**BOSCOLASTIC**

**ELASTOMERIC CEMENTITIOUS WATERPROOFING MEMBRANE**

---

**KEY FEATURES**

- Flexible and elastic, can bridge over cracks.
- Accommodates flexible movements in suspended structures.
- Can be tiled over successfully.
- Bonds well to sound substrates.
- Ability to withstand heavy topping without fracture.
- Applied on damp walls and floors.
- Can be painted over with elastic paint.
- Hard and abrasion resistant.

**DESCRIPTION**

Boscolastic is a two-component elastomeric acrylic polymer cementitious waterproofing coating that is mixed on site and resurfaced on concrete and other construction materials to waterproof. Boscolastic has excellent weathering resistance and crack bridging property.

**RECOMMENDED USES**

- Water Tanks
- Bathrooms, Balconies, Terraces
- Swimming pools, Pool decks
- Water Features and Ponds
- Planter Boxes, Canopies
- On external environmental deck
- In between of under floor toppings
- Salt water immersion

**SUBSTRATE PREPARATION**

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

For excessively dry substrate, dampen the substrate and keep it continuously moist for 1 to 2 hours before application. Remove all excess water or standing water and allow the surface to become almost dry to provide an SSD (Saturated Surface Dry) condition before applying the waterproofing coating.

**APPLICATION INSTRUCTION**

---

**PERFORMANCE PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical properties conducted at 23°C and 50% RH</td>
<td></td>
</tr>
<tr>
<td><strong>Form</strong></td>
<td>Part A - White Milky Liquid</td>
</tr>
<tr>
<td></td>
<td>Part B - Grey Powder</td>
</tr>
<tr>
<td><strong>Binder</strong></td>
<td>Cement</td>
</tr>
<tr>
<td><strong>Extender</strong></td>
<td>Selected Fine Silica</td>
</tr>
<tr>
<td><strong>Resin</strong></td>
<td>Acrylic Polymer</td>
</tr>
<tr>
<td><strong>Tensile Strength</strong></td>
<td>≥ 1.5N/mm²</td>
</tr>
<tr>
<td><strong>Adhesion to concrete</strong></td>
<td>&gt; 0.8N/mm²</td>
</tr>
<tr>
<td><strong>Elongation at break</strong></td>
<td>≥ 150%</td>
</tr>
<tr>
<td><strong>Crack Bridging</strong></td>
<td>approx. 2mm</td>
</tr>
<tr>
<td><strong>Hardness Shore A</strong></td>
<td>&gt; 70</td>
</tr>
<tr>
<td><strong>Resistance to water penetration at 0.2 kgf/cm² for 6 hours</strong></td>
<td>No penetration</td>
</tr>
<tr>
<td><strong>Toxicity</strong></td>
<td>Non toxic</td>
</tr>
<tr>
<td><strong>Pot Life</strong></td>
<td>30 minutes to 1 hour</td>
</tr>
<tr>
<td><strong>Set to touch (at 20°C)</strong></td>
<td>Within 2 hours</td>
</tr>
<tr>
<td><strong>Final set (at 20°C)</strong></td>
<td>24 hours</td>
</tr>
</tbody>
</table>

**PRIMING**

For excessively dry and porous substrate, prime the entire surface with Bostik Hydroment 425 prior application of the waterproofing coating with the rate of 5m² per liter depending of the substrate condition.

**MIXING**

Put the liquid component in a clean mixing container, and slowly add the powder component whilst stirring using a slow speed (500 - 600 r.p.m.) heavy-duty electric drill with a suitable paddle. Mix until homogeneous slurry is obtained and make sure that no unmixed powder is left at the bottom of the container. Small amount may be hand-mixed separately.

**PLACING**

The mixed Boscolastic can be applied onto the prepared substrate using a bristle brush or block brush. Place the material well onto the substrate to achieve full bond.

The application of Boscolastic waterproofing coating shall be done in minimum of two (2) layers, the first layer in one direction and the second layer in a direction perpendicular to the first layer. Apply the subsequent...
Limited Warranty
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 variation 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.

Recommended Coverage
Bathrooms, Balconies:
2kg/m², 2 layers at 1.0kg/m²/layer

Hydrostatic pressure areas, water tanks, swimming pools:
3kg/m², 3 layers at 1.0kg/m²/layer

Curing
The finished Boscolastic must be protected from rapid drying. Curing shall be at least 36 hours before trafficking, to yield optimum strength.

Packaging
Boscolastic is available in two packing.
35 kgs/set and 43kgs/set.


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

Storage and Shelf Life
Boscolastic has a shelf life of at least 12 months. Store all materials in a cool dry place, in an elevated condition.

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 persist, consult medical advises.

Bostik Findley (Malaysia) Sdn. Bhd.
Lot 112 & 113, Kawasan Perindustrian Senawang,
70450 Seremban, Negeri Sembilan,
Malaysia
Tel: +606 678 9788 Fax: +606 678 9766

Singapore Branch (T12FC0033E)
1 Science Park Road The Capricorn #04-01/05
Singapore Science Park II
Singapore 117528
Tel: +65 6419 9131 Fax: +65 6419 9150

www.bostik.com
an Arkema company

This document supersedes all previously published literature.