

# MU-400 GranitFix LowDust

## Tile Adhesive for Granite and Natural Stone

Premixed mortar for porcelain tile (homogeneous tile) and natural stone installation work, either for wall or floor. Cementitious material, sorted sand, and additive mixed homogeneously. Equipped with Dust Lock Technology to reduce dust during pouring and mixing.



## Technical Data Sheet

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### TECHNICAL DATA

Product Format	Powder
Color	Gray
Binder	Portland Cement
Aggregate	Sorted sand with maximum grain size 0,6 mm.
Additive	Additional solvent to increase the workability and adhesion.
Fresh density	1,5 Kg/liter
Pot life @35°C	120 min
Packaging Size	25 Kg
Water addition	5,5 - 6,0 liter/sack 25 kg
Consumption	± 5 m <sup>2</sup> / sack 25 Kg / 3mm thickness
Adjustability time	10 minutes
Application Thickness	2 - 10 mm
Adhesion strength	> 0.5 N/mm <sup>2</sup> @ 28 days (EN 12004-2)
Open time	20 minutes (EN 12004-2)
Traffic Time	After 24 hours

### Packaging

Colored Woven Sack 25 Kg

### Handling and Storage

- Store in a closed and dry room
- Avoid excess stacks, maximum 10 stacks per stack pallets (maximum pallet stack 2).

### Shelf life

10 months if it is stored in a sealed bag inside the dry closed room.

### Substrate of Application

- Surface of aerated concrete and red brick.
- Surface of plaster, screed and concrete.

### Area of Application

- Lantai
- Dinding
- Kamar Mandi
- Interior (maks. 60 cm pada sisi terpanjang **granite tile**)
- Eksterior (maks. 80 cm pada sisi terpanjang **granite tile**)

### Product advantages

- Minimum Dust during Pouring and Mixing
- High adhesion and easy to apply.
- Prevent tiles from detaching.
- Can be applied directly on top of concrete surface without doing chipping process.
- Can sustain well the expansion-shrinkage of substrate.
- Sufficiently long open time to ease the application process.
- Anti-sagging feature ease the marble application on the wall.

### APPLICATION METHOD

#### 1. Substrate Preparation

- Prepare the application area to be clean, stable and flat. The flatness of the substrate will impact to adhesive consumption.
- Put adequate markings for tile flatness and straight alignment reference.

#### 2. Mixing and blending process

- Pour 5,5 - 6,0 liter of water into the mixing container for each 25 kg sack of MU-400 GranitFix LowDust.
- And then pour the MU-400 GranitFix LowDust into the mixing container.
- Blend the mixture until it achieves a homogeneous state.

#### 3. Application process

- Apply the tile adhesive using serrated shovel, and then stick the tile carefully.
- The advised adhesive thickness is 2 - 10 mm, depends on the tile size and flatness of substrate.
- For tile bigger than 60 x 60 cm, double buttering is highly recommended.

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