

Plaster of Paris (POP) Decorative Molding Plaster



GYPSUM PLASTERS

Areas of Use

Used for mould casting of decorative models in desired shapes and for fixing decorative cornice products to walls. It is also used for repair, patching and renovation works in residential and commercial buildings thanks to its rapid-setting property.

Properties

- Can take shape within the mould.
- Has a breathable structure.
- Lightweight and durable.

Application

Surface Preparation

The surface must be thoroughly cleaned of substances that reduce adhesion. If necessary, the application surface should be dampened with water.

Mortar Preparation and Application

First, water is poured into the mixing container, then Plaster of Paris (POP) is sprinkled onto the water (7 L water/10 kg product) until the water surface is completely covered. Allow the gypsum to absorb the water for 2-3 minutes, then mix by hand or with a mechanical mixer until the product is homogeneous throughout. After mixing, the mortar is ready for use. To

obtain smoother cornice elements and facilitate demoulding, the moulds are lubricated with mould-release oil before casting. Allow Plaster of Paris (POP) to set completely. Once fully hardened, remove the gypsum element from the mould.

Consumption

Approx. 1.0 kg/m² for 1 mm plaster thickness.

Technical Values

Water Ratio	70/100
Compressive Strength, N/mm ²	≥ 3,0
Flexural Strength, N/mm ²	≥ 10,0
Spread, mm	190-200
Initial Setting Time, min	≥ 8
Final Setting Time, min	≤ 30
Reaction to Fire	A1

Packaging and Storage

- Supplied on pallets in 30 kg PP bags.
- Store unopened in the original packaging in a dry, frost-free environment, stacked no more than 8 bags high. It is recommended to use within 6 months from the production date and within 1 week after opening the bag.

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Warnings

- No foreign material (lime, cement, gypsum, etc.) should be added to the prepared mortar.
- Ensure that the moulds are dry and clean before application.
- Ensure that the equipment and mixing water used for mixing are clean.
- A high-speed mechanical mixer directly affects product consumption and setting time.
- Application is recommended at temperatures between +5 °C and +35 °C.
- In windy conditions, Plaster of Paris (POP) must be protected against rapid drying.
- Do not use outside the specified areas of application or contrary to the instructions for use.
- Do not inhale directly. In case of contact with eyes, rinse with plenty of water and seek medical advice if necessary.
- For further information, request the product Safety Data Sheet.
- Please consult us regarding all other application conditions and for technical questions.

Certificate of Conformity



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