



Hydratop HB

2-Component High Build Cementitious Mortar for Structural Repair

Description

Hydratop HB is a 2-component cementitious mortar which incorporation advance cement chemistry, micro silica, re-enforcement fiber and acrylic copolymer. It provides a rapid hardening low-density high strength mortar. The thixotropic nature enables easy high build trowel application for the structural repair of voids and rendering of both vertical and horizontal surfaces.

Object

For concrete structure repair by patching. Hydratop HB is suitable for patching in vertical and thin patching for overhead work.

Advantages

Hydratop HB provides the following benefits;

- Pre-packed, easy to use material
- Quality controlled consistency result
- Shrinkage compensation
- High Build - Non Slump
- Desirable low permeability
- High compressive strength
- High bonding strength
- Easy to over coat

Packaging

25 kg./Set

Introduction for use

- Pre-water on the surface until the surface is saturated.
- Hydratop HB is available in pre-weight from ACT 's factory that contain all ingredients for one mix. Do not change proportions of ingredients in the package but use up all ingredients in one mix. One set consists of : liquid concentrate in a container; dry material in bags.
- Mix together the two components in the required proportions and mix with a suitable low-speed drilling machine equipped with a paddle;
- Apply with trowel or putty knife

Physical Data

Appearance :	Concrete Grey
Plastic Density :	1700 kg./m ³
Thickness :	0.5 – 5.0 cm.
Pot Life :	30 – 40 °C
Compressive Strength :	450 ksc@ 28 days
Flexural Strength :	650 ksc@ 28 days
Bonding Strength :	2.0 N/mm ²

Precautions

Suitable precautions should be taken to minimize direct contact to skin. Should the material enter the eyes, rinse immediately with clean water and seek medical attention.

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