

ChemPlast CPB 200

Cement Saver for Concrete Blocks

Customized Construction Chemicals

Description:- ChemPlast CPB 200 is a brown or dark brown colour liquid which has been formulated for optimum performance as a cement saver under manufacturing conditions encountered in Concrete blocks. It is used to reduce material cost by reduction in cement without loss of strength or by increasing strength without additional cement. To get high early strength to improve upon productivity.

Characteristic Parameters:-

It conforms to specification prescribed in IS: 9103:1999

Test Parameters	Specification
Appearance	Brown Colour Liquid
Specific Gravity at 27°C	1.0 ± 0.02
Ph. at 27°C	≥6
Chloride Content %	0.0001

Features/Advantages

- ❖ Cement saving - strength, density and yield maintained with less cement.
- ❖ Increased strengths - higher strength without additional cement.
- ❖ Reduction in breakages - reduced breakages through increased green strength.
- ❖ Improved production - production cycle time can be reduced allowing more blocks to be produced in a given period.

Applications

- ❖ Masonry block units.
- ❖ Pavers.
- ❖ Plain cement tiles, Cement roof tiles.
- ❖ Cement Terrazzo tiles.
- ❖ Concrete poles & pipes.

Application Methodology

- ❖ Add ChemPlast CPB 200 to the 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 to 2 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 slump & Properties.

Dosage:- Add ChemPlast CPB 200 0.4-0.6 % by weight of cementitious material. Do not add over dosage otherwise it will bleed or will retard the setting time. Actual dosage to be finalized on the basis of site trials.

Health & Safety

- ❖ Before handling wear Nose mask, Hand gloves & 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:- 220/230 Kg Barrel.

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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