



CONSOL TOP 131 FC

Polymer Modified, Multipurpose Surface Repair Mortar

DESCRIPTION

CONSOL TOP 131 FC is a cement based polymer modified compound, consist of two-component, easy to form for general repair concrete surfaces.

RECOMMENDED FOR

CONSOL TOP 131 FC is easy to apply for repairing surface concrete such as :

- Filling honeycomb and fine holes.
- Reshaping imperfect concrete edges
- Protective coating reinforcing steel under aggressive environment.
- Sealing thin cracks.

BENEFITS

CONSOL TOP 131 FC provides the following properties of benefit such as :

- Acceptable comprehensive strength.
- Thixotropic characteristic for effortless mixing and application.
- Adjusted consistency.
- High resistance to chloride and salt water.
- Low permeability.
- Good adhesion.

COVERAGE

2.1 kg/m² per mm thickness

INSTRUCTION FOR USE

Surface Treatment

1. Prepare surface area by cleaning and grinding.
2. Use potable water to damp the surface until saturated surface dry (SSD) with no standing water.

Mixing

Pre-Batched units:

Add Component B to Component A partially together for at least 3 minutes with a mixing spindle attached to a slow speed electric drill (max.300rpm) until reaching desire consistency and a uniform grey color. Avoid aeration while mixing. Then, pour the whole mix into a clean container and stir again for approx. 1 more minute at low speed to keep air entrapment at a minimum. Mix only that quantity which can be used within this pot life. Best to use trowel with desire smoothness after finishing.

APPLICATION

Curing

Cure with an approved curing method such as water treatment or Consol Cure S or Consol Cure E White Curing Compound.

Cleaning Tools

Clean all tools and application equipment with general cleaner after use. Hardened/cured material can only be mechanically removed.

TECHNICAL DATA

Form

A: Liquid B: Powder

Colour

Concrete Grey

Mixing Ratio

Spatula Type = Comp. A : B = 1 : 5

Adhesive Type = Comp. A : B = 1 : 4.5

Mixing Density Approx. 2.1 kg/l

Pot Life 30⁰ C 25 minutes

Bond Strength to concrete 28 days

≥15 kg/cm² (concrete failure)

Compressive Strength (ASTM C-109)

3 Days : ~200~250 kg/ cm²

7 Days : ~250~300 kg/ cm²

28 Days : ~300~350 kg/ cm²

Shelf Life

9 months when unopened.

Storage

Dry, cool, shaded place

Packaging

25 kg set

Handling Precautions

- Avoid contact with skin and eyes
- Wear protective gloves and eye protection during work
- If skin contact occurs, wash skin thoroughly
- If in eyes, hold eyes open, flood with warm water and seek medical attention without delay.