

Epoxy Screed, Heavy Duty



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

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Epoxy Products Limited
7 Haviland Road
Ferndown Industrial Estate
Wimborne
Dorset
BH21 7RZ

Phone: 01202 891899
Fax: 01202 896983
Email: sales@epoxyproducts.co.uk
Web: www.epoxyproducts.co.uk

- ▲ **Outstanding Strength**
- ▲ **Non-Porous, Good Slip Resistance**
- ▲ **Virtually Odourless**
- ▲ **Excellent Chemical Resistance**



EPOXY PRODUCTS EPOXY SCREED HD is an extremely tough, non-porous epoxy screed for surfacing heavy industrial concrete floors.

EPOXY PRODUCTS EPOXY SCREED HD is a three part epoxy resin formulated to provide an outstanding durability combined with high chemical spillage resistance. This flooring screed offers all the qualities required for heavy industrial floor that demand high performance.

EPOXY PRODUCTS EPOXY SCREED HD has rapid strength development that enables an early return to use of heavy traffic within 24-48 hours.

EPOXY PRODUCTS EPOXY SEALER is recommended to be used in conjunction with this product.

It is available in 10 kilo and 25 kilo packs.

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DESCRIPTION

EPOXY PRODUCTS EPOXY SCREED HD is a three part Epoxy Resin, formulated to provide a topping screed for concrete floors which are subject to Heavy Fork Lift Traffic and/or chemical attack. The non-porous, slip resistant, easy to clean finish is ideal when a hard wearing but decorative finish is required. The rapid strength development after laying enables an early return to use of heavy traffic within 24-48 hours.

USES: Industrial floor topping screeds in dairies, bakeries, breweries, engineering shops, chemical stores, kitchen, sports changing rooms etc..

PREPARATION: Surfaces must be dry and free from grease, oil and other forms of contamination. Remove any loose materials and sweep clean. Cleaning is imperative and the best results can be achieved by use of **EPOXY PRODUCTS CONCRETE CLEANER**.

MIXING: Remove all items from the plastic bucket. Empty the entire contents of Pack "A" into the empty plastic bucket. Add Pack "B" and mix thoroughly together using an electric drill and a mixing paddle. Add slowly the Pack "C" and continue to stir until a uniform colour is achieved.

APPLICATION: All surfaces must be primed with **EPOXY PRODUCTS EPOXY SEALER** preferably the night before. Apply the mixed material to the prepared surface immediately using a steel trowel. After applying the screed to the desired depth, clean the trowel using **EPOXY PRODUCTS CLEANING SOLVENT**.

HEALTH AND SAFETY: 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. Avoid skin and eye contact. If eye contact is made then rinse with clean water and seek immediate medical advice.

PRODUCT DATA

Coverage

10 kg will cover 1 m² at 5 mm depth.

POT LIFE

When fully mixed, approximately 25-30 minutes @ 20⁰ C. Extended pot life at lower temperatures, reduced at high temperatures.

CURING TIME

Initial cure after 24 hours @ 20⁰ C. **DO NOT USE** at temperatures below freezing.

Full cure in 7 days.

CHEMICAL RESISTANCE

Resistant to spillages of many chemicals commonly met within industry.
Contact Technical Services for more advice.

STRENGTH

	<u>AFTER 24 HOURS</u>	<u>3 DAYS</u>	<u>7 DAYS</u>
Tensile Strength	10.34 MN/m ²	17.20 MN/m ²	24.12 MN/m ²
Compressive Strength	31.86 MN/m ²	50.20 MN/m ²	91.72 MN/m ²
Flexural Strength	-	18.96 MN/m ²	22.40 MN/m ²

SLIP RESISTANCE

The applied and fully cured screed surface offers good slip resistant properties.

TOOL CLEANING

Clean all tools with **EPOXY PRODUCTS CLEANING SOLVENT**.

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