



Works on any part of a plywood deck roof without having to find the structural rafter below.



## Product Description

A roof mounted stainless steel bracket to suit plywood deck installations with a minimum plywood thickness of 12mm providing fixing points for solar panels.

Can be used on *American Shingles* Roll-out low slope roofing, Zinc, Copper, Colorbond. Allowed on sandwich refrigeration panels when used as a roof.

### LIMITATIONS:

The *Solar Support Bracket* is not to be utilised for any other purpose other than as a solar panel support.



## Technical Data

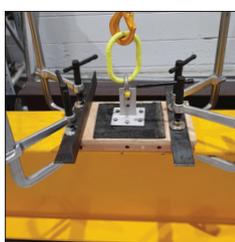
Weight (approx):	135 Grams (per bracket)
Dimensions (overall):	80mm x 80mm x 80mm nominal (10mm wide elongated fixing slot)
Screw Fixings:	6 off 32mm Swan secure screws

### COMPOSITION AND MATERIALS:

The *Solar Support Bracket* is composed of 304 Stainless Steel in either a mill finish or powder coated. The *Solar Support Bracket* utilises 6 screws to surface mount the brackets with an EPDM self adhering separation strip.

### APPLICATION STRENGTH:

Tested on a plywood deck to 450Kg uplift



## Maintenance

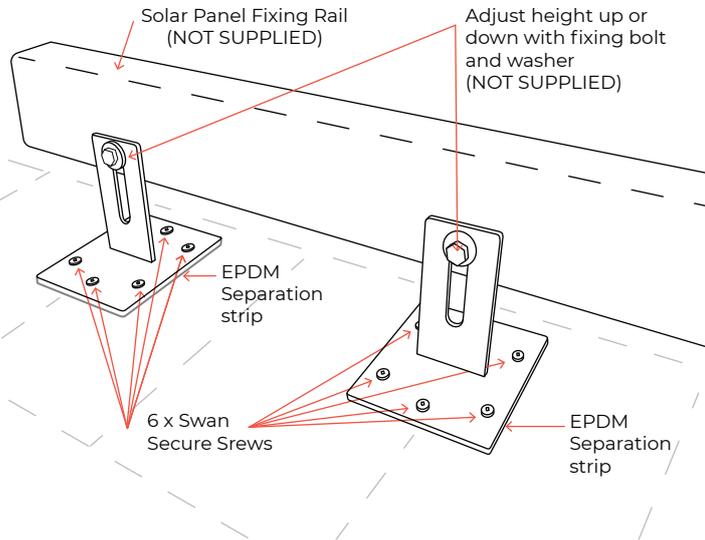
The *Solar Support Bracket* should be checked annually at the very least by a 'competent' person as required and/or detailed in Government OH&S Acts, Codes of Practice and all applicable building codes. Ensure that the *Solar Support Bracket* is firmly attached to the roof and not loose with the use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

**Distribution by:**  
**Shingles Supply Pty Ltd**  
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Order: 1300 131 881  
Enquires: +61 2 9317 3553  
PO Box 1346 Moss Vale NSW 2577  
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## Fixing Diagram

(To be read in conjunction with installation instructions below)



## 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 *Solar Support Bracket* to a plywood 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 plywood thickness of 12mm must be utilised

### APPLICATION & FASTENING:

The separation strip provides a separation between the asphalt shingle and the stainless steel fabric of the *Solar Support Bracket* ensuring a tight waterproof seal. This must also be placed to ensure no reaction will occur between the stainless steel Bracket and the roof shingles. Ensure that the EPDM it is adhered to the bottom of bracket.

A minimum of six (6) Swan secure screws are required to be used on the *Solar Support Bracket*. A 10mm elongated hole down the face of each bracket provides a fixing point of a solar panel rail.

### FLASHING:

The Ladder Bracket requires no additional flashings.

*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.



## SSB-X

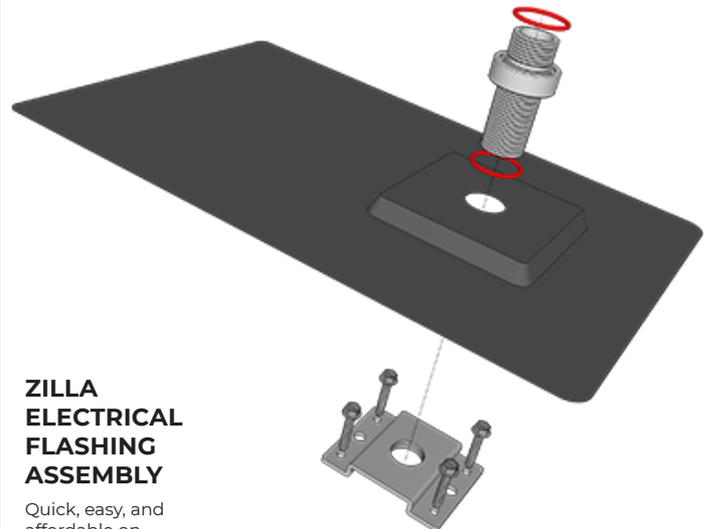
### SOLAR SUPPORT BRACKET

Specifically designed and engineered for *BlueScope* Steel Ribbed Roofing Panels.

Its unique raised 'X' design allows leaf litter debris to pass underneath, thus preventing corrosion.

The Solar Panel rail also allows electrical cabling to be secured neatly.

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