



AEROTM
CONCHEM LLP

AN ISO 9001 : 2008 CERTIFIED COMPANY

WATERSTOP FLX

Two Part Polymer Modified Flexible Water Proof Coating

Description

Two component, flexible polymer modified cementitious coating for the protection and waterproofing of concrete surfaces, balconies, terraces, bathrooms and swimming pools.

Uses

- Waterproofing and protection of concrete structures, renders and cementitious screeds.
- Waterproofing bathrooms, showers, balconies, terraces, swimming pools etc. before laying ceramic tile dressing.
- Waterproofing retaining walls or pre-cast concrete elements embedded in the ground.
- Protection of render or concrete with cracks caused by shrinkage, against the infiltration of water and aggressive atmospheric elements.
- Protection of concrete surfaces which may come into contact with sea water, de-icing salts, such as sodium or calcium chloride, and sulphates..

Advantages

- Pre packed easy to use waterproofing coating ensures excellent waterproofing characteristics.
- If forms a flexible layer impermeable to CO₂, SO₂, chlorides and sulphates.
- Excellent adhesion to most of the construction materials.
- Economical and cost effective waterproofing system.

Instruction for use

Surface Preparation

The surface to be treated must be solid and perfectly clean. Remove all cement laitance, flaky parts and traces of powder, grease, oil and form release agents. Where cracks are present, cracks must be treated with CRACKPACK or CRACKPACK AR.

Mixing

Pour liquid in to a suitable clean container. Then slowly add powder while stirring with a mechanical mixer, carefully mix WATERSTOP FLX for a few minutes making sure that no powder remains stuck to the sides or the bottom of the container. Keep stirring until a perfectly homogenous mix is obtained. Use a low speed mixer for this operation to avoid too much air being dragged in to the mix.

Application

The prepared surface must be thoroughly wetted with water for absorption and excess water to be removed. Apply WATERSTOP FLX by brush at a maximum thickness of 1 to 1.5 mm per layer. Successive coats must only be applied

Typical Properties & Specifications:

PRODUCT DATA		
	Comp. A	Comp. B
Consistency	powder	liquid
Colour	Grey	Milky Liquid
Density(g/cm ³)	1.4	1.010
Dry solid content	100	30

Sr.No	Properties	Specification
APPLICATION DATA @ 30 °C		
1	Colour of mix	Grey.
2	Mixing Ratio	Comp. A : Comp. B 2 :1
3	Consistency	Brushable (Applied by Brush)
4	Application temperature range	5 °C to 40 °C
5	Pot Life	30 minutes.
FINAL PERFORMANCE :		
Adhesion to concrete (N/mm ²)		
6	After 28 days @ 30 °C	1.0
7	Elongation DIN 53504	30 %

when the previous one is dry. (after 6 – 8 hours) Manual application of the WATERSTOP FLX must be applied within 30 mins. of it being mixed.

Cleaning

Tools should be cleaned immediately after use with clean water.

Packing & Coverage

Units of 15 kg.

Component A: 10 kg. bags.

Component B: 5 ltrs. Jerry can

One pack covers 9 m² to 13 m² @ 2mm thickness.

Coverage depends upon the substrates.



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Shelf Life & Storage

WATERSTOP FLX has a shelf life of 12 months from date of manufacture when kept at a temperature between 5 °C to 45 °C and store in the original, unopened bags. All material shall be stored under cover in a manner that will prevent damage preferable on pallets and protected from excessive heat and moisture. Do not freeze.

Quality Assurance

AERO CONCHEM LLP is a firm of Assessed Capability. The company's quality system conforms to ISO 9001:2008.

Health & Safety

WATERSTOP FLX should not come into contact with skin, eyes or be swallowed. Protective glasses should be worn during mixing and application. Should WATERSTOP FLX come into contact with skin, remove before hardening by washing with soap and water. Should accidental eye contact occur wash with plenty of water and seek medical advice. If swallowed seek medical advice immediately. Do not induce vomiting. For full health and safety data refer to Product Safety Data Sheet.

OUR RANGE OF PRODUCTS



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