



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

COATINGS

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Epoxy Flexible Coating - Water Based

- ▲ **High Elasticity and Flexibility**
- ▲ **Rapid Hardening**
- ▲ **Wash your Rollers/Brushes in Water**
- ▲ **Outstanding Chemical Resistance**



THE RANGE

We have been manufacturing high performance coatings for over three decades. Our epoxy resin coatings have been designed and developed with advice from applicators to provide a lasting solution.

Simple to mix and easy to apply.

Good long term performance and great value for money. For painting concrete, timber and steel.

EPOXY FLEXIBLE COATING - WB

This grade is flexibilised and water based, making it ideal for painting concrete and timber that is damp and subject to structural movements, vibration or exposed to extreme environmental conditions.

This tough, chemically resistant coating will provide long term protection.

Can be applied internally and externally.

Available in 2, 4.50 and 9 Litre twin pack

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



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Epoxy Flexible Coating WB

DESCRIPTION

EPOXY FLEXIBLE COATING WB is a two-part flexible epoxy resin coating specially developed for painting damp or dry concrete, timber and steel surfaces that are subject to structural movement, vibration or extreme environmental conditions.

USES: It will provide excellent protection to floors, walls and steelwork. For application to all factory floors, warehouses, workshops, plant rooms, cellar floors and walls. All surfaces that demand protection and maybe damp during the painting process. An ideal coating for water retaining structures such as reservoirs, holding tanks, water channels, fish tanks, ponds, shower rooms, swimming pools and balconies.

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 large floor areas, Vacuum Track Shot Blasting is recommended. This coating can be applied onto previously painted floors providing the existing paint is sound and well bonded to the concrete. Existing paint must be clean and abraded to provide a key.

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 sprinkled upon the wet coating during application to provide slip resistance. This is recommended particularly for those floor areas that become wet or are likely to be permanently wet.

HEALTH AND SAFETY: Always read Health and Safety Data Sheet prior to handling

PRODUCT DATA

COVERAGE

First Coat - 4.50 Litres will cover up to 25M²

Second Coat - 4.50 Litres will cover up to 40M²

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

POT LIFE

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

SHELF LIFE

12 Months if stored in dry warm conditions. DO NOT store in freezing conditions.

CURING /HARDENING TIME

Tack free - 6 hours at 20⁰C. Colder conditions require longer hardening periods.

Do not apply at below 5⁰C. Full cure/hardness after 7 days.

CHEMICAL RESISTANCE

Resistant to spillages of most chemicals commonly met within industry. Seek Technical advice.

PROPERTIES OF THE SYSTEM

Parameter	Unit	Figure	Method
Hardness 23 ⁰ C, 24 hours	Shore D	50	DIN 53505
		60	
Bending Tensile Strength	N/mm ²	75	EN ISO 178
Tensile Strength	N/mm ²	55	EN ISO 527-1
Abrasion resistance	mg	55	Taber (CS10,1000, 1000)

SLIP RESISTANCE

The fully cured product offers low slip resisting properties. Incorporate upon the wet coating During its application, fine grit or dry sand. Alternatively use Epoxy Safety Coating WB which achieved "Low Risk of Slip" under the BS 7976-2 Slip Test.

COLOURS

White, Silver, Granite. Slate, Black and Red

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