




TERRA

Technical datasheet

Fiberglass mesh

Terra 160/4x5

Product:	Terra 160/4x5	
Supplier:	ICS Terra Impex SRL (www.terra-impex.com)	
Size, packaging:	1m*50fm – 50m ² /roll	
Application:	Strengthening mesh for external thermal insulation systems and reinforcement of internal cement plaster and plastic waterproofing	
Material:	E-glass; treatment alkali-resistant without emolient	

Properties	Relevant standards	Technical data
Length	Manufacturer's declared value (MDV)	50m(±2%)
Width	(MDV)	1m (±1%)
Thickness	(MDV)	Min 0,42mm
Square dimension	(MDV)	4mm x 5mm (±0,5mm)
Loomstate fabric weight	(MDV)	Min 121g/m ²
Treated fabric weight	(MDV)	Min 160g/m ²
Combustible mater content	(MDV)	20% (±2%)
Setting per 10cm	(MDV)	Warp: 24x2, weft: 20
Tensile strength (warp/weft)	ETAG 004	2000N/5cm / 2400N/5cm
Elongation (warp/weft)	ETAG 004	(on average) 3,7%/3,56%
Tensile strength after aging (warp/weft)	ETAG 004	1300N/5cm / 1600N/5cm
Elongation (warp/weft)	ETAG 004	(on average) 2,7%/2,9%

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, EN 13499:2004;

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.

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