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## *technical data sheet*

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# **BOSCOCEM SLURRY**

## **Two-Component Cementitious Waterproofing**

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### **PRODUCT DESCRIPTION**

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

### **PRODUCT 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 AND BENEFITS**

- 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 eg. Parapet walls.
- Hard and abrasion resistant.

### **SUBSTRATE TYPES**

Bonds well to:

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

### **APPLICATION INSTRUCTIONS**

#### **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 suitable non-shrink filler.

### **CREATION OF SURFACE CONDITION**

Over excessively dry substrate, keep the substrate continuously moist for at least 1 to 2 hours before work begins. Remove all excess water or standing water, allowing the surface to become almost dry to provide an SSD (saturated surface dry) condition before installing the waterproofing system.

### **PRIMING**

For over excessively dry and porous substrate, prime the entire surface with Bostik Multiprime prior application of the waterproofing system with the rate of 5m<sup>2</sup> per liter depending of the substrate condition.

### **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. Minimal amount of water may be added to ease application. Small amounts may be hand-mixed separately.

### **PLACING**

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

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 trafficking, to yield optimum strength.

### **CLEANING**

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

### **PACKAGING**

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

## PERFORMANCE PROPERTIES

Form	Grey Powder White Milky Liquid
Binder	Cement
Extender	Selected fine silica
Resin	Acrylic polymer
Tensile Strength	> 1 N/mm <sup>2</sup>
Adhesion to concrete	>0.5 N/mm <sup>2</sup>
Toxicity	Passed (Non Toxic)
Pot Life	30 mins to 1 hours
Set to Touch 20°C	Within 2 hours
Final Set 20°C	24 hours

## RECOMMEND COVERAGE

- |                         |                           |
|-------------------------|---------------------------|
| 1. Ground moisture      | 2 - 2.5 kg/m <sup>2</sup> |
| 2. Hydrostatic pressure | 2 - 3.5 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.

## 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.

The information and recommendations relating to the application and end-use of the product are given in good faith and based on tests which we believe to be reliable. However, no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship, whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. No guarantee of their accuracy can be made because of the great range of field conditions and variations encountered in raw materials, manufacturing equipment and methods. Thus, the products are sold with limited warranty only, and on condition that purchasers will make their own tests to determine the suitability of the product for their particular purposes. Under no circumstances will Bostik be liable to anyone except for replacement of the products or refund of the purchase price.

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### Bostik Findley Malaysia Sdn Bhd

Phone : + 60 6 678 9788  
Fax : + 60 6 678 9766

### Bostik Australia Pty Ltd

Phone : + 613 9279 9333  
Fax : + 613 9279 9240

### Bostik New Zealand Pty Ltd

Phone : + 644 567 5119  
Fax : + 644 567 5412

### Bostik Singapore Pte Ltd

Phone : + 65 6863 4088  
Fax : + 65 6863 4077

### Bostik China Co. Ltd

Phone : + 86 20 8297 5266  
Fax : + 86 20 3222 6261

### Bostik Hong Kong Ltd

Phone : + 852 3929 9800  
Fax : + 852 2510 8380

### Bostik Thailand Co. Ltd

Phone : + 662 254 4180  
Fax : + 662 657 0892

### Bostik Philippines, Inc

Phone : + 632 900 5656  
Fax : + 632 900 5622



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