

## Solar Shield Alilite Roofing System

### Installations Instructions – Alilite Beam

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#### Step 1:

Insert rubber gaskets into the top Alilite beam.

Pre drill 6mm holes in the top Alilite beam every 300mm. Drill the first hole a minimum of 70mm from the end to allow for gutter installation.

#### Step 2:

If you are intending to install a gutter allow the top Alilite beam to overhang the end of your span beam by at least 50mm.

#### Step 3:

Insert rubber gaskets into the bottom Alilite span beam.

FIX THE SELECTED RAFTER BRACKETS TO THE ROOF STRUCTURE USING:

Option 1: D Bracket  
Option 2: L Bracket

#### Step 4:

Fit the Alilite beam into the brackets at both ends.

Screw through the sides of the brackets into the Alilite beam.

#### Step 5:

Fix the end “U” bracket in place either by screwing or using an aluminium rivet.

#### Step 6:

Peel 50mm of the protective PE masking away from the long sides of each Acryglaze panel (on both sides).

Ensure you leave the rest of the protective film on until the job is complete to avoid damage.

Place 2 panels onto the Alilite beam to ensure the panel is in the correct position. Position the panels so they line up with the edge of the top glazing bar.

#### Step 7:

Position the top Alilite beam in place and secure using the cap screw. Fix at 300mm centres into the pre drilled holes.



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#### **Step 7 Cont:**

ONCE THE FIRST 2 PANELS ARE INSTALLED, SECURE AND COMPLETE ONE PANEL AT A TIME.

#### **Step 8:**

Clip on the top cover as you go and tap down with a rubber mallet until it clicks into place.

#### **Step 9:**

Fit the end cap to the end of the Alilite beam at the gutter end. Use aluminium rivets or screws to attach at the top of the glazing bar.

#### **Step 10: (Gutter Option)**

To install a gutter, ensure you install the Alilite beam with a minimum overhang of 50mm from the end of the roof. Then attach the gutter brackets to the end of the Alilite beam.

#### **Step 11: (Finishing Panel)**

You can finish off each edge of the roof by installing an “F” bracket or using a 100mm strip of Acryglaze.

Simply remove the bottom rubber gasket from the outside of the beam and install the “F” channel.

#### **Step 12:**

To finish your canopy, completely remove all remaining protective film from the top and bottom of the Acryglaze.

