

R 131 A101

General description

Glass fibre 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
Setting	per 100 mm	25 x 2	20,5
Weave		half leno	
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 ² informative value	131	
Treated Fabric Weight	g/m ² individual value, minimum	160	
Combustible Matter Content (LOI)	% of mass individual value	20	
Treatment type		alkaliresistant without emollient, obstructing yarn drifting	
Square Dimension	mm informative value	3,5 x 3,8	

(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	2000 / 2200	1900 / 1900	3,8 / 3,8
5 % NaOH Solution	1300 / 1400	1200 / 1200	3,5 / 3,5
Fast Test	1500 / 1700	1250 / 1250	3,5 / 3,5
3 iont solution (ETAG 004)		1000 / 1000 50 % / 50 %	

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:

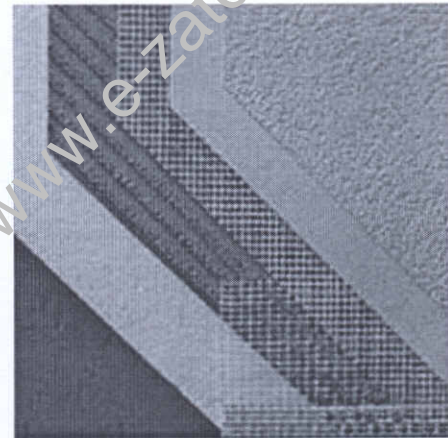
Packed rolls are to be stored in dry rooms. Storing temperature is from -10°C to + 50°C.

Glass Fibre Mesh Fabrics

Technical Data Sheet

Properties

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



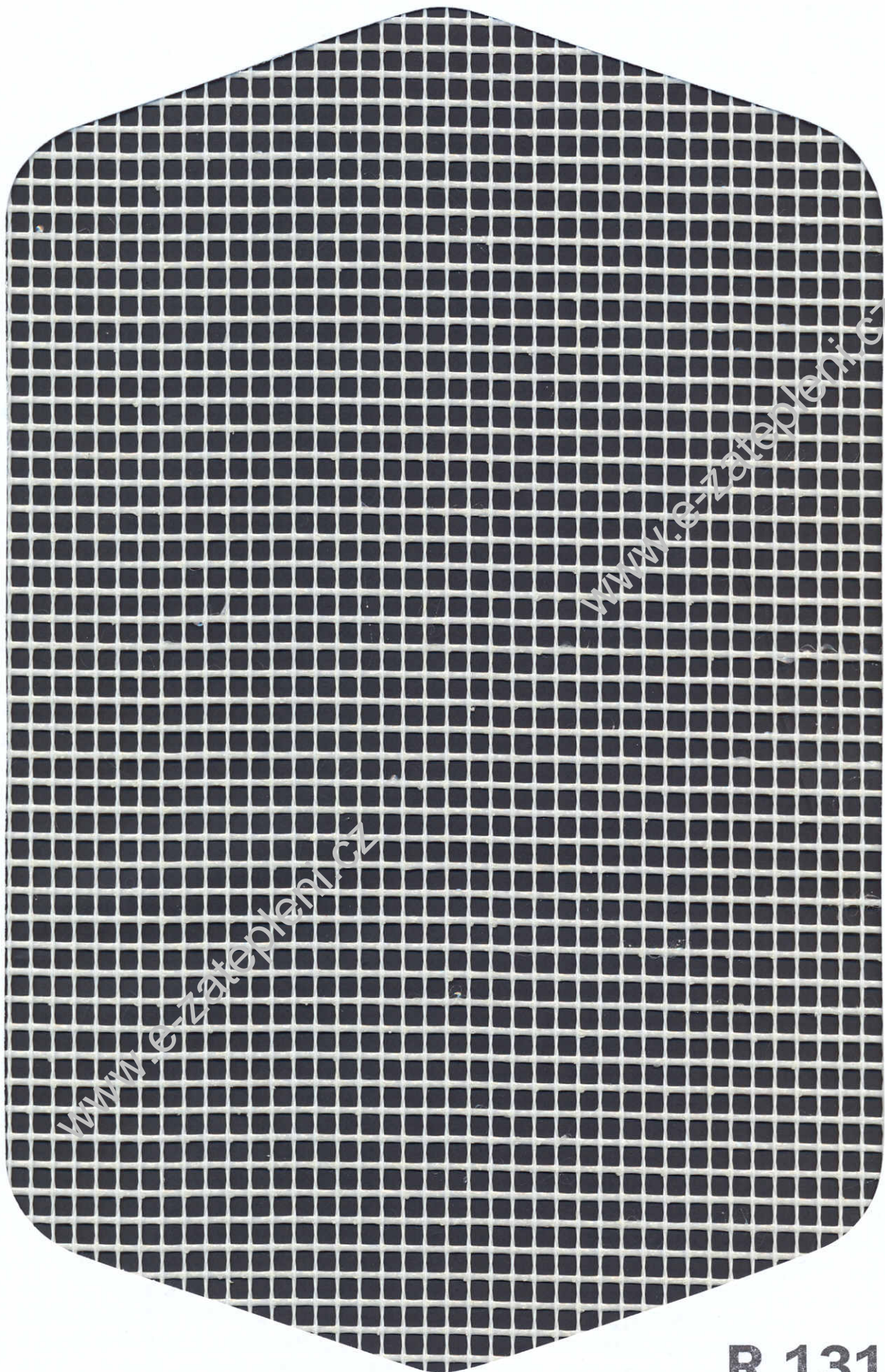
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