



technical data sheet

BOSCOCEM SLURRY

Two-Component Cementitious Waterproofing Coating

DESCRIPTION

Boscocem Slurry is a cement-based two-component alkali reactive polymer modified waterproofed coating, with a flexible component for crack bridging.

USES

Designed for external and internal 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

Boscocem Slurry is also as effective for waterproofing application on the negative side of structure as it is integrally bonded

FEATURES

- Ability to bridge cracks
- Can be tiled over successfully
- Protect concrete against carbonation and attack from pollutants
- Ability to withstand heavy topping without fracture
- Bonds well to damp surfaces
- Compatible with most materials like bitumen and polyurethane products
- Can be painted over e.g. parapet walls
- Hard and abrasion resistant

TYPICAL PROPERTIES

Form	Grey Power White Milky Liquid
Binder	Cement
Extender	Selected fine silica
Resin	Acrylic Polymer
Adhesion to concrete	0.5 N/mm
Compressive Strength – ASTM C109	20N/mm ² – 7 days 35N/mm ² – 28 days
Water Penetration @ 0.2 kg/cm ² for 6 hours DIN 1048: Part 5	No penetration
Water Vapour Permeability ASTM E96: 95	Less than 10 g per m ²
Pot Life 20°C (mixed)	1 hours
Initial Set 20°C	3 hours
Final Set 20°C	4 – 6 hours

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

All substrates shall be sound and free from dust, excess mortar, oil or other loose particles. Cracks or honeycombs shall be repaired using suitable cement mortar.

DAMPEN

All concrete and cement substrates shall be saturated with clean water before applying Boscocem Slurry waterproof coating. No freestanding water is present during application.

MIXING

Boscocem Slurry is packed ready for use in 2 components. Empty liquid component in a clean mixing container, and slowly add the Power component whilst stirring using a slow speed (500-600 rpm) heavy-duty electric drill with a suitable paddle. Minimal amount of water may be added to ease application only when necessary. Small amounts may be hand-mixed separately.



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Mix until homogeneous slurry is obtained and make sure that no unmixed power is left at the bottom of the container.

PLACING

The mixed Boscocem Slurry can be applied onto the prepared substrate using a bristle brush or block brush.

The application of Boscocem Slurry shall be done in a minimum of two coats, the 1st coat in one direction and 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 waterproofing must be protected from rapid drying. Curing of Boscocem Slurry shall be at least 36 hours before trafficking, to yield optimum strength.

CLEAN-UP

All tools, equipments and surrounding areas can be cleaned with clean water before the products sets. Hardened material has to be mechanically removed.

PACKAGING

Boscocem Slurry - Liquid (5 kg)
- Powder (20 kg)

COVERAGE

1. Ground moisture - 1.0 - 2.0 kg/m²
2. Hydrostatic pressure - 1.5 - 2.0 kg/m²

STORAGE

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 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.

HEALTH AND SAFETY

Suitable protection clothing, dust masks, gloves and eye protection should be worn. Continual or extended contact with cement products can cause skin irritation. If skin irritation occurs, flush skin with water for a minimum of 15 minutes. If irritation still persists, consult medical advices.

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