# Masonry Cement Composites (Pty) Ltd

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## Epoxy 1mm Screed 10Lt



**SKU:** MWP121K

**TECHNICAL DATASHEET**

**POXY 1201**
Three Component 1mm Epoxy Screed

POXY 1201 is an epoxy flooring screed at 1mm nominal thickness 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 industrial 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.

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

**WATCH POINTS**
• Substrates must be flat and smooth
• Ensure good priming to avoid blow holes or pin holes
• Spike rolling must be well done to release entrapped air
• 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 POXY 1201 resin and hardener (no aggregate).

Application:
Using a festo mixer or other suitable mechanical mixer, mix the resin and hardener together in a clean bucket or metal drum. When mixed, add in the aggregate until a uniform, smooth mix is achieved. Pour out the entire contents over the primed areas and spread out with a steel trowel and allow to settle. Spike roll to remove bubbling and encourage levelling. Allow 24 hours before light traffic

**TYPICAL PROPERTIES**

Yield See Pack Size
Coverage 1m2 per litre
Application Temp 10°C to 25 °C
Application Thickness 1mm Trowel on application
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