



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

COATINGS

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## Epoxy Coating Water Based

- ▲ Can be Applied onto Damp Concrete
- ▲ Odourless
- ▲ Wash your Rollers/Brushes in Water
- ▲ Tough, Durable and Long Lasting



### 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 and walls.

### EPOXY COATING WATER BASED

This grade is water based making it ideal for painting floor areas that are damp and being odourless is perfect for application in busy factory areas. This tough, chemically resistant coating will provide long term protection against fork trucks and offer good chemical spillage resistance. Can be applied to floors, walls and ceilings. Applied internally and externally.

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## DESCRIPTION

**EPOXY COATING WATER BASED** is a two-part epoxy resin coating specially developed for painting damp or dry concrete or timber floors, walls and ceilings both internally and externally.

**USES:** It will provide excellent protection to floors, walls and ceilings. This coating is most suitable for application to all factory floors, warehouses, workshops, plant rooms, cellar floors and walls. In fact any floor that demands protection and that is damp during the painting process. An ideal coating for water retaining structures such as reservoirs, holding tanks, fish tanks and swimming pools.

**PREPARATION:** Surfaces must be clean, sound and free from grease, oil and other forms of contamination. Surfaces can be damp or dry. Concrete laitance should be removed by acid washing using CONCRETE ETCH and rinsed thoroughly. For best results Vacuum Track Shot Blasting is recommended. This coating can be applied onto previously painted floors providing the existing floor paint is sound and well bonded to the concrete. Existing paint must be abraded with carborundum papers to provide a key. Ensure the temperature of the base concrete is above 5°C prior to painting.

**MIXING:** Wear Personal Protective Equipment: protective eye glasses and gloves. Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle in an electric drill on a slow speed. Ensure attention is given to the sides and bottom of the container during the mixing process. Having mixed use all within 40 minutes. At this point a further 10% cold water can be added to the product if the concrete is particularly porous or textured and proving difficult to apply. Storing the product in warm conditions overnight will make life easier when mixing both components together.

**APPLICATION:** Apply the coating immediately after mixing by brush, roller or spray. Two coats are normally required for maximum resistance. For best results apply the second application within 48 hours of the first. Anti-slip aggregates can be applied to the coating to provide some slip resistance particularly in constantly wet areas and in swimming pools.

**HEALTH AND SAFETY:** Read Health and Safety Data Sheet prior to handling this product. As some people find Epoxy based products irritant to the skin, all users are recommended to use barrier cream and thoroughly wash with soap and water after use.

## PRODUCT DATA

### COVERAGE

First Coat - 4.5 Litres will cover up to 30M<sup>2</sup>

Second Coat - 4.5 Litres will cover up to 40M<sup>2</sup>

Coverage rates will depend entirely upon the porosity and texture of the concrete or timber.

### POT LIFE

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

### CURING /HARDENING TIME

Tack free - 8 hours at 20°C. Do not apply at below 5°C. Full cure/hardness after 7 days.

### CHEMICAL RESISTANCE

Resistant to spillages of most chemicals commonly met within industry. Seek Technical advice from EPOXY PRODUCTS TECHNICAL DEPARTMENT.

### PROPERTIES OF THE SYSTEM

Parameter	Unit	Figure	Method
Hardness	23°C, 24 hours	66	DIN 53505
	23°C, 7days	76	
Compressive Strength	N/mm <sup>2</sup>	75	EN ISO 604
Bending Tensile Strength	N/mm <sup>2</sup>	65	EN ISO 178
Tensile Strength	N/mm <sup>2</sup>	37	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm <sup>2</sup>	2	DIN EN 13 578
Abrasion resistance	mg	55	Taber (CS10,1000, 1000)

### SLIP RESISTANCE

The fully cured product offers low slip resisting properties. For excellent slip resistance use Epoxy Safety Coating which achieved "Low Risk of Slip" under the BS 7976-2 Slip Test.

### COLOURS

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

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