



# BOSKIM BASE

## BASED COAT CEMENTITIOUS FILLING AND LEVELLING PLASTER

### KEY FEATURES

- Good filling properties
- Excellent workability
- Non combustible
- Non cracking
- Good adhesion to substrates
- For internal and external use

### DESCRIPTION

Boskim Base is a based coat cementitious filling and levelling plaster for concrete surfaces. It is used as a thin plaster for levelling and finishing the uneven surfaces.

Boskim Base consists of finely crushed white marble/dolomite, cement, fine graded silica sand aggregates and Boskim aid which consist of alkali resistant additives. Recommended thickness is 2mm to 4mm.

After application of Boskim Base, the surfaces shall be applied with Boskim Finish in order to achieve a smooth and flat finishes. Refer Boskim Finish TDS for further details.

Boskim Base 100 is Fine Finished base coat  
Boskim Base 200 is Coarse Finished base coat

### RECOMMENDED USES

- Can be used on vertical, overhead and non-traffic bearing horizontal surfaces.
- Can be applied to precast and formed concrete, regular and lightweight block, brick, stone, stucco, granite, and other concrete and masonry surfaces.
- Typical applications are bridges, parapets, parking garages, tunnels, silos, basements, and building walls.
- It may be used on interior or exterior, above or below grade applications. Use as an alternative for rubbing of concrete surfaces to hide defects and blemishes in architectural concrete.

### SURFACE PREPARATION

The surface to be plastered must be clean and free from dust, oil, paint, grease and other contaminants. It is good practice to dampen the dry absorbent surface before application of Boskim Base. Holes or cracks more than 4mm deep shall be patched and repaired before application.

### PERFORMANCE PROPERTIES

Boskim Base 100	Fine Finished
Boskim Base 200	Coarse Finished
Appearance	Powder
Colour	Grey and White
Binder	Cement
Filler	Graded aggregate
Mixing Ratio	Approx. 8L of clean water in 25 kg powder
Relative Density	1.7kg/litre (mix)
Adhesion Strength	Approx. 10kgf/cm <sup>2</sup>
Compressive Strength	
3 days	42kgf/cm <sup>2</sup>
7 days	56 kgf/cm <sup>2</sup>
28 days	80 kgf/cm <sup>2</sup>
Impact Test	Conform to ASTM C587-68
Water Absorption	Conform to SS271:1983
PH Value	Approx. 12

### APPLICATION INSTRUCTION

#### MIXING

Pour the required water into a suitable container then gradually add Boskim Base while stirring. Mix continuously for about 5 minutes until a smooth, creamy consistency is obtained. Use immediately after mixing.

#### PLACING

Apply the mixed Boskim Base onto the substrate with a trowel and levelled off to a smooth finish with a spatula.

#### PRECAUTION

- Boskim Base should not be used when the temperature is below 5°C or above 35°C.
- New concrete surfaces must be cured for at least 14 days prior to application of Boskim Base.
- To avoid rapid dehydration and moisture loss during the setting process, protect the product from direct sunlight and winds for up to 24 hours.
- Substrate cracks caused by movement will be reflected on Boskim finishes.

#### COVERAGE

Approximately 1.5kg/m<sup>2</sup> per 1mm thick

## PACKAGING

40kg bag

## CLEAN UP

Boskim Base should be removed from tools and equipment with clean water immediately after use.

## STORAGE AND SHELF LIFE

Store material in cool and dry condition. The shelf life of this product is 12 months from the date of manufacturing if stored properly in original, unopened and undamaged sealed packaging.

## HEALTH AND SAFETY

This product contains cement. Cement products are classified as hazardous under General Health and Safety guidelines. Avoid inhalation of dust or contact with skin or eyes. Suitable protection clothing, dust masks, gloves and eye protection should be worn. Continual or extended contact with cement products may cause skin irritation. If skin irritation occurs, flush skin with water for a minimum of 15 minutes. If irritation still persists, consult medical advisers. For more information, refer to Material Safety Data Sheet.

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. Differing materials, substrates, environments, site conditions, and product storage, handling and application may affect results. However, no warranty in respect of merchantability or 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.

**BOSTIK HOTLINE**

**Smart help**  
**+606 678 9788**



**Bostik Findley (Malaysia) Sdn. Bhd.** 1994010000474 (286152-V)

Lot 112 & 113, Kawasan Perindustrian Senawang,  
70450 Seremban, Negeri Sembilan,  
Malaysia

Tel : +606 678 9788 Fax : +606 678 9766

**www.bostik.com**  
**an Arkema company**

This document supersedes all previously published literature.