

Dr. Fixit Newcoat



HEAVY DUTY REINFORCED TRAFFICABLE WATERPROOF COATING

Description

Dr. Fixit Newcoat is a white, fibre-reinforced waterproofing membrane suitable for applications where the applied coating may be subject to traffic.

Typical Applications

- Flat roofs.
- Terraces and podiums.

Features

- Bridges cracks up to 2 mm.
- 3 coat system.
- Long term resistance to UV degradation.
- Will accept foot traffic.
- Abrasion Resistant.
- Can be applied by brush or roller and is easily overcoated.
- High tensile strength makes it resistant to tearing and cracking.
- Non-toxic.

Packaging

20 litres

Method of Application

1 SURFACE PREPARATION

- Ensure the roof has a minimum drainage fall of 1:100.
- All bitumen products (old coatings etc) must be completely removed.
- The substrate must be sound and any repairs carried out using a suitable Dr. Fixit repair material.
- All cracks less than 2 mm must be vacuumed to remove all dust and debris and primed with Dr. Fixit Primeseal AE. The crack must then be sealed using undiluted Dr. Fixit Newcoat.

2 MIXING

- Dilute Dr. Fixit Primeseal AE with water at a ratio of 2:1 and apply at approx. 0.15 ltrs/sq.mt and allow to dry for 6 - 8 hours.
- Apply the first coat of Dr. Fixit Newcoat without any dilution at the rate of 0.5 ltr/sq.mt and allow it to dry before applying the 2nd and 3rd coats at the same rate.
- Roofs in excess of 200 sq.mt should receive a layer of suitable reinforcing fabric incorporated within the first coat.
- Drying time between coats will be 6 to 8 hours.
- Allow the system to cure fully for 7 days prior to carrying out a water test (if required).



Note:

- All corners, gaps, joints, protrusions and outlets should be coated with an extra coat incorporating reinforcing fabric.
- Do not apply during rain, substrates must be surface dry for primer application.
- The product is designed for foot traffic only.
- Do not apply Dr. Fixit Newcoat over expansion or moving joints.
- Larger roofs over 200 sq.mt should be reinforced using a suitable reinforcing fabric.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
VOC content	Maximum allowable 140 g/ltr	< 5 g/ltr
Solid Content %		60 ± 5 %
Hardness (Shore D)	ASTM D 2240 : 2002	> 35
Tensile Strength N/mm ²	ASTM D 412 : 2002	> 0.9
Elongation at Break %	ASTM D 412 : 2002	> 140
UV Resistant - Accelerated	ASTM G 154 : 2000	Excellent: No thermal degradation
Weathering (1000 hours)		No cracking, chalking and discolouration
Adhesion Strength N/mm ²	ASTM D 4541:2002	1.0
Water Vapour Transmission	ASTM E 96 : 2000	19 g/m ² /day
Yeast & Mold	ASTM D 3273 ASTM D 3274	Satisfactory
Crack Bridging	ASTM C 836 : 1995	a) No cracks up to 2 mm width b) No cracks up to 1 mm (10 cycles)
Rapid Chloride Permeability	ASTM C 1202 - 97	Very low
Water Permeability	BSEN 12390	Nil against control

Theoretical Coverage

0.5 ltr/sq.mt/coat (3 coats required)

Storage

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 non-flammable 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.

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



WATERPROOFING



CONCRETE & STRUCTURAL REPAIR



CRACKFILL & SEALANTS



BONDING AGENTS



SURFACE PLASTERS



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