

## ChemProof IWC L

Liquid form Integral Waterproofing Compound for  
Concrete, Mortar and Plaster

**Description:-** ChemProof IWC L is a liquid form integral waterproofing compound which is used for waterproofing of concrete, mortar and plaster used in RCC, columns, beams, basements, roof slabs and screeds, water tank, water retaining structure, external plastering, bathrooms and balconies, sumps and drains reacts with the constituents of sand : cement mix to block capillaries and pores in concrete. Its increase concrete workability and consistency for smooth working.

### Characteristic Parameters

It conforms to specification prescribed in IS 9103 & IS: 2645-2003.

Test Parameters	Specification
Appearance	Brown Colour Liquid
Specific Gravity at 27°C	1.06 ± 0.02
Ph. at 27°C	≥6
Chloride Content %	0.0001

### Features/Advantages

- ❖ Liquid admixture: Instant and complete dispersion throughout the mix.
- ❖ Uniform waterproofing throughout concrete matrix.
- ❖ Improved workability and consistency of concrete.
- ❖ Improves compaction of concrete and mortar, even where harsh sands or aggregates are used.

### Applications

**Mortar:-** ChemProof IWC L is ideal for use with all sand/cement mortars where it is required to reduce Permeability.

**Concrete:-** ChemProof IWC L is recommended for all general mass Concrete work where due to harsh Aggregates, difficulty of Compaction or mix control, the risk of porosity and permeability must be minimized.

E.g. Basements, bund walls, tanks, Balcony, floor and roof Slabs.

### Application Methodology

- ❖ Add ChemProof IWC L 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 Properties.

**Dosage:-** Add ChemProof IWC L 0.4 -1.0 % by weight of cementitious material. Actual dosage to be finalized on the basis of site trials.

### Health & Safety

- ❖ Before handling the product 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, 20 and 200 Liter.

**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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