

RUSHBOND BL

High Quality Cementitious Key Coat

Description:

RUSHBOND BL is ready mixed cementitious, single component polymer modified product. It consist of Portland cement, high strength hydraulic binders, aggregate and chemical additives to formulate a products 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.

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.

Applications:

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.

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 10.5-11.0 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:

RUSHBOND BL conforms to:

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

Coverage:

A 50 kg. bag of RUSHBOND BL will cover up to 42 sq. meter at 1mm thickness.

Packaging:

RUSHBOND BL is available in 50 kg bags.

RUSHBOND BL

TECHNICAL PROPERTIES	
Appearance	: Cementitious powder
Dry Density	: 1.90 (kg/ltr.)
Wet Density	: 2.1 (kg/ltr.)
Compressive strength	: 25.0 N/mm ² @28 days
Flexural strength	: 5.0 N/mm ² @28 days
Noxiousity L.88/379CEE	: None
Chloride Content	: NIL
Bonding Strength	: 1.6 N/mm ² @ 28 days
Max. time for application	: 45 minutes @25°

Storage Conditions:

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.

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:

- Use goggles and gloves during application. Do not breathe dust of product.
- Avoid contact with eyes or skin.
- Provide adequate ventilation in working area.

MATEX Rev.04-0920

This technical data sheet is not considered as local building codes. It shall be used as general reference for the product, based on our current knowledge and experience. However the company do not accept any liability arising from the use of its products as it has no direct control on how and where the product is applied.

