

Profiled Sheeting Agrisheet GRP Rooflight Data Sheet

TECHNICAL NOTE

Et-01/01/en/v2

Description:	A translucent, UV stable GRP Profile 6 rooflight.
Nominal weight:	2.4kg/m ² . (8oz/sq. Ft) Approximate thickness is 1.3mm
Glass content	33% minimum
Fragility rating:	Class C to ACR[M]001:2005, when new and fully fixed, and fitted in conjunction with surrounding sheets that achieve the same classification when fitted without rooflights. These sheets also comply with the recommendations for sheets which will achieve non-fragility when new, as laid out in NARM Technical Document 03: 2017.
Fire rating:	SAB to BS 476 Part 3, and Class 3 to BS 476 Part 7
Colour:	Natural translucent
Light transmission:	Typically, 80-85% when new
Light diffusion:	Moderately diffusing
Manufacturing tolerances:	As defined in EN1013: 2012
Main fasteners:	Primary fasteners to be either Topfix fasteners having a 25mm diameter sealing washer, or traditional fasteners fixed through 2mm oversized pre-drilled holes and sealed with Sela washers and caps. Rooflights to be fixed with 6 fasteners per sheet per purlin (every crest corrugation apart from the side laps), supported with rigid profiled fillers.
Side lap stitching:	Secondary fasteners to be grommet type stitch fixings (laplox or similar) at 400mm maximum centres.
Laps:	The lap dimensions for the rooflights should be the same as for the Profile 6 fibre cement sheets. The fasteners should be positioned minimum 50mm down from the top of the lap and minimum 100mm up from the bottom of the lap. End laps should be sealed with 2 strips of 8mm diameter, UV stable, cross linked butyl mastic positioned 25mm each side of the line of fixings. Side laps to be sealed with a single strip of mastic positioned just outside the line of the fixings.
Sizes:	Lengths: 1525, 1675, 1825, 2440, 2750, 2900 & 3050mm. Cover width 1016mm. Overall width 1086mm.

Storage:

Rooflights should be stored on flat timber bearers at 1m centres, preferably inside a building. Sheets stored in the open should be covered with opaque waterproof covers.

Stacks should not be exposed to sunlight and water should not be allowed to penetrate the stacks

Sitework:

If cutting is necessary, use a fine-toothed blade (6-8 teeth/cm). Cut slowly with the blade held at a shallow angle. Support the rooflight close to the cut and avoid creating stress or vibration during cutting.

Holes should be drilled slowly, using a standard metal drill bit. Support the rooflight directly under the drill, apply light pressure and avoid creating stress or vibration.

It is advisable to use weatherproof caps, and washers where possible, that are a distinctly different colour to the fixings for the rest of the roof. Conventionally, poppy red caps are used for rooflights.

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