



Manufacturers of High  
Performance Floor  
Coatings and  
Re-Surfacing Screeds

**CONCRETE REPAIR**

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## Epoxy Mortar, Cold Cure

- ▲ **Suitable for Freezing temperatures**
- ▲ **Superb Adhesion Properties to Concrete**
- ▲ **Sets Granite Hard in Hours**
- ▲ **Excellent Chemical Resistance**



### 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, COLD CURE

This grade is designed for repairing and resurfacing concrete in extremely cold adverse conditions. Ideal for repairing cold room floors, doorway thresholds, external steps, ramps and all other external concrete in freezing cold winter conditions.  
Fast setting and suitable for heavy fork trucks.

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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## Epoxy Mortar Cold Cure

### DESCRIPTION

**EPOXY MORTAR COLD CURE** is an incredibly tough, rapid hardening epoxy resin mortar ideal for repairing worn or damaged concrete, bay edges and broken steps, in freezing cold conditions. It can be used to form shallow ramps and make differences in floor levels. Epoxy Mortar Cold Cure repairs can range from feather edge to 100mm 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 by heavy fork trucks within hours.

**USES:** For rapid concrete repairs under freezing cold conditions can be carried out to worn and damaged concrete using this simple to mix and apply product. Ideal for freezers, chillers, workshops, factory floors and all busy industrial concrete floor areas that cannot afford to be out of action for long periods during the repair.

**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" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle in an electric drill on a slow speed for 3 minutes. 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 Cold Cure must be applied onto a wet, tacky primer. After applying the mortar to the desired depth, clean the trowel using CLEANING SOLVENT. When applying occasionally wipe the face of the trowel with Cleaning Solvent to release the build up of resin tack.

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

### PRODUCT DATA

#### COVERAGE

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

#### POT LIFE

When fully mixed, approximately 15 minutes @ 20<sup>0</sup> C. Extended pot life at lower temperatures. Reduced period at high temperatures.

#### CURING TIME

Hard cure suitable for heavy trafficking after 2 hours @ 10<sup>0</sup> C. Full cure in 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 MN/m <sup>2</sup>	17.00 MN/m <sup>2</sup>	24.00 MN/m <sup>2</sup>
Compressive Strength	35 MN/m <sup>2</sup>	50.00 MN/m <sup>2</sup>	92.00 MN/m <sup>2</sup>
Flexural Strength -		18.00 MN/m <sup>2</sup>	22.00 MN/m <sup>2</sup>

#### TOOL CLEANING

Clean all tools with CLEANING SOLVENT.

#### COLOURS

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

#### PACK SIZES

10kg and 20kg Twin Packs. This being the combined weight of Resin and Hardener

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