

ChemProof IWC P

Powder Form Integral Waterproofing Compound for
Concrete, Mortar and Plaster

Customized Construction Chemicals

Description:-ChemProof IWC (P) powder is a fine, white powder ready to use with concrete or cement mortar mixes. ChemProof IWC (P) powder is a traditional admixture to fill natural pores within the concrete or mortar matrix to reduce porosity and improve water tightness.

Characteristic Parameters

It conforms to specification prescribed in IS: 2645:2003.

Test Parameters	Specification
Appearance	Free Flowing Powder
Bulk Density	1.30 gm/cc
Setting Time at 30°C, Minutes	30 – 60

Features/Advantages

- ❖ Easy to use- Simple application familiar to site operations.
- ❖ High Quality - Traditional waterproofing material manufactured to latest standards.
- ❖ Workability - Improves workability.

Applications

- ❖ Mortar - ChemProof IWC (P) powder is suitable for use with sand/ cement mortars where it is required to reduce permeability.
- ❖ It can also be used in external plastering of roof and balcony screeds, plastering of basements and tanks, external masonry walls.
- ❖ ChemProof IWC (P) powder is recommended for use with concrete mixes where it is required to reduce permeability.

Application Methodology

For Concrete

- ❖ Add ChemProof IWC (P) while dry mixing cement, sand and aggregates.
- ❖ Add water gradually directly to the dry mix to get the required consistency.
- ❖ Mix the entire quantity for approx. 3 minutes to achieve homogeneous mix.
- ❖ Recommended water for concrete is 23 - 25 liters per 50 kg bag of cement.
- ❖ Pour the mixture on a tray and use as per requirement and lay the concrete.
- ❖ Cure as per normal procedure by ponding/ curing compound (ChemCure WB/ ChemCure RB)

For Mortar

- ❖ Add ChemProof IWC (P) while dry mixing cement and sand
- ❖ Add water gradually directly to the dry mix to get the required consistency
- ❖ Mix the entire quantity for approx. 3 minutes to achieve homogeneous mix
- ❖ Recommended water for mortar is 28 - 30 liters per 50 kg bag of cement
- ❖ Use as per requirement and lay the mortar.
- ❖ Cure as per normal procedure by sprinkling with water/ curing compound (ChemCure WB/ ChemCure RB)

Cleaning of Tools:- Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be mechanically removed.

Doses:- Typical dosage is 1.0 to 2.0 kg per 100 kg of cementitious material. Other dosages may also be used depending on the specific requirements.

Health & Safety

- ❖ Before handling product wear suitable protective clothing, gloves, Nose mask, helmet and Goggles.
- ❖ Avoid contact with skin /eyes, and avoid swallowing.
- ❖ Inhalation of dust during mixing should be avoided.
- ❖ If material contacted to skin rinse with plenty of clean water, then cleanse with soap and water.
- ❖ In case of eye contact, wash with plenty of clean water and seek medical advice.

Packing: - 5, 25 kg. Moisture proof bag.

Shelf-Life and Storage Condition:- Shelf life is 12 months from the date of manufacturing when stored with unopened and undamaged sealed moisture proof bags. If stored in high temperature and high humidity place, shelf life may be reduced.

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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