

## Epoxy Mortar, Lightweight



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

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



EPOXY PRODUCTS EPOXY MORTAR LW is an incredibly tough, lightweight epoxy resin mortar for repairing vertical or overhead concrete or stone. Can be colour matched to match existing concrete, stone or brickwork.

EPOXY PRODUCTS EPOXY MORTAR LW unique formulation enables the contractor to apply this product both vertically and overhead. It has outstanding early strength development and chemical resistance.

EPOXY PRODUCTS EPOXY MORTAR LW repairs are virtually indestructible and its wear resistance and adhesion are unequalled. Similar product to standard Epoxy Mortar but with the advantages gained by being lightweight.

EPOXY PRODUCTS TACK PRIMER VG is to be used as a primer for this product.

It is available in 5 kilo and 10 kilo packs.

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

Phone: 01202 891899  
Fax: 01202 896983  
Email: [sales@epoxyproducts.co.uk](mailto:sales@epoxyproducts.co.uk)  
Web: [www.epoxyproducts.co.uk](http://www.epoxyproducts.co.uk)



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# Epoxy Mortar, Lightweight

## DESCRIPTION

**EPOXY PRODUCTS EPOXY MORTAR LW** is an incredibly tough, two part epoxy resin lightweight mortar ideal for repairing eroded or damaged concrete 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 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 EPOXY PRODUCTS CONCRETE CLEANER.

**MIXING:** Empty the entire contents of Pack "B" into Pack "A" 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. Having mixed both components use all within 30 minutes.

**APPLICATION:** All surfaces must be primed with EPOXY PRODUCTS TACK PRIMER VG. Apply the mortar immediately using a steel trowel and while the primer is still tacky. You can apply up to 20mm depth at one time. Further layers can be applied after further priming. After applying the mortar to the desired depth and profile, trowel smooth, after cleaning the face of the trowel with EPOXY PRODUCTS CLEANING SOLVENT. Occasionally wiping the face of the trowel will help release any build up of resin tack.

**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. Read Health & Safety Data Sheet prior to handling this product.

## PRODUCT DATA

### COVERAGE

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

### POT LIFE

When fully mixed, approximately 30 minutes @ 20<sup>0</sup> C. Extended pot life at lower temperatures, reduced at high temperatures.

### HARDENING/CURING TIME

Initial hardness/cure after 24 hours @ 20<sup>0</sup> C. Full hardness/cure after 7 days. Extended hardening periods in cold temperatures. Lower in warmer temperatures

### 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 N/mm <sup>2</sup>	17.20 N/mm <sup>2</sup>	24.12 N/mm <sup>2</sup>
Compressive Strength	31.86 N/mm <sup>2</sup>	50.20 N/mm <sup>2</sup>	91.72 N/mm <sup>2</sup>
Flexural Strength	-	18.96 N/mm <sup>2</sup>	22.40 N/mm <sup>2</sup>

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

### TOOL CLEANING

Clean all tools with EPOXY PRODUCTS CLEANING SOLVENT.

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