

MU-101



MU-101 Plester Trasram is an premixed mortar for a waterproof (trasram) plaster application. Very good to be used at trasram area, wet area (bathroom), foundation area, etc.

Technical Data Sheet

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TECHNICAL DATA

Product Format	Powder
Color	Red
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 workability and adhesion
Water addition	6,5 – 7,0 liter/sack 40 Kg
Consumption	± 2,4 m ² /sack 40 kg/10 mm
Fresh density	1,75 Kg/liter
Pot Life @35°C	60 minutes
Application Thickness	10 - 15 mm
Adhesion strength	0,2 – 4,0 N/mm ² @ 28 days (EN 1015 – 12)
Compressive Strength	4 – 6 N/mm ² @28 hari (DIN 18555 Part 3)
Water Retention	> 95 % DIN 18555 Part 7.

Kemasan

Paper 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).

Shelf life

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

Substrate of Application

- Underneath the surface of constructed red bricks and aerated concrete.
- Surface of concrete, pre-cast that is formerly applied with MU-L500 (acrylic based adhesive for Mortar & Concrete).

Product advantages

- Ready to use and easy to apply, only need to add water

- High adhesion strength and elasticity when it is applied
- High density and low porosity, so it can prevent water to seep in
- Very effective to be used at damp (trasram) area or wall that has been permeated by water
- Waterproof so that it can block the capillarity process of ground water
- Efficient in term of material consumption
- Faster application, so it saves cost
- Prevent the hair cracks on the wall due to shrinkage
- Stronger finish and smoother surface
- Can be used for the construction of river rock foundation. Red in color, so it is easier to observe the application

APPLICATION METHOD

1. Substrate preparation

- Prepare working area & surface that will be plastered.
- Clean the surface from debris, dirt and oil that can reduce the adhesion of mixtures.
- Put sufficient markings like on top of plastered area, for even surface of plastered area.
- If it is too dry, wet the surface of the area where is going to be plastered.

2. Mixing process:

- Manual mixing process:

- Pour 6,5 – 7,0 liter of water for a sack of MU-101(40 kg).
- Pour the dry mixture of MU-101 into container
- Stir the mixture evenly.

- Concrete mixing machine:

- Pour 6,5 – 7,0 liter of water for a sack of MU-101 (40kg).
- Pour the dry mixture of MU-101 into the container of mixing machine.
- Control the water flow using flowmeter, to be at level of 500 – 600 liter per hour.
- Switch on the motor of mixing machine.

3. Application process

- Thickness of 10 -15 mm, depends on the flatness of the substrate surface.
- If additional thickness is needed, it can be applied by multilayer application.
- For maximum result, use MU-L500 (acrylic based mortar & concrete adhesive).
- After the plaster reaches 24 hours, concrete finish coat can be applied.

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