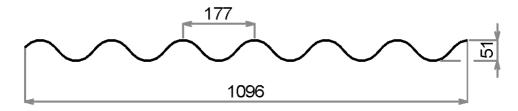


Roofings and insulating systems for the building industry

TECHNICAL DATA SHEET



Straight corrugated sheet R177 produced with polyester resin reinforced with fibreglass, in conformity to the following characteristics and technical norms:

Fibreglass	
≥ 25%	
	± 5%)
Clear (other colors on request)	
According to versions	
1,4 g/cm ³	
-40℃ ÷ +120℃	
ab. 400 ℃	
`	•
0,22 W/mK (ASTM C177)	
220 W/m ² K (1 mm thickness)	
55 ÷ 60 (ASTM D2583)	
2,7 x 10 ⁻⁵ ℃ ⁻¹ (ASTM D696)	
6-7 GPa (ASTM D790)	
See loading chart	
GRP laminates are not altered by the action of the following acids in the listed solutions depending on their concentration and on a testing temperature ranging from 30° to 50° C. Acetic acid $\Rightarrow 10\%$ Sulphuric acid $\Rightarrow 30\%$	
	Ethyl alcohol \Rightarrow 95%
Nitric acid ⇒ 10%	Benzol ⇒ 30%
	≥ 25% 1,300; 1,700; 2,000; 2,800 kg/m² (tolerance: Clear (other colors on request) According to versions 1,4 g/cm³ -40 °C ÷ +120 °C ab. 400 °C The standard GRP (Glassfibre Reinforce inflammable, but, if exposed to a flame they be 0,22 W/mK (ASTM C177) 220 W/m² K (1 mm thickness) 55 ÷ 60 (ASTM D2583) 2,7 x 10⁻⁵ °C⁻¹ (ASTM D696) 6-7 GPa (ASTM D790) See loading chart GRP laminates are not altered by the action solutions depending on their concentration at from 30° to 50° C. Acetic acid ⇒ 10% Chlorohydric acid ⇒ 35%

The choice of building material must fulfill the requirements of the laws in force. The GRP roofing laminates are not walkable. The installation and maintenance must be done respecting the safety rules.

The information contained in this technical data sheet is based on present information and experiences and is correct and precise, as far as we know. The information has no meaning of quality guarantee as the employment conditions are not under our direct control.

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Brianza Plastica S.p.A.