



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

CONCRETE REPAIR

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

Epoxy Mortar, Lightweight

- ▲ **Lightweight—Can be Applied Overhead**
- ▲ **Superb Adhesion Properties to Concrete**
- ▲ **Rapid Development of Strength**
- ▲ **Can be Colour Matched to Concrete**



THE RANGE

We have been manufacturing a range of concrete repair and resurfacing products for over three decades. All offer outstanding strength, wear resistance, chemical resistance, impact resistance and long term performance. For repairing and resurfacing damaged or worn concrete, steps, ramps and doorway thresholds.

EPOXY MORTAR, LIGHTWEIGHT

This grade is specifically designed for repairing concrete vertically or overhead. The lightweight formula enables the mortar to be applied at a depth of 50mm overhead without slumping. Setting hard normally overnight. Ideal for repairing damaged or spalled concrete window cills, lintels, beams and columns. Rapid strength development.

Available in 10kg and 20kg packs

[http://www.epoxyproducts.co.uk/epoxy%20concrete%](http://www.epoxyproducts.co.uk/epoxy%20concrete%20)



Manufacturers of High
Performance Floor
Coatings and
Re-Surfacing Screeds

CONCRETE REPAIR

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

Epoxy Mortar, Lightweight

DESCRIPTION

EPOXY MORTAR LIGHTWEIGHT is an incredibly tough epoxy resin lightweight mortar ideal for repairing eroded or damaged concrete or stone window cills, columns, beams, lintels and overhead concrete ceilings. It has outstandingly high strength and chemical resistance. Similar product to our standard Epoxy Mortar with the advantages gained by being lightweight.

USES: Repairs to spalled or damaged concrete or stone window cills, lintels, columns, beams and ceilings. Chemically resistant wall renderings and repairs to vertical, overhead and horizontal surfaces.

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

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 an electric drill and mixing paddle attachment. For larger quantities use a "forced action mixer" such as a Danes, Mixal or Creatangle Mixer. Ensure you reach the bottom and sides of the bucket to thoroughly mix both components together. Mix until a uniform colour is achieved for a period of 3 minutes. Having mixed both components use all within 40 minutes.

APPLICATION: All surfaces must be primed with TACK PRIMER VG. Apply the mortar immediately using a steel trowel and while the primer is still tacky. You can apply up to 100mm depth at one time. Further layers can be applied after priming. After applying the mortar to the desired depth and profile, trowel smooth, after cleaning the face of the trowel with CLEANING SOLVENT. Occasionally wiping the face of the trowel will help release any build up of resin tack.

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

PRODUCT DATA

COVERAGE

Primer (Tack Primer VG) - 2 M² per 0.5 Litre
EPOXY MORTAR LW - 1 M² at 6mm per 10 Kg

POT LIFE

When fully mixed, approximately 40 minutes @ 20⁰ C. Extended pot life at lower Temperatures. Reduced period at high temperatures.

HARDENING/CURING TIME

Initial hardness/cure after 24 hours @ 20⁰ C. Full hardness/cure after 7 days. Extended hardening periods in cold temperatures.

CHEMICAL RESISTANCE

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

STRENGTH	AFTER 24 HOURS	3 DAYS	7 DAYS
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

Bond strength to concrete - Far exceeds the cohesive strength of concrete

COLOURS

Available in a range of colours. Colour matching service available.

TOOL CLEANING

Clean all tools with CLEANING SOLVENT.

PACK SIZES 10kg and 20kg—Combined weight of Resin and Hardener Packs.

Whilst Epoxy Products Limited endeavours to ensure that any advice, recommendation, specification or information it may give is accurate and correct, it can not, because it has no direct or continuous control over where or how its products are applied, accept any liability either directly or indirectly arising from the use of its products, whether or not in accordance with any advice, specification or information given.