

Epoxy Mortar, Fast Cure



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

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- ▲ **Outstanding Impact Resistance**
- ▲ **Superb Adhesion Properties to Concrete**
- ▲ **Fast Cure—Sets Granite Hard in 2 Hours**
- ▲ **Excellent Chemical Resistance**



EPOXY PRODUCTS EPOXY MORTAR FC is an incredibly tough, rapid setting epoxy resin mortar for damaged, dished or dangerous concrete or stone floors.

EPOXY PRODUCTS EPOXY MORTAR FC is an epoxy resin mortar ideal for repairing eroded or damaged concrete, bay edges and broken steps. It is incredibly tough and fast setting. It can be used to form shallow ramps and make differences in floor levels. Loose metal guide rails can be permanently set in place.. Epoxy Mortar repairs can range from feather edge to 100 mm depth.

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

EPOXY PRODUCTS TACK PRIMER is the recommended primer for this product.

It is available in 10 kilo and 25 kilo packs.

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DESCRIPTION

EPOXY PRODUCTS EPOXY MORTAR FC is an incredibly tough, fast setting, epoxy resin mortar ideal for repairing eroded or damaged concrete, bay edges and broken steps. It can be used to form shallow ramps and make differences in floor levels. Loose metal guide rails can be permanently set in place. Epoxy Mortar FC repairs can range from feather edge to 100 mm depth. It provides a smooth, slip resisting, dust free surface which can be feather edged to match existing surfaces. The extremely fast, rapid strength development enables an early return to use of heavy traffic within 2 hours. It can be applied up and over bund walls.

USES: Fast repairs to spalled or damaged concrete floors, roads and ramps. Ideal for engineering workshops, factory floor repairs and all busy industrial concrete floor areas that cannot afford to be out of action for long periods during there repair.

PREPARATION: Surfaces must be 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: Empty the entire contents of Pack "B" into Pack "A" and stir using a mixing paddle in an electric drill on a slow speed. Mix until a uniform colour is achieved. Once mixed use immediately and all within 10 minutes.

APPLICATION: All surfaces must be primed with **EPOXY PRODUCTS TACK PRIMER**. Apply the mortar to the prepared surface immediately using a steel trowel and whilst the primer is still tacky. After applying the mortar to the desired depth, clean the trowel using **EPOXY PRODUCTS CLEANING SOLVENT**. When applying keep the face of the trowel wet with solvent to release the build up of tack and to achieve a smooth finish.

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 advise.

PRODUCT DATA

COVERAGE (Approximate)

10 kg will cover 1.7 m² at 3 mm depth.

POT LIFE

When fully mixed, approximately 10 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at high temperatures.

CURING TIME

Initial cure after 2 hours @ 20⁰ C. **DO NOT USE** at temperatures below freezing.
Full cure in 7 days.

CHEMICAL RESISTANCE

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

<u>STRENGTH</u>	<u>AFTER 24 HOURS</u>	<u>3 DAYS</u>	<u>7 DAYS</u>
Tensile Strength	10.34 N/mm ²	17.20 N/mm ²	24.12 N/mm ²
Compressive Strength	31.86 N/mm ²	50.20 N/mm ²	91.72 N/mm ²
Flexural Strength	-	18.96 N/mm ²	22.40 N/mm ²

TOOL CLEANING

Clean all tools with **EPOXY PRODUCTS CLEANING SOLVENT**.

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