

## MI-620 MONOBLOCK

Flexible, one component, polymer-modified, waterproofing cement-based slurry with Fibre Strength Tech.



### PACKAGING

25kg



### MIXING RATIO

6.9-7.9 L/25kg



### CONSUMPTION

1.7 kg/m<sup>2</sup>

### Description

MI-620 MONOBLOCK is a flexible, one component, polymer-modified, waterproofing cement-based slurry with Fibre Strength Tech. It has good resistance to salts for interior and exterior applications and good workability.

### Area of Use

- It is used for waterproofing of bathrooms, showers, balconies before laying ceramic tiles.
- It is used for waterproofing of concrete basins of potable water.

### Substrate Preparation

The surface should be free of dust, grease, loose particles, paints, etc. It is recommended to dampen it before application. Use MP-809 ACRYPRIME to increase the adhesion of MI-620 MONOBLOCK to the surface.

### Application

MI-620 MONOBLOCK is slowly added to water under continuous stirring, until a homogeneous paste is formed. A low-speed mixer is recommended for mixing. Apply a thin layer of MI-620 MONOBLOCK with brush or trowel, then after 5-6 hours apply a second coat, to have a final thickness of approximately 2-3 mm.

Insert a 4.5 x 4 mm. mesh in the first layer of MI-620 MONOBLOCK when operating around expansion joints, joints between horizontal and vertical surfaces, areas with small cracks or places subject to stress. After the mesh has been laid apply a second layer of MI-620 MONOBLOCK when the first one has set (after 5 - 6 hours).

### Consumption

It consumes 1.7kg/m<sup>2</sup> depending on the surface.

### Features



## Technical Data (IN +23° C AND 50% U.R.)

Form	Powder
Colour	Grey
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	6.9-7.9 litres of water/ 25kg (by brush) 4-5 litres of water/ 25kg (by trowel)
Consumption	0.85-1kg/m <sup>2</sup> /mm
Pot Life	2 Hours
Fresh Mortar Density	1.35 ± 0.1 g/m <sup>3</sup>
Initial Tensile Adhesion Strength and After Water Contact, Heat Aging, Freeze-Thaw Cycles (EN 14891)	≥ 1 N/mm <sup>2</sup>
Tensile Adhesion Strength (EN 1542)	≥ 2 N/mm <sup>2</sup>
Freeze Thaw De-Icing Salt Resistance (EN 13687-3)	≥ 1 N/mm <sup>2</sup>
Water Penetration under Pressure (EN 14981)	7 bar (positive)
Crack Bridging Ability (EN 14891)	≥ 0.75 mm (+23°C) ≥ 0.75 mm (-5°C)

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THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.matis-eu.com, as well as after contacting the technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable failures after using the product.