



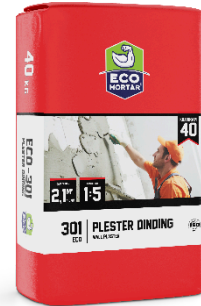
ECO MORTAR

Technical Data Sheet

Effective Date: November 25, 2024

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ECO-301 WALL PLASTER



1. Product Description:

ECO-301 is a premixed mortar for plastering lightweight brick walls. It is based on cement, selected silica sand, fillers, and crosslinking polymers that are homogeneously mixed to ensure a high-quality product.

2. Features & Uses:

- Easy to and ready to use.
- This product has high adhesion strength.
- Faster application saves time and costs.
- Produces a neater finish with high bond strength.

3. Specifications:

Product	Standard Parameters	Wall Plaster
Product		ECO-301
Color	-	Grey
Adhesive	-	Portland Cement
Aggregate	-	Silica Sand
Filler Material	-	Aggregate <0.6 mm
Additives	-	Additional materials to improve durability, adhesion and consistency
Density	>1.6 kg/L	1.84 kg/L
Application Thickness	± 10 mm	± 10 mm
Water Requirement	7 - 9 L / 40 kg sack	7 - 9 L / 40 kg sack
Compressive Strength (BS EN 1015-11)	>3 N/mm ²	3.05 N/mm ²
Adhesive Strength (BS EN 1015-12)	>0.5 N/mm ²	0.921 N/mm ²
Moisture Content (BS EN 1015-19)	<1%	0.40%
Open Time	30 minutes	30 minutes
Spreadability	-	± 2,1 m ² / 40 kg sack / 10 mm



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4. Instructions for use:

Application Preparation

1. Clean the surface of any debris or contaminants that could weaken the adhesion.
2. Ensure the surface is sufficiently dry for optimal bonding.

Mixing Water and Powder

Pour water into the mixing container in a ratio of 1 : 5 then slowly add ECO-301 powder (40 Kg).

Mixing Process

Mix the water and powder until smooth using a hand mixer or a trowel.

Application Process

1. Use a plastering trowel for the application.
2. Use a straight edge (recommended from steel or aluminum) for leveling.
3. Dampen the surface of dry bricks with clean water.
4. Apply at the recommended thickness of ± 10 mm.

5. Cleaning of the equipment after application:

Clean all tools and the work area with clean water immediately after use (within 20 minutes).

6. Storage Rules:

1. Store in a cool, dry place, avoiding freezing temperatures.
2. Keep away from direct sunlight or excessive heat.
3. Avoid direct contact with the floor.
4. Do not store in a damp area or areas potentially exposed to water.
5. Keep out of the reach of children.

7. Expiration Period:

1 year when stored in unopened packaging in a dry room. Storing on pallets is recommended.