

## Design

**Stramit MonoLap**<sup>®</sup> roof lap joint units can only be installed on roofs designed for its use.

That is

- Roof pitch must not be less than 2°
- All purlins must be in a single plane, i.e. no step down
- Purlins must be spaced to allow for sheeting end spans on either side of the joint.
- Can only be used with **Stramit Monoclad**<sup>®</sup> roofing.
- Translucent sheeting joints must coincide with the **MonoLap**<sup>®</sup> joint.

## Ordering Sheet lengths

**Stramit Monoclad**<sup>®</sup> sheeting for use with **Stramit MonoLap**<sup>®</sup> roof lap joint rolls must be ordered in lengths to allow for a sheet overlap of 350mm. The underlap sheet high-end overhang should be an additional 200mm. The upper sheet low-end overhang should be 150mm.

**IMPORTANT NOTICE:** The information contained within this brochure is intended 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 direct or indirect use, or reliance on, the information provided in this brochure.

Details of many **Stramit**<sup>®</sup> products can also be seen on the AIA site 'Product Selector' at:

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

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



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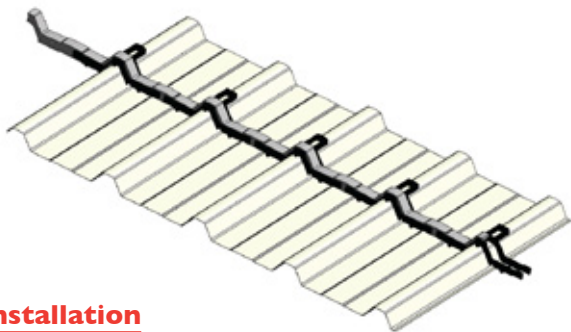
**STRAMIT  
MonoLap**<sup>®</sup>

**ROOF LAP JOINT SYSTEM  
SUITABLE FOR  
STRAMIT MONOCLAD<sup>®</sup>  
SHEETS ONLY**

product  
installation  
supplement

# STRAMIT MONOLAP®

## ROOF LAP JOINT SYSTEM FOR STRAMIT MONOCLAD®



### Installation

**Stramit MonoLap®** roof lap joints are readily installed on **Stramit MonoClad®** sheeting. The following steps explain the procedure:

1. The ribs of the upper and lower sheeting must align at the joint, hence care must be taken to ensure this can be accurately achieved before the sheets are laid on the lower run.
2. The centreline of the support will be used as a datum for alignment, as such a string line arrangement needs to be in place before the support is covered. A chalk line marked over the ribs may be used in lieu of the stringline. Place the lower run of sheets so that there is a 200mm overhang above the stringline and therefore the centreline of the support.
3. Screw down the lower sheeting as per normal practice at all supports except at the joint. Turn up the high ends of the lower sheet in every pan using the **Stramit MonoLap®** turn-up/down tool at the joint.

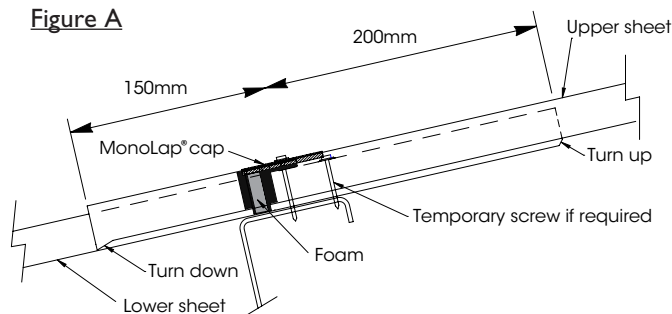
**Caution:** At this stage, the ends of the sheet are not held down at the joint purlin. If there is a time lapse between the laying of the lower run and the upper run, it is recommended that the lower sheets are held down temporarily with a screw at the location shown on Figure A, right at the purlin edge, and this screw removed when the upper run is ready to be laid so that it does not hinder movement of the sheet.

4. Individual **Stramit MonoLap®** roof lap joint rolls need to be joined to form one continuous run to cover the length of the joint. This is done by separating the overhanging nylon unit, aligning the holes in the foam of the next roll through the alignment pins, and pushing them back together until they click into place. If the roll needs to be shortened, it can simply be cut to size.

Lay out the **Stramit MonoLap®** units on the lower sheet above the joint purlin, with the foam component downstream as shown in Figure B. Align the centre of the rectangular hole in the **Stramit MonoLap®** component under the stringline which locates the centreline of the support below.

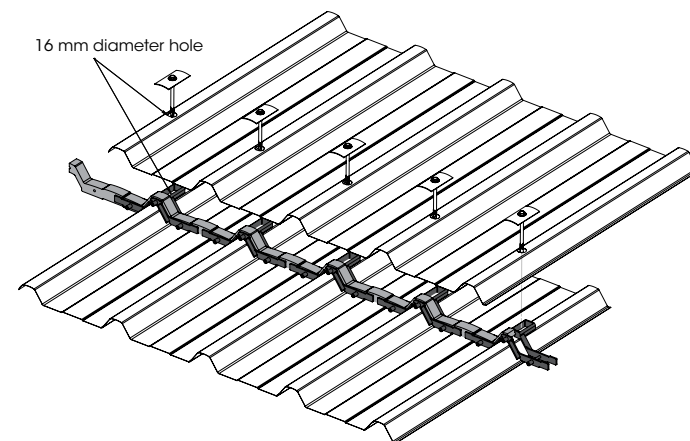
5. With the **Stramit MonoLap®** roof lap joint rolls in position the higher sheet run can be installed taking care to align it such that the ribs follow in line with the lower sheet and that there is an overlap of 150mm past the stringline. Take care not to move lap joint rolls. Screw down the sheet in the normal manner at all supports except at the joint.

Figure A



6. At the joint, drill a 16mm diameter hole at the top of each rib at the stringline through both of the **Stramit MonoClad®** sheets only. This should pass through the centre of the rectangular hole in the nylon **Stramit MonoLap®** component but not go through to the support. Remove all swarf from top and bottom sheets.

Figure B



7. Position a **Stramit MonoLap®** cap over the 16mm diameter hole. Screw through using a No 12-14x68mm tek screw through both layers of sheeting and into the support below. Finally, turn down the pans of the upper sheet at the joint using the **Stramit MonoLap®** turn-up/down tool.

### Walking

We recommend caution be taken when walking on any roof. When walking on **Stramit®** sheeting always wear flat rubber soled shoes and place feet only in the pans, except at the supports, taking care to avoid the last pan or two near edges of metal roof area.

**Walk only in pans, or ribs at purlin supports**

### Good Practice

**Stramit** recommends that good trade practice be followed when using this product, such as that found in Australian Standards Handbook HB39.