



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

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Epoxy Mortar

- ▲ Outstanding Impact and Abrasion Resistance
- ▲ Superb Adhesion Properties to Concrete
- ▲ Rapid Strength Development
- ▲ High 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 PRODUCTS EPOXY MORTAR

This grade is designed for repairing and resurfacing concrete areas. This grade will set hard in a relatively short period (normally overnight) thus creating 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

DESCRIPTION

EPOXY PRODUCTS EPOXY MORTAR is an incredibly tough, solvent free epoxy resin mortar ideal for repairing eroded or damaged concrete, bay edges and resurfacing steps. It 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 Mortar repairs can be feather edged. It provides a smooth, slip resistant, dust free surface. The rapid strength development after laying enables an early return to use of heavy fork truck trafficking within 24 hours. Special grades are available for application onto wet surfaces, vertical surfaces and extremely cold conditions.

USES: Repairs to spalled or damaged concrete floors, roads and ramps. Chemically resistant bund wall renderings. For repairs to vertical and overhead concrete use EPOXY MORTAR LW grade. For wet concrete surfaces use EPOXY MORTAR WB. For more rapid strength development i.e. less than 2 hours use EPOXY MORTAR FC grade.

PREPARATION: Using the standard grade all surfaces must be dry and free from grease, oil and other forms of contamination. Hammer and bolster the concrete clean or 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**.

PRIMING

All surfaces must be primed with **EPOXY PRODUCTS TACK PRIMER** prior to application. The primer must be wet and tacky during the application of the EPOXY MORTAR.

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 all within 30 minutes.

APPLICATION: 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** and with the trowel still solvent wet, re-trowel the mortar to achieve a smooth finish.

PRODUCT DATA

COVERAGE

10 kg will cover 1.7 m² at 3mm depth.

YIELD

10 kgs - 5 litres / 25 kgs - 12.5 litres

COLOURS

Natural, Mid Grey, Slate, Black and Red

POT LIFE

When fully mixed, approximately 30 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at higher temperatures.

CURING TIME

Hard cure after 12 hours @ 20⁰ C. **DO NOT USE** at temperatures below freezing.

Full cure with maximum hardness after 7 days @ 20⁰ 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/mm²

17.20 N/mm²

24.12 N/mm²

Compressive Strength

31.86 N/mm²

50.20 N/mm²

91.72 N/mm²

Flexural Strength

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18.96 N/mm²

22.40 N/mm²

SLIP RESISTANCE

The fully cured product offers good slip resisting properties.

TOOL CLEANING

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

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