

POMEX MACHINE PLASTER

Cement-Based, Polymer-Modified Economic Machine-Applied Thick Plaster

Description:

It is a cement-based, single-component plaster mortar, modified with polymer and fiber, applied using a plaster machine.

Certified according to **TS EN 998-1 TSE** and **EN 998-1 CE** standards.

Areas of Use:

- Used in interior and exterior areas on:
 - Autoclaved aerated concrete (with eile ASTAR E applied)
 - Concrete (with eile TU-05 or eile TU-06 applied)
 - Block, brick, and similar surfaces

Product Features:

- Due to its chemical additives, it provides perfect adhesion.
- Extremely easy to apply.
- Allows easy and fast application with a machine.
- Low rebound, making it economical.

Application Procedure:

Surface Preparation:

The application surface must be solid and free from substances that reduce adhesion. The surface must be moistened before application, and in hot and windy weather, it should be saturated with water.

Mixing:

POMEX MACHINE PLASTER should be mixed in a plaster machine with a ratio of 40 kg bag to 7.2-8.8 liters of water.

Mixing Ratios:

- For 40 kg powder: 7.2-8.8 liters of water
- For 1 kg of powder: 0.180-0.220 liters of water

Application Method:

The ready mixture should be applied with a machine on a pre-moistened or primed surface, with a thickness not exceeding 2 cm. For thicker applications, a second coat should be applied after the first coat has set. After application, the surface should be leveled with a straightedge. Once the plaster has hardened sufficiently, the surface should be troweled and finished with a damp sponge.

Points to Consider:

- For POMEX MACHINE PLASTER application, wait for suitable temperatures if the ambient temperature is below +5°C or above +30°C. Do not apply in extreme heat, rainy, or windy conditions.
- The application thickness should not exceed 2 cm in a single coat. For thicker applications, two coats should be applied.
- Do not add water or new material to the mixture once it has started to dry.

Cleaning of Tools:

Tools and equipment used after application should be cleaned with water. Once hardened, **POMEX MACHINE PLASTER** can only be removed mechanically from the surface.

Packaging:

40 kg kraft bag

Storage:

Store in its unopened original packaging in a cool and dry environment, stacked no more than 10 layers high.

Shelf Life:

12 months from the production date when stored under the recommended conditions.

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Technical Specifications

Material Structure: Contains polymer-modified special cement.

Color	: Grey
Application Temperature	: +5 °C/+30 °C
Pot life (20 °C)	:45 min.
Consumption (for 1cm thickness)	: 14-16 kg/m ²
Waiting time	: 5 minutes
Over Application	: 24-48 hours (20 °C)
Dry Bulk Density	: 1500 ± 100 kg/m ³
Compression Resistance	: CS II (1,5 - 5,0 N/mm ²)
Bond Strenght	: ≥ 0,4N/mm ²
Capillary Water Absorption	: W0
Water Vapour Permeability	: ≤ 15 μ
Test drying	: 28 days (20 °C)

The typical values above are valid for 28-day of performance of finished applications at + 23°C and 50% relative humidity conditions. Values may vary due to differences in the worksite

Safety Recommendations: During application, appropriate workwear, protective gloves, goggles, and masks in accordance with occupational health and safety regulations must be worn. Avoid contact with skin and eyes; if contact occurs, wash thoroughly with plenty of water. In case of ingestion, seek medical attention immediately. Store out of the reach of children. No food or drink should be kept in the areas where the application is taking place.

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