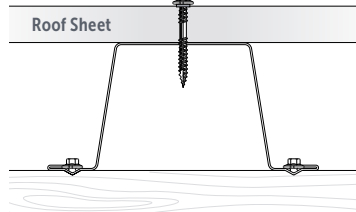


Figure 4.0

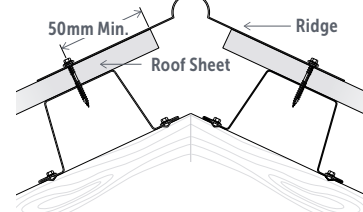
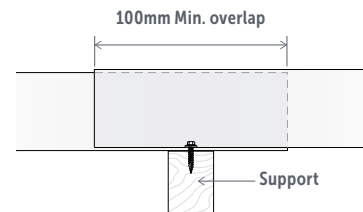


Figure 5.0



◀◀ SCAN THIS QR CODE TO FIND A STRATCO NEAR YOU

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How To.



ADDITIONAL INFORMATION If additional fall protection is required on steel sheet roofs, Stratco Ceiling Battens may be fixed intermittently between Stratco Roofing Battens giving a batten spacing no greater than 600mm. Roofing battens are suitable for non-cyclonic conditions up to and including W41 (N3). Refer to Stratco for applications in higher wind conditions. For additional information such as handling, storage, environmental considerations and material compatibility refer to the Stratco 'Selection Use and Maintenance' brochure.