

The Corrugator™ roof support ladder bracket



Product Description

A surface mounted stainless steel roof support bracket to suit standard corrugated iron roof sheeting with a minimum base metal thickness (BMT) of 0.42mm providing lateral restraint when alighting from the ladder or a roof plane.

LIMITATIONS:

The *Corrugator™ Ladder Bracket* is not to be utilised by more than one person at any time nor should it be used or modified for use as a fall arrest/restraint device.



Technical Data

Weight (approx):	980 Grams
Dimensions (overall):	400mm x 470mm x 25mm nominal
Screw Fixings:	2 off M6 x 12mm 304 Stainless steel Hex Head screw 6 off 15-15x25mm Hex Head Metal Batten Tekes

COMPOSITION AND MATERIALS:

The *Corrugator™ Ladder Bracket* is composed of 304 Stainless Steel in either a mill finish or powdercoated. The *Corrugator™ Ladder Bracket* utilises 6 screws to surface mount the brackets with an EPDM self adhering separation strip.

APPLICABLE STANDARDS:

Australian/New Zealand Standard 1891.4

Maintenance

The *Corrugator™ Ladder Bracket* should be checked annually at the very least by a 'competent' person as required and/or detailed in Government OH&S Acts, Codes of Practice and all applicable building codes. Ensure that the *Corrugator™ Ladder Bracket* is firmly attached to the roof and not loose with the use of all screw fixings as detailed Technical Data above. Ensure all safety equipment to be used in conjunction with the '*Corrugator™*' is checked prior to use.

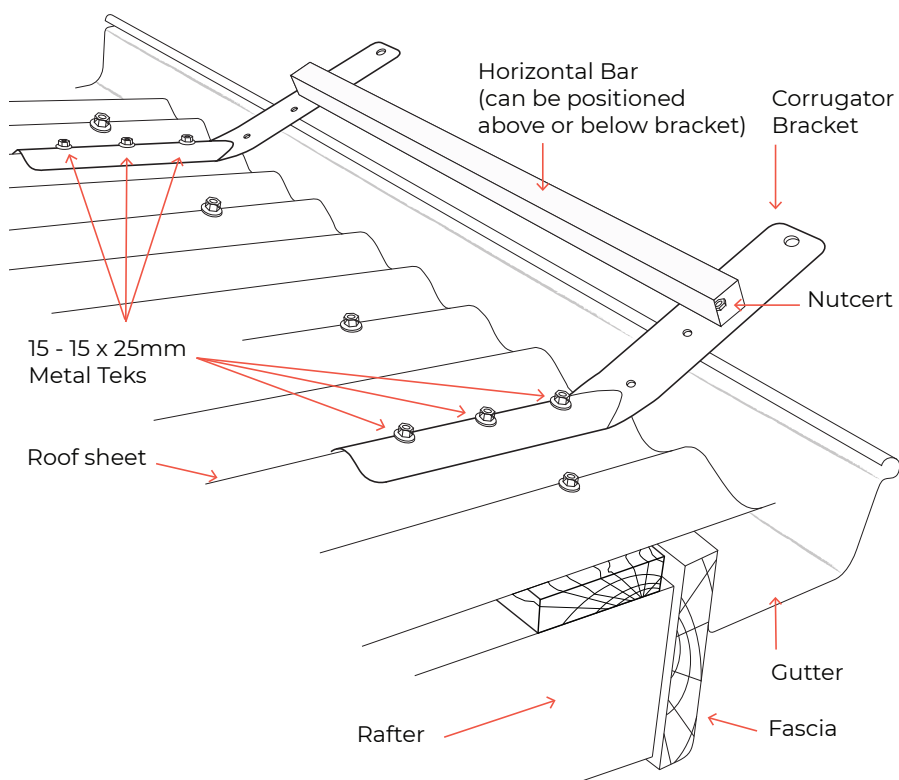
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Fixing Diagram

(To be read in conjunction with installation instructions below)



FIXING NOTES:

- The separation strip adhered to the underside of The Corrugator™ Brackets must be in place when fitting the anchor.
- Place The Corrugator™ Ladder Bracket on a ridge between existing roofing screws. DO NOT fix into existing penetrations.
- Place Ladder Bracket on the roof sheet so that the horizontal bar is in line or just past outside edge of the gutter.
- Fix three metal batten teks depending on gutter size and required Ladder Bracket extension.
- Ensure that all screws are firmly fixed but NOT overtightened with all washers in tact under the heads of the screws.
- The horizontal bar maybe gently bent downwards or upwards to suit the roof pitch
- The Corrugator™ Ladder Bracket is fixed to the roof sheet only.

Secure Anchor Systems recommends that all anchor / ladder bracket installers & users be 'competent' in accordance with AS 1891, relevant Codes of Practice and applicable OH&S acts in your state.

Secure Anchor Systems always recommends placement of anchors using a 'fall restraint' methodology and working in a 'fall restraint' mode when working at heights.

Installation Instructions

Following is a general summary of the installation method. If there is any doubt as to the surety or application of this roof anchor please contact Secure Anchor Systems.

ROOF REQUIREMENTS:

Apply the Corrugator™ Ladder Bracket to a corrugated iron roof that is fixed in accordance with the roof sheet manufacturer's instructions, all applicable building codes and Australian Standards. A roof sheet with minimum base metal thickness of 0.42mm (with a minimum 550MPa yield strength in accordance with AS 1397-2001) must be utilised

APPLICATION & FASTENING:

The separation strip provides a separation between the corrugated iron and the stainless steel fabric of the Corrugator™ Ladder Bracket ensuring a tight waterproof seal. This must also be placed to ensure no reaction will occur between the stainless steel Ladder Bracket and the roof sheeting. Ensure that the EPDM it is adhered to the ladder bracket.

A minimum of six (6) screws are required to be used on the Corrugator™ Ladder Bracket. Three holes are centred axially, down the face of each Corrugator™ Ladder Bracket. The brackets may be located up and down the roof sheet to enable the horizontal bar to sit just past the outer edge of the gutter. Place the Ladder Bracket over a corrugation between an existing line of screw fixings in the roof sheet. DO NOT remove an existing screw fixing and place the Ladder Bracket in that same position utilising an existing hole.

Ensure that the Metal Batten Tek's are secured firmly against the ladder bracket and the roof sheet so there is no movement. DO NOT overtighten the screws as they may strip the thread and compromise the screw's holding power and shear strength on the sheet. We suggest using a torque setting commonly available on cordless drills for consistent application of all screws.

FLASHING:

The Ladder Bracket requires no additional flashings.



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