ALÇIMATİK®

Gypsum-Based Ready-Mixed Machine Plaster

(The First Gypsum-Based Machine Plaster Produced in Türkiye)

GYPSUM PLASTERS

Areas of Use

Used for plastering brick, aerated concrete, concrete, fair-faced concrete, pumice block, briquette wall and ceiling surfaces in interior spaces.

Properties

Provides a sound substrate with high adhesion and strength.

Application

Surface Preparation

The surface must be thoroughly cleaned of formwork oil, dust, paint and substances that reduce adhesion.

Before application, cracks and holes must be repaired using suitable Entegre Repair Mortars.

If necessary, the application surface should be dampened with water.

On smooth fair-faced surfaces and concrete ceilings and walls, PRİMEL 600® is used as an adhesion-enhancing primer before application.

Application is started after the surface has dried.

Mortar Preparation and Application

ALÇIMATİK® is mixed in a plastering machine (15-16 L water/35 kg bag) and sprayed onto the surface.

The application thickness should be between 1 cm and 2,5 cm in a single coat.

If the thickness exceeds 2,5 cm, a second coat with a maximum thickness of 2,5 cm is applied before the first coat sets.

The surface is levelled with a screed.

When the surface begins to dry, excess material can be removed by a second screeding operation.

The surface is then compacted and smoothed with a spatula.

When the surface has reached sufficient hardness, it is lightly wetted and sponge-floated to obtain a satin finish.

Depending on the ambient temperature, as the satin finish begins to dry, it is finished with a steel trowel to obtain a flawless surface.

If the application surface is to be left screeded, the surface must be compacted.

Consumption

Approx. 10,0 kg/m^2 for 1 cm plaster thickness.

Liability: Above stated data obtained in lab conditions. Entegre will not be liable for any defect in product occurring by reason of events or conditions not within its control such as misuse, mishandling, improper storage or improper installation. Entegre reserves the right to revise the information contained herein without prior notice.

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Technical Values

Compressive Strength, N/mm^2	≥ 2,0
Flexural Strength, N/mm^2	≥ 1,0
Adhesion Strength, N/mm^2	≥ 0,3
Dry Bulk Density, kg/m^3	1020±60
Initial Setting Time, min	> 50
Thermal Conductivity, W/mK	0,34
Reaction to Fire	A1

Packaging and Storage

- Supplied on pallets in 35 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.

Warnings

- No foreign material (lime, cement, gypsum, etc.) should be added to the prepared mortar.
- Application is recommended at temperatures between +5 °C and +35 °C.
- In windy conditions, ALÇIMATİK® must be protected against rapid drying.
- Depending on the ambient temperature, ALÇIMATİK® must be allowed to cure for at least 10 days before subsequent applications are carried out over it.
- Plaster mesh is recommended at junctions of different materials and at points where movement may occur.
- 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

TS EN 13279-1 / February 2009 / B4-50-2.0

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