EPOXY
PRODUCTS LIMITED

Manufacturers of High Performance Floor Coatings and Re-Surfacing Screeds

COATINGS

Epoxy Coating Water Based

- **Can be Applied onto Damp Concrete**
- **Can be walked on after 4 hours**
- **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. Our epoxy resin floor 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 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.

Available in 2, 4.50 and 9 Litre twin pack

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

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Epoxy Coating Water Based

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. For application to all factory floors, warehouses, workshops, plant rooms, cellar floors and walls. All floor areas that demand protection and are damp during the painting process. An ideal coating for water retaining structures such as reservoirs, holding tanks, water channels, fish tanks, shower rooms 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.

PRIMING: Concrete should be primed, normally the day before, with one coat of EPOXY SEALER WB. This primer will normally harden overnight. Power float concrete will require one coat of EPOXY SEALER WB. Textured or very porous concrete may require two coats of EPOXY SEALER WB. One coat to be applied per day.

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 textured and proving difficult to roller 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. For large areas apply with a 12" sheepsil (blue stripe) roller .

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

PRODUCT DATA

COVERAGE

Normally 30m2 per 4.50 litres. Power float primed surfaces - 40m2 per 4.50 litres
Coverage rates will depend entirely upon the prevailing site conditions, i.e., porosity and texture of the concrete, stone or timber.

POT LIFE

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

CURING /HARDENING TIME

Tack free - 4 hours at 20^0c Do not apply at below 4^0C. 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 23^0C, 24 hours	Shore D	66	DIN 53505
23^0C, 7 days		76	
Compressive Strength	N/mm2	75	EN ISO 604
Bending Tensile Strength	N/mm2	65	EN ISO 178
Tensile Strength	N/mm2	37	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm2	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.