

# MU-301 PlasterPlus



Instant 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 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	6 – 6,5 liter/sack 40 Kg
Fresh density	1,8 Kg/liter
Pot Life	60 minutes
Application Thickness	10 – 15 mm (more than 15 mm, do multilayer application)
Adhesion strength	0,1 – 0,2 N/mm <sup>2</sup> @28 days (EN 1015 :12)
Compressive Strength	3 - 5 N/mm <sup>2</sup> @ 28 hari (EN 1015-11)
Consumption	Bricks <ul style="list-style-type: none"><li>Red Brick : + 1,25 m<sup>2</sup>/sack 40 kg/ 10 mm of application thickness.</li><li>Aerated Concrete : + 3,5 m<sup>2</sup>/sack 40 kg/ 10 mm of application thickness.</li></ul> Plaster <ul style="list-style-type: none"><li>Red Brick : + 1,9 m<sup>2</sup>/sack 40 kg/ 10 mm of application thickness.</li><li>Aerated Concrete : + 2,1 m<sup>2</sup>/sack 40 kg/ 10 mm of application thickness.</li></ul>

### Shelf life

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

### Substrate of Application

- Surface of aerated concrete
- Surface of red brick.

### Product advantages

- Easy to use and ready to apply, just need to add water.
- Multifunction, can be used for installation work of brick and plaster application (can also be used as a floor screed).
- High adhesion and elasticity during application.
- Thinner mixture application and neater brick installation, therefore less material usage.
- Faster application time, therefore saving cost.
- Prevent cracks due to shrinkage on plaster.
- Stronger finishing and smoother surface.
- Can apply silo system to increase the productivity of plaster application.

### APPLICATION METHOD

#### 1. Substrate preparation

- Prepare the working area & check the flatness of area that will be plastered
- Use marking as a plaster thickness reference (+ 10 mm)
- Clean & damp the surface that will be plastered with water.

#### 2. Mixing and blending process

- Pour 6 – 6,5 liter of water for each sack of MU-301 PlasterPlus (40 kg).
- Pour the MU-301 PlasterPlus dry mixture into the mixing container.
- Mix the above mixture evenly.

#### 3. Application process

- Apply the MU-301 PlasterPlus evenly on the surface that has been cleaned.
- Flatten the plaster surface using the metal scrapper.
- Polish the plaster vertically with scrapper to get a neat surface.

### Kemasan

Woven Bag 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).

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ISO 45001:2018 Certified



### Constraints / Pay attention

Cannot be applied to concrete surfaces