



MA - 605 MATIPOOL



PACKAGING

25 kg



MIXING RATIO

5,75 – 6,75 L/ 25 kg



CONSUMPTION

3-5 kg/m²

Description

MA-605 MATIPOOL is a high performance, flexible, water-resistant cementitious adhesive of the S2 classification with extended open time, reduced slip and contributes to waterproofing for ceramic tiles and stones.

Fields of Application

- Interior and exterior floor and wall bonding of all types and sizes of ceramic tiles, natural stone, marble, granite, porcelain ceramic, clinker, cotto on cementitious renders, cementitious screeds and concrete.
- Bonding of all types and sizes of tiles and glass mosaics in swimming pools, Turkish baths, water tanks, basins and any other wet place.
- Bonding of ceramic tiles or granite on existing granite, ceramic, marble.
- Bonding of tiles on places where sudden temperature changes occur like cold storage depots and over floor heat installations.
- Bonding of tiles on places subject to heavy traffic like shopping malls, hospitals, schools.

Properties

- Perfect adherence.
- Highly deformable, resistant to temperature changes.
- Waterproof.
- Extended open time.
- Can be applied on vertical surfaces even for bonding of heavy tiles without sagging.

Application

- Pour 25kg of MATIPOOL into 5.75 – 6.75L 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 minutes to mature. After 1-2 minutes remixing, the paste is ready for application.
- Consumption is 3-5 kg/m².
- Consume the prepared mortar within 6 hours.
- Spread the mortar onto the substrate with a notched trowel of which notch size is appropriate to the tile dimension. To obtain a good adhesion first apply a thin coat of MATIPOOL with the flat side of the trowel, then notch with the toothed side of the trowel. Application of large tiles (greater than 40x40), on existing tiles or in places which are subject to frost or heavy traffic, MATIPOOL should also be applied on the back of the tiles (combined method).
- Open time is 30 minutes. Install the tiles within this period with a 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.

Shelf Life

12 months when stored in the original sealed packaging 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.)

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| Form | Powder |
| Colour | Grey/White |
| Storage | 12 months when stored in the original sealed packaging in a dry place. |
| Mixing Ratio | 5.75-6.25 litres of water / 25 kg grey powder 6.25-6.75 litres of water / 25 kg white powder |
| 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 | ≥ 1 N/mm ² |
| - After Heat Exposure | ≥ 1 N/mm ² |
| - After Immersion in Water | ≥ 1 N/mm ² |
| - After Freeze/Thaw Cycles | ≥ 1 N/mm ² |
| Deformability (EN 12002) | ≥ 5mm – S2 Highly Deformable |
| Service Temperature Range | (-40°C) - (+80°C) |
| Reaction to Fire | A2 |
| Dangerous Substances | See SDS |