

### General Description

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

Mesh R 131 is mainly used as one component of external thermal insulation systems. A high quality synthetic coating on the glass yarn protects our mesh against alkaline influences from the adhesives and other materials that are used.

### Technical characteristics

Works Standard: 0326 Glass Fibre Mesh Fabrics

Characteristics	Units Description	R 131 A101	
		Warp	Weft
Square Dimension	mm / informative value	3,5	3,8
Standard Width (1)	cm / individual value	100 or 110	
Roll Length (1)	m / individual value	50	
Treated Fabric Thickness	mm / informative value	0,52	
Loom state Fabric Weight	g/m <sup>2</sup> / informative value	131	
Treated Fabric Weight	g/m <sup>2</sup> individual value, minimum	160	
Treatment type	alkaliresistant without emollient, obstructing yarn drifting		

(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	2200 / 2200	1900 / 1900	3,8 / 3,8
Fast Test (6 hours)	1700 / 1700	1250 / 1250	3,5 / 3,5
Fast Test (24 hours)		50 % / 50 %	
3 ions solution (ETAG 004)		1000 / 1000	
		50 % / 50 %	

### Additional Information

- 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

### Technical Data Sheet

#### Properties

- High mechanical strength
- Excellent dimensional stability
- Compatible with all major facade systems



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