

# RUSHBOND BL

## High Quality Cementitious Key Coat

### Description:

RUSHBOND BL is ready mixed cementitious, single component polymer modified product. It consists of Portland cement, high strength hydraulic binders, aggregate and chemical additives to formulate a product that can achieve a high strength adhesion once applied on the substrates.

RUSHBOND BL is formulated to provide high efficient mechanical key on AAC (Autoclaved Aerated Concrete) blocks, clay, bricks or concrete substrate.

RUSHBOND BL can also be applied directly to smooth normal concrete without the need to hack it. It can be applied on any concrete element in the building.

### Uses:

RUSHBOND BL is specially formulated for use on light weight AAC (Autoclaved Aerated Concrete) blocks and clay blocks without the need to hack the surface.

### Advantages:

- High quality premixed spatter coat.
- Water resistant.
- For exterior and interior use.
- High strength and bonding properties.
- Single component, simple to mix & use.
- Pre-bagged and factory blended to avoid site batching errors.
- Contains no chloride-based additives.

### Instructions for Use:

#### Surface Preparation:

Surface must be free from dust, loosely adhered material, plaster and cement droppings, grease, paints etc.

The block surface should be dampened with water

prior to the application of RUSHBOND BL. Running water should be allowed to drain.

#### Mixing:

Add contents of RUSHBOND BL bag into a container of **9.5 to 10.0 liters** of clean water and mix until a uniform lumps free consistency mix is achieved.

For mixing use a slow speed mechanical mixer (200-300 rpm) fitted with suitable mixing paddle. Allow product to set for approximately 5 minutes then slightly re-stir before use.

#### Application:

Apply RUSHBOND BL using suitable spraying unit or manually with Tyrolean machine. Spray to the wetted surface and ensure proper coverage. Do not smoothen the Key coat, a rough texture is to be obtained to provide a mechanical key for subsequent coat of plaster.

RUSHBOND BL should be applied in a total thickness of 2-3mm, ensure that wet mix covers the entire surface area. Cure the applied coat with water for minimum 2 days.

#### Standards:

- ASTM C387, C150, C926, C897
- BS 5262, 4551, 5492, 1015

TECHNICAL PROPERTIES	
Appearance	Cementitious powder
Dry Density	1.90 kg/lit
Wet Density	2.1 kg/lit
Compressive strength@28 days	15 N/mm <sup>2</sup>
Flexural strength@28 days	5.0 N/mm <sup>2</sup>
Noxiousity L.88/379CEE	None
Chloride Content	NIL
<b>Bonding Strength@ 28 days</b>	<b>1.0 N/mm<sup>2</sup></b>
Max. time for application	45 minutes @25°

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\*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

## Coverage:

A 50 kg. bag of RUSHBOND BL will cover up to **39 sq. meter at 1mm thickness.**

\*Coverage rate is an approximate value, and subject to actual site conditions.

## Packaging:

RUSHBOND BL is available in 50 kg bags.

## Storage:

Store RUSHBOND BL in dry and covered area away from direct sunlight. Keep material protected from rainfall and avoid excess compaction.

## Shelf Life:

Shelf life is 12 months in original unopened bag when the above conditions are met.

## Cleaning:

Clean tools with water prior to product hardening. Hardened materials can only be removed mechanically.

## Remarks:

- The applied mortar has to be water cured for a minimum two days.
- Moisten the surface with water before applying RUSHBOND BL
- Do not apply RUSHBOND BL in rainy weather, high winds and sand storms.
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use cold water.
- In case of concrete containing curing compound or any special additives, kindly contact MATEX Technical Department for assistance.

## Health and Safety:

Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapour or spray mist.

## FIRST AID:

- Eyes: In the event of accidental splashes, flush with warm water and seek medical advice.
- Skin: Wash skin thoroughly with soap and water
- Inhalation: Remove to fresh air, keep patient rested
- Ingestion: Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to RUSHBOND BL Material Safety Data Sheet.

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