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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/m²

Description
MI-620 MONOBLOCK is a flexible, one components, 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/m² depending on the surface.

Features

FIBER STRENGTH TECH

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^2 /mm
Pot Life	2 Hours
Fresh Mortar Density	1.35 ± 0.1 g/m^3
Initial Tensile Adhesion Strength and After Water Contact, Heat Aging, Freeze-Thaw Cycles (EN 14891)	⩾ 1 N/mm^2
Tensile Adhesion Strength (EN 1542)	⩾ 2 N/mm^2
Freeze Thaw De-Icing Salt Resistence (EN 13687-3)	⩾ 1 N/mm^2
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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