

Epoxy Safety Coating



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

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- ▲ **Safety Certificate—Low Risk of Slip**
- ▲ **Suitable for Fork Trucks**
- ▲ **Fast Curing—Early Return to Use**
- ▲ **Solvent Free—Virtually Odourless**



THE SAFETY RANGE

We have been manufacturing a range of safety products for almost three decades. This range of floor sealers and coatings offer excellent durability, strength, wear resistance, chemical resistance and slip resistance.

EPOXY SAFETY COATING

This two-pack coloured epoxy resin is designed to provide a long lasting, slip resistant painted flooring surface. Ideal for all factory floors, walkways and all smooth flooring that demands a safe slip resistant surface.

Available in 1 Litre, 2 Litre and 4.50 Litre packs

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DESCRIPTION

EPOXY SAFETY COATING is a two-part epoxy coating designed to provide a tough, durable, traction enhanced flooring for concrete and timber surfaces. Having excellent chemical and abrasion resistant properties make it ideally suitable for food production areas, workshops and all floors that demand a safe, slip resistant and hygienic surface.

USES: Ideally suitable for production areas, warehouses, workshops, plant rooms, goods in/out areas, in fact any floor that is heavily trafficked by fork lift trucks, pallet trucks, cars and pedestrians.

PREPARATION: Surfaces must be clean, dry, sound and free from grease, oil and other forms of contamination. On new concrete the concrete laitance should be removed by acid washing using Concrete Etch and rinsed thoroughly with cold water. For best results Vacuum Track Shot Blasting is recommended. This coating may also be applied onto previously painted floors providing the existing floor paint is perfectly sound and well abraded. Fill all holes and face up all cracks etc with Epoxy Filler or Patching Mortar. On porous concrete, prime first, normally the day before, with one coat of Epoxy Sealer.

MIXING: Empty the entire contents of Pack "B" into Pack "A" and stir using a mixing paddle and electric drill. Ensure you reach the sides and bottom of the container during the mixing process. Having mixed the entire contents must be used within 40 minutes.

APPLICATION: Apply the coating immediately after mixing by roller. One or two coats can be applied. For best results apply two coats. Do not apply too generously otherwise the slip resistance will be compromised. Apply at a coverage rate of approximately 25 square metres per 4.5 litre pack. The second coat must be applied within 7 days. If this period is exceeded then lightly abrade the surface with carborundum papers to form a key for the second coat.

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

PRODUCT DATA

COVERAGE

4.5 Litres will cover approximately 25m² depending upon the site conditions.

POT LIFE

When fully mixed approximately 30 minutes. Extended pot life at lower temperatures, reduced at high temperatures.

CURING /HARDENING TIME

Tack free in 12 hours @ 20 C. Re-coatable in 12 hours @ 20 C. Do not use at temperatures below 4C. Full cure in 7 days.

CHEMICAL RESISTANCE

Resistant to spillages of most chemicals commonly met within industry. Contact Technical Department for full table of resistance.

PROPERTIES OF THE SYSTEM

Parameter	Unit	Figure	Method
Hardness 13C, 24 hours	Shore D	58	DIN 53505
23C, 24 hours		69	
23C, 7days		77	
Compressive Strength	N/mm ²	91.72	EN ISO 604
Bending Tensile Strength	N/mm ²	72	EN ISO 178
Tensile Strength	N/mm ²	41	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm ²	2	DIN EN 13 578
Abrasion resistance	mg	55	Taber (CS10,1000, 1000)

SLIP RESISTANCE

The fully cured product offers excellent slip resistance. Certified when tested to BS 7976-2

Mean PTV (Dry) 70 (Low Risk of Slip) Mean PTV (Wet) 60 (Low Risk of Slip)

SHELF LIFE

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

COLOURS

Available in a range colours—see colour chart.

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