

# MARMOLINE FIBERGLASS MESH 110

## Alkali-Resistant Fiberglass Mesh 110 g/m<sup>2</sup>

### DESCRIPTION

The alkali-resistant fiberglass reinforcing mesh Marmoline Fiberglass Mesh 110 is used to reinforce the base layer of renders /plasters.

It has a weight of 110 g/m<sup>2</sup> and a large mesh size, and due to its high flexibility it exhibits excellent performance under expansion and contraction movements. It protects the surface from cracking, ensuring a flawless final result.

### FIELDS OF APPLICATION

Marmoline Fiberglass Mesh 110 is specially designed for the reinforcement of mineral renders /plasters.

In addition, Marmoline Fiberglass Mesh 110 is used for reinforcing cement-based mortars and can be applied over the entire surface or locally at masonry connections (with floors or other masonry), at junctions between different materials, as well as for reinforcing local repair areas.

### CHARACTERISTICS/ ADVANTAGES

- Excellent workability – particularly flexible
- High mechanical strength
- Resistant to alkalis
- Coated with a layer of SBR (styrene butadiene)
- Durable
- Reinforcement of renders/plasters, especially when applied in greater thicknesses.

## PRODUCT INFORMATION

<b>Composition</b>	Alkali-resistant glass mesh for mortar/coating reinforcement
<b>Color</b>	White, with black Marmoline logo and black line, 10 cm from the edge of the glass mesh
<b>Packaging</b>	<ul style="list-style-type: none"> <li>• 50 m<sup>2</sup>/roll</li> <li>• 33 rolls/box</li> <li>• 1650 m<sup>2</sup>/box</li> </ul>
<b>Storage conditions</b>	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

<b>Weight</b>	110 g/m <sup>2</sup> (± 5%)	
<b>Length</b>	50 m ± 0.5 %	
<b>Width</b>	1 m ± 1 %	
<b>Mesh opening (warp/weft)</b>	9 x 9 ± 0.5 mm	
<b>Minimum tensile strength (warp/weft)</b>	1200 /800 N/5cm	
<b>Minimum tensile strength after alkali conditioning (warp/weft)</b>	600 /400 N/5cm	(EAD 040016-01-0404)
<b>Maximum elongation (warp/weft)</b>	3.0 / 3.0 %	
<b>Maximum elongation after alkali conditioning (warp/weft)</b>	2.0 / 2.2 %	
<b>Reaction to fire</b>	F	

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

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

### APPLICATION

The Marmoline Fiberglass Mesh 110 is used for the reinforcement of renders/plasters and for the prevention of cracking in the following cases:

- At joints between different structural elements (masonry with columns/beams, ring beams, etc.).
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- In electrical and plumbing chases, so that the channel is bridged with the surrounding surface.
- Over the entire surface of thermal insulation boards installed on the building structure. The mesh must cover the full surface of the insulation boards and bridge them with the masonry.
- At areas of masonry where large voids are present.
- At the corners of openings (doors/windows), where a strip of fiberglass mesh is placed diagonally, perpendicular to the diagonal of the opening.

### 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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