



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

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## Self Levelling Epoxy Flooring

- ▲ **Quick, Easy to Apply, Self Levelling**
- ▲ **Non-Porous, High Durability**
- ▲ **Hygienic Finish, 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.

### SELF LEVELLING EPOXY FLOORING

This product is an extremely durable, highly decorative, nonporous, self-levelling floor topping. A solvent free epoxy resin formulated to provide a seamless, easy to clean hygienic surface offering high chemical resistance. This flooring system offers all the qualities required in the modern build combining outstanding performance and decorative appearance.

It is available in 4.5 litre and 9 litre packs.

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



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# SCREEDS

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## Self Levelling Epoxy Flooring

### DESCRIPTION

**SELF LEVELLING EPOXY FLOORING** has been formulated to provide a seamless flooring for concrete floors that demand high levels of decorative appearance and outstanding performance. It is a non-porous, hardwearing, high chemically resistant and easy to clean flooring. The rapid strength development after pouring enables an early return to use of light traffic after 24 hours and heavy traffic after 48 hours.

**USES:** Floor resurfacing showrooms, bakeries, food preparation areas, kitchens, sports changing rooms, workshops and all areas that demand performance, longevity and decorative appearance.

**PREPARATION:** Surfaces must be dry and free from grease, oil and other forms of contamination. Remove any loose materials and sweep clean. Repair any obvious cracks and damaged areas using Epoxy Filler or Epoxy Patching Mortar. Cleaning is imperative and the best results on bare concrete can be achieved by use of CONCRETE CLEANER. Pay particular attention to existing expansion and construction joints. Allow expansion joints to follow through the Self Levelling Flooring by cutting with a concrete saw soon after a hard cure has been achieved and then seal the joints with a flexible joint sealant. Self Levelling Epoxy Flooring may also be applied onto previously sealed or painted floors providing the existing floor paint is sound and well abraded prior to application.

**PRIMING:** All unsealed prepared areas must be primed the previous day with a coat of EPOXY SEALER. For very small areas use TACK PRIMER. Priming is not required for existing painted floors or non porous surfaces, such as ceramic tiles etc.

**MIXING:** Empty the entire contents of Pack "B" into Pack "A" and mix thoroughly mixed together using an electric drill and a mixing paddle for a minimum period of 3 minutes. Mix until a uniform colour is achieved. Finally add Pack C (Filler) and stir again for a further 3 minutes. Pour and spread immediately after mixing and use all within 35 minutes.

**APPLICATION:** Ensure the room has been conditioned above 10°C and this temperature is maintained throughout the application and initial hardening period of 48 hours. Working across the room in narrow strips. Pour the mixed material onto the surface immediately and using a steel trowel, spread into corners and to the desired thickness. The minimum depth being 2mm. There is no maximum depth. Keep the leading edge wet. Allow the flooring to level for a short period and then wearing spike shoes, walk across the wet floor to roll a spiked roller. This will promote the levelling and help release the trapped air. Finally, wearing spiked shoes, sprinkle the anti slip particles evenly across the surface at a coverage rate of 1kg per m<sup>2</sup> or greater.

### PRODUCT DATA

#### COVERAGE

4.50 Litres will cover 2.25m<sup>2</sup> at 2mm depth on a smooth surface.

9 Litres will cover 4.50m<sup>2</sup> at 2mm depth on a smooth surface.

#### POT LIFE

When fully mixed, approximately 35 minutes @ 20°C. Extended pot life at lower temperatures. Reduced pot life at higher temperatures.

#### CURING TIME

Initial cure after 24 hours @ 20°C. **DO NOT USE** at temperatures below 10°C

Suitable for light trafficking after 24 hours @20°C. Fork trucks after 48 hours @20°C.

#### CHEMICAL RESISTANCE

Full chemical resistance after 7 days.

Resistant to spillages of many chemicals commonly met within industry.

STRENGTH	AFTER 24 HOURS	3 DAYS	7 DAYS
Tensile Strength	10.00 MN/m <sup>2</sup>	20.00 MN/m <sup>2</sup>	25.00 MN/m <sup>2</sup>
Compressive Strength	25.86 MN/m <sup>2</sup>	60.20 MN/m <sup>2</sup>	95.00 MN/m <sup>2</sup>
Flexural Strength -		20.96 MN/m <sup>2</sup>	24.40 MN/m <sup>2</sup>
Abrasion resistance (Taber CS10,1000,1000) -		-	55 mg

#### SLIP RESISTANCE

This product good slip resistance when dry but limited slip resistance when wet. Additional traction can be incorporated by the sprinkling of fine aggregates during its application.

#### SHELF LIFE

Twelve months providing the containers are stored in dry warm conditions.

#### COLOURS

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

#### HEALTH & SAFETY

Always read the separate H & S Data sheet prior to handling.

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