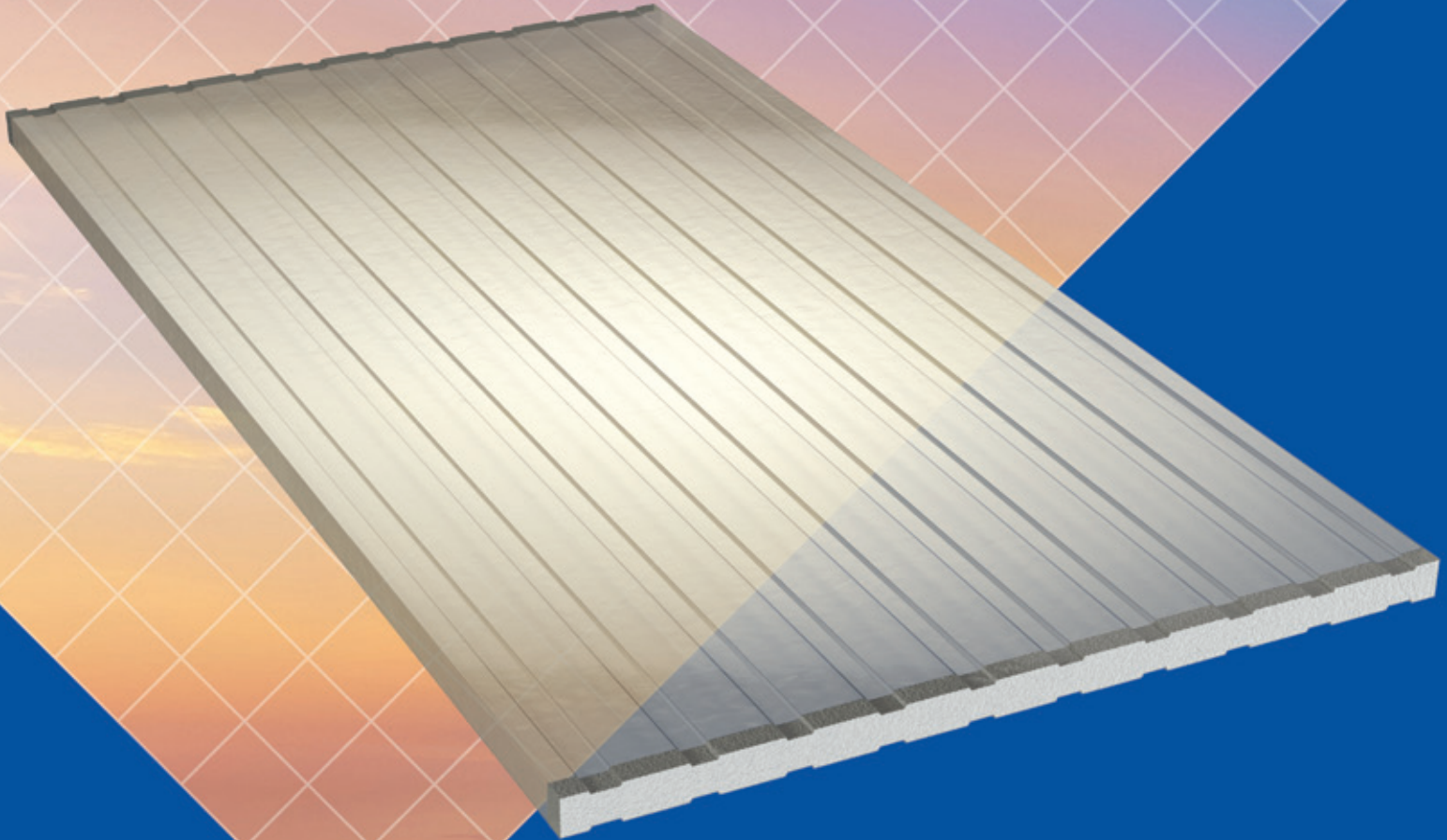




Double Skin GRP Box Rooflights for Internal Linings



- Factory assembled units designed for use with suspended ceilings and purlin linings
- Units provide high light transmission without glare, for excellent working environments and extra insulation below external rooflights
- Box construction gives exceptional strength and rigidity
- Units can be supported by roof purlins or suspended 'T' section ceiling systems
- Compliant with Building Regulations for fire safety

A photograph showing the interior of a building with several FILON rooflights installed. The rooflights are integrated into the ceiling structure, providing natural light to the space below.

FILON[®]

Specification overview

FILON Filites are factory assembled double skin translucent panels manufactured from re-entrant FILON GRP sheets. Available in standard 900mm, 1000mm and 1200mm widths and depths of 30mm, 35mm and 40mm, they are suitable for use with most suspended ceilings, over and under purlin linings.

Excellent light transmission and diffusion

Standard double skin units provide 81% light transmission with good light diffusion to minimise glare.

Excellent thermal insulation

FILON Filites achieve a U-value of 3.0W/m²k to provide excellent supplementary insulation to external rooflights.

High resistance to temperature change

FILON Filites are unaffected by temperature changes from -20°C to 100°C. They will not become brittle at low temperatures and they will not soften, discolour or warp at high temperatures.



Filites installed in a large warehouse to increase light levels

High strength and rigidity

FILON Filites feature specially shaped re-entrant upstands which are bonded to the sheet at each end of the unit. The large bonding surface area between top and bottom panels, gives the units excellent rigidity.

Sizes available

30mm depth:	Up to 1000mm wide; 4000mm long
35mm depth:	Up to 1200mm wide; 4000mm long
40mm depth:	Up to 1000mm wide; 4000mm long

Fire rated grades available

FILON Filites are offered in a range of fire retardant grades, to meet current Building Regulations for fire safety.

From the expert in GRP..

FILON Products, founded in 1957, has extensive experience in the manufacturing of Glass Reinforced Polyester (GRP) by continuous pultrusion to provide profiled and flat sheeting for internal and external use.

The outstanding durability, high strength and low weight of FILON sheeting has resulted in its use for rooflights, roofing and cladding in harsh environments, over-roofing, road sign plate, hygienic cladding, water treatment units and many other applications.

For further information, please contact our Sales or Technical Departments on +44 (0)1543 687300

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