

Epoxy Putty



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

CONCRETE REPAIR

- ▲ **Twin Pack - Mixed Equal Volumes**
- ▲ **Rapid Strength Development**
- ▲ **Superb Adhesion to Wet and Dry Surfaces**
- ▲ **Excellent Chemical Resistance**



THE RANGE

We have been manufacturing a range of concrete repair and resurfacing products for over three decades. All offer outstanding strength, wear resistance, chemical resistance and impact resistance. Good long term performance and great value for money.

EPOXY PUTTY

An epoxy resin compound ideal for permanent repairs to cracks found in concrete and stone. It is a twin pack material, mixed 50/50 by volume. Can be applied underwater. Rapid hardening. Ideally suitable for concrete crack repairs found to water retaining structures and potable water structures as it is virtually odourless and non toxic.

Available in 1 kilo packs.

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DESCRIPTION

EPOXY PUTTY is a highly two part epoxy resin crack or joint filling compound that will bond together most building substrates when wet or dry. The adhesive strength and chemical resistance is exceptionally high. Ideally suitable for crack repairs found in concrete, brick and stone.

USES: For the permanent repair to concrete joints and cracks found in concrete, brick and stone. Ideally suitable for use in swimming pools and water retaining structures as this product will not taint the water. For repair of ceramic tiles and re-bedding and grouting of ceramic tiles. This product can be applied underwater and in wet conditions.

PREPARATION: Surfaces must be free from grease, oil and other forms of contamination. Wire brushing is advisable. Remove any loose materials and brush clean. Cleaning is imperative and the best results can be achieved by use of CONCRETE CLEANER. Surfaces can be both dry or wet. Hairline cracks should be widened using an angle grinder.

MIXING: Take equal quantities from Pack A (Resin) and Pack B (Hardener) and mix until a uniform colour is achieved. Mixing is carried out by hand keeping both hands wet throughout mixing. Twist and press the two components together. Do not mix more than can be used in approximately 20 minutes. Wash hands thoroughly using soap and water immediately after use.

APPLICATION: Immediately after mixing roll the Epoxy Putty into thin sausages and press the EPOXY PUTTY firmly into the joint or crack or into position behind the tile. To achieve a smooth finish, wet the face of the trowel or thumb.

HEALTH AND SAFETY: Read separate Health and Safety sheet prior to handling this product.

PRODUCT DATA

COVERAGE

1kg will seal 3.5 linear metres of joint measuring 12mm x 12mm.

POT LIFE

When fully mixed, approximately 30 minutes @ 20⁰C.

Extended pot life at lower temperatures, reduced at higher temperatures.

CURING TIME

Initial cure after 24 hours @ 20⁰C. Full cure after 7 days.

STRENGTH	AFTER 24 HOURS	3 DAYS	7 DAYS
Tensile Strength	10 N/mm ²	5 N/mm ²	20 N/mm ²
Compressive Strength	31N/mm ²	40 N/mm ²	90 N/mm ²
Flexural Strength -	-	18 N/mm ²	22 N/mm ²

CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.

Petrol, diesel, oil, greases, skydrol, hydrochloric acid, dilute sulphuric acid, alkalis and many other chemicals. For further information please contact our Technical Department.

UV RESISTANCE

This product offers good Ultra Violet Resistance.

TOOL CLEANING

Clean all tools with water and detergent.

COLOUR

Pale Grey, White or Neutral (Colour tint packs are available for colour matching)

PACKAGING

Supplied in 1 kg twin packs or in bulk as required

Whilst Epoxy Products Limited endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it can not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification or information given.

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