



Hydratop FB

Cementitious Repair Mortar With Fiber

Description

Hydratop FB is a ready to use, 1-component, Non Shrink, repair mortar consisting of cement, aggregate, chemical additive and fiber. Hydratop FB remains workable also at sub-zero temperatures and may be applied down to -25 °C.

Object

- For concrete repairs to floors, curbs and other cementitious based structures in cold stores
- For repairs to floors in factories and warehouses where very quick repairs are needed and minimum re-commissioning time required
- Concrete repairs to horizontal, vertical or inclined surfaces
- For filling cavities in concrete, such as honey-combs and voids
- For repairs to steps in stairs of concrete other natural stones
- Does not require priming of surface prior to application
- For quick repairs to floors where low spots have to be rectified on floors for VNA and other high-lifting fork-lift trucks requiring very flat floors
- For quick spot repairs to bridge-decks, concrete surfaces of expressways and high-way, ramps, air-port aprons, etc
- Suitable for patching in vertical and thin patching for overhead work.

Advantage

- Bonds very well to surfaces subject to frequent temperature changes (door-areas in cold stores)
- Very high early strength and flexural strength
- Complete water-resistance
- Easy to use for different thicknesses

Instruction for Use

- Concrete surface must be free from oil, laitance, fat, grease and loose particles. If required, it is recommended that old concrete surfaces should be removing organic as also inorganic residue such as paint, polyurethanes, epoxy-paints and other chemical spills.
- Before beginning with the application the base should be lightly moistened; slightly damp but still absorbent and never saturated with water.
- Construction joints and expansion joints should be filled with a suitable joint sealant such as Hydraflex 300 available from ACT or other kinds of sealant such as of bituminous, rubberized sealants if used on expressways, high-ways, etc.
- Mix Hydratop FB with water together and mix with a suitable low-speed drilling machine equipped with a paddle;
- Pot-life is about 30 minutes at ambient temperatures.
- Curing after the patch has acquired its initial set cure by keeping moister.

Characteristic

● Form :	Powder
● Density :	2.1 kg/liter
● Appearance :	Light grey
● Pot Life	20-30 min.
● Compressive Strength	
@ 24 Hr :	20-25 N/mm ²
@ 28 Days :	55-60 N/mm ²
● Shrinkage :	None

Precaution

Eye-protection and gloves recommended. If material comes in contact with eye, rinse immediately with plenty of clean water without rubbing. If continued irritation, contact medical doctor.

Cleaning

Clean all tools immediately after use by rinsing down thoroughly. While working, keep tools wet and clean frequently.

Packaging

Powder in bags of 25 kg.

Storage

Store under dry conditions and in unopened containers, not below + 5° C. Do not expose to strong sun shine. Keep well away from open flames.

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