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ALEXANDRIA NSW 2015

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1. PRODUCT NAME:

The Kliplik® KL08™ ladder support / tie off bracket

2. MANUFACTURER/DISTRIBUTOR:

American Shingles Pty Limited trading as Secure Anchor Systems in Australia

3. PRODUCT DESCRIPTION:

A surface mounted stainless steel roof support bracket to suit standard Kliplik® KL08™ trapezoidal roof sheeting with a minimum base metal thickness (BMT) of 0.48mm providing lateral restraint when alighting from the ladder or a roof plane.

Limitations: The Kliplik® KL08™ 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 Kliplik® KL08™ Ladder Bracket' is composed of 304 Stainless Steel in either a mill finish or powdercoated to match roof sheet colours. The Kliplik® KL08™ Ladder Bracket utilises 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 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 Systems or a certified practising structural engineer for further direction or clarification.

Roof Requirements: Apply the Kliplik® KL08™ Ladder Bracket' to a Kliplik® 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 0.48mm (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 Kliplik® KL08™ 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 Kliplik® KL08™ Ladder Bracket. Three holes are centred axially, down the face of each Kliplik® KL08™ Ladder Bracket arms. The brackets may be located up and down the roof sheet in the pan to enable the horizontal bar to sit just past the outer edge of the gutter. Place the Kliplik® KL08™ Ladder Bracket between ribs and fix through the roof sheet.

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 prevent the washer and separation strip from sealing the penetration of the screw allowing ingress of water. We suggest using a torque setting commonly available on cordless drills for consistent application of all screws.

DO NOT use impact drivers to install any roof anchors or ladder brackets.

Flashing: The Kliplik® KL08™ requires no additional flashings nor sealing other than the application of the enclosed EPDM self adhering sealing/separation strip. If there is any doubt as to the weatherproofing of the ladder bracket within the pan, an appropriate silicone application may be considered by the installer.

6. AVAILABILITY AND COST:

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

7. MAINTENANCE:

The Kliplik® KL08™ 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 Kliplik® KL08™ 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 Kliplik® KL08™ Ladder Bracket is checked prior to use.

If there is any doubt or non surety as to the performance of any installed Kliplik® KL08™ Ladder Bracket DO NOT USE OR ATTACH TO IT and, contact a certified practising structural engineer or Secure Anchor Systems for further direction.

8. TECHNICAL SERVICES:

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



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

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