ENTEGRE
"Building Life"

DOLTEK®

Cement-Based Ready-Mixed Thick Levelling Plaster and Repair Mortar

TECHNICAL MORTARS

Areas of Use

Used for repairing plaster cracks and holes, levelling plaster and concrete surfaces, repairing edges and corners, and creating a sound and smooth surface prior to ceramic applications in interior and exterior areas.

Advantages

- Suitable for use as both a repair mortar and a thick levelling plaster on interior and exterior surfaces.
- Provides high performance due to its excellent adhesion properties.
- Resistant to water and frost.
- Ideal for repairing deep cracks.

Application

Surface Preparation

The application surface must be free from formwork oil, paint and similar substances.
Loose or unstable particles with poor adhesion must be removed from the surface. Application may commence after the surface has been dampened.

Mortar Preparation and Application

Pour the appropriate amount of water (4-5 L water/25 kg bag) into a clean mixing container. Add the powder and mix with a hand mixer. Allow the mortar to rest for 5 minutes, then remix until a homogeneous consistency is obtained.

For surface levelling:
Apply the prepared mortar with a steel trowel. Surface finishing may be completed with a steel trowel or sponge float. Application thickness is 5-10 mm in a single coat and 20 mm in two coats. Where a thicker application is required, apply in two coats. Apply the second coat after the first coat has dried.

For repair purposes:
Remove loose plaster particles. Form a V-shaped groove approximately 10 mm deep along the crack. Fill with mortar using a trowel and, once the filling has hardened, level the surface with a trowel.

Consumption

Approx. 1,6 kg/m^2 for 1 mm thickness.

Technical Values

Class	R1
Mortar Type	PCC
Bond Strength, N/mm^2	≥ 0,8
Compressive Strength, N/mm^2	≥ 10
Chloride Content, %	≤ 0,05
Reaction to Fire	A1

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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Packaging and Storage

- Supplied on pallets in 25 kg kraft bags.
- When stored unopened in its original packaging in a dry, frost-free environment, stacked no more than 8 bags high and without direct contact with the ground, the shelf life is 1 year from the date of manufacture. Once opened, the bag should be consumed within 1 week.
- Keep the packaging tightly closed when not in use.

Warnings

- Do not add any foreign material (lime, cement, gypsum, etc.) to the prepared mortar.
- Mortar that has exceeded its working time must not be reused by mixing it with water or dry mortar.
- To ensure the durability of the plaster, keep the surface moist at regular intervals for 3 days after application, depending on weather conditions.
- Application is recommended at temperatures between +5 °C and +35 °C.
- Protect DOLTEK® against rapid drying in windy conditions.
- Do not apply on frozen surfaces.
- Do not apply under direct sunlight.
- Do not use outside the specified areas of application or contrary to the application instructions.
- Do not inhale directly. In case of contact with eyes, rinse thoroughly with plenty of water and seek medical advice if necessary.
- Request the product Safety Data Sheet for further information.
- Please consult us regarding all other application conditions and technical questions.

Certificate of Conformity

TS EN 1504-3 / April 2008 / Class R1

Public Works Item No: 04.476/E2

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