

Masonry Cement Composites (Pty) Ltd

Registration Number: 2014/263264/07

VAT No: 4090268972

27 Reuben Kaye Road, Parow Industrial, 7493

Tel: 021-934 0374 / Whatsapp: 068 006 4419

Generated on: 2026-09-25 15:50:38

Epoxy Waterbased Coating 5Lt



SKU: MWP28

TECHNICAL DATASHEET

POXY WATERBASED COATING

Two Component Hi-build Water based Epoxy Coating

EPOXY WATERBASED COATING is an epoxy flooring hi-build water-based coating with good chemical resistant properties which gives a tough but resilient flooring system, with reasonable colour stability. A flooring system able to withstand high loadings and displays good all-round abrasion and scuff resistance.

TYPICAL APPLICATION

For use in commercial and decorative applications where high gloss and colour are required with seamless professional finishing. Used in car showrooms, offices, kitchens, laboratories, shopping areas, shop floors and domestic applications. Water-based for low VOC emissions.

ADVANTAGES

- Good colour stability
- Long lasting
- Seamless flooring
- High gloss
- Easy application
- Superb aesthetic
- High resistance to water and chemicals
- Easy to maintain
- Low VOC emissions

WATCH POINTS

- Substrates must be flat and smooth

- Ensure good priming to avoid blow holes or pin holes
- Dust contamination on the surface must be prevented during cure.

DIRECTIONS FOR USE

Surface Preparation:

Surfaces to be clean, sound and free of deleterious substances. Remove all laitance, oil, grease, paints, mould oil or curing compound from concrete surfaces using wire brush, bush hammer, scabbler or other plant as appropriate. Ensure that the substrate is flat and smooth, repairing any holes and dips with FEATHER FINISH. Use SELF LEVELING screed if the substrate surface needs to be levelled completely. required. Friable screeds will have to be removed or re-screeded as necessary. Note any joints in order to follow through the epoxy screed where necessary.

Priming:

POXY PRIMER or a scraper coat of EPOXY WATERBASED resin and hardener (no aggregate).

Application:

Using a festool mixer or another suitable mechanical mixer. Mix the resin in the container first to ensure any settled materials have been resuspended in the resin. Then mix the resin and hardener together in a clean bucket or metal drum. Roll out onto the primed areas using a mohair roller. Allow 24 hours before light traffic

TYPICAL PROPERTIES

Yield See Pack Size

Coverage 5m² per litre

Application Temp 10°C to 25 °C

Application Thickness 200 – 250 micron

Pot Life 20 minutes

Cure: Light Traffic 24 hours

Full Cure: 7 days 7 Days

Compressive Strength 60MPa

Bond Strength 1,5 N/mm²

Cleaning Thinners

Equipment Care

All tools should be cleaned with thinners immediately after use. If delayed, the equipment will need mechanical action to clean or be discarded.

Warranty

Masonry Cement Composites (PTY) Ltd products have a manufacturing defect free warranty. Products, when applied as stipulated in this technical datasheet, will perform as specified without manufacturing defect.

REVISION: 5.2