

RUSHBOND

Cementitious Key Coat

Description:

RUSHBOND is a cement based premixed 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.

It is used for application on smooth concrete walls and ceiling (not containing micro silica or GGBS) to work as rough scratch coat before applying the cement plaster. RUSHBOND is also suitable as a base cement over cement blocks.

Advantages:

- High quality premixed spatter dash bond coat.
- For exterior and interior use.
- High strength and bonding properties.
- Pre-bagged and factory blended to avoid site batching errors.
- Contains no chloride-based additives.

Instructions for Use:

Surface Preparation:

Concrete or block surface must be free from dust, loosely adhered material, plaster and cement droppings, grease, mould, oil paints etc.

Be sure to remove all traces of curing compound films and shuttering oil. Do not use solvent to clean the substrate.

Moisten the substrate with clean water prior to application of the mixed product.

Mixing:

Add RUSHBOND 50 kg bag into a container of **9.5 – 10.0 liters** of clean water and mix until a uniform lump 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 lightly re-stir before use.

Application:

Apply RUSHBOND using suitable spraying unit or manually with Tyrolean machine. Spray an entire prepared area. RUSHBOND should be applied in a total thickness of 2-3 mm, ensure that RUSHBOND covers the entire surface area. A rough texture is to be obtained to provide a mechanical key for subsequent coat of plaster. The applied mortar has to be water cured for a minimum of three days.

Standards:

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

TECHNICAL PROPERTIES:	
Appearance	Cementitious Granulated Powder
Dry Density	1.9 kg/lit
Wet Density	2.1 kg/lit
Compressive strength	>22.0 N/mm ²
Flexural strength@28days	4.45 N/mm ²
Noxiousity L.88/379CEE	None
Inflammability	None
Chloride Content	NIL
Bonding Strength	1.0 N/mm²@28 days
Max. time for application	45 minutes@25°

*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 will cover up to **39 sq. meter @ 1mm thickness.**

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

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Packaging:

RUSHBOND is available in 50 kg bags.

Storage:

Store RUSHBOND 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 material 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.
- Do not apply RUSHBOND 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 application on concrete containing micro silica or AAC (Autoclaved Aerated Concrete) block, use RUSHBOND MS, or RUSHBOND BL.

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 Material Safety Data Sheet.

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