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## 1. PRODUCT NAME:

The Corrugator™ LP06–LB corrugated iron ladder support / tie off bracket

## 2. MANUFACTURER/DISTRIBUTOR:

American Shingles Pty Limited trading as Secure Anchor Safety in Australia

## 3. 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.

**Composition and Materials:** The 'Corrugator™ Ladder Bracket' is composed of 304 Stainless Steel in either a mill finish or powdercoated to match roof sheet colours. The 'Corrugator™' Ladder Bracket utilises 4-6 screws to surface mount the brackets with an EPDM self adhering separation strip.

**Applicable Standards:** Not Applicable

## 4. TECHNICAL DATA:

Weight (approx.):	980 Grams
Dimensions (overall):	400mm x 470mm x 25mm nominal
Fixings:	2 off M6 x 12mm 304 Stainless steel Hex Head screw with Nylon Lock nut 4-6 off Buildex 15-15x25mm Hex Head HG Seal 'Metal Batten Tek's' (6-310-3498-1C4)
Weather exposure:	400mm x 470mm x 25mm

## 5. INSTALLATION:

Installation instructions including diagrams are supplied with each ladder bracket, or separate application sheets may be obtained from Secure Anchor Safety and are provided as a guide only. Following is a general summary of the installation method.

If there is any doubt or non surety as to the application of this Ladder Bracket in accordance with these instructions please contact Secure Anchor Safety (Australia) or a certified practising structural engineer for further direction or clarification.

**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 is adhered to the ladder bracket.

A minimum of (4) screws are required to be used on the 'Corrugator™' Ladder Bracket but six (6) are always recommended to be used where possible. 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 'Corrugator™' requires no additional flashings nor sealing other than the application of the enclosed EPDM self adhering sealing/separation strip.

## 6. AVAILABILITY AND COST:

Contact **Secure Anchor Safety** for current pricing and supply information for Australia and New Zealand.

## 7. 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™' is firmly attached to the roof and not loose with the use of all screw fixings as detailed in 4. Technical Data above. Ensure all safety equipment to be used in conjunction with the 'Corrugator™' is checked prior to use.

If there is any doubt or non surety as to the performance of any installed Corrugator™ Ladder Bracket DO NOT USE OR ATTACH TO IT and contact a certified practising structural engineer or Secure Anchor Safety for further direction.

