

# MU-440 Floor Levelling Agent



**Instant mortar for floor leveling work, adding floor thickness level, or as working floor before the tile installation. Cementitious material, sorted sand, filler and additive mixed homogeneously.**

## Technical Data Sheet

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### TECHNICAL DATA

|                       |   |
|-----------------------|---|
| Product Format        | Powder  |
| Color                 | Gray  |
| Binder                | Portland cement   |
| Aggregate             | Sorted sand with maximum grain size 2,4 mm.   |
| Filler                | To increase the density and reduce the porosity of mixture.   |
| Additive              | Additional solvent to increase the workability and adhesion.  |
| Water addition        | <ul style="list-style-type: none"><li>• 6,0 – 6,5 liter/sack 40 Kg</li><li>• 7,5 – 8,0 liter/sack 50 Kg</li></ul>   |
| Consumption           | <ul style="list-style-type: none"><li>• <math>\pm 1,5 \text{ m}^2/\text{sack 50 kg/ 20 mm}</math> thickness.</li><li>• <math>\pm 1,2 \text{ m}^2/\text{sack 40 kg/ 20 mm}</math> thickness.</li></ul> |
| Fresh density         | 1,85 Kg/liter   |
| Pot Life @35°C        | 60 minutes @35 °C   |
| Application Thickness | 20,0 – 30,0 mm  |
| Compressive Strength  | 4 - 6 N/mm <sup>2</sup> @ 28 hari   |
| Traffic Time          | After 24 hours  |

### Kemasan

40 kg of paper bag and 50 kg of woven sack.

### Handling and Storage

Keep inside the closed and dry room. Avoid an excessive stacking, maximum 8 stacks per pallet (maximum 2 stacks of pallet).

### Shelf life

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

### Substrate of Application

- Surface of ground that is solid and flat.
- Surface of concrete that is already coated with MU-L500 AcryBond or MU-830 PatchCrete.

### Product advantages

- Strong enough to take load on floor surface.
- Very good to be used as the base of working floor on the tile installation.
- Can be applied on top of concrete floor surface that is already applied with MU-L500 AcryBond. Can also be applied on top of the sufficiently firm ground surface.
- Plastic during application.
- Can use silo system for a better productivity.

#### 1. Substrate preparation

- If it is applied on top of concrete floor surface, clean that area from dirt and oil.
- If it is applied on the ground surface, make sure it has been solidified and flattened. And then cover with sand as the base of working floor.
- Put adequate markings for the surface level & flatness working reference.

#### 2. Mixing and blending process

- Pour 7,5 – 8,0 liter of water for each sack of MU-440 (50 kg) or 6,0 – 6,5 liter of water for each sack of MU-440 (40 kg).
- Pour the dry mixture of MU-440 into the mixing container.
- Mixed the above mixtures evenly.

#### 3. Application process

- If MU-440 will be applied on top of the concrete floor surface, apply MU-L500 AcryBond first as a bonding agent.
- Mixture leveling can be done manually with scrapper as usual.
- Recommended mixture thickness is minimum + 20 mm.
- Very recommended to use multilayer method with wire mesh for thickness more than 50 mm.

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