



## MA - 295 KERAPRO



### PACKAGING

20 kg / 25 kg



### MIXING RATIO

5.4-6 L / 25kg



### CONSUMPTION

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

### Description

MA-295 KERAPRO is a cementitious ceramic tile adhesive with extended open time and no vertical slip.

### Properties

- Perfect adherence.
- Allows installation of tiles from top towards the bottom.
- Extended open time.
- Easily trowelable.

### Application

- Substrates must be sound, free from oil, grease and sufficiently dry. Cementitious substrates must be cured.
- Use repairing mortar in case of uneven substrates to get a sound and flat surface.
- Wipe the back side of tiles with water if dusty.
- Pour 20 kg of MA-295 KERAPRO into 5.4-6 L of clean water slowly and mix to obtain a homogeneous paste free from lumps. A low-speed mixer is recommended to mix. Do not add any additive which is not mentioned in the instructions for the application.
- Allow to stand for 5-10 minutes to mature. After 1-2 minutes remixing, the paste is ready for application.
- Consumption is 3-5 kg/m<sup>2</sup>.
- Consume the prepared mortar within 6 hours.

- Spread the mortar onto the substrate with a notched trowel, the notch size of which is appropriate to the tile dimension. To obtain a good adhesion, first apply a thin coat of the mortar with the flat side of the trowel, then notch with the toothed side of the trowel.
- Open time is 30 minutes. Install the tiles within this period with firm pressure. Unfavourable climatic conditions (high temperature, low humidity, wind, etc.) can reduce this time to just a few minutes. 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, the pot life of which has expired. Clean tools and hands with water, surfaces with a damp cloth.
- Tiles installed with MA-295 KERAPRO must not be subject to water for at least 24 hours.
- Product application temperature and storage conditions should be between +5°C and +35°C.

### Shelf Life

12 months when stored in the original sealed packing in dry place.

### Storage

Store in dry medium. 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	5.4-6 litres of water / 20 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 <sup>2</sup>
Tensile Adhesion Strength (EN 12004-2)	
- Initial	≥ 0.5 N/mm <sup>2</sup>
- After Heat Exposure	≥ 0.5 N/mm <sup>2</sup>
- After Immersion in Water	≥ 0.5 N/mm <sup>2</sup>
- After Freeze/Thaw Cycles	≥ 0.5 N/mm <sup>2</sup>
Service Temperature Range	(-40°C) - (+80°C)
Reaction to Fire	A1
Dangerous Substances	See SDS