

# Boscocem Slurry

## Two-component Cementitious Waterproofing

### PRODUCT DESCRIPTION

Boscocem Slurry is a cement-based two-component alkali reactive polymer modified waterproofed coating.

### PRODUCT USES

- Designed for waterproofing protection to:
  - Water Tanks
  - Bathrooms, Balconies, Terraces
  - Swimming Pools, Pool Decks
  - Water Features
  - Planter Boxes, Canopies
  - External Walls
- As waterproofed underlayment to prevent seepage:
  - Before laying marbles
  - Under timber floors
  - Underlayment for vinyl and carpets
- Boscocem Slurry is highly effective for positive side waterproofing against hydrostatic pressure.

### FEATURES AND BENEFITS

- Can be tiled over successfully.
- Protect concrete against carbonation and attack from pollutants.
- Bonds well to damp surfaces.
- Can be painted over eg. parapet walls.
- Hard and abrasion resistant.

### SUBSTRATE TYPES

Bonds well to:

- Concrete
- Cement sand backings
- Steel
- Metal
- Aluminium
- PVC pipes

### MIXING

Boscocem Slurry is packed ready to use in 2 components. Always put the Liquid component in a clean mixing container, and slowly add the Powder component whilst string. Mix on site using a slow speed mechanical mixer. Small amounts may be hand-mixed separately.

### APPLICATION

The mixed Boscocem Slurry can be applied onto the prepared substrate using brush or roller.

**Dampen**-All concrete and cement substrates shall be dampened or saturated prior to applying Boscocem Slurry waterproofing.

The application shall be done in a minimum of two coats, the 1st coat in one direction. The 2nd coat in a direction perpendicular to the 1st coat.

Leave the 1st coat to set between 1 to 2 hours before applying the 2nd coat.

If the 1st coat is left overnight, the surface shall be dampened before subsequent applications.

**Curing**-The finished Boscocem Slurry must be protected from rapid drying. Curing shall be at least 24 hours before open to traffic, to yield optimum strength.



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### SUBSTRATE PREPARATION

All substrates shall be sound and free from dust, excess mortar, oil or other loose particles.

Cracks or honeycombs shall be repaired using Flowfill Grout GP.

### CLEANING

All tools and equipments can be cleaned with clean water before the product sets.

### PACKAGING

Boscocem Slurry - Liquid Component - 8 kg  
- Powder Component - 25 kg

### RECOMMENDED COVERAGE

1. Ground moisture - 1.0 - 2.0 kg/m<sup>2</sup>
2. Hydrostatic pressure - 2.0 - 2.5 kg/m<sup>2</sup>

### STORAGE AND SHELF LIFE

Boscocem Slurry has a shelf life of at least 12 months.

Store all materials in a cool dry place, in an elevated condition.

### PRECAUTION

- Never apply more than 4 kg/m<sup>2</sup> of Boscocem Slurry in one single layer.
- Never apply onto substrates with bitumen and polyurethane coating finishes.
- Apply only to clean, sound substrates - surfaces should be well dampened but free of surface water and leaks.
- Boscocem Slurry is not a decorative treatment. This does not affect the quality of the coating in any way. Where a decorative finish is required, overpaint Boscocem Slurry with any approved protective and decorative coatings.
- Never exposed finished Boscocem Slurry under direct sunlight.

### TECHNICAL DATA

Form	Grey Powder White Milky Liquid
Binder	Cement
Extender	Selected fine silica
Resin	Acrylic Polymer
Adhesion to concrete	0.5 N/mm <sup>2</sup>
Compressive Strength - ASTM C 109	20 N/mm <sup>2</sup> - 7 days 35 N/mm <sup>2</sup> - 28 days
Water Penetration @ 0.2 kg/cm <sup>2</sup> for 6 hours DIN 1048 : Part 5	No penetration
Water Vapour Permeability ASTM E96 : 95	Less than 10 g per m <sup>2</sup>
Pot Life 20°C (mixed)	1 hour
Initial Set 20°C	3 hours
Final Set 20°C	4 - 6 hours

### HEALTH AND SAFETY

Boscocem Slurry powder contains cement which may cause skin dermatitis. For personal precautions, protective gloves and goggles are recommended to be worn during handling of this product.