

MU-380 ThinBedMax



Premixed mortar for the installation work of aerated concrete (AAC) with thickness of 3 mm. Made from sorted sand, cement, filler and additive that are 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 of 1,2 mm
Filler	To increase the density and reduce the porosity of mixture.
Additive	Additional solvent to increase the workability and adhesion.
Water addition	8,0 - 9,0 liter/sack 40 Kg
Consumption	<ul style="list-style-type: none">AAC 7,5 cm: + 16 m²/sack 40 kg/ 3 mm of application thickness.AAC 10 cm: + 10 m²/sack 40 kg/ 3 mm of application thickness.
Fresh density	1,75 Kg/liter
Pot Life	60 minutes
Application Thickness	3,0 mm
Adhesion strength	0,4 – 0,5 N/mm ² @28 days (EN 1015 : 12)
Compressive Strength	6 - 7 N/mm ² @28 hari (DIN 18555 Part3)

Kemasan

PP woven plastic sack 40 Kg

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 aerated autoclaved concrete (AAC) bricks.

Product advantages

- Easy to use and ready to apply, just need to add water.
- High adhesion with application thickness of 3 mm.
- Thinner mixture space, therefore less material usage.
- Faster application time, therefore saving cost.
- Neater and more flat finishing.

1. Substrate preparation

- Clean the substrate surface from debris and oil that can reduce the adhesion of mixture.
- Put sufficient markings to ensure flatness, straight alignment and to ease the aerated concrete installation.
- The aerated concrete should be cleaned and damped with water beforehand.

2. Mixing and blending process

- Pour 8,0 - 9,0 liter of water for each sack of MU-380 (40 kg).
- Pour the MU-380 ThinbedMax dry mixture into the mixing container.
- Mix the above mixture evenly.

3. Application process

- Apply plaster (MU-301 PlasterPlus) on the surface of concrete floor where the aerated concrete will be installed, with thickness approximately 10 mm.
- Apply the adhesive of aerated concrete MU-380 ThinbedMax vertically or horizontally.
- Place the aerated concrete on the area where the aerated concrete adhesive MU-380 ThinbedMax has been applied.
- Knock the aerated concrete with rubber hammer to get the perfect flatness and adhesion.
- On the surface of structural concrete column with aerated concrete surface, it is advised to apply MU-830 PatchCrete in between. MU-830 PatchCrete can be applied 1 x 24 hours before or in the same time with the installation of aerated concrete.

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