



**KWA-ZULU NATAL**

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## MULTI POXY 1305

### Two Component Wet-to-Dry Epoxy Adhesive Primer

#### Description

MULTI POXY 1305 is a filled thixotropic solvent free epoxy putty with excellent gap filling properties and is used primarily as adhesive primer for new concrete pours onto existing concrete substrates. The adhesive is fluid enough to apply over uneven surfaces with good penetration into the substrate. Sets at low temperatures and is resistant to moisture and has excellent chemical resistance.

#### Typical Applications

Bonding wet concrete to cured concrete, brick and steel in structural applications. Also used as a bonding adhesive for patching and repair work.

#### Advantages

- Easy application
- High bond strength
- High resistance to water and chemicals
- Moisture resistant
- Good penetration

#### Typical Properties

Yield	1 LT / 2LT / 5LT
Coverage	3-5m <sup>2</sup> per litre
Application Temp	10°C to 25 °C
Thickness	0.2 – 0.3mm
Pot Life	20 minutes
Time to overlay	Immediate to tacky
Full Cure	7 Days
Compressive Strength	80MPa
Tensile Strength	7 N/mm <sup>2</sup>
Shear Strength	40MPa
Cleaning	Thinners

#### Watch Points

- Pour concrete onto the MULTI POXY 1305 while it is still wet or tacky, do not allow it to set hard or it will act as a bond breaker.
- Mix only enough that can be covered in 1 hour of application.



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## MULTI POXY 1305

### 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 surfaces using wire brush, bush hammer, scabblor or other plant as appropriate.

#### Priming:

No priming is required.

#### Application:

Mix the resin and hardener together in a clean bucket. Mix only enough to be able to apply within the pot life of the epoxy. Using a PVA roller, apply a liberal coat of MULTI POXY 1305 over the surface to be primed, working the primer into the substrate well. Set the concrete into the primer while it is still wet or tacky to ensure good bond between the two substrates.

### Equipment Care

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

### Packing

Supplied in 1LT, 2LT and 5LT Resin + Hardener Kits

### Quality Assurance

Multi Construction Chemicals South Africa (PTY) Ltd production and testing programs comply with all local and international testing standards.

REVISION: 3.1