TECHNICAL DATASHEET

E132L

CE 21

ETA 16/0068

Product:	E132L Fiberglass mesh
Supplier:	MASTERPLAST International Kft., 8143 Sárszentmihály, Árpád u. 1/a. (www.masterplastinternational.com)
Size, packaging:	1 m × 50 m/roll (or customized for customer's request)
Application:	Reinforcing glass fibre mesh for external thermal insulation systems (ETICS). The fiberlass mesh must be embedded with 10 cm overlapping, moving continually from up to down and from inside to outside in the base coat applied on the whole surface by 10 mm notched trowel, then smoothing it so that the reinforcing mesh positioned in the middle (by EPS) or in the outer third (by MW) of the base coat layer and covered completely.
Material:	Glass fibre, with alkali-resistant and fibre-fixing coating.



Properties	Relevant standards	Technical data
Length	Manufacturer's declared value (MDV)	50 m (±1 %)
Width	EAD 040016-01-0404, 2.2.5	100 cm (±1 %)
Mesh size (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.4	(5,1 × 4,2) ±0,5 mm
Mesh opening (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.4	(3,9 × 3,8) ±0,5 mm
Weaving accuracy	EAD 040016-01-0404, 2.2.6	pass
Treated fabric weight	EAD 040016-01-0404, 2.2.8	160 g/m^2 (±5 %)
Thickness	EAD 040016-01-0404, 2.2.9	0,43 (±0,02) mm
Reaction to fire	EAD 040016-01-0404, 2.2.1, EN 13501-1	NPD
Organic content	EAD 040016-01-0404, 2.2.2	20% (±4 %)
Average calorific value	EAD 040016-00-0404, 2.2.3, EN ISO 1716	6,61 MJ/kg; 1,05 MJ/m^2
Average tensile strength (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.7 (ETAG 004, 5.6.7.1.1)	>2000 N/5cm / >2000 N/5cm
Elongation (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.7 (ETAG 004, 5.6.7.1.1)	< 4,5 % / < 4,5 %
Average tensile strength after ageing (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.7 (ETAG 004, 5.6.7.1.2)	> 1000 N/5cm / > 1000 N/5cm min 50% / min 50%
Elongation after ageing (MD/CMD - warp/weft)	EAD 040016-01-0404, 2.2.7 (ETAG 004, 5.6.7.1.2)	< 3,5 % / < 3,5 %

Storage and handling

Packed rolls are to be stored in dry rooms, protected against UV and heat, practically packed in plastic foil, vertically in cardboard box, on a wooden pallet. The temperature of storing shall be between 0°C and (+)30°C.

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

ETA 16/0068 (EAD 040016-01-0404 - Glass fibre mesh for reinforcement of cementitious or cement based renderings)
Taking into consideration of the relevant national instructions, application guidelines.

Health and safety

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

This datasheet corresponds to our current knowledge, experiences and general informations on the subject, but may be revised as new knowledge and/or experience becomes available. It does not imply any legally binding assurance. 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. The manufacturer supposes essential technical skill and skillfull application during construction.

This technical datasheet is applied to products sold by Masterplast International Kft. 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.masterplastinternational.com. Herewith the previously issued versions of this datasheets lose their validity and must be replaced by this version!