



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

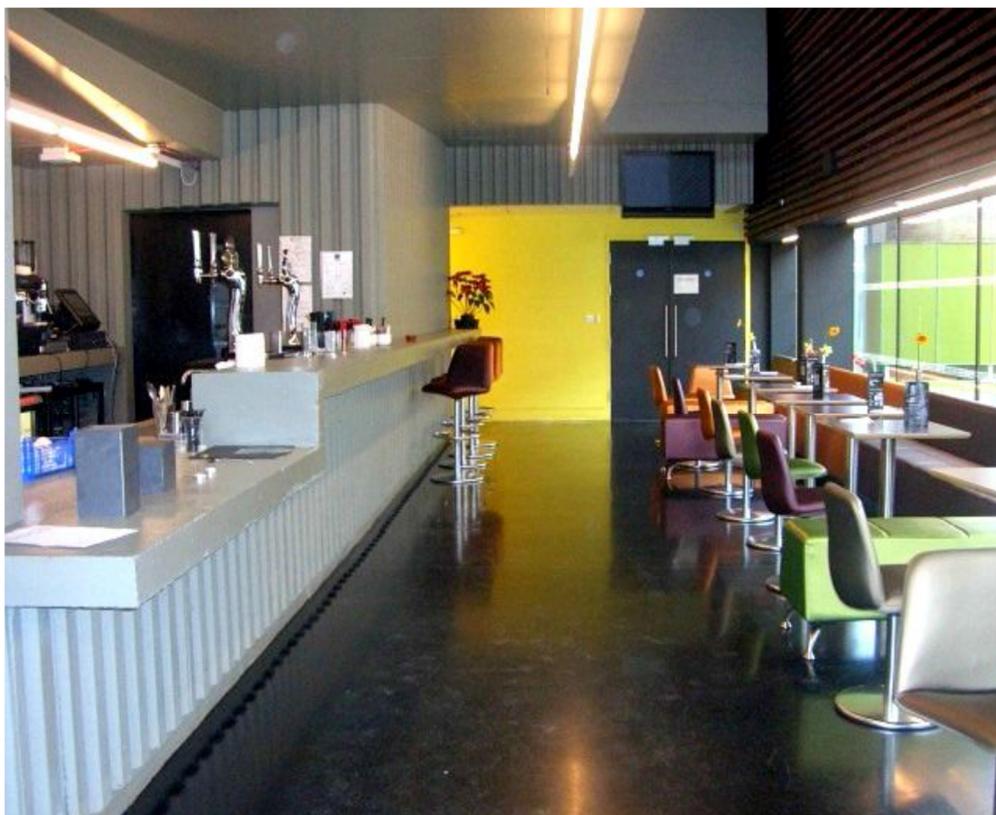
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Self Levelling Epoxy Flooring

- ▲ **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 thirty six years. All offer outstanding strength, durability, chemical resistance, impact resistance and long term performance. For repairing, resurfacing, damaged worn concrete or to provide a new tough decorative seamless flooring.

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 excellent decorative appearance.

It is available in 4.5 litre and 9 litre packs.

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

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DESCRIPTION

SELF LEVELLING EPOXY FLOORING has been formulated to provide a self levelling seamless flooring which is virtually odourless, for concrete areas that demand high levels of decorative appearance and outstanding performance. It is a non-porous, hardwearing, high chemically resistant and an 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: For resurfacing showrooms, bakeries, food preparation areas, kitchens, sports changing rooms, workshops and all areas that demand performance, longevity and outstanding decorative appearance.

PREPARATION: Surfaces must be dry and free from grease, dust, oil and other forms of contamination. Remove any loose materials and sweep or vacuum clean. Cleaning is imperative and for small areas the best results can be achieved by use of our Concrete Cleaner. For large areas the best methods of preparation are either Vacuum Track Shot Blasting or Vacuum Floor Grinding. Pay particular attention to the location and condition of all existing expansion and construction joints. You must allow expansion joints to follow through the Self Levelling Flooring by pin location and subsequently cutting with a concrete saw, immediately after a hard cure has been achieved and then seal the joints with a suitable 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.

REPAIRS: Fill all obvious blemishes with Epoxy Filler or Patching Mortar and allow to harden overnight, Abrade these localised repairs to provide a smooth level surface. Vacuum the area clean.

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, although the butt joints between the ceramic tiles must be filled with tile grout and flush to the tiles, prior to laying the Self Levelling Epoxy Flooring.

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) slowly and stir again for a further 3 minutes. Pour and spread with a trowel or squeegee 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 m2 or greater.

HEALTH AND SAFETY

Always read the Health and Safety Data Sheet prior to handling this product.

PRODUCT DATA

COVERAGE

4.50 Litres will cover 2.25m2 at 2mm depth on a smooth surface.

9 Litres will cover 4.50m2 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/m2	20.00 MN/m2	25.00 MN/m2
Compressive Strength	25.86 MN/m2	60.20 MN/m2	95.00 MN/m2
Flexural Strength -		20.96 MN/m2	24.40 MN/m2
Abrasion resistance (Taber CS10,1000,1000) -		-	55 mg

SLIP RESISTANCE

This product offers some slip resistance when dry but limited slip resistance when wet.

Additional traction enhancement can be achieved by substituting the std Anti-Slip particles supplied, with a coarser grade.

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 Health & Safety Data sheet prior to handling.

LIMITATIONS

Do not apply onto wet concrete or in temperatures below 10°C. Being self levelling it is most important only to apply this product onto a floor area that is generally flat and not running to falls. As with all epoxy resin flooring systems some yellowing of the colour will occur if exposed to direct UV Light (sunlight) and warm temperatures.

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, whether or not in accordance with any advice, specification or information given.