

ARMATEX C1-R

Technical Information Sheet - Issue 02/2022



Reinforcement mesh for ETICS external thermal insulation systems and reinforced skim coats.

DESCRIPTION

Reinforced glass fibre mesh with special anti-alkaline treatment for ETICS systems, with certificate of conformity in accordance with EAD 040016-00-0404. Certified as an integral component of external thermal insulation systems.

Used in external thermal insulation systems as reinforcement for the skim coat in order to absorb and evenly distribute the mechanical stress to which the system may be subjected. Specifically for building plinth areas and/or where particular mechanical resistance is required. Resistant in both weft and warp. Impact resistance achieved in the external thermal insulation system: 10 Joules.

TECHNICAL SPECIFICATIONS

- Unravel-proof
- High tensile strength in both weft and warp
- Resistant to alkalis
- Free of plasticisers
- Also suitable for filling fissures
- Good adhesion
- Edge marked to facilitate overlapping and proper application

ROLL SIZE and COLOUR

HEIGHT 1.0 m - LENGTH 25 m

COLOUR: Yellow or grey

TECHNICAL DATA	Nominal value	Tolerance	Reference standard
Weight of fabric	350 g/m ²	± 10%	EAD 040016-00-0404
Weight of raw fabric	326 g/m ²	± 10%	
Organic content	15-20%	± 4%	
Mesh size			
Colour - yellow	4.0 x 4.0 mm	± 0.5 mm	
Colour - grey	(5.0 x 5.0) x (1.2 x 5) mm	± 5%	
Average thickness of sized fabric	0.80 mm	± 10%	
Elongation at break of weft/warp	4.5/4.0%	± 5%	
Tensile strength - weft/warp standard conditions	4500/3500 N/5 cm	± 5%	
Tensile strength and elongation after alkaline conditioning	> 50% of the strength of the standard sample - unconditioned		

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STORAGE

- Keep dry and protect from humidity and UV rays (sunlight, light).
- Storage temperature from -10°C to +50°C. Storage period: at least 12 months.

NOTES

The glass fibre reinforcement mesh must be completely embedded in the layer of skimming mortar applied to the insulation panels. Unroll the rolls of mesh from top to bottom and embed them using a trowel or spatula, making sure that they overlap by at least 10 cm, avoiding the formation of blisters and creases.

CERTIFICATIONS/CLASSIFICATIONS



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