

RUSHBOND MS

Superior Cementitious Key Coat

Description:

RUSHBOND MS 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. It is formulated to provide high efficient mechanical key on smooth concrete walls and ceiling containing micro silica or GGBS to work as a rough base for subsequent applications of plasters.

RUSHBOND MS can be applied directly to smooth 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 proof base cement.
- 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.
- Excellent adhesion to concrete substrate which contains micro silica.

Applications:

RUSHBOND MS is specially formulated for use on fair face concrete enriched with micro silica or GGBS, to roughen the surface. It can also be used on light weight Autoclaved Aerated Concrete blocks "AAC".

Instructions for Use:

Surface Preparation:

Concrete 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. Allow running water to drain prior to application.

Mixing:

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

Standards:

RUSHBOND MS conforms to:

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

Coverage:

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

RUSHBOND MS

TECHNICAL PROPERTIES	
Appearance	: Cementitious Powder
Dry Density	: 1.90 (kg/Litre)
Wet Density	: 2.10 (kg/Litre)
Compressive strength	: 25.0 N/mm ² @ 28 days
Flexural strength	: 7.0 N/mm ² @ 28 days
Noxiousity L.88/379CEE	: None
Chloride Content	: NIL
Bonding Strength	: 1.8 N/mm ² @ 28 days
Max. time for application	: 50 minutes @25°

Storage Conditions:

Store RUSHBOND MS 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 MS.
- Do not apply RUSHBOND MS 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.

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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.

