Masonry Cement Composites (Pty) Ltd

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Generated on: 2026-11-10 19:19:53

Poxy Primer



SKU: MWPSPK

TECHNICAL DATASHEET

POXY PRIMER
Two Component Clear Hi-Build Epoxy Primer

A colourless, clear deep-penetrating epoxy primer. Able to provide good adhesion to concrete, masonry, metal, wood, and ceramic surfaces. Cures to a clear, hard finish in 12 hours.

TYPICAL APPLICATION
A general purpose, solvent free primer for epoxy screeds and coatings. As a clear primer that is resistant to yellowing, it will work well with clear topcoats. The quick drying times will allow application of topcoats within 8 hours.

ADVANTAGES
- Deep penetrating into substrates
- Mutli purpose primer
- High build epoxy
- Low VOCs
- High gloss
- Easy application
- Moisture tolerant
- High resistance to water and chemicals
- High coverage
- Excellent adhesion to most substrates

• Aids in preventing rain and damp penetration
• Aids in preventing chloride intrusion
• Aids in protecting surface from discolouration and attacks in an acidified atmosphere
• Aids in preventing efflorescence
• Increases freeze I thaw resistance
• Colourless

WATCH POINTS

• Moisture content in the substrate must be below 12%
• Exposure of the primer to intense lighting or direct sunlight will produce discolouration in time

DIRECTIONS FOR USE

Surface Preparation:
The surface to be treated should be dry and free of loose matter, moss, algae growth and curing compounds. Defective joints in brick and stonework should be repointed. It is not necessary to treat hair-line cracks, but large cracks should be made good and allowed to dry before treatment. Efflorescence should be removed from the surface by brushing. For maximum penetration smooth dense surfaces should be prepared by grit blasting, water blasting or by other mechanical means

Priming:
No priming required.

Application:
Using a mechanical mixer, mix the resin and hardener together in a clean bucket or metal drum. Pour out the entire contents over the areas to be primed and spread out with a mohair roller for 100 micron coatings or squeegee for thicker applications. Allow 8 hours before application of top coats or screeds. After 24 hours, the primer may need a light sanding to generate a mechanical bond for top coats or screeds.

TYPICAL PROPERTIES

Application Thickness 100-200 micron
Mixing Ratio 2 Resin : 1 Hardener
Pot Life 20 Minutes
Application Temp. 5 - 35°C
Colour Clear
Coverage 8 - 10m2 per litre
Bond Strength 1.5 N/mm2
Compressive Strength 80 MPa
Over-coat time 8 hours
Cleaning Thinners

Equipment Care
Clean all equipment immediately after use with thinners.

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