

Dr. Fixit Flexiproof PU



HIGH PERFORMANCE POLYURETHANE BASED
ELASTOMERIC WATERPROOFING MEMBRANE

Description

Dr. Fixit Flexiproof PU is a high performance, water based, bitumen modified polyurethane waterproofing membrane.

Typical Applications

- Waterproofing for a wide range of applications such as shallow foundations, lift pits, podiums, roof terraces, balconies and general wet area waterproofing.
- Sewerage tanks.

Features

- Applicable onto a wide range of substrates.
- Excellent protection against corrosive soil conditions, sulphates and saline water.
- Excellent resistance to oxidation and does not harden in situ.
- Easily repaired in situ.
- Single component; easy and rapid installations.

Packaging

20 litre

Method of Application

1 SUBSTRATE PREPARATION

- All surfaces to be waterproofed should be sound, clean and free of any laitance, grease, oil, dirt and any other loose materials.

2 PRIMING

- Priming is not normally required on good quality concrete substrates. However, absorbent surfaces such as porous concrete and cement boards will require sealing to prevent absorption of further coats. Priming shall be carried out using Dr. Fixit Flexiproof PU diluted with water in the ratio of **2:1**.

3 APPLICATION

- Dr. Fixit Flexiproof PU may be applied by brush or squeegee in two coats maintaining a consistent Coverage rate.

4 PONDING TEST (IF REQUIRED)

- Prior to placement of protection, conduct a water ponding test to a minimum depth of 50 mm of water for 24 hours. The test to be carried out after 72 hours of curing of applied material.

5 CURING AND PROTECTION

- Dr. Fixit Flexiproof PU membrane must be left to cure for a minimum of 72 hours @ 27°C before placing protection screed.
- Protect the Flexiproof PU using a 100gsm geotextile membrane and then apply a minimum M20 grade concrete screed. Cut control joints in the screed as necessary and seal with suitable Dr. Fixit joint sealant.

6 CLEANING

- Tools and equipment should be cleaned with water immediately after use.

Note:

- Do not apply in direct sunlight.



Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Solids content		65±3%
Specific Gravity		1.11 - 1.18
Tear Strength		14 N/mm ²
Adhesion		2.2 N/mm ²
Elongation %	ASTM D 412	> 600
Tensile Strength	ASTM D 412	1.4 N/mm ²
Shore A Hardness		60
VOC Content	Maximum allowable 140g/ltr	< 5 g/ltr

Theoretical Coverage

1.0 ltr/sq.mt/ per coat @ 1000 microns WFT (i.e. 500 micron DFT).

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

As with all resins, work cleanly at all times. Skin and eye contact should be prevented by the use of plastic or rubber gloves, eye protection, barrier creams and protective clothing. Any resin or hardener in contact with the skin should be removed with warm soapy water or a resin removing cream. NOT solvent. In case of eye contact wash copiously with water and in the case of accidental ingestion, obtain immediate medical attention. Provide good work area ventilation. See MSDS for further information.

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



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