

# MU-700 Floor Hardener



Instant mortar that is added on top of the concrete surface to increase the resistant towards abrasion and prevent the dust formation. Cementitious material, sorted sand and additive mixed homogeneously.

## Technical Data Sheet

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### TECHNICAL DATA

|                |  |
|----------------|--|
| Product Format | Powder   |
| Color          | Gray   |
| Binder         | Portland Cement  |
| Additive       | Additional solvent to increase the workability and adhesion.   |
| Consumption    | <ul style="list-style-type: none"><li>• <math>\pm 8 \text{ m}^2/\text{sack}</math> for usage of <math>3 \text{ kg}/\text{m}^2</math></li><li>• <math>\pm 5 \text{ m}^2/\text{sack}</math> for usage of <math>5 \text{ kg}/\text{m}^2</math></li><li>• <math>\pm 3,5 \text{ m}^2/\text{sack}</math> for usage of <math>7 \text{ kg}/\text{m}^2</math></li></ul> |
| Fresh density  | 1,6 Kg/liter (dry)   |
| Mohs Scale     | $\geq 7$   |

### Packaging

25 Kg of paper 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 new concrete floor (not yet cured).
- Surface of new MU-445 HeavyDuty Floor (not yet cured).

### Product advantages

- Highly resistant towards abrasion.
- Reduce dust on the surface.
- Make the floor less slippery and can be applied at wet area.
- Suitable for warehouse, supermarket, workshop, showroom, etc.

### APPLICATION METHOD

#### 1. Preparation

- During the process of concrete mixture spreading on the working floor, should follow the procedure of concrete leveling and compression according to common standard.
- Concrete surface leveling can be assisted using scrapper or other tools so that flat and solid surface is achieved.
- If there is a water excess, it should be reduced.
- The concrete surface is ready to be applied with MU-700 if it is pressed by thumb, it will leave a mark with 2 – 3 mm deep.

#### 2. Application Process

- On the new and still wet concrete surface spread evenly 2/3 of MU-700 until all concrete surface is covered, wait until water on the surface raise up and wet the MU-700 powder.
- Use scrapper or trowel machine with low rpm to compress the first layer. Remove the excess portion to achieve the flat first layer.
- If the concrete base has been slight hardened and able to take the load on top of it, smoothen the surface using trowel or trowel machine with high rpm. Do this process repeatedly until it achieves flat and solid surface.

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