

Glass Fibre Mesh Fabrics

General Description

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

Range of mesh fabrics ADFORS Vertex[®] grids represents the anti-crack solution for screeds. It combines high performance and ease of use. ADFORS Vertex[®] grids show 60 % better anti-crack performance than metal grids and 50 % less opened cracks compared to PP fibers.

ADFORS Vertex[®] Grid ensures the stability of the screed even after the first crack. It allows the screed to absorb more energy during deformation.

ADFORS Vertex[®] Grids are easy to handle, store and transport.

Type G 120 was designed for use in traditional dry screeds with particle size up to 7 mm.

Technical characteristics

Characteristics	Units	G 120		Description
Geometrical Characteristics				
		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 ² /strand	0,96	0,98	Informative values
Loom State Fabric Weight	g/m ²	120		Informative value
Treated Fabric Weight	g/m ²	145		Individual value, min.
Standard Width (1)	cm	100		Individual value
Roll Length (1)	m	50		Individual value
Mechanical Characteristics				
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
Chemical / Physical Characteristics				
Coating Type	Alkali-resistant			
Glass Type	E - glass			

(1) Other dimension on request

Technical Data Sheet

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

ADFORS Construction Products Europe reserves the right to change the information given herein without prior notice

Technical Data Sheet N° 1
Last update: 14/06/2016