

## AMPELITE FIBREGLASS DESIGN GUIDELINES

### End Laps

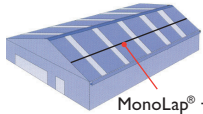
Because of the larger profile of fibreglass sheeting, it is not recommended that **Stramit Monoclad**<sup>®</sup> sheeting be installed over Ampelite Fibreglass on end laps. Refer to the Ampelite Skylight "Design Considerations" document for further information or contact your local Ampelite office.

The installation procedure is recommended by Ampelite Australia Pty Ltd. These recommendations closely follow the Australian Standard AS1562.3: 2006 Design and installation of sheet roof and wall cladding, Part 3: Plastic. Unless the above instructions are adhered to, Ampelite Australia will not accept any responsibility for consequent leakage problems.

### TRANSLUCENT ROOFING DESIGN

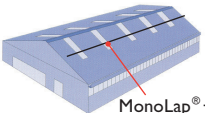
For maximum light transmission and weather proofing, continuous fibreglass skylights from the ridge to eave is the preferred design. Ridge to intermediate purlin installation also achieves good weatherproofing.

#### Good Design

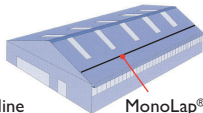


MonoLap<sup>®</sup> + MonoSky<sup>®</sup> joint line

Ampelite translucent sheet from ridge to eave, using **Stramit MonoSky**<sup>®</sup> seals adjacent to **Stramit MonoLap**<sup>®</sup> seals at the **Stramit Monoclad**<sup>®</sup> lap joint.



MonoLap<sup>®</sup> + MonoSky<sup>®</sup> joint line



MonoLap<sup>®</sup> joint line

Ampelite translucent sheet from ridge to position over a purlin that does not coincide with the **Stramit MonoLap**<sup>®</sup> lap joint.

Skylight designs that require **Stramit Monoclad**<sup>®</sup> sheeting to be laid over the fibreglass sheet should be avoided.

Call us for further information  
or the name of your local distributor



#### SYDNEY

33-83 Quarry Road, Erskine Park NSW 2759  
Telephone (02) 9834 0900 Fax (02) 9834 0988

#### CANBERRA

4 Bass Street, Queanbeyan NSW 2620  
Telephone (02) 6298 2500 Fax (02) 6298 2533

#### COFFS HARBOUR

6 Mansbridge Drive, Coffs Harbour NSW 2450  
Telephone (02) 6656 3800 Fax (02) 6656 3808

#### NEWCASTLE

17 Nelson Road, Cardiff NSW 2285  
Telephone (02) 4041 3400 Fax (02) 4041 3423

#### ORANGE

51 Leewood Drive, Orange NSW 2800  
Telephone (02) 6360 9200 Fax (02) 6360 9211

#### MELBOURNE

3/1464 Ferntree Gully Road, Knoxfield Vic 3180  
Telephone (03) 9237 6200 Fax (03) 9237 6299

#### ALBURY

18 Ariel Drive, Albury NSW 2640  
Telephone (02) 6092 3700 Fax (02) 6092 3766

#### BENDIGO

Ramsay Court, Kangaroo Flat VIC 3555  
Telephone (03) 5448 6400 Fax (03) 5447 9677

#### HOBART

57 Crooked Billett Drive, Brighton TAS 7030  
Telephone (03) 6262 8788 Fax (03) 6262 8712

#### ADELAIDE

11 Stock Road, Cavan SA 5094  
Telephone (08) 8219 2000 Fax (08) 8262 6333

#### BRISBANE

57-71 Platinum Street Crestmead QLD 4132  
Telephone (07) 3803 9999 Fax (07) 3803 1499

#### TOWNSVILLE

402-408 Bayswater Road, Garbutt QLD 4814  
Telephone (07) 4412 3900 Fax (07) 4412 3909

