



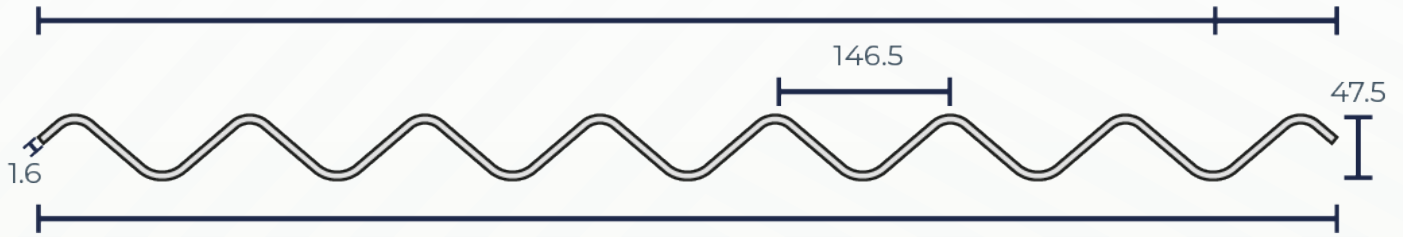
EUROSIX ROOF LIGHT SHEETS

Natural light can be gained very effectively and also benefit the working environment within any building by installing GRP Translucent rooflights.

GRP translucent glass fibre roof lights provides an even spread of natural light within any building and saves on electricity and energy costs by reducing the need for artificial lighting.

We stock EUROSIX profile roof lights that match our Fibre Cement roof sheets, so you can get all you need in the one place!

Technical Specifications



TECHNICAL DATA	
Available Lengths	5' (1524mm) & 10' (3048mm)
Light transmission	90 ± 5 %
Water absorption	≤0,4 Method 2 ISO 62
Overall width	1086mm
Cover width	1016mm
Thickness	1.6mm
Corrugation pitch	146.5mm
Depth of profile	47.6mm
Side lap	70mm
Minimum end lap	150mm
Minimum roof pitch	5°
Fire rating	SAB Class 3
Maximum purlin centres	1375mm
Maximum fixing centres	400mm
Approx weight	2.44kg/m ² GRP 8oz

Please note: Primary fasteners into the purlins should be the same fixings used to fix the roofing sheets to the structure, and then the side lap fixings should be stitching screws. **Red caps must be used to identify that there is a rooflight there.**

Further Technical Details

	PRODUCT CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
PHYSICAL	Thickness	EN 1013 +A1	mm	1,5 ~ 1,6
	Colour	-	RAL, NSC, Customer colour	Natural
	Glass content	1177 / ISO 117	%	35 ~ 37
	Water absorption	ISO 62	Method 2	≤0,4
	Fire proof classification	DIN 4102		B2
	Weight	EN 1013 +A1	g/m ²	2440
	Specific gravity	DIN 53476	g/cm ³	~1,4
	Light transmission	EN 1013 +A1	%	90 ± 5
UV Resist	UV Test	ASTM G - 53	QUV - B	< 10
Mechanical	Tensile strength	ISO 527 - 4-2-2	N/mm ²	56
	Tensile modulus	ISO 527 - 4-2-2	N/mm ²	6250
	Elongation at break	ISO 527 - 4-2-2	%	2.6
	Flexural strength	ISO 14125	N/mm ²	208 ~ 214
	Flexural modulus	ISO 14125	N/mm ²	6100 ~ 7000
	Flexural strain	ISO 14125	%	3,5 ~ 4
	Barcol / Hardness	EN 59	° Barcol	> 35
Thermal Resist	Thermal conductivity	DIN - 51046	W / m.K	0.23
	Coefficient of linear expansion	ISO 11359 - 2	k ⁻¹	30x10-6
	Heat transfer coefficient	DIN 4701	W / m ² k	5.5
	Thermal Resistance			(-40°C between + 120°C)
Chemical Resist	%50 Formic Acid	25°C	Acid solutions	Resistant
	Acetic Acid (all concs.)	25°C		Resistant
	%35 Hydrochloric Acid			Resistant
	%10 - %35 Hydrofluoric Acid			Resistant
	%10 Nitric Acid	25°C		Resistant
	%65 - %100 Nitric Acid	25°C		Non resistant
	%30 - %85 Phosphoric Acid	25°C		Resistant
	%20 Sulphuric Acid	25°C		Limitedly resistant
	%80 Sulphuric Acid	25°C		Non resistant
	%48 Hydrofluoric Acid	25°C	Resistant	
	%10 Ammonium Hydroxide	25°C	Alkali solutions	Non resistant
	%10 Sodium Hydroxide	25°C		Non resistant
	%3 Sodium Hydroxide	25°C		Resistant
Ethyl Alcohol (all concs.)	25°C		Resistant	
Tolerances	Mechanical Results	-	-	± %10
	Unit Heaviness	EN 1013 +A1	%	± %5
	Thickness	EN 1013 +A1	%	± %5
	Width	EN 1013 +A1	mm	± 10 mm
	Length	EN 1013 +A1	mm	for 0-5 m + 15 / - 10 mm

Accessories & Fixings

We offer a complete range of accessories to finish off your roof - and fixings to keep it in place! Contact our team to find out more about any of the items shown below.

ONE-PIECE RIDGES

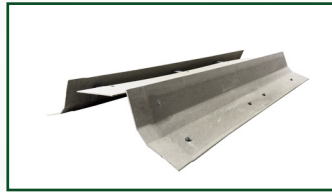


CLOSE FITTING



VENTILATION

SPECIALIST VENTILATION RIDGES



OPEN PROTECTED RIDGE SYSTEM



RAISED "UMBRELLA" STYLE RIDGE

TWO-PIECE RIDGES



CLOSE FITTING



PLAIN WING



VENTILATION

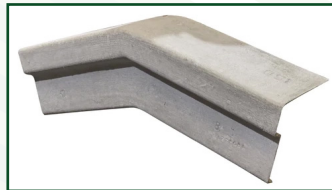
CRANKED BARGE BOARDS



PLAIN WING



ROLLED-TOP



VERGELINE

STRAIGHT BARGE BOARDS



PLAIN WING



ROLLED-TOP



VERGELINE

FINIALS



DIAMOND



DISC



TWO-PART HOODED

FIXINGS



FOR USE WITH WOODEN PURLINS



FOR USE WITH METAL PURLINS

FIBRE CEMENT ROOF SHEETS



BIG 6 PROFILE FIBRE CEMENT ROOF SHEETS