

## 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 120 was designed for use in traditional dry screeds or in screeds with bigger particle size (up to 7 mm) where the more open mesh structure is desirable.

#### Technical characteristics

Characteristics	Units	G120		Description
<b>Geometrical Characteristics</b>				
		Warp	Weft	
Treated Fabric Thickness	mm	1,1		Informative value
Square Dimension	mm	40	40	Informative values
Fabric Setting	#strands/1 m	25	25	Informative values
Cross-sectional area of glass	mm <sup>2</sup> /strand	0,96	0,98	Informative values
Loom State Fabric Weight	g/m <sup>2</sup>	120		Informative value
Treated Fabric Weight	g/m <sup>2</sup>	145		Individual value, minimum
Standard Width (1)	cm	100		Individual value
Roll Length (1)	m	50		Individual value
<b>Mechanical Characteristics</b>				
Initial Tensile Strength	kN/m	30	30	Individual value, minimum
	N/strand	1200	1200	Individual value, minimum
	MPa	1250	1250	Informative value
3 ions solution (ETAG)	kN/m	20	20	Individual value, minimum
	%	50	50	Individual value, minimum
Elongation at Rapture	%	3		Informative value
Elastic Modulus - E	GPa	60		Informative value
<b>Chemical / Physical Characteristics</b>				
Coating Type	Alkali-resistant			
Glass Type	E - glass			

(1) Other dimension on request

#### Properties

- Optimal mechanical tensile strength
- Comfortable and easy application



Edited by:  
**ADFORS Construction Products Europe**

SAINT-GOBAIN ADFORS CZ s.r.o.  
Sokolovska 106  
CZ – 570 21 Litomyšl  
Tel: + 420 461 651 111  
Fax: + 420 461 612 769  
[www.sg-adfors.com](http://www.sg-adfors.com)

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