



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

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## Epoxy Screed, Heavy Duty

- ▲ **Outstanding Early Strength**
- ▲ **Non-Porous, Good Slip Resistance**
- ▲ **Solvent Free - Virtually Odourless**
- ▲ **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 resurfacing damaged or worn concrete.

### EPOXY SCREED HEAVY DUTY

Developed to provide an exceptionally tough thin floor resurfacing screed for concrete floors that need protection from fork trucks, heavy industrial use and chemical spillage. The rapid high strength development enables early return to use.

It is available in 10kilo and 20kilo packs

<http://www.epoxyproducts.co.uk/screed.html>



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# SCREEDS

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## Epoxy Screed Heavy Duty

### DESCRIPTION

**EPOXY SCREED HEAVY DUTY** is a three part, solvent free epoxy resin, formulated to provide a thin resurfacing screed for concrete floors. This non-porous, slip resistant, easy to clean finish is ideal for areas that demand a tough hard wearing and decorative surface.

**USES:** Industrial floor topping screeds in dairies, bakeries, breweries, food preparation areas, engineering shops, chemical stores, kitchens, sports changing rooms and all other areas that demand a hygienic and durable permanent surface.

**PREPARATION:** Surfaces must be dry and free from grease, oil and other forms of contamination. Remove any loose materials and sweep clean. Cleaning is imperative. For large areas vacuum shot blasting is recommended. For small areas ensure the concrete is clean, sound and dry. For chemical cleaning use our CONCRETE CLEANER.

**CONCRETE REPAIRS:** Fill deep holes and badly worn concrete prior to priming with Patching Mortar or Epoxy Filler. Allow expansion joints to follow through the new floor.

**CONCRETE TEMPERATURE:** Ensure the concrete temperature to be resurfaced is constantly above 10°C during the application and throughout the hardening period.

**PRIMING:** The concrete must be primed with EPOXY SEALER the day prior to applying the EPOXY SCREED HD. For small areas use TACK PRIMER immediately prior to laying. Working across the floor in strips you can lay on top of the Tack Primer while it is wet.

**MIXING:** Empty the contents of Pack "B" (Hardener) into Pack "A" (Resin) and mix thoroughly together by hand. Pour the mixed Resin/Hardener into the large bucket containing Pack "C" (Filler) and stir using either:- for large quantities use a "Forced Action Mixer" or for smaller quantities an electric drill and paddle attachment. Continue to mix until uniform in colour for at least 3 minutes.

**APPLICATION:** Pour the mixed material onto the primed floor. Apply immediately using a steel trowel to the required depth, normally between 3mm and 6mm. Occasionally clean the face of the trowel using CLEANING SOLVENT to release the build up of resin tack.

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

### PRODUCT DATA

#### COVERAGE

10 kg will cover 1m<sup>2</sup> at 5mm depth.

#### POT LIFE

When fully mixed, approximately 25-30 minutes @ 20° C. Extended pot life at lower temperatures. Reduced period at high temperatures.

#### CURING TIME

Light traffic after 24 hours @ 20°C. Suitable for fork trucks after 48 hours @ 20°C. Full cure, strength and chemical resistance after 7 days.

#### 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 MN/m<sup>2</sup> 17.20 MN/m<sup>2</sup> 24.12 MN/m<sup>2</sup>

Compressive Strength 31.86 MN/m<sup>2</sup> 50.20 MN/m<sup>2</sup> 91.72 MN/m<sup>2</sup>

Flexural Strength - 18.96 MN/m<sup>2</sup> 22.40 MN/m<sup>2</sup>

#### TOOL CLEANING

Clean all tools with CLEANING SOLVENT.

#### COLOURS

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

#### PACK SIZE

Available in 10kg and 20kg packs. Combined weight of Resin, Hardener and Filler

#### SHELF LIFE:

12 Months in sealed containers stored under normal conditions

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