G 96

Glass Fibre Mesh Fabrics

Technical Data Sheet

General Description

Glass fibre mesh fabrics with alkali-resistant surface can be used in wide range of applications.

Range of G mesh fabrics represents the anti-crack solution for screeds. It combines high performance and ease of use. Vertex® grids show 60% better anti-crack performance than metal grids and 50% less opened cracks compared to PP fibers. Grids are easy to handle, cut, store and apply.

Type G 96 was designed for use in liquid screeds with fine particle size.

Properties

- Optimal mechanical tensile strength
- Comfortable and easy application

Technical characteristics

Characteristics	Units	G96		Description
Geometrical Characteristics				
		Warp	Weft	
Treated Fabric Thickness	mm	1,0		Informative value
Square Dimension	mm	25	25	Informative values
Fabric Setting	#strands/1 m	40	40	Informative values
Cross-sectional area of glass	mm^2/strand	0,49	0,45	Informative values
Loom State Fabric Weight	g/m²	96		Informative value
Treated Fabric Weight	g/m²	130		Individual value, minimum
Standard Width (1)	cm	100		Individual value
Roll Length (1)	m	50		Individual value
Mechanical Characteristics				
Initial Tensile Strength	kN/m	25	20	Individual value, minimum
	N/strand	625	500	Individual value, minimum
	MPa	1250	1250	Informative value
3 ions solution (ETAG)	kN/m	17	13	Individual value, minimum
	%	50	50	Individual value, minimum
Elongation at Rapture	%	3		Informative value
Elastic Modulus - E	GPa	60		Informative value
Chemical / Physical Characteristics				
Coating Type	Alkali-resistant			
Glass Type	E - glass			

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Technical Data Sheet N° 3
Last update: 05/03/2014

(1) Other dimension on request