

TEC MONOQUCH

Cementitious Ready-Mix Colored Plaster

TEC Monoquch is a ready-mix cementitious plaster, colored and water resistant. Maintaining a homogenous mix and its additive composition provides for greater workability and curing. It is utilized in both interior and exterior plastering projects.

SCOPE OF USE

- Used after structural completion (electric wiring, plumbing, and air conditioning connections)
- For external and internal use on walls, roofs, and surfaces for decoration purposes
- Applied directly on cast concrete, pre-fabricated concrete, and concrete blocks/bricks
- Used as a final layer in internal and external plastering works
- Plaster applied on walls or directly on blocks, usually on rear facades

ADVANTAGES

- Water resistant
- Resistant to weather factors, high temperatures, freezing and rain
- Colorfast and available in 15 colors
- High abrasion resistance
- Regular color providing an aesthetic surface appearance
- Helps the natural evaporation of water content
- Adds an attractive look to facades
- Easy to apply with no smell
- Economical in use with very low wastage

TECHNICAL PROPERTIES

COVERAGE	3 kg per 1 m ² with 3 mm thickness
MIXED DENSITY	1.47 ± 0.01
POT LIFE	More than 2 hours
INITIAL ADHESION	Less than 0.3 N/mm ²
BENDING STRENGTH	1 - 3 N/mm ²
DENSITY OF HARDENED PRODUCT	1.8 - 2 N/mm ²

APPLICATION GUIDE

1. Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt, and curing compound, and generously wetted before application.

2. Mixing

Add 3 - 4 liters of clean water to 20 kg of TEC Monoquch. Mix well with an electric mixer for three minutes until a homogeneous mix is achieved, then leave the mix to set for 5 minutes.

3. Application

Apply by manual plastering trowel or mechanical projection machines. To gain waterproofing, Protect CB 101 two-component cementitious waterproofing can be applied as a base layer before plastering.

PACKAGING & STORAGE

- **Packaging:** Available in 20 kg and 25 kg bags.
- **Storage Conditions:** TEC Monoquch should be stored at temperatures between 5°C and 35°C in closed packaging. The storage area should be dry, well-ventilated, and away from any source of heat or direct sunlight.
- **Shelf Life:** 12 months from the date of manufacture.
- **Support:** If these requirements are breached, contact the Technical Department of Pro-tec for assistance.

HEALTH, SAFETY & CAUTIONS

TEC Monoquch is a cement-based product; always take care and adhere to standard safety precautions during handling and application.

- **Protective Gear:** Wear protective clothing, such as gloves and goggles. Apply in a well-ventilated area, and avoid dust inhaling.
- **Skin & Eye Contact:** Splashes on the skin should be washed away with soap and water immediately. In case of contact with eyes, wash thoroughly with clean water.

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