Dr. Fixit Fastflex

HIGH PERFORMANCE POLYMER MODIFIED
CEMENTITIOUS COATING

Description

Dr. Fixit Fastflex is a two component cementitious coating system for waterproofing of wet areas and any water retaining structures such as swimming pools and water features.

Typical Applications

- Any concrete, cement or masonry surface that are subject to moisture ingress.
- Swimming pools, water features and water tanks.
- Bathrooms, toilets, balconies, planters etc.

Features

- Seamless, impervious membrane.
- Elastomeric.
- High film build-up.
- Excellent adhesion to concrete and masonry substrates.
- Low VOC.
- Easily applied by brush, roller or trowel.
- Can be applied on damp surfaces.

Packaging

12 kg (7 kg powder + 5 kg polymer)

Method of Application

1 SURFACE PREPARATION

- The substrate must be sound, clean and free from dirt, oil and loose material.
- Masonry surfaces should be fully cured (minimum 28 days) prior to application.
- All surface cracks, undulations and voids must be repaired before application using a suitable Dr. Fixit repair material.
- Substrates must be surface dry prior to application.

2 MIXING

- Using a slow speed mechanical mixer and a clean suitable mixing vessel, slowly add the powder component to the liquid polymer and stir until a smooth and homogenous slurry, is achieved.
- Allow the mixed slurry to stand for 5 – 10 minutes before use.
- Do not dilute with water.

3 APPLICATION

- Apply Dr. Fixit Fastflex slurry by brush, roller or trowel.
- Allow the first coat to dry completely for 6 – 8 hours before applying the second coat.
- Apply second coat at right angles to the first coat.

Precautions & Limitations

- Do not add water to Dr. Fixit Fastflex during application.
- Dr. Fixit Fastflex needs atleast 7 days for water or moisture curing. Cure with help of moist hessian cloth.
- Do not cure by flooding with water or conduct any ponding test before it gets completely cured.
- Concrete & masonry surfaces must be cured for 28 days before application.
- Overlay of a cementitious screed must be done with 24 to 48 hrs. if applied in wet areas & bathrooms.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Mix ratio (liquid: Powder), parts by wt.		1:1.4
Surface dry time, minutes	ASTM D 1640	45
PH		> 10
Inter coat application time, Hrs		6-8
Cure time after 2nd coat, days		7
Tensile strength, N/mm^2	ASTM D 412	1.0
Elongation at break, %	ASTM D 412	120 minimum
Adhesion strength, N/mm^2	ASTM D 4541	0.8 minimum
Crack bridging	ASTM C 836	No cracking up to 2 mm
Water penetration (5 bar pressure)	DIN1048	Pass
Hardness, Shore A	ASTM D 2240	60
Reduction of rapid chloride permeability, % (Compared to control)	ASTM C 1202-97	92
Toxicity	BS 6920 part I : 2000	Passes
Food grade certification	CFTRI certification	Passes

Theoretical Coverage

Approximately 0.5 - 0.55 m^2/kg in 2 coats at 1.2 - 1.5 mm DFT

Coverage may vary depending upon the nature and texture of the substrate

Shelf Life

Shelf life is 12 months from the date of manufacturing if stored in original and unopened packaging in a cool dry place away from direct sunlight.

Health and Safety

This product is a water based emulsion of non-hazardous polymer. It is nonflammable and essentially non toxic. Normal industrial hygiene procedures should be adhered to particularly when spraying and it is recommended that gloves and eye protection be worn. In case of skin or eye contact thoroughly irrigate with water and seek medical advice if any irritation develops or persists. In the case of accidental ingestion, wash mouth out with water and seek medical attention. Spillages should be cleaned up immediately with water as they will leave a film on evaporation. See MSDS for further information.

Other Products Categories available

Dr. Fixit brings you the widest range of Construction Chemicals

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