

ChemFast Hardener

Hardener for Concrete, Bricks, Hollow Blocks
& Paver Blocks

Customized Construction Chemicals

Description:- ChemFast Hardener is a chloride based, multipurpose additive designed to accelerate the setting time of Bricks, Paver Block, and Hollow Blocks, concrete, mortar and plasters. ChemFast Hardener improves the plastic and hardened properties such as workability, compressive strength and flexural strengths.

Characteristic Parameters

It conforms to specification prescribed in IS 9103:1999

Test Parameters	Specification
Appearance	Clear to Light Yellow Hazy Colour Liquid
Specific Gravity at 27°C	1.27 ± 0.02
pH at 27°C	≥6
Solubility	Free Soluble in Water

Features/Advantages

- ❖ Early stripping and re-use of forms.
- ❖ Faster finishing operations on flatwork surfaces.
- ❖ Increases early strengths and allows faster repairs.
- ❖ It can be used with all type of cements.
- ❖ Densifies concrete Minimizes bleeding and segregation.

Applications

- ❖ Structural Concrete.
- ❖ Concrete Blocks, Paver and Hollow Blocks.
- ❖ Concrete Pipes.
- ❖ Precast Items.
- ❖ Bricks.

Application Methodology

- ❖ Add ChemFast Hardener with dosing water. It should not come into contact with dry cement, Aggregate, Sand etc.
- ❖ Firstly Charge all concrete material into the mixer and mix for 1 minutes. Then add about 70 % water in Concrete and mix for 3 minutes.
- ❖ Add remaining water with admixture and mix for 3 additional minutes to obtain the required Properties.

Dosage: - Add 0.8 – 3.2 % by weight of cementitious material.

Health & Safety

- ❖ Before handling wear Nose mask, Hand gloves, Helmet & Goggles.
- ❖ Avoid contact with skin / eyes, and avoid swallowing.
- ❖ If contacted with skin, clean immediately with plenty of clean water.
- ❖ Ensure adequate ventilation and avoid inhalation of vapor.

Packing:- 5, 20, 50 and 250 kg.

Shelf-Life and Storage Condition:- Shelf life is 12 months from the date of manufacturing when stored with undamaged and unopened original sealed drum. Keep in dry and cool place & temperature should be +10°C to + 30°C.

Our other products ranges are:-

- Concrete Admixtures
- Sealants & Primer
- Industrial Floorings
- Concrete Repair Products
- Mould Release Agents
- Adhesive for Tiles, Marbles and Stones
- Concrete Curing Compounds
- Waterproofing Chemicals
- Industrial Grouts
- Concrete Hardeners
- Concrete Bonding Agents
- Joint Filler Grouts for Tiles, Marbles and Stones

Offshore

Important Note:- Offshore Chemox products are confirming standard manufacturing specification and procedure. Offshore Chemox products are given in good faith based on Offshore Chemox current knowledge and experience of the products when properly stored, handled and applied under normal conditions. Offshore Chemox product are confident against defective materials and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Whilst Offshore Chemox endeavors to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it cannot, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification, recommendation or information given by it.

OFFSHORE CHEMOX

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