

The installation procedure is recommended by Ampelite Australia Pty Ltd.

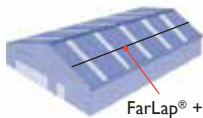
These recommendations closely follow the Australian Standard ASI562.3: 2006 Design and installation of sheet roof and wall cladding, Part 3: Plastic. Unless the above instructions are adhered to, Ampelite Australia will not accept any responsibility for consequent leakage problems.

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.

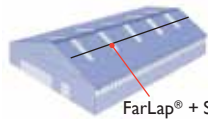
The reduction in light transmission can be compensated by continuous Ampelite wall siding. A variation on ridge to purlin skylights is to install deeper siding sheets in the walls at the same intervals as the roofing skylights. Skylight designs that require **Stramit Speed Deck Ultra**® decking to be laid over the fibreglass sheet should be avoided.

Good Design

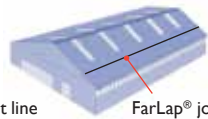


FarLap® + SkyLap® joint line

Ampelite translucent sheet from ridge to eave, using Stramit SkyLap® seals adjacent to Stramit FarLap® seals at the **Speed Deck Ultra**® lap joint.



FarLap® + SkyLap® joint line



FarLap® joint line

Ampelite translucent sheet from ridge to a position over a purlin that does not coincide with the **Speed Deck Ultra**® lap joint.

The Stramit web page can be found at:

www.stramit.com.au

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or the name of your local distributor**



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STRAMIT SkyLap®

**JOINT SYSTEM FOR
FIBREGLASS SHEETING**

**For Stramit Speed Deck Ultra® roofing
and FarLap® roof lap joint system**



Installation supplement

Version 2

STRAMIT SKYLAP®

JOINT SYSTEM FOR FIBREGLASS SHEETING LAPS.

For use with **Stramit Speed Deck Ultra®** roofing and **Stramit FarLap®** roof lap joint system.



For use in conjunction with Stramit FarLap® Lap Joint System, Stramit SkyLap® joint is only suitable for the fibreglass over fibreglass joint and the edge joint of the fibreglass over the **Stramit Speed Deck Ultra®** decking. The Stramit SkyLap® joint system consists of three sealing pieces, one longer sealing piece which covers three translucent sheet pans and two shorter sealing pieces which each cover one **Stramit Speed Deck Ultra®** decking pan.

INSTALLATION OF FIBREGLASS OVER FIBREGLASS APPLICATIONS

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

1. Install lower run of **Stramit Speed Deck Ultra®** decking, allowing correct spacing where the Ampelite translucent sheet will be installed, turn up the decking ends at the lap joint, and fit Stramit FarLap® units across all the decking sheets.
2. If required, cut off end retainer and rail of the **Stramit Speed Deck Ultra®** steel clips under first and last translucent sheet rib. (This will allow for easier screwing at the Stramit SkyLap® roof lap joint.)
3. Before the translucent sheeting is positioned, cut out a piece approximately 100mm x 30mm on both sides of the lower translucent sheet at the lap joint end so



that the shorter Stramit SkyLap® sealing piece can seal against the **Speed Deck Ultra®** sheeting.

4. Lay the translucent sheet into skylight position of the lower run, screwing into place with recommended fasteners on every purlin except the purlin with the Stramit SkyLap® roof lap joint.
5. Press the shorter Stramit SkyLap® sealing pieces on to each edge pan of the **Speed Deck Ultra®** decking close to the turn-up so that a seal is made at the rib within the cut-out area of the translucent sheet. Ensure the seal is straight across the pan and the white clip is engaged on the adjacent decking rib.



6. Install the longer Stramit SkyLap® sealing piece by joining it to the Stramit FarLap® seal. This is done by removing and discarding the Stramit FarLap® joining clip and connecting the Stramit SkyLap® sealing piece to the Stramit FarLap® seal using the end Stramit SkyLap® clip.



SkyLap® seal

FarLap® seal

7. Install the upper **Speed Deck Ultra®** decking run, taking care to ensure correct gap is left for the continuation of the translucent sheeting.

8. Apply a single bead of silicone across the top of the lower translucent sheet 50mm from the upper end as an anti-drip strip.



9. Lay translucent sheet into readymade skylight position, and screw into place on every purlin except the purlin with the Stramit SkyLap® 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 SkyLap® roof lap joint. Ensure the Stramit SkyLap® unit is sitting in a straight line across the lower translucent sheet. Using ITW Buildex or similar No 14-10 x 110 (min) tek screw, with 32mm Weatherlok washer, screw directly through pre-drilled oversize hole (10-15mm diameter) in crest of Ampelite Fibreglass ribs, ensuring screw is centred in the middle of the Stramit SkyLap® unit.
11. Turn down the lower ends of all steel sheets on the upper run using the Stramit FarLap® turn-up/down tool.



AMPELITE FIBREGLASS DESIGN GUIDELINES

End Laps

Because of the larger profile of fibreglass sheeting, it is not recommended that **Speed Deck Ultra®** decking 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.