

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 Powder: 14 kg

Liquid: 10 ltrs

Yield: 15 ltrs

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



Note:

- Do not dilute Dr. Fixit Fastflex with water.
- Do not cure by flooding with water or conduct any ponding test before completely cured.
- Concrete and masonry surfaces must be cured for 28 days before application.
- When installed as a waterproofing system Dr. Fixit Fastflex must be protected from damage caused by site activity and traffic until overlaid with the final finish.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
VOC Content	Maximum allowable 140 g/ ltr	< 1 g / ltr
Mix ratio (Liquid:Powder) parts by wt.		1:1.4
Surface Dry Time, minutes	ASTM D1640	45
PH		>10
Inter Coat Application Time Hours		6 – 8
Cure Time after 2nd coat		7 Days
Tensile Strength N.mm2	ASTM D 412	> 1.0
Elongation at Break	ASTM D 412	145%
Adhesion Strength N/mm2	ASTM D 4541	0.8 minimum
Crack Bridging	ASTM C 836	No cracking up to 2 mm
Water Penetration		
Hydrostatic (Positive 7 bar) water pressure	BSEN 12390-8	NIL
Hydrostatic (Negative 5 bar) water pressure	BSEN 12390-8	NIL
Hardness Shore A	ASTM D 2240	60
Reduction of Rapid Chloride Permeability (Compared to Control)	ASTM C 1202-97	92%

Theoretical Coverage

1.0 ltr/mm/sq.mt per coat (DFT 1 mm). Recommended two coat applications.

Storage powders

When stored in dry conditions in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C and high humidity (above 50%) will reduce shelf life and product performance.

Storage liquids

When stored in dry conditions out of sunlight in original unopened packaging this product has a shelf life of 12 months. Storage above 35°C will reduce shelf life and product performance.

Health and Safety

This product is a water based emulsion of non-hazardous polymer. It is nonflammable and essentially nontoxic. 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.



DR. FIXIT offers a wide range of Structural Protection and Waterproofing systems:



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



GROUTS & ANCHORS



MORTARS



MARBLE & STONE PROTECTION



PERFORMANCE FLOORING



UNDERLAYMENTS



SPECIALITY CONSTRUCTION PRODUCTS



TILE ADHESIVES & GROUTS

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