

Multiwall Polycarbonate Sheet

General recommendations for use

Please read this sheet before installing your multiwall polycarbonate roof. This advice is based upon the manufacturers' recommendations.

1 Sloped Roofing

When fitting multiwall polycarbonate on a roof a minimum slope of 5° (9 cm/m sheet length) is advised to allow for rainwater drainage. A 10° slope is preferred.

3 Cutting and Blowing

Multiwall polycarbonate can be cut using ordinary circular, hand and hack saws. Saw dust should be blown out of the channels using dry compressed air.

5 Storage

Store sheet horizontally in a flat, dry and shaded place, preferably on a pallet with no unsupported overhangs. Do not store in direct sunlight. Avoid dust and humidity. Do not walk on the sheet or store anything on top of the sheet.

7 Installation

Regardless of the support configuration used on your roof, the sheet should always be installed so that the rib structure channels are sloping downwards. Placing the ribs in any other direction may result in a collapse of the sheet. Ensure the sheet is fitted so that the masking film that indicates the UV protected side faces outwards. Remove all masking film immediately after installation.

9 Cleaning

A regular clean will keep your roof looking good. Wash it with warm soapy water and a cotton (not synthetic) cloth and then rinse off.

2 Cut Panels

When calculating your cut panel size remember to allow clearance for the central element of any glazing system being used and for thermal expansion. Polycarbonate sheet will expand 3mm per liner metre.

4 Sealing Guidelines

To assist drainage, sheet should always be installed with the flutes running in a downward direction. Following cutting and blowing, the open flutes should be sealed with blanking tape at the ridge (upper) and venting tape at the eaves (lower) ends of a panel.

6 Handling

Each sheet is protected on both sides with a masking film. This film should remain on the sheet until installation. Pull it away from the edges before fitting it into the glazing bars/accessories. Do not remove the film with a craft knife.

8 Safety

Never walk on polycarbonate sheet at any time. On roof constructions the sheet should not be used to support a person's weight during installation or cleaning. A temporary wooden beam or other device, supported by the roof members, should always be used when any such access to the roof is required.



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