

Epoxy Patching Mortar



*Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds*

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- ▲ Twin Pack - Mixed Equal Volumes
- ▲ Rapid Strength Development - Two Hours
- ▲ Virtually Indestructible
- ▲ Excellent Chemical Resistance



THE RANGE

We have been manufacturing a range of concrete repair and resurfacing products for almost three decades. All offer outstanding strength, wear resistance, chemical resistance, impact resistance and long term performance. For repairing and resurfacing damaged or worn concrete, steps, ramps and doorway thresholds.

EPOXY PATCHING MORTAR is a rapid setting repair mortar for fast repairs to damaged concrete, steps and kerb stones. It is a two part material, mixed 50/50 by volume. Only mixing what you need—no wastage.

No primer is normally required.

It is available in 5 kilo and 15 kilo packs.

Epoxy Products Limited
7 Haviland Road
Ferndown Industrial Estate
Wimborne
Dorset
BH21 7RZ

Phone: 01202 891899
Fax: 01202 896983
Email: sales@epoxyproducts.co.uk
Web: www.epoxyproducts.co.uk

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DESCRIPTION

EPOXY PRODUCTS EPOXY PATCHING MORTAR is a two part epoxy resin mortar specially developed to fill the need for a rapid setting mortar for the permanent repair of damaged concrete, joint edges and broken steps. Its rapid setting properties make it ideal for the repair of concrete floors subjected to heavy usage and speedy return to use. It is suitable for interior and exterior repairs providing the surface to be repaired is dry at the time of application. Epoxy Mortar can be used for repairs to a depth of 100mm.. It provides a smooth, slip resistant, dust free surface which can be feather edged to match existing surfaces. The rapid strength development after laying enables return to use of heavy traffic after only 2 hours.

USES: For the permanent patching and repair to concrete floors. For the repair of concrete, kerb stones, columns, beams, floor slab joint edges, steps, concrete pipes, pavements, roads, runways and bridges. Also ideal for bedding in and setting manhole frames, bollards, guide rails, and bolt fixing, forming ramps and making up the difference in floor levels.

PREPARATION: Surfaces must be sound, dry and free from grease, oil and other forms of contamination. Wire brushing is advisable. Remove any loose materials and sweep clean. Cleaning is imperative and the best results can be achieved by use of **EPOXY PRODUCTS CONCRETE CLEANER**.

MIXING: Firstly, stir each pack thoroughly. Then take equal quantities from Pack A (Resin) and Pack B (Hardener) and mix until a uniform grey is achieved. Mixing can be done on a clean timber board, within a clean plastic bucket or on any dry clean surface. **Do not** mix more than can be used in approximately 15 minutes.

APPLICATION: Immediately after mixing press the mortar firmly onto the area. Compact well with a steel float or trowel. After applying the mortar, clean the trowel using **EPOXY PRODUCTS CLEANING SOLVENT**. To achieve a smooth finish occasionally wet the face of the trowel.

HEALTH AND SAFETY: As some people find Epoxy based products irritant to the skin, all users are recommended to use barrier cream and thoroughly wash with soap and water after use. Avoid skin and eye contact. If eye contact is made then rinse with clean water and seek immediate medical advice.

PRODUCT DATA

COVERAGE

5 kg will cover 1m² at 2 –3 mm depth.

YIELD

5 Kg - 3 Litres

POT LIFE

When fully mixed, approximately 15 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at higher temperatures.

CURING TIME

Initial cure after 2 hours @ 20⁰ C. Full cure after 3 days.

CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.
Contact Technical Services for more advice.

STRENGTH

AFTER 2 HOURS

3 DAYS

Tensile Strength	12.50 N/mm ²	25.12 N/mm ²
Compressive Strength	35.50 N/mm ²	92.50 N/mm ²
Flexural Strength	-	23.60 N/mm ²

TOOL CLEANING

Occasionally wipe the face of the trowel to release the build up of tack and clean all tools with **EPOXY PRODUCTS CLEANING SOLVENT**.

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