



Manufacturers of High  
Performance Floor  
Coatings and  
Re-Surfacing Screeds

**CONCRETE REPAIR**

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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 MORTAR

This grade is designed for repairing and resurfacing concrete. 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 20 kg packs

[http://www.epoxyproducts.co.uk/epoxy%20concrete%](http://www.epoxyproducts.co.uk/epoxy%20concrete%20)



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## DESCRIPTION

**EPOXY MORTAR** is an incredibly tough, solvent free epoxy resin mortar ideal for repairing worn or damaged concrete, bay edges, form shallow ramps, make up differences in floor levels and resurfacing steps. Also used to set in place metal guide rails. Epoxy Mortar repairs can be feather edged. It provides a smooth, slip resistant, dust free surface. Rapid strength development enables the return to use of heavy fork truck trafficking within 24 hours. Refer to our website for Special grades for application onto wet surfaces, vertical or overhead surfaces, within extremely cold conditions or faster curing.

**PREPARATION:** Using this 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 for best results use our **CONCRETE CLEANER**.

**PRIMING:** Surfaces must be primed with our **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 and an electric drill on a slow speed. Stir well for 3 minutes. Mix until a uniform colour is achieved. Once mixed use all within 30 minutes.

**APPLICATION:** Apply the mortar to the prepared surface immediately after mixing using a steel trowel and whilst the primer is still tacky. Should the Tack Primer be dry apply a further coat of TACK PRIMER. Apply the mortar to the desired depth, occasionally cleaning the trowel with our **CLEANING SOLVENT** to release any build up of resin tack. Do not cover expansion joints but allow any joints to follow through the Epoxy Mortar.

**HEALTH AND SAFETY:** Always read the Health and Safety Data Sheet prior to handling this product.

## PRODUCT DATA

### COVERAGE

10 kg will cover 1.7m<sup>2</sup> at 3mm depth.

### YIELD

10kgs - 5 litres / 20kgs - 10 litres

### COLOURS

Natural, Mid Grey, Slate, Black and Red

### POT LIFE

When fully mixed, approximately 30 minutes @ 20°C. Extended pot life at lower temperatures, reduced at higher temperatures.

### CURING TIME

Hard cure after 12 hours @ 20°C. Full cure with maximum hardness after 7 days@20°C

### CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.

STRENGTH AFTER	24 HOURS	3 DAYS	7 DAYS
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 when wet.

### SHELF LIFE

12 Months in sealed containers when stored under normal conditions

### TOOL CLEANING

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

Whilst Epoxy Products Limited endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it can not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products.