



MA - 105 MATICONS



PACKAGING

25 kg



MIXING RATIO

7.125-7.625L / 25kg



CONSUMPTION

3-5 kg/m²

Description

MA-105 MATICONS is a cement-based tile adhesive, with reduced slip for bonding ceramic and marble tiles.

Properties

- High adhesion strength.
- Easily trowelable.

Surface Preparation

- Substrates must be free from any contamination that may prevent proper adhesion. Cementitious substrates must be cured.
- Use repair mortar in case of uneven substrates, to get a sound and flat surface.
- If dusty, wipe the back side of tiles with water.

Application

- Pour 25kg of MA-105 MATICONS powder into 7.125 – 7.625L of water slowly and mix to obtain a homogenous paste, free from lumps. A low-speed mixer is recommended to mix. Do not add additive that is not instructed in the application.
- Allow the mortar to stand for 5-10 minutes to mature. Remix 1-2 minutes before application.
- Consumption is 3-5 kg/m².
- Consume the prepared mortar within 6 hours.
- To obtain a good adhesion, spread the mortar onto the substrate with the flat side of the trowel and notch with the toothed side. The notch sizes should be appropriate to the tile dimensions.
- Open time is 20 minutes. Install the tiles on the notched mortar within this period with a firm pressure. Unfavourable climatic conditions (high temperature, low humidity, wind, etc.) can reduce this time. If this period is exceeded, scratch and discard the mortar.

-For walls wait 24 hours, for grounds wait 48 hours to allow the adhesive mortar to harden before grouting.

-Grouting can be opened to foot traffic after 24 hours.

-Dispose mortars if their pot life is expired. Clean tools and hands with water, surfaces with a damp cloth.

-Tiles installed with MA-105 MATICONS must not be subject to water for at least 24 hours.

Shelf Life

12 months when stored in the original sealed packaging in dry environment.

Storage

Store in medium-dry environment. Do not stack more than 10 bags on top of each other.

TECHNICAL DATA (IN +23°C AND 50% RH.)

Form	Powder
Colour	Grey/White
Storage	12 months when stored in the original sealed packaging in a dry place.
Mixing Ratio	7.125-7.625 litres of water / 25 kg
Application Temperature	(+5°C) - (+35°C)
Application Thickness	Up to 10mm
Pot Life	6 Hours
Slip (EN 12004-2)	≤0.5mm
Open Time (EN 12004-2)	After 30 minutes ≥ 0.5 N/mm ²
Tensile Adhesion Strength (EN 12004-2)	
- Initial	≥ 0.5 N/mm ²
- After Heat Exposure	≥ 0.5 N/mm ²
- After Immersion in Water	≥ 0.5 N/mm ²
- After Freeze/Thaw Cycles	≥ 0.5 N/mm ²
Service Temperature Range	(-40°C) - (+80°C)
Reaction to Fire	A1
Dangerous Substances	See SDS