



Boscoflex

FLEXIBLE CEMENTITIOUS WATERPROOFING MEMBRANE

DESCRIPTION

Boscoflex is a two-component polymer modified liquid applied flexible cementitious waterproof coating. The two components are simply mixed together to create a workable consistency for easy application. It has superior adhesion to many substrates, including concrete and cement render.

FEATURES AND BENEFITS

- Flexible and accommodate movements
- Good adhesion to sound substrates
- Applicable to damp substrate
- Abrasion Resistant
- Paintable with elastic paint
- Can be tiled over
- Non-toxic

RECOMMENDED USES

- Water tank, Waste water treatment plants
- Bathrooms, Balconies, Terraces
- Swimming pools and pool decks
- Water features and ponds
- Retaining Walls, Planter Boxes, R.C. Gutters
- Outdoor Deckings

APPLICATION PROCEDURE

Surface Preparation

All substrates must be sound and free from dust, excess mortar, oil or other loose particles. Cracks or honeycombs must be repaired with 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.

Priming

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

Mixing

Mixing ratio of 2 part powder to 1 part of liquid by weight. Mix in a clean container by slowly adding the powder



component to the liquid component whilst stirring using a slow speed heavy-duty electric mixer 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 amounts may be hand-mixed separately.

Curing

Special curing methods are generally not required but some precautions should be taken from rapid drying for application directly under sunlight and windy conditions. Curing of Boscoflex shall be at least 24 hours before trafficking to yield optimum strength.

Placing

The mixed Boscoflex can be applied onto the prepared substrate using a bristle brush or roller. Place the material well onto the substrate to achieve full bond. The application of Boscoflex 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 coat. Apply the subsequent layers after 3-6 hours curing of the previous coat. Minimum 2 layers at approximately 1.0kg/m² per layer. For areas subject to high water infiltration, apply a third layer at 1.0kg/m².

Allow at least 24 hours curing of the finished coat (subject to 23°C and 50% relative humidity) before laying screed or tiling. Water test can be conducted after the same duration.

Cleaning

The mixed Boscoflex can be applied onto the prepared substrate using a bristle brush or roller. Place the material well onto the substrate to achieve full bond. The application of Boscoflex waterproofing coating

Packaging

Boscoflex is packed in 30 kgs set.

Part A : White liquid, 10 kgs.

Part B : Grey powder, 20 kgs.

PERFORMANCE PROPERTIES	
Typical properties conducted at 23°C and 50% RH	
Form	Part A - White Milky Liquid Part B - Grey Powder
Binder	Cement
Extender	Selected Fine Silica
Polymer	Acrylic Polymer
Tensile Strength	> 1.5N/mm ²
Adhesion to concrete	> 0.9N/mm ²
Elongation at break	>150%
Crack Bridging	No cracking at 2mm width
Hardness Shore A	>70
Resistance to water penetration	No Penetration at 0.2 kgf/cm ³ for 6 hours
Toxicity	Non toxic
Pot Life	30 minutes
Set to touch (at 20°C)	Within 2 hours
Final set (at 20°C)	24 hours

*Average laboratory values provided as a general guide

**Actual field performance will depend on installation and site conditions

Coverage

1. Ground moisture, bathrooms, balconies - 2kg/m², 2 layers at 1.0kg/m²/layer.
2. Hydrostatic Pressure areas, water tanks, swimming pools - 3kg/m², 2 layers at 1.5kg/m²/layer.

Note : Do not apply more than 2kg/m² of Boscoflex in a single layer.

Storage and Shelf Life

Store all materials in a cool dry place, in an elevated condition. Boscoflex has a shelf life of 12 months from date of manufacturing if store properly in original unopened packaging.

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 with water for 15 minutes. If irritation persists, consult medical advice.

DISCLAIMER:

The information in this Technical Data Sheet is intended for the assistance of users and is of a general nature. It reflects the extent of our knowledge and experience of our products and is based on tests which we believe to be reliable. However, no guarantee of accuracy can be given due to the wide range of surfaces, environmental and field conditions and variations encountered in raw materials, manufacturing equipment and methods at the place where the work is performed. Some of these will be beyond our knowledge and control. Users are asked to make sure that the TDS in their possession is the latest issue. Likewise, we recommend users carry out their own tests to determine the suitability of the product for their particular purposes.

Any claim for a defective product must be filed within 30 days of discovery of a problem and must be submitted with written proof of purchase. Claims are not transferrable or assignable and extend only to the original purchaser/user. Bostik reserves the right to inspect alleged failure and no responsibility will be accepted unless Bostik is given the opportunity to do so. Bostik limits its liability to the replacement of the product/s proven faulty.

BOSTIK PHILIPPINES, INC.

35/F Penthouse Raffles Corporate Center
F. Ortigas Jr. Road, Ortigas Business Center
Pasig City Philippines
Tel No: +63 2 900 5856 | Fax: +63 2 900 5616
www.bostik.com.ph

BOSTIK HOTLINE

Smart help +63 2 900 5656

