



## MA-705 MATITECH



### PACKAGING

5 kg / 15 kg



### CONSUMPTION

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

### Description

MA-705 MATITECH is a ready to use high performance emulsion polymer-based tile adhesive with extended open time and no vertical slip for ceramic tiles and stones.

### Fields of Application

- Easy and clean application for interior wall and floor bonding of all types and sizes of ceramic tiles even on deformable surfaces.
- Bonding of tiles on gypsum panels and painted walls.
- Interior bonding of insulating and decorative ceiling materials.

### Properties

- Ready to use.
- Easily trowelable.
- Perfect adherence.
- Highly deformable, resistant to normal vibrations which building materials are subject to.
- Extended open time.
- Allows installation of tiles from top towards bottom.

### Preparation of Substrates

- Substrates must be sound, free from oil, grease, and sufficiently dry. Cementitious substrates must be cured.
- Cracked plasters mortar and cement residues must be scraped off the surface.
- The porous surfaces should be wetted and must be left to dry before application.
- Use MATIART in case of uneven substrates to get a sound and flat surface.
- Wipe the back sides of tiles with water if dusty.

### Shelf Life

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

### Storage

- Packages should be kept dry and cool at between +5°C and +23°C in moisture free conditions. Avoid direct sunlight.
- Packages should be protected from water, frost, and adverse weather conditions.

**TECHNICAL DATA** (IN +23°C AND 50% RH.)

Form	Paste
Colour	White
Storage	12 months when stored in the original sealed packaging in a dry place.
Application Temperature	(+5°C) - (+35°C)
Application Thickness	Up to 10mm
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	≥ 1 N/mm <sup>2</sup>
- After Heat Exposure	≥ 1 N/mm <sup>2</sup>
- After Immersion in Water	≥ 0.5 N/mm <sup>2</sup>
- After Freeze/Thaw Cycles	≥ 1 N/mm <sup>2</sup>
Deformability (EN 12002)	≥ 2.5mm – S1 Deformable
Service Temperature Range	(-30°C) - (+80°C)
Reaction to Fire	Bs1d0
Dangerous Substances	See SDS