

Epoxy Patching Mortar



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

SCREEDS

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



EPOXY PRODUCTS EPOXY PATCHING MORTAR is an incredibly strong, rapid setting epoxy resin repair mortar for damaged concrete.

EPOXY PRODUCTS EPOXY PATCHING MORTAR is an epoxy resin mortar ideal for permanent repairs to damaged concrete, broken steps and kerb stones. It is a twin pack material, mixed 50/50 by volume. Only mixing what you need and thus minimising wastage. No primer is required. Granite hard after two hours and can be used to form shallow ramps and make up differences in floor levels. Loose metal guide rails can be permanently set in place. Epoxy Patching Mortar repairs can range from feather edge to 25 mm in depth.

An EPOXY PRODUCTS EPOXY PATCHING MORTAR repair is virtually indestructible and its wear resistance and adhesion are unequalled.

It is available in 5 kilo and 15 kilo packs.

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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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