



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

COATINGS

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Epoxy Coating, Flexible Grade

- ▲ **High Elasticity, Flexibility**
- ▲ **Outstanding Chemical Resistance**
- ▲ **Excellent Abrasion Resistance**
- ▲ **Solvent Free—Virtually Odourless**



THE RANGE

We have been manufacturing high performance floor coatings for almost three decades. All our epoxy resin floor coatings have been designed and developed with advice from applicators and clients to provide a lasting solution. Simple to mix and easy to apply. Good long term performance and great value for money. For painting concrete and timber floors.

EPOXY COATING FLEXIBLE GRADE

This grade of Epoxy Coating is flexible making it ideal for painting concrete or timber floors that vibrate or are exposed to freezing temperatures. This durable, rubber like coating offers high chemical resistance and will harden outside in cold conditions to provide lasting protection.

Available in 2 litre and 4.5 litre packs.

http://www.epoxyproducts.co.uk/epoxy_floor_paint.html

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DESCRIPTION

EPOXY COATING FLEXIBLE GRADE is a two-part epoxy resin floor coating providing a "rubber like" waterproof coating of outstanding durability for both internal and exterior applications.

USES: This flexible epoxy coating is capable of withstanding excessive vibration and freezing temperatures. Climatic changes will not effect this product making it ideal for external balconies and storerooms that may vary in temperature and require good all round performances.

PREPARATION: Surfaces must be clean, dry, sound and free from grease, oil and other forms of contamination. Concrete laitance should be removed by acid washing using CONCRETE ETCH and rinsed thoroughly. For best results and larger areas Vacuum Track Shot Blasting is recommended. This coating can be applied onto previously painted floors providing the existing floor paint is sound and well abraded prior to application.

MIXING: Wearing Personal Protective Equipment: protective eye glasses and gloves. Empty the entire contents of the pot labelled Pack "B" (Hardener) into the larger pot labelled Pack "A" (Resin) and stir using a mixing paddle in an electric drill on a slow speed for about 3 minutes. Ensure attention is given to the sides and bottom of the container during the mixing process. Having mixed thoroughly, the entire contents must be used within 40 minutes.

APPLICATION: Apply the coating immediately after mixing by brush or roller. One coat is all that is normally required. Fine aggregates can be sprinkled upon the coating to provide some slip resistance

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

PRODUCT DATA

COVERAGE

4.5 Litres will cover up to 15—20M² depending upon the site conditions that prevail, i.e., concrete porosity, texture and temperature.

POT LIFE

When fully mixed, approximately 40 minutes @ 20⁰C. Extended pot life at lower temperatures.

CURING /HARDENING TIME @ 20⁰C

Tack free in 24 hours. Light traffic after 24 hours. Heavy traffic after 3 days. Full cure and maximum chemical spillage resistance after 7 days .

CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.

PROPERTIES OF THE SYSTEM

Parameter	Unit	Figure	Method
Hardness	Shore D	10	DIN 53505
		25	
Bending Tensile Strength	N/mm ²	9	EN ISO 178
Tensile Strength	N/mm ²	15	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm ²	1	DIN EN 13 578

SLIP RESISTANCE

The fully cured product offers some slip resisting properties. However, should the surface become wet the product is slippery and dangerous. Fine aggregates can be sprinkled upon the coating while still wet, to provide slip resistance.

COLOURS

Twelve in house colours. See colour chart showing the entire range.

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