

Dr. Fixit Epoxy Putty



EPOXY PUTTY

Description

Dr. Fixit Epoxy Putty is a multipurpose two part epoxy putty which when mixed cures to a high strength, water and chemical resistant putty.

Typical Applications

- Fine repairs to uneven substrates.
- Watertight repairs and structural sealing of cracks, holes, honeycomb and rigid joints.

Features

- Easy to apply by trowel.
- Strong adhesion to a variety of substrates.
- High compressive, flexural and bond strengths.
- Impact resistant.
- Moisture tolerant.
- Clean tools with water.
- 1:1 mix ratio.

Packaging

3 kg Unit

Method of Application

1 SURFACE PREPARATION

- The substrate should be clean, sound and free from oil, grease or other contaminants. Laitance should be removed by mechanical means.
- While Dr. Fixit Epoxy Putty will bond to damp concrete best results are obtained with dry substrates.

2 MIXING

- Dr. Fixit Epoxy Putty is supplied in two parts; grey and white. The required quantity should be mixed in equal proportions using a pallet knife or similar until an even streak-free mid-grey colour is achieved. Larger quantities maybe mixed using an electric mixer.

3 APPLICATION

- **As an adhesive**
Apply by trowel or spatula to one surface and press both surfaces together. A slight twisting motion will ensure correct material contact to both surfaces. Ensure contact is maintained by clamping or weighting until cured.
- **As a repair material and grout;**
Cracks in excess of 1 mm and rigid joints can be filled by using either a steel trowel or by rubber grout float. Consideration should be given to opening cracks with a diamond saw and vacuuming thoroughly prior to application.
- **As a surface putty;**
To smooth out rough surfaces, apply using a steel trowel to fill the surface profile and allow the material to begin curing prior to troweling to a smooth finish. Use water as a tooling aid.



PROPERTIES	SPECIFICATION	RESULTS
Cure Properties (Tropical Grade) Temperature Pot Life		35°C 25 min.
Mix Density		1.65 ± 0.05
Flexural Strength 7 days N.mm ²	BS 6319-3	≥ 20
Compressive strength N/mm ²	BS 6319-2	≥ 50
Tensile Strength 7 days N/mm ²	BS 6319-7	≥ 15
Bond Strength 7 days N/mm ²	ASTM D 4541	> 2 (Concrete Failure)
VOC Content		< 0.1g/ltr

Theoretical Coverage

1.65 kg/mm/sq.mt

Storage













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.

Health and Safety

As with all epoxy 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.



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