## 8. TECHNICAL SERVICES:

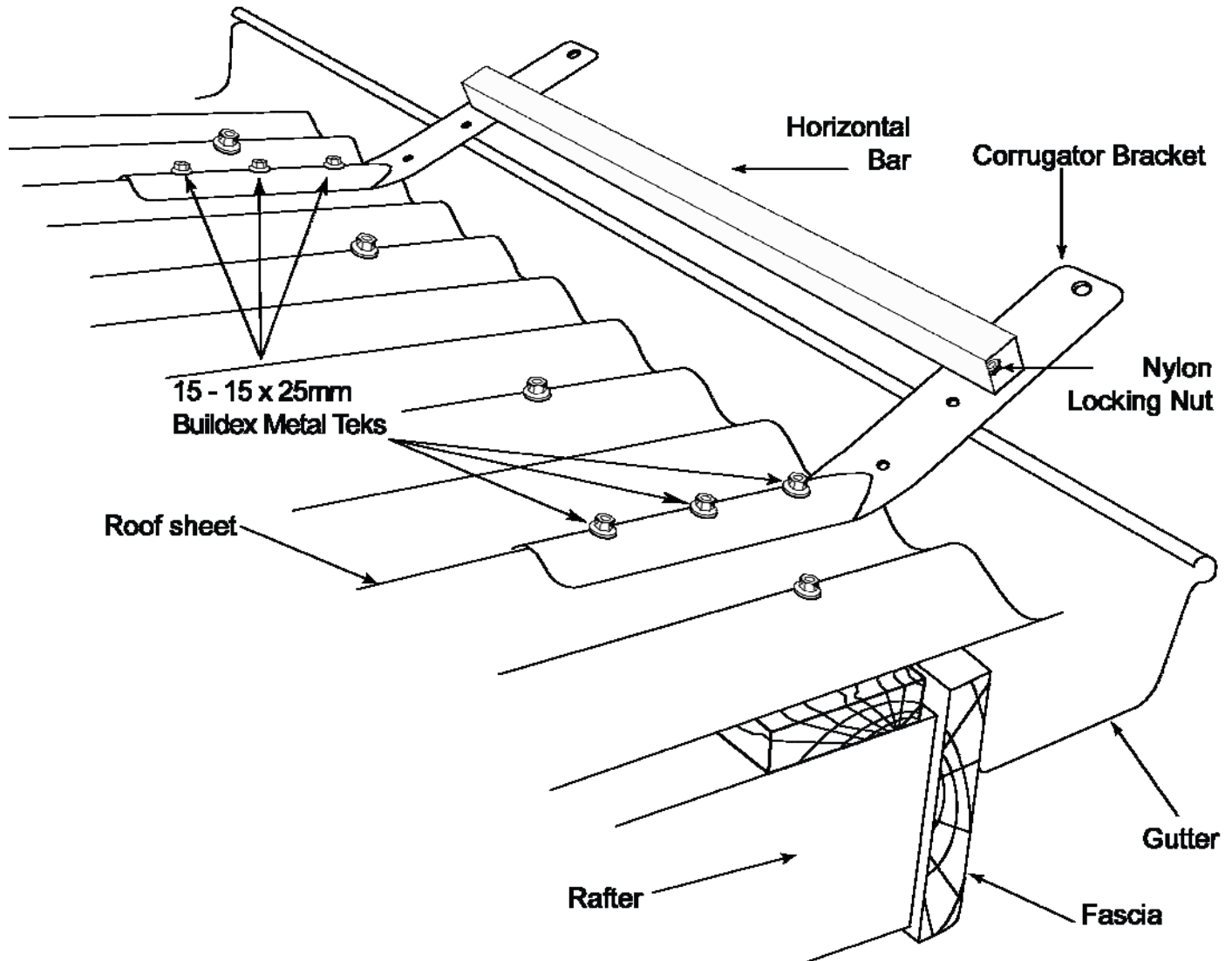
Technical support and assistance is available through **Secure Anchor Safety**.



For additional information and literature contact **Secure Anchor Safety: Telephone 1300-131-881 | Facsimile 1300-731-881**

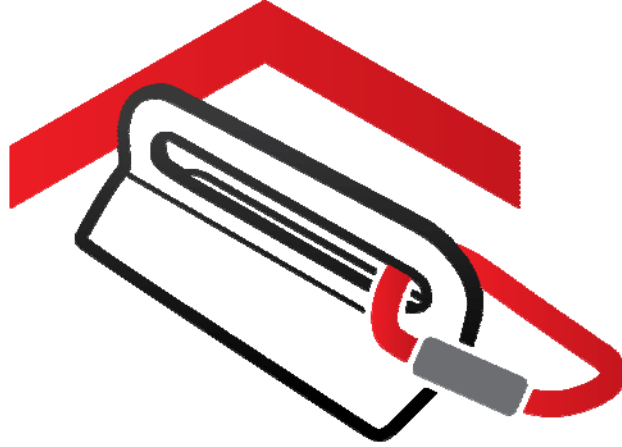
# The Corrugator™: Ladder Bracket

## Fixing Illustration



### NOTES:

- The separation strip adhered to the underside of The Corrugator™ brackets must be in place when fitting the anchor.
- Place The Corrugator™ 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 at least two of the 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
- Ensure nylon nuts are tightened and securely in place.
- 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.



# SecureAnchor

S Y S T E M S

***“It’s all about staying on top”***

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