

SAFETY DATA SHEET

Walther Strong Alkamaxx Rendermesh

**WALTHER
STRONG®**

Application: Reinforcing glass fibre mesh for external thermal insulation systems (ETICS). The fibreglass 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 10mm 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.



**1m x 10/20/25
/50m/roll**

160g/m²

**UK
CA**

Properties / Relevant Standards

Length Manufacturer's declared value (MDV)

Width EAD 040016-00-0404, 2.2.5

Mesh size (MD/CMD - warp/weft) EAD 040016-00-0404, 2.2.4

Mesh opening (MD/CMD - warp/weft) EAD 040016-00-0404, 2.2.4

Weaving accuracy EAD 040016-00-0404, 2.2.6

Treated fabric weight EAD 040016-00-0404, 2.2.8

Thickness EAD 040016-00-0404, 2.2.9

Reaction to fire EAD 040016-00-0404, 2.2.1, EN 13501-1

Organic content EAD 040016-00-0404, 2.2.2

Average calorific value EAD 040016-00-0404, 2.2.3, EN ISO 1716

Average tensile strength (MD/CMD - warp/EAD 040016-00-0404, 2.2.7 (ETAG 004, weft) 5.6.7.1.1)

Elongation (MD/CMD - warp/weft) EAD 040016-00-0404, 2.2.7 (ETAG 004, 5.6.7.1.1)

Average tensile strength after ageing (MD/EAD 040016-00-0404, 2.2.7 (ETAG 004, CMD - warp/weft) 5.6.7.1.2)

Elongation after ageing (MD/CMD - warp/EAD 040016-00-0404, 2.2.7 (ETAG 004, weft) 5.6.7.1.2)

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 (-)10 °C and (+)40 °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 040016-00-0404 - Glass fibre mesh for reinforcement of 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.

Technical Data

50 m (±1%)

100cm (±1%)

(5, 1 x 4,2) ±0,5 mm

(3,9 x 3,8) ±0,5 mm

pass

160 g/m² (±5%)

0,43 (±0,02) mm

NPD

20% (±4%)

6,61 MJ/kg; 1,05 MJ/m²

2010 N/5 cm / >2010 N/5 cm

< 4,5 % / < 4,5 %

< 1010 N/5 cm / > 1010 N/5 cm min 50% / min 50%

< 3,5% I < 3,5%



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 skillful application during construction.

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