

## MA-105 MATICONS

Cement-based tile adhesive with no vertical slip.



**PACKAGING**  
25kg



**MIXING RATIO**  
7.1-7.6 L/25kg



**CONSUMPTION**  
3-5 kg/m<sup>2</sup>

### Description

MA-105 MATICONS is a cement-based tile adhesive with no vertical slip.

### Area of Use

–It is used for fixing interior ceramic floor tiles to a variety of substrates such as concrete, brickwork, etc.

### Substrate Preparation

The surface to be covered with boards should be free of dust, grease, loose particles, paints, etc. It is recommended to dampen it before application. Use MATIART repair mortars in case of uneven substrates, to get a flat surface.

If dusty, wipe the back of the tiles with water.

### Application

MA-105 MATICONS is slowly added to water under continuous stirring, until a homogeneous paste is formed. A low-speed mixer is recommended for mixing.

The mixture should be left to rest for about 5 minutes before is stirred again for a bit.

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.

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.

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

### Consumption

It consumes 3-5kg/m<sup>2</sup> depending on the surface.

### Features



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

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 L / 25 kg
Application Temperature	(+5°C) - (+35°C)
Application Thickness	Up to 10mm
Pot Life	6 Hours
Floor Grouting	After 24 Hours
Open Time (EN 12004-2)	After 30 minutes $\geq 0.5 \text{ N/mm}^2$
Tensile Adhesion Strength (EN 12004-2)	
- Initial	$\geq 0.5 \text{ N/mm}^2$
- After Heat Exposure	$\geq 0.5 \text{ N/mm}^2$
- After Immersion in Water	$\geq 0.5 \text{ N/mm}^2$
- After Freeze/Thaw Cycles	$\geq 0.5 \text{ N/mm}^2$
Service Temperature Range	(-40°C) - (+80°C)
Reaction to Fire	A1
Dangerous Substances	See SDS

### MATIS Construction Chemicals

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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](http://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.