

ChemColourProof

Acrylic Polymer Based Elastomeric
Waterproofing Coating System

Description:-ChemColourProof is an acrylic polymer base elastomeric liquid membrane, which is a highly elastic, solvent free, natural rubber like waterproofing system. It has excellent crack bridging properties, Flexibility and increased durability with age. It also offers resistance to the growth of microbial organisms and inherits waterproofing properties thereby preventing moisture attack.

Characteristic Parameters

It conforms to specification prescribed in: ASTM 6083, ASTM D412

Test Parameters	Specification
Appearance	White/ Other Colour on Demand
Density at 27°C	1.30 ± 0.05
Ph at 27°C	8 - 9
Solid Content %	60 ± 1
Chemical Resistance	Resists Mild Acids and Alkalis
Dry Film Thickness	1.0 mm
Tensile Strength	>0.5 mpa
Elongation % at Break	>300

Features/Advantages

- ❖ Easy to apply, environmentally safe, non-polluting green product.
- ❖ UV resistant elastomeric coating.
- ❖ Excellent adhesion - Bonds to porous and nonporous surfaces.
- ❖ High crack bridging property.

Applications

- ❖ To reface and even out variations in concrete surfaces.
- ❖ As a waterproof lining for water retaining structures.
- ❖ For coating seawater channels.
- ❖ Weatherproofing of exterior masonry, concrete, cement, sand renderings and all types of exterior walls.
- ❖ For waterproofing and protection against brackish water.

Application Methodology

Surface Preparation

All surfaces to which it is applied must be sound, stable with an even finish and free from dust, loose debris etc.

Crack Treatment

If there is any crack up to 2 mm to 5 mm, clean those cracks with vacuum cleaner, to open cracks. Fill all structural cracks/defects before application of ChemColourProof with polymer mortar made out of ChemProof SBR and leave it to dry for overnight.

Application of Primer

Though Chem Colour proof adheres strongly with most of building materials like cement concrete, Mortar, bricks, woods etc. Use of primer (for primer mix ChemProof with water in the ratio of 1:0.5) provide better performance of final coating system. Stir well the primer and apply it with soft brush or roller over the dry surface. Generally one coat is enough. If the surface is too porous apply two coats of primer. Time interval between two coats should be 2-3 hours.

Application

After the application of primer coat allow it to dry for 2-3 hours. Stir ChemColourProof to a homogeneous smooth consistency and apply it horizontally with soft nylon brush, roller or squeeze to thickness of 500 to 600 microns in single coat. Allow it to dry for approx. 4-5 hours. When the applied coat becomes sufficiently dry apply second coat vertically. Two coat (1 mm thickness) are sufficient for general waterproofing but for severe conditions, three or more coats are required to achieve desired results.

Health & Safety

- ❖ Before handling product wear suitable protective clothing, gloves, Nose mask, helmet and Goggles.
- ❖ Avoid contact with skin /eyes, and avoid swallowing.
- ❖ 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, 10 and 20 Liter HDPE Bucket.

Shelf-Life and Storage Condition: - Shelf life is 12 months from the date of manufacturing when stored properly in 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

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.

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