ELTEK®

Cement-Based Hand-Applied Plaster

CEMENT BASED PLASTERS

Areas of Use

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

Properties

- Provides both base-coat and finish plaster functions in a single product.
- Provides easy and fast application.
- Provides a sound substrate with high adhesion and strength properties.

Application

Surface Preparation

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

Cracks and holes must be repaired prior to application using the same material or a suitable Entegre Repair Mortar.

The application surface should be dampened with water if necessary.

On aerated concrete and similar surfaces, PRİMEL® should be applied as a bonding coat 1 day before application; on smooth surfaces such as fair-faced concrete, PRİMEL® PLUS should be applied as a bonding coat 1 day before application.

Application may commence after the surface has dried.

Mortar Preparation and Application

ELTEK® is prepared by mixing manually or with a hand mixer (4,5-5,5 L water/25 kg bag).

Apply the prepared mortar using a plastering trowel.

Application should be carried out in two coats. The application thickness per coat should be between 1 cm and 2,5 cm. If the total thickness exceeds 2,5 cm, the second coat should be applied at a maximum thickness of 2,5 cm after the first coat has set.

Level the surface with a screed.

Once the plaster has hardened sufficiently, float the plaster surface and finish it with a damp sponge.

Consumption

Approx. 15,0 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

Dry Bulk Density, kg/m^3	1600 ± 200
Compressive Strength, N/mm^2	≥ 6 (CS IV)
Bond Strength, N/mm^2	≥ 0,3 (FP:B)
Capillary Water Absorption, kg/m^2.min$^{0.5}$	W0
Water Vapour Permeability Coefficient, μ	≤ 35
Mean Thermal Conductivity, W/m.K (λ10,dry)	0,83
Reaction to Fire	A1

Packaging and Storage

- Supplied on pallets in 25 kg kraft bags.
- Store unopened in the original packaging in a dry, frost-free environment, stacked no more than 8 bags high and without direct contact with the floor. It is recommended to use within 1 year from the production date and within 1 week after opening the bag.
- Keep the packaging tightly closed when not in use.

Warnings

- No foreign material (lime, cement, gypsum, etc.) should be added to the prepared plaster.
- Application is recommended at temperatures between +5 °C and +35 °C.
- In windy conditions, ELTEK® must be protected against rapid drying.
- Plaster mesh should be used at junctions of different materials and at points where movement is anticipated.
- Depending on the ambient temperature, a minimum waiting period of 10 days is required before applying subsequent finishes over ELTEK®.
- To ensure product durability, the surface should be moistened with water at regular intervals for 3 days after application.
- 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.

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Certificate of Conformity

TS EN 998-1 / February 2017 / A1-GP-CS IV

Public Works Item No.: 04.476

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