



Manufacturers of High  
Performance Floor  
Coatings and  
Re-Surfacing Screeds

SEALERS

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## Epoxy Sealer - Cold Cure

- ▲ Can be Applied in Cold Damp Conditions
- ▲ Solvent Free — Virtually Odourless
- ▲ Excellent Chemical Resistance
- ▲ Rapid curing — Early Return to Use



### THE RANGE

We have been manufacturing concrete floor sealers for over three decades. All our epoxy resin floor sealers have been designed and developed with advice from applicators and clients to provide a lasting solution. Good long term performance and great value for money. For sealing and dust proofing concrete floors.

### EPOXY SEALER - COLD CURE

This special grade of epoxy sealer is designed for application in cold damp conditions. This chemically resistant floor sealer will harden at extremely low temperatures and provide long term protection against fork trucks and chemical attack.

Available in 0.75 litre, 2 litre, 4.5 litre and 9 litre packs.

<http://www.epoxyproducts.co.uk/epoxy%20sealer.html>



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## Epoxy Sealer - Cold cure

### **DESCRIPTION**

**EPOXY SEALER COLD CURE** is a two-part, epoxy resin for sealing cold damp concrete floors. This tough, durable, chemical resistant surface will provide a glazed finish capable of withstanding heavy fork trucks and intense pedestrian trafficking. Ideal primer for subsequent floor coatings or resurfacing screeds.

**USES:** This sealer is suitable for application onto cold damp concrete flooring within garages, factory floors, warehouses, workshops, food processing areas and storerooms, warehouses and most concrete floors that demand a tough, sealed environment. Will withstand heavy fork trucks and offer outstanding chemical spillage resistance.

**PREPARATION:** Concrete floor surfaces must be sound, dry and free from grease and other forms of excessive contamination. Concrete laitence should be removed by either acid washing using CONCRETE ETCH or by floor grinding. For large areas, Vacuum Track Shot Blasting is recommended. This sealer can be applied onto previously painted floors. New concrete floors should be at least 14 days old. Remove all free standing water.

**MIXING:** Empty the entire contents of Pack "B" (Hardener) into Pack "A" (Resin) and stir using a mixing paddle and an electric drill on a slow speed for 3 minutes. For small quantities mix by hand. Ensure you reach both the sides and bottom of the container during the mixing process. Once fully mixed use all within 35 minutes.

**APPLICATION:** Apply the sealer immediately after mixing by brush or roller. One coat if used as a primer. Two coats are normally required for a tough wearing finish. For best inter coat adhesion, apply the second application immediately the first coat is touch dry normally the following day. Anti-slip aggregates can be scattered upon the sealer while still tacky, and rolled into the surface, to provide some slip resistance.

**HEALTH AND SAFETY:** Read the Health and Safety Data Sheet prior to handling.

### **PRODUCT DATA**

#### **COVERAGE**

4.5 Litres will cover up to 30M<sup>2</sup> depending upon the site conditions that prevail i.e., porosity and texture and temperature of the substrate.

#### **POT LIFE**

When fully mixed, approximately 35 minutes @ 20<sup>0</sup> C. Extended pot life at lower temperatures, reduced at high temperatures.

#### **CURING /HARDENING TIME**

Tack free in 18 hours @ 5<sup>0</sup> C. Light traffic after 18 hours @ 5<sup>0</sup> C. Heavy traffic after 24 hours. Full cure after 7 days @ 20<sup>0</sup> C.

#### **CHEMICAL RESISTANCE**

Resistant to spillages of many chemicals commonly met within industry.

#### **PROPERTIES OF THE SYSTEM**

Parameter	Unit	Figure	Method
Hardness 13 <sup>0</sup> C, 24 hours	Shore D	58	DIN 53505
23 <sup>0</sup> C, 24 hours		69	
23 <sup>0</sup> C, 7days		77	
Compressive Strength	N/mm <sup>2</sup>	85	EN ISO 604
Bending Tensile Strength	N/mm <sup>2</sup>	70	EN ISO 178
Tensile Strength	N/mm <sup>2</sup>	40	EN ISO 527-1
Abrasion resistance	mg	50	Taber abrasion (CS10,1000, 1000)

#### **SLIP RESISTANCE**

The fully cured product offers low slip resisting properties. For high slip resistance use Epoxy Safety Sealer. This product conforms to BS 7976-2. for Slip Resistance

**SHELF LIFE** - 12 months in sealed containers. Protect from frost.

**COLOURS** - Available in a wide range of colours. See our colour chart

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