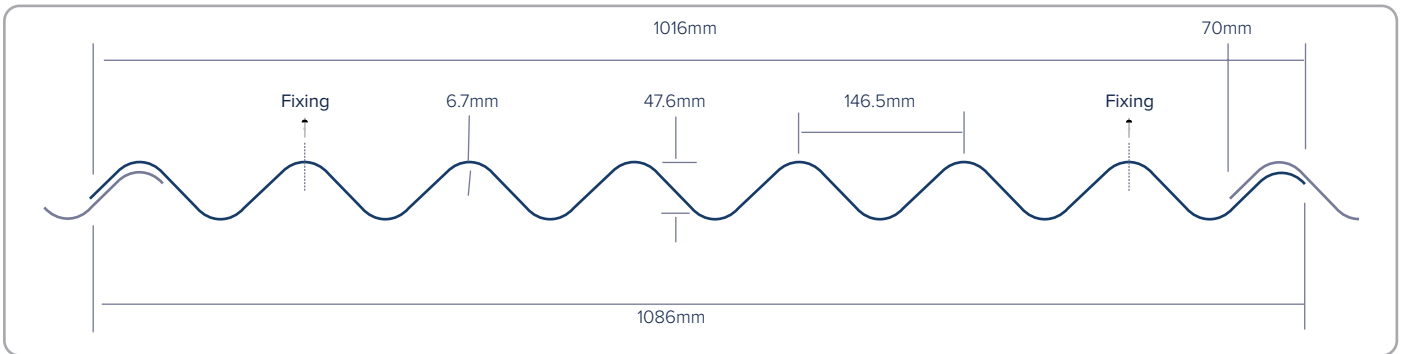


EUROSIX GRP ROOFLIGHT TECHNICAL DATA



	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 Resistant	(-40°C between + 120°C)		

continued...

EUROSIX GRP ROOFLIGHT TECHNICAL DATA

	PRODUCT CHARACTERISTICS	TEST STANDARD	UNIT	VALUE
CHEMICAL RESIST	%50 Formic Acid	25°C	Acid Solutions	Resistant
	Acetic Acid (all concs.)	25°C		Resistant
	%35 Hydrochloric Acid	50°C		Resistant
	%10 - %35 Hydrofluoric Acid	50°C		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

