

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

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