

## ChemPlast SP 200

Normal Range SNF Based Plasticizer for High Performance Concrete

**Description:** -- ChemPlast SP 200 is a SNF based general purpose plasticizer for PMGSY, CC and RCC roads and local concrete road. ChemPlast SP 200 increase concrete consistency and workability. It produce cohesive mix and increase compressive strength of concrete. It is a brown color liquid solution which instantly disperses in water.

### Characteristic Parameters

It conforms to specification prescribed in IS: 9103:1999

Test Parameters	Specification
Appearance	Brown Colour Liquid
Specific Gravity at 27°C	1.08 ± 0.02
Ph at 27°C	≥ 6
Chloride Content %	0.0001

### Features/Advantages

- ❖ It is economical to use.
- ❖ Compatible with most cement types.
- ❖ Make concrete mix cohesive and workable with good consistency.
- ❖ Improve concrete strength compare to normal mix.
- ❖ Decrease water permeability.

### Applications

- ❖ Concrete PMGSY, CC and RCC roads.
- ❖ Used for half or one hour retention.
- ❖ Increase workability.
- ❖ Precast concrete.

### Application Methodology

- ❖ Add ChemPlast SP 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 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 property.

**Dosage:**-Add ChemPlast SP 200 0.5-2 % by weight of cementitious material. 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**

(AN ISO 9001: 2015 Certified Company)  
Plot. No.1032/135 BPCL Petrol Pump  
Campus, Gorewada Road, Gittikhadan  
Square, Nagpur- 440013 (Maharashtra)  
Phone:-07304444499, 8412843399  
Email: [info.offshorechemox@gmail.com](mailto:info.offshorechemox@gmail.com)  
Web: [www.offshorechemox.com](http://www.offshorechemox.com)



**Customized Construction Chemicals**