

ChemPlast SUPER

High Range Water Reducing Additive

Description:- ChemPlast SUPER is a sodium naphthalene formaldehyde base high range water reducing agent which increase workability and early strength development of concrete. It's reduce 15-20 percentage of water and increase 35-40 percentage concrete strength. It's also reduce seelan problems of buildings.

Characteristic Parameters

It conforms to specification prescribed in IS: 9103:1999

Test Parameters	Specification
Appearance	Brown Colour Liquid
Specific Gravity at 27°C	1.170 ± 0.02
Ph at 27°C	≥ 6
Chloride Content %	0.0001

Features/Advantages

- ❖ Decreases the amount of water at least 15-20 % by weight of cementitious material.
- ❖ Increase water tightness.
- ❖ Increases early and final strength.
- ❖ Improves concrete compressive and flexural strength.
- ❖ Compatible with all types of Portland cement.
- ❖ Also reduce seelan problems.

Applications

- ❖ In the production of precast and prefabricated concrete.
- ❖ Early de-molding needed.
- ❖ Water reducing.
- ❖ Warehouses.
- ❖ Concrete floors.
- ❖ Concrete structure.

Application Methodology

- ❖ Add ChemPlast SUPER 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 properties.

Dosage:- Add ChemPlast SUPER 0.4 - 2 % 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: - 1, 5, 10 and 20 Kg container.

Shelf-Life and Storage Condition: - Shelf life is 12 months from the date of manufacturing when stored with undamaged and unopened original sealed container. 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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