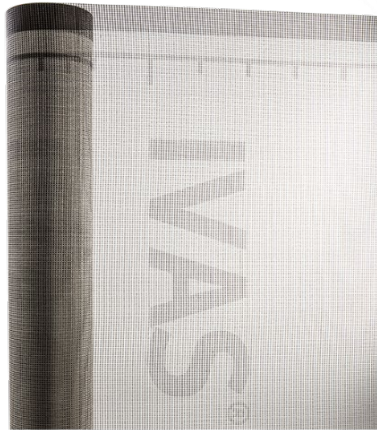


# ARMATEX C1

Technical Information Sheet - Issue 02/2022



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

## DESCRIPTION

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.

Suitable for embedding in the Klebocem range of skim coats, with squared pattern overlaps to facilitate proper application. Resistant in both weft and warp.

## 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 1.1 m and 1,0 m- LENGTH 50 m

COLOUR: Grey, white

TECHNICAL DATA	Nominal value	Tolerance	Reference standard
Mass per unit area	160 g/m <sup>2</sup>	± 10%	EAD 040016-00-0404
Organic content	20	± 4%	
Mesh size	3,5 x 3,8 mm <sup>1</sup>	± 5 mm	
	4,5 x 4,7 mm <sup>1</sup>		
	3,7 x 4,0 mm <sup>2</sup>		
Thickness of sized fabric	0.50 mm	± 8%	
Tensile strength - weft and warp standard conditions	2200 N/5 cm	± 5%	
Initial tensile strength - weft and warp initial conditions (after 6h)	1700 N/5 cm	± 5%	
Elongation at break in weft and warp	5%	-	
Residual tensile strength after ageing with 3 alkaline ions	> 50% of the initial value and in any case greater than 20 N/mm		

<sup>1</sup> For rolls with height 1,1m

<sup>2</sup> For rolls with height 1,0m

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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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