



ECO MORTAR

Technical Data Sheet

Effective Date: November 25, 2024

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ECO-270 WHITE SKIMCOAT



1. Product Description:

ECO-270 is a white (super white) premixed mortar used as a skim coat for concrete and plastered wall surfaces, suitable for both interior and exterior applications. It is formulated from white cement, fine fillers, and crosslinking polymers, homogeneously mixed to produce a high-quality finish.

2. Features & Uses:

- Produces a smooth white finish.
- No need for additional wall putty before painting.
- Helps prevent hairline cracks caused by shrinkage.
- Suitable for both plastered and concrete surfaces, interior and exterior.

3. Specifications:

Product	Standard Parameters	White Skimcoat
Product		ECO-270
Color	-	White
Adhesive	-	White Cement
Aggregate	-	-
Filler Material	-	Fine details <0.045 mm
Additives	-	Additional materials to improve workability, adhesion and consistency.
Density	>1.6 kg/L	1.97 kg/L
Application Thickness	± 1,5 mm	± 1,5 mm
Water Requirement	12 – 14 L / 40 kg sack	12 – 14 L / 40 kg sack
Compressive Strength (BS EN 1015-11)	>3 N/mm ²	7.67 N/mm ²
Adhesive Strength (BS EN 1015-12)	>0.5 N/mm ²	0.5 N/mm ²
Moisture Content (BS EN 1015-19)	<1%	0.25%



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Open Time	30 minutes	30 minutes
Spreadability	-	± 20 m ² / 40 kg sack / 1,5 mm

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 : 3 then slowly add ECO-270 powder (40 Kg).

Mixing Process

Stir the mixture of water and powder until smooth using a *hand mixer* or cement spoon.

Application Process

1. Use an appropriate applicator tool, such as a plain trowel or a straight edge.
2. Spread the material evenly with horizontal and vertical strokes to the desired thickness.

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.