

Rocky Brick & Block

Description

- ROCKY BRICK & BLOCK is made of cement, graded sand and additives – a ready mix mortar that when blended creates an improved workability, better-quality bonding and excellent water retention.
- ROCKY BRICK & BLOCK reduces shrinkage and movement in masonry walls due to a controlled elasticity modulus.

Use

ROCKY BRICK & BLOCK can be mixed by hand or with any type of electrical mixer and is normally used to fill gaps between concrete and bricks.

ROCKY BRICK & BLOCK is particularly adapted for mounting regular/hollow blocks, stones and bricks.

Advantages

- Single component and requires only on-site water addition
- Excellent workability and ready to use
- High strength and bonding properties

Compliance Standard

- ASTM 387, C-144, C404
- BS 5262

Technical Properties

Appearance	Powder
Color	Grey
Density	1.7kg/L
VOC	< 0.01g/L
Pot Life at 25°C	60 minutes
Compressive Strength at 28days (BS EN 196)	15.0 N / mm ²
Flexural Strength at 28days (BS EN 196)	4.0 N / mm ²
Adhesion Strength at 28days (EN 1015-12:2000)	> 1.0 N / mm ²
Application Thickness	Up to 12 mm
Application Temperature	+5°C & +42°C
Noxiousity according to EEC 88/379	None

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Mixing

To prepare the mixture, pour in a container 6 - 7.5 liters of clean water. Add a bag of 50 Kg of NEOFIL BL, then mix to get a homogeneous lump free consistency mixture using an electric agitator / slow speed mechanical mixer. Once mixed, let the product rests for about 5 minutes and remix shortly before use.

Application

Apply ROCKY BRICK & BLOCK a trowel and then position the blocks verifying their alignment. Remove possible excess of mortar with a wet sponge before it hardens.

Curing

Protect the newly applied material from direct exposure to sunshine and wind and allow to be cured for at least 3 days by spraying with water 3 to 4 times daily.

Cleaning

Tools and equipment should be cleaned with water immediately after use. Hardened materials should be mechanically removed.

Recommendations

- If the blocks are laid directly on a floor with possible humidity rising, it is recommended to apply a proper damp course system first
- The 2 cm separation between the top of the block wall and the bottom of slab or beam should be filled with suitable compressible material
- Spray the block wall with water before applying the plaster
- Ensure that the first layer of blocks is fixed proper with perfect alignment
- Do not apply ROCKY BRICK & BLOCK in rainy weather, high winds and sandstorms
- Do not apply on surface that has temperature less than +5°C
- During summer season, working area should be covered to prevent the direct sun effects. Keep equipment cool and use a cool water
- The product should not be exposed to moving water during application

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Surface Preparation

- The blockwork where it will be applied must be perfectly clean, solid, compact and free from grease substances or solid particles. It must not be over-heated nor frozen.
- During hot weather, the surface to receive ROCKY BRICK & BLOCK should be brushed with water prior to the application. Take extra note to neutralize the suction in the background of the blockwork by applying clean potable water. Allow excess water to be fully drained before to applying ROCKY BRICK & BLOCK.

Coverage

- ROCKY BRICK & BLOCK is supplied in 25kg bags.
- Consumption: Up to 20 m² per 50 Kg / 1.7 mm depending on the method of application and surface condition.

Shelf Life & Storage

Store in dry covered place in the original closed bags. In these conditions, the product shelf life is 12 months from production date.

Health & Safety

ROCKY BRICK & BLOCK is a cement-based product. Avoid contact with skin or eyes. Provide adequate ventilation in working place to avoid inhalation of dust. During application, wear appropriate protective clothing, goggles, gloves and respiratory equipment if necessary. In case of contact with skin, rinse with water and again wash thoroughly with soap and water. In case of contact with eyes, rinse with plenty of water and seek medical advice accordingly. If ingested, obtain medical attention immediately.

Important Note

The information in this Technical Data Sheet is based on Rocky-SCM Canada's experience. Rocky-SCM does not accept any liability arising from the use of its products as it has no direct or continuous control over where or how its products are applied. All Rocky-SCM Data Sheets are updates on regular basis. It is the user's responsibility to obtain the latest version.