

MU-440 Floor Levelling Agent



Premixed 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.
Additive	Additional solvent to increase the workability and adhesion.
Water addition	<ul style="list-style-type: none">• 6,0 – 6,5 liter/sack 40 Kg• 7,5 – 8,0 liter/sack 50 Kg
Consumption	<ul style="list-style-type: none">• ± 1,5 m²/sack 50 kg/ 20 mm thickness.• ± 1,2 m²/sack 40 kg/ 20 mm thickness.
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 ² @ 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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