

Epoxy Mortar Fast Cure



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

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- ▲ Outstanding Strength
- ▲ Superb Adhesion to Concrete
- ▲ Rapid Hardening
- ▲ 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 MORTAR, FAST CURE

This grade is designed for repairing and resurfacing concrete areas when placed under extreme time restraints. This grade will set hard in a short period enabling early return of use with minimal production disruption. Ideal for repairing factory floors, doorway thresholds, external steps, ramps and all other external concrete in normal conditions and temperatures.

Available in 10 kg and 25 kg packs

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Epoxy Mortar Fast Cure

DESCRIPTION

EPOXY MORTAR FAST CURE is an incredibly tough, 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. Epoxy Mortar Fast Cure 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 surface. The rapid strength development enables an early return to use of heavy traffic within 4 hours. It can be applied up and over bund walls.

USES: Rapid repairs to spalled or damaged concrete floors, roads and ramps. Ideal for engineering workshops, factory floors and all busy industrial concrete floor areas that cannot afford to be out of action for long periods during their repair. Metal door guide rails can be permanently set in place.

PREPARATION: Surfaces must be dry and free from grease, oil and other forms of surface 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 **CONCRETE CLEANER**.

MIXING: Wear Personal Protective Equipment: protective eye glasses and gloves. 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 15 minutes.

APPLICATION: All surfaces must be primed with **TACK PRIMER FAST CURE**. Apply the primer with a small roller or brush to a narrow strip across the floor area or within the patch to be repaired. While the primer remains wet and tacky (for up to 4 hours) apply the mixed Epoxy Mortar Fast Cure on top and trowel to the required depth. The Epoxy Mortar Fast Cure must be applied onto a wet and tacky primer. After applying the mortar to the desired depth, clean the trowel using **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: Read Health and Safety Data Sheet prior to handling this product. 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

10 kg will cover 1.7 m² at 3mm depth.

YIELD

10 kgs - 5 litres / 25 kgs - 12.5 litres

COLOURS

Mid Grey, Slate, Black and Red

POT LIFE

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

CURING TIME

4 Hours @ 20⁰ C / 8 Hours @ 5⁰ C

CHEMICAL RESISTANCE

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

STRENGTH

AFTER 24 HOURS

3 DAYS

7 DAYS

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

(All test results recorded at a room temperature of 20⁰ C)

SLIP RESISTANCE

The fully cured product offers good slip resisting properties both wet and dry.

TOOL CLEANING

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

SHELF LIFE

If stored in dry warm conditions this product will remain useable for up to 12 months.

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