MARMOLINE
ADVANCED BUILDING MATERIALS

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FIBERGLASS MESH 330

Alkali-Resistant Fiberglass Mesh 330 g/m²

DESCRIPTION

High-strength fiberglass mesh reinforcement (330 g/m²), is specially designed to reinforce the base coat layer in MONOSIS ANTICRASH system.

Due to its alkali-resistant protection and the superior strength it provides, it reinforces the system against mechanical stresses and prevents surface cracking.

It meets the requirements of EAD 040016-01-0404 and is an ideal solution for buildings with high impact-resistance requirements, such as schools, hospitals and hotels.

FIELDS OF APPLICATION

FIBERGLASS MESH 330 is suitable for installation as a second reinforcing mesh (after the application of Fiberglass Mesh Monosis 160) in MARMOLINE MONOSIS ANTICRASH external thermal insulation systems, in applications where significant accidental surface stresses due to impacts are expected.

CHARACTERISTICS/ ADVANTAGES

- Very high mechanical strength
- Alkali resistant
- Coated with a layer of SBR (styrene butadiene)
- Durable
- Dramatically increases the performance of the MARMOLINE MONOSIS ANTICRASH system.

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PRODUCT INFORMATION

Composition	Alkali-resistant glass mesh for mortar/coating reinforcement
Color	White
Packaging	• 25 m²/roll • 45 rolls/box (pallet) • 2250 m²/box (pallet)
Storage conditions	It is recommended to store in a clean, dry place, at temperatures between -5°C and 30°C, protected from frost, direct radiation from any heat source or direct sunlight. The rolls should be placed vertically during storage and transport.

TECHNICAL CHARACTERISTICS

Weight	330 g/m^2 (± 5%)	(EAD 040016-01-0404)
Length	25 m ± 0.5 %	
Width	1 m ± 1 %	
Mesh opening (warp/weft)	4 x 6 ± 0.5 mm	
Minimum tensile strength (warp/weft)	2000 /3000 N/5cm	
Minimum tensile strength after alkali conditioning (warp/weft)	1500 /2500 N/5cm	
Maximum elongation (warp/weft)	3.5 / 3.5 %	
Maximum elongation after alkali conditioning (warp/weft)	1.9 / 2.2 %	
Reaction to fire	F	

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APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The substrate must be stable, solid, dry and free of dust, loosely adhering particles and all kinds of contaminants.

APPLICATION

Once the first layer has dried (where the Fiberglass Mesh Monosis 160 has already been embedded), proceed with the application of the second coat.

Use a notched trowel (8-10 mm) to ensure a uniform thickness of 4-5 mm. Embed the reinforced fiberglass mesh FIBERGLASS MESH 330 into the fresh mortar, unrolling it vertically. With the smooth side of the trowel, press the mesh until it is fully embedded and cover it with a thin layer of material, ensuring that it is in the middle of the application thickness. Maintain an overlap of 10 cm between the rolls for optimal stress distribution.

TOOLS CLEANING

With plenty of water immediately after use. Hardened and/or cured material can only be removed by mechanically means.

LEGAL NOTES

The technical characteristics referred to in this data sheet are provided exclusively on the basis of information and declarations supplied by the product manufacturer.

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