

R 85 A101

General description

Glass fibre mesh fabrics combined with specially designed mesh surface treatments can be used in a wide range of applications.

We offer R 85 fabrics as an effective, customized solution for the prevention of cracks that form in render or reinforcement layer of external facades which are induced by construction techniques or temperature changes. It can also be used for a wide range of repair application, for example to bridge / cover any existing damage to wall surface.

Technical characteristics

Works Standard: 0326 Glass Fibre Mesh Fabrics

Characteristics	Units Description	R 85 A101	
		Warp	Weft
Material Linear Density	tex	272	408
Setting	per 100 mm	9 x 2	9
Weave		half leno	
Standard Width (1)	cm individual value	100	
Roll Length (1)	m individual value	50	
Treated Fabric Thickness	mm informative value	0,75	
Loom state Fabric Weight	g/m ² informative value	85	
Treated Fabric Weight	g/m ² individual value, minimum	110	
Combustible Matter Content (LOI)	% of mass individual value	23	
Treatment type		alkaliresistant without emollient, obstructing yarn drifting	
Square Dimension	mm informative value	10 x 10	

(1) Other dimension on request

Tensile strength (TS) and elongation:

Minimum individual tensile strength (N/50 mm) and maximum elongation (%) when reaching minimum tensile strength is ascertained according DIN EN ISO 13934-1 as per below.

	Tensile Strength		Elongation
	Nominal value	Individual value	Average value
Standard condition	1700 / 1400	1600 / 1300	3,5 / 4,0
5 % NaOH Solution	1100 / 800	950 / 700	4,0 / 4,0
Fast Test	1200 / 900	1000 / 750	4,0 / 4,0

Tolerances:

Setting: ± 5 % in warp and weft
 Width: ± 1 %
 Length: ± 2 %
 LOI: ± 4 %

Quality inspection:

The way of quality inspection, taking of the samples and taking over of the material, is according to 0326 works standard.

Packing:

The rolls of fabrics are packed vertically in cardboard, on a wooden pallet.
 A precise method of packing is mentioned in the works standard for packing

Storing:

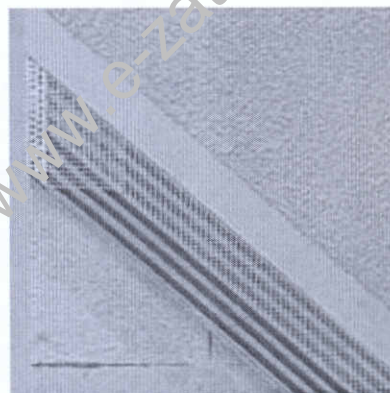
Packed rolls are to be stored in dry rooms. Storing temperature is from -10°C to + 50°C.

Glass Fibre Mesh Fabrics

Technical Data Sheet

Properties

- Compatible with all types of rendering systems
- High dimensional stability
- Reliable reinforcement for external facades



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