

Rocky ACC Block

Description

ROCKY ACC BLOCK is a powder adhesive composed of hydraulic binders, bonding agents, quartz, synthetic resins and special additives formulated to obtain, when mixed with water, optimal characteristics of workability and high adhesion power to the support. It contains neither asbestos fiber nor other materials considered harmful for health of the applicator.

Use

ROCKY ACC BLOCK can be used for laying internal and external AAC (Autoclaved Aerated Concrete) blocks and panels.

Advantages

- Factory controlled pre-blend ensures consistent high quality.
- Requires only addition of water on site at the time of usage.
- Strong adhesion to AAC Blocks.
- Mineral based non-hazardous.

Compliance Standard

- BS EN 998-2
- ASTM C 270
- ASTM C 150
- ASTM C 144

Technical Properties

Appearance	Powder
Color	Grey , white
Density at 25°C	1.5kg/L
VOC	>1.0 g/L
Compressive Strength	>4.0 N / mm ²
Flexural Strength at 7 days	>1.5 N / mm ²
Recommended thickness	3 mm
Noxiousity according to EEC 88/379	None

Mixing

To prepare the mixture, pour in a container 10 to 10.5 Liters of clean water. Add a bag of 50 Kg of ROCKY ACC BLOCK , then mix to get a homogeneous lump free consistency mix.

Let the product rests for about 5 minutes and remix shortly before use.

Rocky ACC Block

Application

- Saturate the block surface with water before applying the adhesive mortar any excess water should be removed.
- Place the first line of blocks on concrete slab using a traditional cement mortar.
- Apply ROCKY ACC BLOCK with special toothed trowel and then position the blocks verifying their alignment. Remove possible excess of mortar before it hardens.
- Ensure that the adhesive spread on the blocks has not formed a superficial film. In this case apply fresh mix with the toothed trowel.
- ROCKY ACC BLOCK should be applied in a thin layer to enable the continuity of thermo-insulation of the blocks.
- Leave a space of about 2 cm between the top of block wall and the bottom of slab or beam in order to avoid formation of cracks along the wall. This cavity should be filled with compressible material (see relative technical data sheets).
- After full curing of the block wall, plastering may start using an appropriate plastering product such as ROCKY PLAST 50.

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 ACC 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

Rocky ACC Block

Surface Preparation

- The support, where ROCKY ACC BLOCK will be applied, must be perfectly clean, solid, compact and free from grease substances.

Coverage

- ROCKY ACC BLOCK is supplied in multilayered 50kg bags.
- Consumption: 4 – 5 kg/ m².

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 ACC BLOCK is a cement-based product.

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 updated on regular basis. It is the user's responsibility to obtain the latest version.