#### CAIRNS

Vickers Street, Edmonton QLD 4869  
Telephone (07) 4034 6555 Fax (07) 4034 6511

#### MACKAY

Brickworks Court, Glenella QLD 4741  
Telephone (07) 4965 4000 Fax (07) 4965 4012

#### MARYBOROUGH

10 Activity St, Maryborough QLD 4650  
Telephone (07) 4123 9500 Fax (07) 4123 9508

#### ROCKHAMPTON

41 Johnson St, Parkhurst QLD 4702  
Telephone (07) 4921 5600 Fax (07) 4921 5608

#### DARWIN

55 Albatross Street, Winnellie NT 0820  
Telephone (08) 7922 4600 Fax (08) 7922 4608

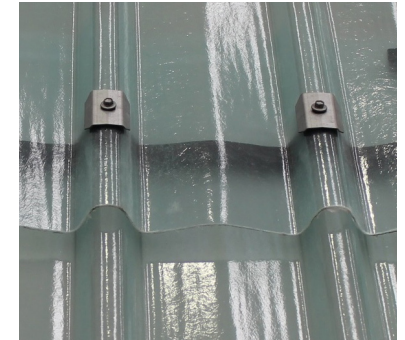
#### PERTH

605-615 Bickley Road, Maddington WA 6109  
Telephone (08) 9493 8800 Fax (08) 9493 8899

[www.stramit.com.au](http://www.stramit.com.au)

**IMPORTANT NOTICE:** The information contained within this brochure is for general use and information only. Before application in a particular situation, Stramit recommends that you obtain appropriate independent qualified expert advice confirming the suitability of product(s) and information in question for the application proposed. While Stramit accepts its legal obligations, be aware however that to the extent permitted by law, Stramit disclaims all liability (including liability for negligence) for all loss and damage resulting from the use of the information provided in this brochure.

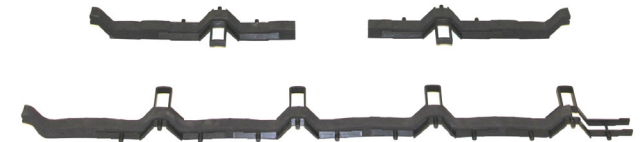
® are registered trademarks of Stramit Corporation Pty Limited, ABN 57 005 010 195 trading as Stramit Building Products. Part of Fletcher Building Group © Stramit Corporation Pty Limited, January 2018. This document replaces all previous issues. Please destroy, or clearly mark as superseded, all previous issues.



## STRAMIT MonoSky<sup>®</sup>

### JOINT SYSTEM FOR FIBREGLASS SHEETING

For Stramit Monoclad<sup>®</sup> roofing and MonoLap<sup>®</sup> roof lap joint system



## Installation supplement

Version 1

# STRAMIT MonoSky®

## JOINT SYSTEM FOR FIBREGLASS SHEETING LAPS

### For use with *Stramit Monoclad®* roofing and *Stramit MonoLap®* roof lap joint system

For use in conjunction with *Stramit MonoLap®* Lap Joint System, *Stramit MonoSky®* joint is only suitable for the fibreglass over fibreglass joint and the edge joint of the fibreglass over the *Stramit Monoclad®* sheeting. The *Stramit MonoSky®* joint system consists of three sealing pieces, one longer sealing piece which covers four translucent sheet pans and two shorter sealing pieces which each cover one *Stramit Monoclad®* sheeting pan.



## INSTALLATION OF FIBREGLASS OVER FIBREGLASS APPLICATIONS

Note: Fibreglass sheet overlaps should be a minimum of 350mm as per the *Stramit MonoLap®* roof lap joint installation supplement.

1. Install lower run of *Stramit Monoclad®* sheeting, allowing correct spacing where the Ampelite translucent sheet will be installed. Turn up the *Stramit Monoclad®* sheeting ends at the lap joint, and fit *Stramit MonoLap®* units across all the sheets.

