SUNLITE *(10mm) - Installation Instructions*

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10mm Twin Wall Sheet

Rafter and Purlin Nominal Spacing (mm)			
Sheet Thickness	Sheet width	Rafter Centers	Purlin Centers
10mm	980	1000	1200 (Maximum)

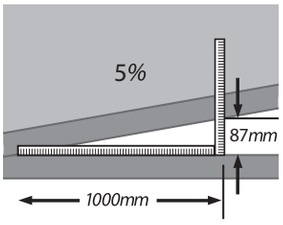
Notes

- Carefully read all installation instructions before you start.
- Always exercise extreme care when working on a roof.
- Never walk directly on the sheeting, use walking boards along purlins.
- Always wear eye protection when using cutting tool.
- For safety precautions Palram recommends the use of safety mesh for installations above 3m height.

Installation Steps

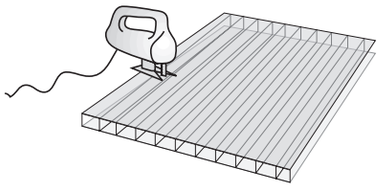
1. Always install Sunlite sheets with the ribs running vertically with the direction of the fall.

2. Make sure there is adequate fall of minimum 5 degrees (87mm per 1000mm) Good fall will aid in keeping the sheets clean.



3. Cut H Joiner alum profiles to size.

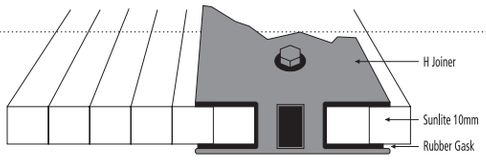
4. Always cut SUNLITE® panels **40mm** longer than alum glazing bars. SUNLITE® sheets can be cut with standard wood or metal saw with fine tooth blade. Saw blades designed especially for plastic yield best results. If SUNLITE® width need to be reduced, trim as close as possible to the last rib to obtain better clamping action.



ONE PIECE SYSTEM

5. Place the first H Joiner profile on the structure. The maximum allowed end overhang is 50mm.

6. When installing on rafters or battens, fasten the first H Joiner 995mm in from the edge of the structure (In the case of rafters, the centre of the 2nd rafter should be installed 995 from the out side edge of the 1st rafter) Centres of internal rafters/H sections should be 1000mm apart and battens should be a maximum of 1200mm apart..



7. Screw through the centre of the H section by first drilling a 5mm hole and than using 12 guage timber or metal screw with a neo. When installing the first and last panels first attached the F section to the outside of the panel with the leg facing downward.

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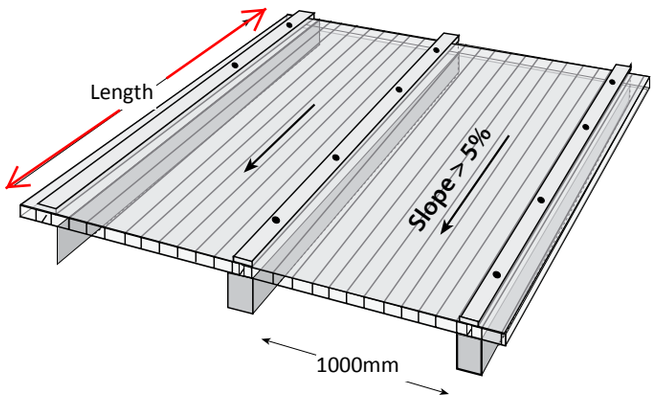
8. Pull the protective film back on the sides of the sheet and place the rubber gasket* on both sides of the sheet to be inserted into the H Joiner. Then use either the F section(Barge ends) or the next H joiner on the side away from the secured H joiner. Insert this section on to the sheet and into the secured H joiner by tapping it in with a rubber mallet than secure the unsecured section as before.

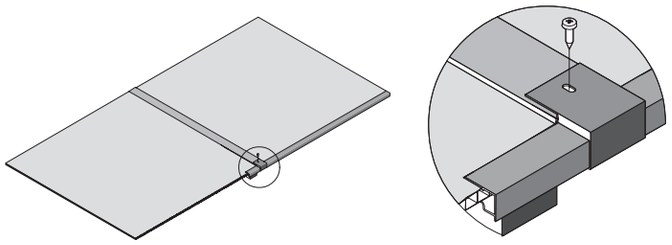
* Not required with F section



9. Repeat steps 6-8 until all sheets are positioned and finish with F section to barge.

10. Insert the Aluminium End Cap on the bottom sheet end (Both top & bottom if free standing). Do not stop at each glazing bar (This should be continuous if posible). Make sure to join alum sheet end caps at the alum joiner (If necessary) so that the joint is covered by the alum end cap lock.

11. Secure the Alum end Cap by screw fastening the Alum End Cap Lock to the H Joiner Cover. This will prevent End Cap from falling off due to sheet expansion and contraction.



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