



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

CONCRETE REPAIR

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Epoxy Mortar Water Based

- ▲ **Water Based - Virtually Odourless**
- ▲ **Outstanding Strength**
- ▲ **Excellent Chemical Resistance**
- ▲ **Can be Applied to Wet Concrete**



THE RANGE

We have been manufacturing a range of concrete repair and resurfacing products for over 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 WATER BASED

This grade is designed for repairing and resurfacing damp or wet concrete. Ideal for those difficult to dry floor areas. This odourless repair mortar will set hard rapidly enabling early return of use thus minimising production disruption. Perfect for repairing damp factory floors, doorway thresholds, steps, ramps and all other internal or external concrete areas.

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 WATER BASED is a two part, high strength, epoxy mortar for repairing and resurfacing damaged damp or wet concrete. It can be used to form shallow ramps and make up differences in floor levels. Epoxy Mortar Water Based repairs can range from feather edge to 25mm depth. It provides a smooth, slip resistant, dust free surface. The rapid strength development enables an early return to use of heavy traffic the following day. It can be applied to both dry and wet concrete. Excellent impact, abrasion and chemical resistance.

USES: Repairs to spalled or damaged damp or wet concrete floors, roads and ramps. Chemically resistant wall renderings and the formation of bunded tank areas. For repairing difficult wet concrete areas. Being odourless enables this product to be applied in "sensitive" food production areas.

PREPARATION: Surfaces must be free from grease, oil and other forms of contamination. Wire brushing is advisable. Surfaces can be wet however free flowing water must not exist. Remove any loose materials and sweep clean. Cleaning is imperative and the best results can be achieved by using CONCRETE CLEANER.

MIXING: Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle in an electric drill on a slow speed. Mix until a uniform colour is achieved. Having mixed both components together use all within 40 minutes. For larger quantities use a 'forced action mixer' such as a Danes Mixer

APPLICATION: All surfaces must be primed with TACK PRIMER WB. Apply the mortar immediately using a steel trowel and onto the primed concrete whilst the primer is still tacky. Apply the mortar with the trowel. Occasionally, wipe the face of the trowel with water to release any build up of resin tack.

HEALTH & SAFETY: Read the separate Health & Safety Data Sheet prior to handling this product.

PRODUCT DATA

COVERAGE

10 kg will cover 1.7 m² at 3 mm depth.

POT LIFE

When fully mixed, approximately 20-30 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at high temperatures.

HARDENING/CURING TIME

Initial cure after 12 hours @ 20⁰ C. Normally suitable for light trafficking the following day.

Suitable for fork trucks after 48 hours. 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 our Technical Services Department for more advice.

STRENGTH

AFTER 24 HOURS

3 DAYS

7 DAYS

Tensile Strength

10.00 MN/m²

17.00 MN/m²

24.00 MN/m²

Compressive Strength

35.00 MN/m²

50.00 MN/m²

90.00 MN/m²

Flexural Strength

-

18.00 MN/m²

23.00 MN/m²

TOOL CLEANING

Clean all tools with detergent and warm water.

COLOURS

Available in a range of colours. Colour matching service is available.

PACK SIZES: 10kg and 20kg. Combined weight of Resin and Hardener

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