





# PolySun® Installation Instructions

## Important Installation Notes

PolySun should be installed with the UV surface protected side facing the sun. This is the side with the message “**this side to the sun**”. Ensure the labels are removed immediately after installation.

The sheet can be cut with a pair of tin snips, a fine-tooth handsaw or a fine-tooth circular saw with a suitable cut-off blade for plastic. Always wear eye protection when using cutting tools.

Never walk directly on top of PolySun. Use crawling boards placed above the purlins.

## Roof Pitch and Overhang

Ensure the roof pitch is a minimum of 5° (87mm per 1000mm). This will provide correct water run off. If a flatter pitch is required, additional weatherproofing will be required and you should contact your local distributor for advice.

Allow an overhang of 50mm at the roof edge or gutter line. To avoid damage in high wind areas, do not exceed 50mm. For roof laying, start with the lower sheets first.

## Overlapping Sheets

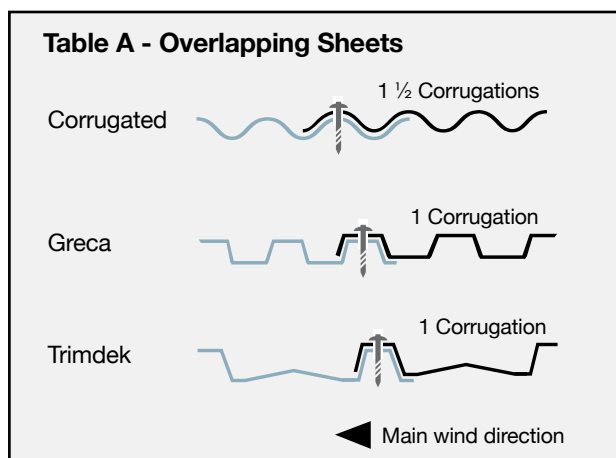
Lengths of PolySun should overlap by 200mm. Side overlaps differ for each profile - refer to Table A below.

## Thermal Movement Allowance

Temperature changes will cause the sheet to expand and contract. Allow at least 10mm clearance when butting against wall or fascia. Ensure a 10mm clearance hole is pre-drilled and fixings are centred.

## Purlin / Batten Spacings

Please refer to Table B below for purlin/batten spacing. Spacings should be reduced to 750mm maximum end spans in areas exposed to high wind.



**Table B - Maximum Purlin Spacings**

Profile	End Span	Mid Span
Corrugated	800mm	1000mm
Greca	900mm	1200mm
Trimdek	900mm	1200mm



## Fixing Screws and Spacings

Screws should be fastened at every corrugation for Trimdek, at every third corrugation for Greca and Corrugated and every second corrugation at gutters, overlaps and ridgings.

Fasten through the crest of the wave for roofing, and through the valley of the wave for walls and fences.

Use only fixing screws that are compatible with polycarbonate sheeting. Use approximately 8 per sqm. Avoid overtightening screws to prevent damage to the sheet. Allow for expansion and contraction while still fixing firmly.

## Sealants and Infills

Foam infills are recommended and available for all profiles and flashing situations. Sealants, especially silicone, are incompatible with polycarbonate. Use the appropriate flashings and infill strips to complete your project and provide weather and vermin proofing. Incorrect sealing will damage the sheet and void the warranty.

## Handling, Cleaning and Care

Avoid chemicals, paint, adhesives and other synthetic materials that are not compatible with polycarbonate sheeting. Store sheets on a flat surface in a well protected area away from direct sunlight. Prevent moisture getting between stored sheets. Sheets can be cleaned with warm soapy water and a soft sponge. This should be done regularly. Take care not to scratch the sheet. Rinse thoroughly.

