Epoxy Safer Grip

EPOXY

Manufacturers of High Performance Floor Coatings and Re-Surfacing Screeds

SAFETY

- **Excellent Slip Resistance**
- **Rapid Hardening**
- **Tough, Durable and Long Lasting**
- **Solvent Free - Virtually Odourless**

THE SAFETY RANGE

We have been manufacturing a range of safety products for over thirty six years. Our range of floor sealers, coatings and resurfacing screeds offer excellent durability, strength, wear resistance, chemical resistance and traction enhancement.

EPOXY SAFER GRIP

A solvent free, flexibilised, high build epoxy resin coating, designed to provide a safe, highly slip resistant, tough, long lasting flooring surface suitable for internal and external use. For heavy vehicular trafficked workshops, food processing areas, gangways, ramps, toilets and washrooms.

Available to cover 5m2 and 10m2

http://www.epoxyproducts.co.uk/safety%20products.html

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DESCRIPTION

EPOXY SAFER GRIP is a three-part flexibilised high build epoxy resin coating designed to provide a long lasting and highly slip resistant surface for concrete, timber and metal surfaces. Suitable for internal and external use.

USES: Ideally suitable for pedestrian walkways, footbridges, car park decks, steps, ramps, wheelchair access ramps, toilets and washrooms, vehicular gangways and all other internal concrete, timber and metal floor areas that demand exceptional performance and high levels of slip resistance both dry and wet.

PREPARATION: All surfaces must be clean, dry, sound and free from grease, oil and other forms of contamination. Concrete laitance on new concrete or power floated concrete should be removed by using CONCRETE ETCH and rinsed thoroughly with cold water and allowed to thoroughly dry. For large concrete floor areas, Vacuum Track Shot Blasting or diamond grinding is highly recommended. This coating can be applied onto previously painted floors providing the existing paint is sound and well abraded prior to application. Repair deep blemishes and face up cracks (not expansion joints) with PATCHING MORTAR or EPOXY FILLER. Secure paper masking tape to the designated walkways, gangways and areas to be treated.

PRIMING: Not normally required. For porous concrete or timber, apply one coat of EPOXY SEALER as a primer 24 hours before applying the SAFER GRIP. Metal surfaces must be cleaned thoroughly to remove all rust, oil and grease and primed immediately with Zinc Phosphate or other suitable rust inhibiting primer.

MIXING: This is a two coat system Base Coat and Top Coat.
Empty the contents of the small pot labelled SAFER GRIP, Pack B (Hardener) into SAFER GRIP, Pack A (Resin) and stir thoroughly using an electric drill and small paddle attachment for 3 minutes. Ensure you reach the sides and bottom of the container during the mixing process. Having mixed thoroughly, the entire contents must be used all within 45 minutes at 20^0C. The higher the room temperature the shorter the useable life. At lower temperatures the useable period is extended.

APPLICATION:

Base Coat - Apply the SAFER GRIP (Base Coat) Immediately after mixing using a large 12"paint roller to cover the 5m2 or 10m2 area as stated on the pack. While the base coat remains wet, sprinkle upon its surface the GRIT from chest height and completely cover the wet coating. Avoid dropping heavy deposits of GRIT. Allow to harden overnight. When cured, sweep off the excess GRIT.

Top Coat— Repeat the mixing and application procedures for the packs labelled SAFER GRIP, (Top Coat). Apply the SAFER GRIP (Top Coat) Immediately after mixing using a large 12"paint roller to cover the 5m2 or 10m2 area as stated on the pack to encapsulate the grit. Do not apply any further GRIT. Allow to harden, normally 24 hours at room temperatures.

PRODUCT DATA

COVERAGE:
Sets are designed to cover either 5m2 or 10m2. See pack label for details.
Coverage rates may vary however depending upon the site conditions that prevail, i.e., textured concrete, cold site conditions etc.

POT LIFE
When fully mixed, approximately 45 minutes at 20^0C Extended pot life at lower temperatures, reduced pot life at higher temperatures.

CURING /HARDENING TIME
Both the 'Base coat' and 'Top Coat' become tack free after 24 hours @ 20^0 C. Longer periods of cure will be required at colder temperatures. Suitable for trafficking normally after 24 hours.
Full cure/ hardening after 7 days at 20^0C.

CHEMICAL RESISTANCE
Resistant to spillages of most chemicals commonly met within industry.
Consult our Technical Department for further advice.

STRENGTH AFTER	**24 HOURS**	**3 DAYS**	**7 DAYS**
Tensile Strength	15 MPa	23 MPa	25 MPa
Flexural Strength	10 Mpa	19 MPa	21 MPa

SLIP RESISTANCE
The fully cured product offers a traction enhanced surface. Certified when tested to BS 7976-2
Mean PTV (Dry) 78 (Low risk of slip) Mean PTV (Wet) 69 (Low risk of slip)
Puddles of water or other liquids must be removed to retain the degree of safe slip resistance.

COLOURS
Available in a wide range of colours—see our colour chart—Colour matching service is available.

PACK
Comprising of three components. Resin, Hardener and Grit.
Each Pack consists of 1 set of Base Coat, 1 set of Top Coat and a Grit Pack

SHELF LIFE
12 Months in sealed containers when stored in dry warm conditions

HEALTH & SAFETY
Read Health and Safety Data Sheets prior to handling this product

LIMITATIONS
Do not apply onto wet concrete or in temperatures below 5^0C.
As with all epoxy resin flooring systems some yellowing of the colour will occur if exposed to direct UV Light (sunlight) and warm temperatures.