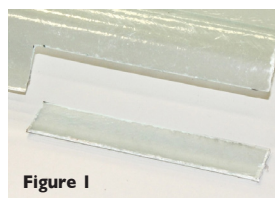


Figure 1

*Stramit MonoSky®* sealing piece can seal against the *Stramit Monoclad®* sheeting (see Figure 1).

2. Before the translucent sheeting is positioned, cut out a piece approximately 100mm x 20mm on both sides of the lower translucent sheet at the lap joint end so that the shorter

3. Lay the translucent sheet into skylight position on the lower run, screwing into place with recommended fasteners on every purlin except the purlin with the *Stramit MonoSky®* roof lap joint.

4. Place the shorter *Stramit MonoSky®* sealing pieces on to each edge pan of the *Stramit Monoclad®* sheeting close to the cut-out with the foam closer to the end of the sheet as shown, and with the rectangular hole facing downstream towards the *Stramit MonoLap®* (see Figure 2). This ensures a seal is made at the rib within the cut-out area of the translucent sheet. The seal should be straight across the pan and the black clip placed on the translucent sheeting rib.

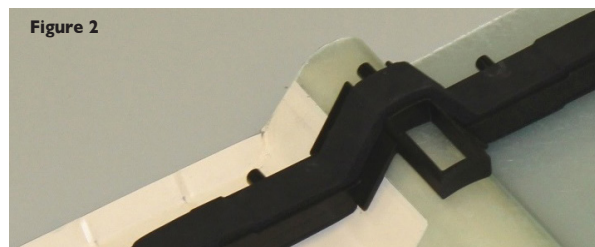


Figure 2

5. Install a 12-14 x 20mm tek screw in the middle of the rectangular hole in the nylon component, through the translucent sheet and metal sheet as shown to limit movement of the short piece of *Stramit MonoSky®* (see figure 3).



Figure 3

6. Install the longer *Stramit MonoSky®* sealing piece by joining it to the *Stramit MonoLap®* seal. This is done by loosening the *Stramit MonoLap®* and *Stramit MonoSky®* joining clips and connecting the *Stramit MonoSky®* sealing piece to the *Stramit MonoLap®* seal before re-attaching.



Figure 4

The foam component should be downstream as for *Stramit MonoLap®*. Final assembly shown in Figure 5.

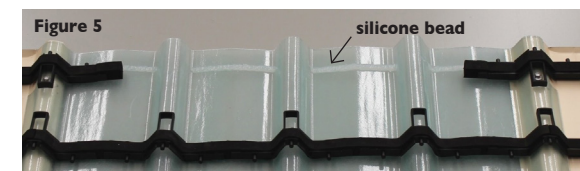


Figure 5

silicone bead

7. Install the upper *Stramit Monoclad®* sheeting run, again taking care to ensure correct spacing is left for the continuation of the translucent sheeting.
8. Before laying the upper translucent sheet, apply a single bead of silicone across the top of the lower translucent sheet 50mm from the upper end as an anti-drip strip as shown in Figure 5.
9. Now lay the upper translucent sheet into ready-made skylight position, and screw into place on every purlin except the purlin with the *Stramit MonoSky®* roof lap joint. Ensure all screw positions have an oversized hole to allow for expansion and contraction of the Ampelite Fibreglass sheet as per standard Ampelite Fibreglass installation guidelines.
10. The translucent sheet is now ready for final installation over the *Stramit MonoSky®* roof lap joint. Ensure the *Stramit MonoSky®* unit is sitting in a straight line across the lower translucent sheet. Drill a 16mm diameter hole at the top of each rib over the support centreline. This should pass through the centre of the rectangular hole in the nylon component and go through both translucent and metal sheets. Remove swarf.
11. Position a *Stramit MonoLap®* cap over the 16mm diameter hole. Screw through using the No 12-14 x 68mm tek screw into the support below (see Figure 6). Turn down the lower ends of all steel sheets on the upper run using the *Stramit MonoLap®* turn-up/down tool.



Figure 6