INSEE Mortar 16G

Grey Skim Coat

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Use for very fine and smooth surface, finishing with thickness about 0.5-2.0 mm. It is suitable for application on precast wall, cast in place wall, masonry wall, cement board, and gypsum board. It can also help to fix the small hole, hair crack, and coarse plastering surface. The final surface has very fine smoothness and is ready for paint application or attaching wallpaper. It can be used for both interior and exterior wall.

Advantage

- Consisting of special additives which is enhance key performances for skim coat application
- High adhesion good hardness
- Very fine smoothness and dust free on the surface without crack
- Certificated by TIS 3056-2563 for Skim coat mortar

Applications

It is formulated for plastering at 0.5-2 mm thickness, applying for precast wall, cast in place wall, masonry wall, cement board, and gypsum board.

Mixing Ratio

20 kg (1 bag) per 8.0-8.4 liters of clean water.

Coverage rates

20 kg (1 bag) can cover an area of approximately 15-17 sq m at a thickness of 1 mm.

Packaging

20 kg/bag

Storage & Shelf Life

The product is in a sealed package and has not been activated, valid 3 months from the date of manufacture by keeping it in a well-ventilated, dry, not damp place.

Surface preparation

1. Remove seam on surface to get level surface (Concrete surface or plaster surface should be hardened for at least 3-7 days).
2. Clean the substrate to be free from dust, oil, curing compound, grease or any surface contaminants.
3. Moisten the substrate thoroughly and wait until substrate semi-dried.

Mixing

Slowly add INSEE Mortar 16G into water following the recommended mixing ratio. Use a low speed mixer drill, 400-600 rpm. to blend the admixtures for 2-3 minutes until the mixture is homogeneous and lump free.

Instructions

1. Use a steel trowel to apply skim coat on the substrate at 0.5-1.0 mm thickness per layer, wait for the first layer to dry before applying the next layer, apply at least 2 layers.
2. Allow to dry for at least 12-24 hours before polishing the surface smooth and even with fine sandpaper. Leave the surface full-dry for at least 3-7 days before finishing the next step.
3. Wet mortar should be used within 1 hour.

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Technical Properties

Description	Testing Standard	Test Result
Water Retention	ASTM C1506	≥ 85%
Time of Setting	ASTM C807	220-300 minutes
Compressive strength of 28 days	ASTM C109	≥ 7.5 N/mm^2
Adhesion Strength at 7 days	ASTM C952	≥ 0.5 N/mm^2

Precaution

- Always wear gloves and protective equipment when in use. If your skin becomes irritated, please use soap and water to wash off the affected area immediately. If the symptoms do not improve, consult a physician.
- If the product gets into the eyes, rinse your eyes immediately with clean water several times and then visit a doctor.
- Do not eat, keep out of the reach of children.
- If the product is not used up within 1 day, the bag should be tightly closed and stored in a plastic bag. Roll the bag tightly.
- Lift with care.

Recommendation

- Should be used according to instructions for maximum efficiency.
- Should be used at the appropriate temperature 10-35 degrees Celsius.
- Do not use in flooded areas and floor plastering.
- Waiting period for painting should follow the paint manufacturer's instructions.
- Keep the product in the shaded dry area, without moisture.

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