

INSEE Mortar 17G

2in1 Grey Skim Plastering for 1-4 mm

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Use for plastering cast-in place concrete surfaces and precast concrete (WALL PANEL) surfaces. It can help correct various surface defects such as air bubbles holes, small cracks, pock marks, sand marks on the plaster surface of walls and ceilings. It can be used for both interior and exterior walls for strong and smooth surfaces. It can also be used to adjust uneven levels of surfaces by using with INSEE Mortar 16G / 16W Skim Coat for smoother surfaces.

Advantages

- Smooth plastering, easy to use
- For plastering wall leveling at the thickness of 1-4 mm
- Good adhesion with both concrete and plaster surfaces, no problems with flaking
- Can be used for both inside and outside the building

Applications

It is purpose for plastering work for general reinforced concrete structures, precast concrete panel, and plaster surfaces to adjust surfaces to be level for thickness 1-4 mm. If required for smooth surface finished, we are recommended for apply final layer with INSEE Mortar Grey Skimcoat.

Mixing Ratio

20 kg (1 bag) per clean water 5.4-5.6 liters

Coverage rates

20 kg (1 bag) can cover an area of approximately 7.5 sq m at a thickness of 2 mm.

Packaging

20 kg/bag

Storage & Shelf Life

The product is in a sealed bag 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. Grind or polish the seams to get a smooth even surface. (Concrete surface or plaster surface must be leave to harden for at least 3-7 days). Clean the surface thoroughly without dust, oil stains, and any surface contaminants.
2. Surface saturated by spray water on the walls that need to be plastered thoroughly and wait until the walls are semi-dry

Mixing

Mix INSEE Mortar 17G with clean water at the specified ratio, then use a cement blender at a speed of 400 - 600 rounds per minute, blend until the mixture is homogeneous and lump free.

Instructions

1. Use a steel trowel to plaster on the prepared wall at the thickness is about 1-2 millimeter per layer, wait for the first layer to dry before applying on the next layer, and apply at least 2 layers.
2. Allow to dry for at least 24 hours before polishing the surface to smooth evenly with fine sandpaper. In case for special smooth surfaces apply INSEE Mortar 17 skim coat to finishing the surfaces according to the procedure and allow the surfaces to dry completely at least 3-7 days before finishing the next step.
3. Lifetime after mixing approximately 90 minutes depending on the weather conditions of the job.

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Technical Properties

Properties	Testing Standard	INSEE Mortar 17G
Compressive strength of 28 Days	ASTM C109	$\geq 7.5 \text{ N/mm}^2$
Adhesion force at 28 days	ASTM C1583	$\geq 0.5 \text{ N/mm}^2$

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.