

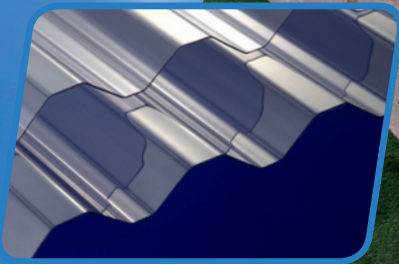


Plastic Sheets

marvecos

Installing PVC sheet on a lean-to canopy

**STEP
BY STEP
INSTALLATION
GUIDELINES**



- *Extensive sheet range*
- *Full range of installation accessories*
- *Easy to handle & install*
- *10 year warranty*



**STEP
BY STEP
INSTALLATION
GUIDELINES**

marvecCS

The brightest ideas in PVC Roofing Sheet

Marvec CS is an economical, lightweight and versatile PVC Roofing Sheet for carports, canopies, awnings, and gazebos. It is easy to cut, drill and install with standard DIY tools and is available in a choice of corrugated profiles, sheet weights and lengths.

Why Marvec CS?

- UV and weather resistant
- Range of profiles and sheet thicknesses
- Tough & durable
- Lightweight & easy to install
- Low maintenance – high gloss surface prevents build-up of moss, algae and fungus
- 10 year warranty*

* Applies to Marvec CS Premium and Marvec CS Hi-Impact sheet

Use for:

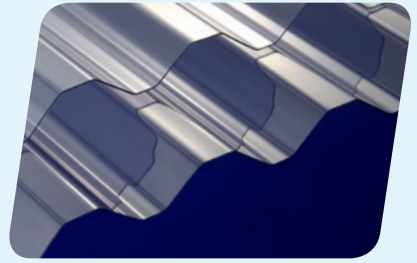
- Porches
- Car ports
- Covered walkways
- Splash barriers
- Cloches and coldframes
- Greenhouses
- Vertical glazing

IMPORTANT
The following instructions are guidelines only. Please ensure to use all of the appropriate equipment in accordance with safety regulations.



PVC Sheet Options

- Extensive range of profiles
- Thicknesses from 0.8mm - 1.5mm
- Clear for maximum light transmission
- Solar controlling tint options
- Embossed surface option for diffused light & privacy glazing
- Choice of three performance grades - standard, premium, hi-impact

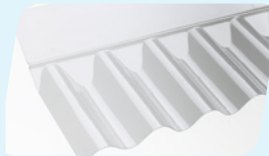


For more information download the Marvec CS Rooflighting & Glazing product brochure from www.brettmartin.com

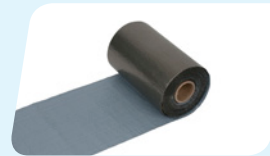
Installation Accessories



Ridge Piece



Wall Flashing



Flashing Tape



Foam Fillers



Fixings



Sealing Strip

For more information on the full range of installation accessories visit www.brettmartin.com

Notes:

Number of sheets required

Divide the roof width by cover width

Number of fixings required

- Divide the roof width by the fixing centres
 - Divide the roof length by the support centres and add 1
 - Multiply those two values together
- = approximate number of fixings required

| Profile | Fixing Centre | 0.8mm | 1.1mm | 1.3mm | Cover Width |
|-----------------|---------------|-------|-------|--------|-------------|
| Mini (M0124) | 120mm | 525mm | - | - | 603mm |
| Iron (M0033) | 152mm | - | 762mm | 900mm | 760mm |
| Greca (M0677) | 152mm | 820mm | 912mm | - | 760mm |
| Big Six (M0006) | 293mm | - | - | 1372mm | 1016mm |

1. Preparation

For a carport or lean too installation you will need:

- Marvec CS PVC Sheet
- Marvec CS Wall Flashing
- Marvec CS Foam Fillers
- Marvec CS Screws, Caps & Washers
- Sealing Strip



A minimum slope of 5° is essential in any structure to ensure water run off: 10° or more is better.



2. Cutting Sheets

Arrange the sheets loosely on the roof, and mark hole positions and any necessary saw cuts with a felt tip pen.

Sheets should overhang the roof by 60mm to allow rainfall to run-off into the gutter and should be wide enough to cover the barge board at the side.

If cutting is required use an angle grinder with a metal slitting blade or fine tooth saw at a shallow angle with light pressure. Support the sheet to minimise vibrations.

A good tip when cutting, is to sandwich the sheet between other sheets with the part to be removed protruding.

If a sheet has to be cut to a finished width, make the cut in the slope of the corrugated sheet.

Avoid drilling and cutting sheets in very cold weather. Warm sheets will be less prone to damage.



3. Drilling Sheets

Pre-drill sheets before fixing. Please note - holes for fixings must be drilled larger than the fixing to allow for expansion. Typically 10mm for a 3m sheet.

Drill sheets singly with a masonry bit, using a low speed drill and light pressure. Support the sheet securely under each hole position when drilling.

There should be at least 5 fixings per support across the width of the sheet.



4. Flashing

Marvec CS wall flashing to match the sheet corrugation is installed at the top of the slope. The Wall Flashing is fixed firmly into position with Butyl wall flashing tape to form a watertight seal between the sheet and the wall.



5. Fixing

Start fixing sheets.

Foam Fillers are used under the sheets at all support positions to prevent roof 'chatter' and to support the sheets when fixed.

Use screws, caps and washers to secure the sheet: the screw is sufficiently tight when the washer under its head can just be rotated with finger and thumb.



6. Joining Sheets (end to end)

If sheets need to be joined end to end, ensure an overlap of at least 150mm for a 10° slope or 300mm for a 5° slope.

Use a strip of Butyl Sealing Tape to prevent dust and dirt getting between the sheets.



Checklist

- Marvec CS can be used in temperature conditions from -20°C to +60°C. Installation and handling should be carried out at temperatures above +5°C
- Any paints or preservatives applied to the supports must be thoroughly dry prior to fixing the sheet to avoid the sheets from becoming damaged.
- It is recommended that any surfaces of supports immediately under the sheet is light in colour or white.
- False ceilings, insulation or any other opaque material must not be placed under the fixed Marvec CS sheets, as the temperature in the gap between these and the sheet could rise to over 60°C, and this could lead to distortion or discolouration.
- Cleaning - Use warm soapy water and a soft cloth or sponge to clean your roof.
- Storage before use: Storage indoors on a flat dry surface in cool surroundings is preferable. When outdoor storage is unavoidable, store flat on wooden bearers spaced at about 1m (3' 3") centres and cover completely with an opaque light coloured tarpaulin. Stacked sheets left uncovered in direct sunlight will distort due to solar heat gain in the stack.



Plastic Sheets

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