

R 117 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 117 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 117 A101	
		Warp	Weft
Setting	per 100 mm	21 x 2	17,5
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	0,50	
Loom state Fabric Weight	g/m ² informative value	117	
Treated Fabric Weight	g/m ² individual value, minimum	145	
Combustible Matter Content (LOI)	% of mass individual value	20	
Treatment type		alkaliresistant without emollient, obstructing yarn drifting	
Square Dimension	mm informative value	4,0 x 4,5	

(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	2100 / 2200	1900 / 1800	3,8 / 3,8
5 % NaOH Solution	1300 / 1350	1000 / 900	3,5 / 3,5
Fast Test	1500 / 1600	1100 / 1000	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:

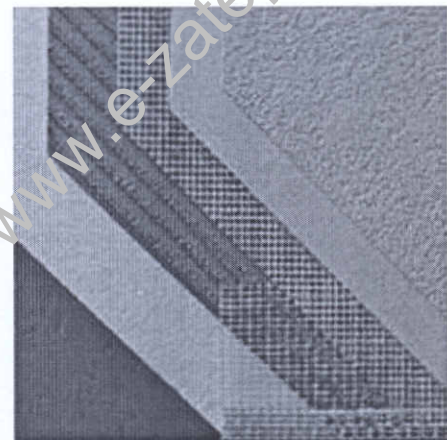
Packed rolls are to be stored in dry rooms. Storing temperature is from -10°C to + 50°C.

Glass Fibre Mesh Fabrics

Technical Data Sheet

Properties

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



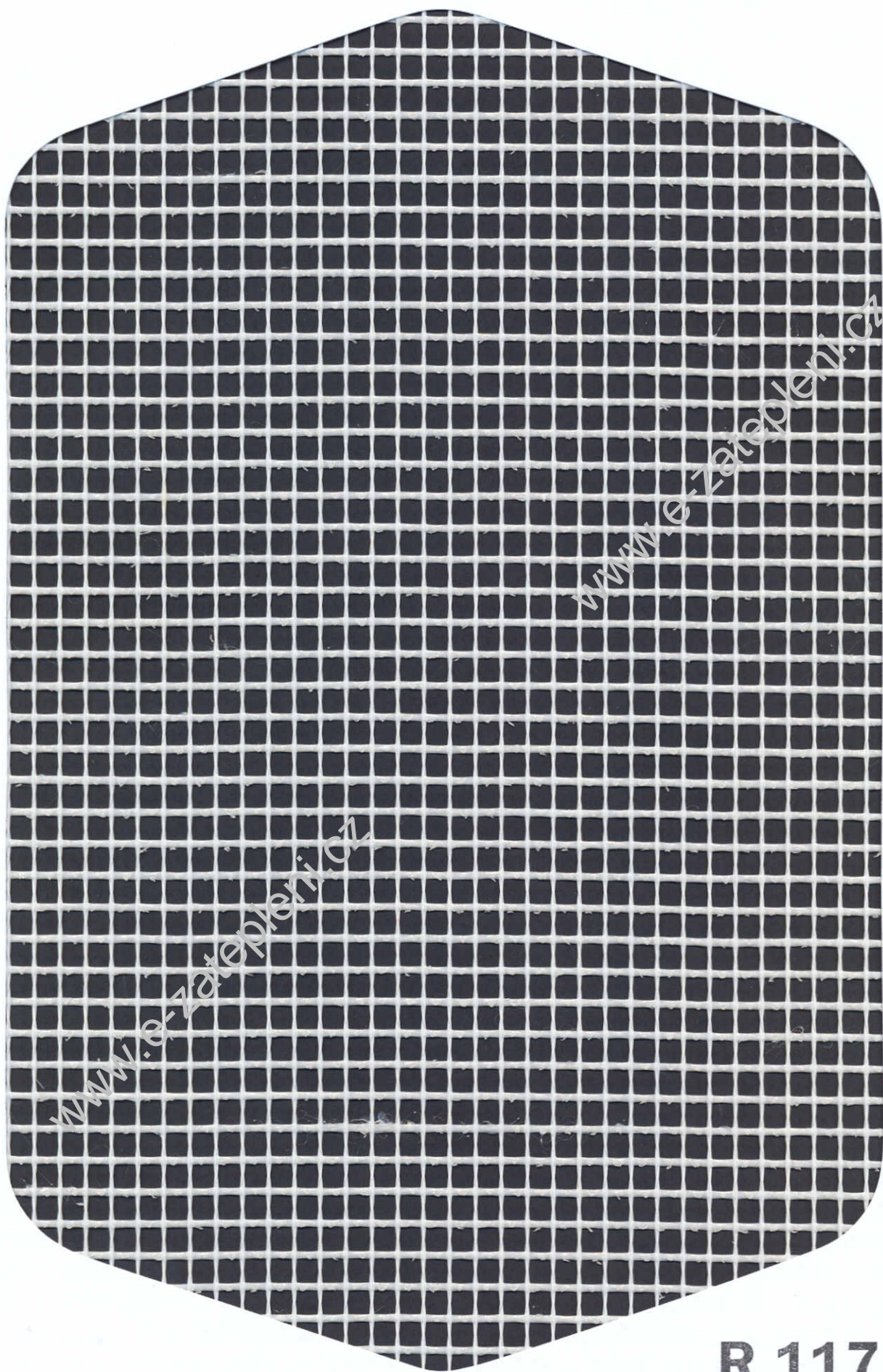
Edited by:

Saint-Gobain Technical Fabrics Europe

Saint-Gobain Vertex, s.r.o.
Sokolovska 106
CZ - 570 21 Litomyšl
Tel: + 420 461 651 111
Fax: + 420 461 612 769
www.sgtf.eu

SGTF Europe reserves the right to change the information given herein without prior notice (3. Edition-20.3.2008)

Technical Data Sheet n° 8



www.e-zatepleni.cz

www.e-zatepleni.cz

R 117