



*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**
- ▲ **Flooring and Vertical Grades Available**



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

EPOXY PRODUCTS EPOXY MORTAR is an epoxy resin mortar ideal for repairing eroded or damaged concrete, bay edges and broken steps. It is incredibly tough and 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 be feather edged.

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

EPOXY PRODUCTS TACK PRIMER is recommended to be used in conjunction with this product.

It is available in 10 kilo and 25 kilo 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 m<sup>2</sup> at 3mm depth.

### YIELD

10 kgs - 5 litres / 25 kgs - 12.5 litres

### COLOURS

Natural, Mid Grey, Slate and Red

### POT LIFE

When fully mixed, approximately 30 minutes @ 20<sup>o</sup> C. Extended pot life at lower temperatures, reduced at higher temperatures.

### CURING TIME

Initial cure after 12 hours @ 20<sup>o</sup> C. **DO NOT USE** at temperatures below freezing.

Full cure after 7 days.

### CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.

Contact Technical Services for more advice.

### STRENGTH

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

### 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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