

### **ELTEK®** **Cement Based Hand Plaster**

#### **APPLICATION FIELD**

Applied on brick, autoclaved aerated concrete, concrete, fair faced concrete, bims, briquette walls and ceilings of interior faces of the buildings.

#### **CHARACTERISTICS**

- Has a function of both thick plaster and coarse plaster.
- It is easy and fast to apply.
- Provides a strong surface with high adhesive resistance

#### **APPLICATION**

##### **SURFACE PREPARING**

- The surface must be purified from form oil, dust, paint and adherence reducing materials.
- All the holes must be filled and repairs must be made with appropriate Entegre product before plastering.
- PRIMEL ® must be applied on surfaces such as autoclaved aerated concrete, brick, etc and PRIMEL PLUS ® must be applied on smooth surfaces such as fair faced concrete at least 1 day before ELTEK®.
- For the application on ELTEK®, you must be sure that the surface is not damp.

##### **MORTAR PREPARING AND APPLICATION**

- ELTEK® mixed with an electrical drill or by hand (9-10 lt water / 50 kg bag) and it applied by the trowel.
- Application thickness must be between 1 cm and 2,5 cm in one coat .If the thickness is more than 2,5 cm, a second coat is applied in max. 2,5 cm thickness after one day.
- Surface is leveled.
- ELTEK® is polished when the surface becomes hard enough and if necessary the operation is completed by a dampened sponge.

#### **CONSUMPTION**

For 1 cm plaster thickness, the consumption is approximately 15,0 kg/m².

## **TECHNICAL DATA**

|  |                                    |
|--|------------------------------------|
| Dry Bulk Density of Hardener Mortar, kg/m <sup>3</sup> | 1600 ± 200                         |
| Compressive Strength, N/mm <sup>2</sup>                | ≥6 (CS IV)                         |
| Adhesive Strength, N/mm <sup>2</sup>                   | ≥0,3 (FP:B)                        |
| Capillary Water Absorbtion                             | W0                                 |
| Water Vapour Permeability, μ                           | ≤ 35                               |
| Thermal Conductivity, W/m.K                            | ≤ 0,83 (λ <sub>10,dry</sub> ) W/mK |
| Reaction to fire                                       | A1                                 |

## **STORAGE & PACKING**

- 25 and 50 kg kraft paper or polypropylene bags, in the sling or shrink covered pallets upon request.
- 1 year from the date of manufacture if stored in unopened original package; under dry, frost free conditions and arranged maximum 8 bags one above the other. Suggested to be consumed in 1 week after the package is opened .

## **SPECIAL SUGGESTIONS**

- The surface must be purified from form oil, dust, paint and adherence reducing materials.
- Suggested that the application is done between +5°C, +35°C.
- ELTEK® should be protected against quick drying in windy weather conditions.
- Fiber mesh must be used at the intersection of different materials and at points, where some movements can occur.
- For the application on ELTEK®, according to the weather conditions, must be waited for at least 10 days.
- For the durability of plaster ,in 3 days after the application, depending on weather conditions the surface must be dampened at intervals.
- Don't go beyond the application field and rules.
- As it is cement based product, do not smell it directly. Wash your eyes in case of contact. Call your doctor if it is necessary.
- For detailed information please request security data sheet.
- Contact us for the other application fields and for your technical questions.

## **CERTIFICATE OF CONFORMITY**



TS EN 998-1/ Ferbruary 2017 A1-GP-CS IV-W0

*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.*

**ENTEGRE HARÇ SANAYİ VE TİC. A.Ş.**

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