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Product Catalogue

Polycarbonate



Installation Guide

Step 1

Purlins and Accessories:

1. Ensure that your roof pitch is at least 5°, ie. 88mm rise per lineal metre. This will ensure adequate water will run off.
2. For roofing, purlin/batten spacings should be no more than 1000mm. For curved structures, the maximum radius of 4000 mm for Corrugated and Greca profile and 14000 mm for 5 rib profile.

Step 2

Sheet and Fixings:

1. Ensure that the UV surface protected side faces the sun. This is the side of the label and the inkjet marking. The life of the sheet may be shortened and discolouration may occur if the unprotected side is exposed to the sun.
2. The sheet can be easily cut with a pair of shears, a fine-toothed handsaw or a circular saw with a cut-off blade suitable for plastic.
3. For roof laying, start with the lower sheets first, keeping side laps away from prevailing wind. Allow for an overhang of 50mm. Temperature changes may cause expansion and contraction, so make allowances for thermal movement.
4. Use a 10mm drill for sheets up to 4.2mm long and a 12mm drill for sheets longer than 4.2mm. Fix the sheets through the centre of the pre-drilled holes, perpendicular to the purlins/battens. Only tighten the fixings enough to prevent rattling, over tightening may result in distortion and undue stress.
5. As a guide you will need approximately 7 fixings per lineal metre. This depends on your purlin spacing and wind conditions. In high wind areas fix Corrugated and Greca on every second corrugation on each Purlin/Batten
6. End overlaps should be 150mm for steep pitch or 200mm for shallow pitch.
7. Safety Guidelines
8. Never walk on or apply your load directly to sheet

