

## Vertex R-117 (145g) fiberglass mesh

Product:	Vertex R-117 (145g) fiberglass mesh	
Supplier:	MASTERPLAST Kft., 8143 Sárszentmihály, Árpád u. 1/a (www.masterplastgroup.com)	
Size, packaging:	1,1m*50fm - 50m <sup>2</sup> /roll	
Application:	Strengthening mesh for external thermal insulation systems and reinforcement of internal cement plaster and plastic waterproofing.	
Material:	"E" glass; treatment: alkaliresistant without emollient, obstructing yarn drifting	

Properties	Relevant standards	Technical data
Length	Manufacturer's declared value (MDV)	50m (±2%)
Width	MDV	1,1m (±1%)
Thickness	MDV	min. 0,42mm
Square dimension	MDV	4mm×4mm
Loomstate fabric weight	MDV	min. 117g/m <sup>2</sup>
Treated fabric weight	MDV	min. 145g/m <sup>2</sup>
Combustible matter content	MDV	20%
Setting per 10 cm	MDV	wrap: 22×2, weft: 22
Tensile strength (warp/weft)	ETAG 004	2200N/5cm / 2000N/5cm
Elongation (warp/weft)	ETAG 004	(on average) 3,8% / 4,1%
Tensile strength after aging (warp/weft)	ETAG 004	1500N/5cm / 1200N/5cm
Elongation (warp/weft)	ETAG 004	(on average) 2,5% / 2,3%

#### Storage and handling

Packed rolls are to be stored in dry rooms, protect against UV and heat, practically packed in plastic foil, vertically in cardboard box, on a wooden pallet. The temperature of storing is from -10C to +50C.

#### Guarantee, warranty

In accordance with the current legislations and the conditions of the distributor. The observation of the application rules of the product and presentation of the invoice constitute a prerequisite for possible future warranty claims.

#### Standards, specifications

ETAG 004, MSZ EN 13499:2004; Application guidance of Thermomaster A-02 ETICS (Masterplast Group Zrt.)

#### Health and safety

No labelling required in accordance with the relevant regulation (EC) No. 1907/2006 of the European Parliament and of the Council (REACH).

This datasheet corresponds the current knowledge on the subject, but may be revised as new knowledge and/or experience becomes available. The product possesses the given technical characteristics. Since all variations of end-using of the product can not be anticipated, the designer/end-user's responsibility to make sure of the suitability of this product for particular purposes, structures.

**\*This technical datasheet is applied to products sold by Masterplast Kft., after 01st January 2010. and valid until withdrawal or until modification.** Since this datasheet may be subject to revision, it is the responsibility of designer/end-user to make sure of possessing the latest version of the datasheet (\*see date of issuing). Most recent version of this datasheet can be also accessed under [www.masterplastgroup.com](http://www.masterplastgroup.com).