

Epoxy Coating



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

COATINGS

- ▲ **Solvent Free—Virtually Odourless**
- ▲ **Withstands Fork Trucks**
- ▲ **Low Temperature Hardening**
- ▲ **High Chemical Resistance**



THE RANGE

We have been manufacturing high performance floor coatings for over three decades. All our epoxy floor coatings have been designed and developed with advice from applicators and clients to provide easy to mix and apply products. Long term performance and great value for money.

EPOXY COATING

This grade is solvent free, and odourless making it ideal for painting floors in environments that are operational or have poor ventilation. This tough, chemically resistant floor coating will harden in low temperatures and provide long term protection against fork trucks and chemical spillage.

Available in 2, 4.50 and 9 Litre twin

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

Epoxy Products Limited
Unit 7 Haviland Road
Ferndown Ind. Estate
Wimborne
Dorset
BH21 7RZ

Phone: 01202 891899

Fax: 01202 896983

Email: sales@epoxyproducts.co.uk

Web: www.epoxyproducts.co.uk

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PRODUCTS LIMITED

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COATINGS

DESCRIPTION

EPOXY COATING is a high quality industrial epoxy floor paint. This solvent free, twin pack, will provide a painted flooring resistant to heavy fork trucks, intense trafficking and chemical spillages i.e., solvents, oils, grease and fuels.

USES: It will provide protection to floors that demand high levels of durability and performance such as factories, warehouses, engineering workshops, plant rooms, in fact any floor that is heavily trafficked by fork trucks, pallet trucks or pedestrians.

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 EPOXY PRODUCTS CONCRETE ETCH and rinsed thoroughly. For best results Vacuum Track Shot Blasting is recommended. This coating can also be applied onto previously painted floors providing the existing floor paint is sound and well abraded prior to application.

MIXING: Wear Personal Protective Equipment: protective eye glasses and vinyl gloves. Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle and an electric drill on slow speed 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 within 35 minutes.

APPLICATION: Apply the coating immediately after mixing by brush or paint roller. Two coats are normally required for maximum resistance. For best results apply the second application within 48 hours of the first. Fine aggregates can be sprinkled upon the coating to provide some slip resistance, alternatively apply our SAFETY COATING.

HEALTH AND SAFETY: Read Health and Safety Data sheets prior to handling this product.

PRODUCT DATA

COVERAGE

4.5 Litres will cover 30m² per coat depending upon the porosity and texture of the substrate.

POT LIFE

When fully mixed approximately 35 minutes at 20°C. Extended pot life at lower temperatures,

CURING/HARDENING TIME @ 20°C

Tack free after 12 hours. Light traffic after 24 hours. Heavy fork trucks after 2 days

CHEMICAL RESISTANCE

Resistant to spillages of most chemicals commonly met within industry.

Contact our Technical Services Department for immediate advice.

Strength

Parameter	Unit	Figure	Method
Hardness13 ⁰ C,24hours	ShoreD	58	DIN53505
23 ⁰ C,24hours		69	
23 ⁰ C,7days		77	
Compressive Strength	N/mm ²	90	EN ISO604
BendingTensile	N/mm ²	72	EN ISO178
Tensile Strength	N/mm ²	41	EN ISO 527-1
Adhesion/Pull Off Strength	N/mm ²	2	DIN EN 13578
Abrasion Resistance	mg	55	Taber(CS10,1000,1000)

FIRE RESISTANCE

Tested to BS476:Part 6 and Part 7—Surface Spread of Flame—Classified Class 1

SLIP RESISTANCE

The fully cured coating will become slippery when wet. Additional slip resistance can be achieved by the incorporation of fine aggregates sprinkled upon the wet surface during its application.

COLOURS

In house colours available and colour matching service available.

PACK SIZES

2, 4.50 and 9 Litre packs (Combined volume of resin and hardener when mixed)

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