Rocky Coat S

Description

- ROCKY COAT S is cement based premixed product for application on smooth concrete walls and ceiling (even if it contains micro-silica) to work as a rough scratch coat before applying the cement plaster.
- ROCKY COAT S is made to be applied directly to smooth concrete surfaces without the need to roughen the surface by hacking it.
- ROCKY COAT S is suitable as a base coat on precast, cement block, and conventional buildings.
- ROCKY COAT S consists of Portland cement, special high strength hydraulic binders, aggregate and special chemical additives to achieve a high strength adhesion with water resistance and crack free coat.

Use

ROCKY COAT S is specially formulated for application on fair face concrete containing micro-silica and on AAC (Autoclaved Aerated Concrete) blocks, without a need to hack the surface.

Compliance Standard

- ASTM C 926, C932 & C 897
- BS 4551 Part 2, 5262 & 5492

Advantages

- High quality premixed spatter coat
- Water resistant
- For exterior and interior use
- Excellent workability and easy to use
- High strength and bonding properties
- Excellent adhesion to concrete which contains micro-silica

Technical Properties

Appearance	Powder
Color	Grey
Density	1.8 kg/L
VOC	2.52g/L
Compressive strength at 28 days (ASTM C579)	25 N / mm²
Flexural strength at 28 days (ASTM C580)	7 N / mm²
Pull Off Strength (BS 1881)	> 1.0 N / mm²
Chloride content	Nil
Inflammability	No
Toxicity	non-toxic
Working time	50 minutes

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Mixing

Add the content of ROCKY COAT S bag into a container of 10.5-11 Liter of clean water. Mix until a uniform, lump free consisting mix is achieved.
For mixing process, a slow speed drill (200 -300 rpm) fitted with a suitable paddle is recommended. Let the composition stands for nearly 5 minutes and remix again.

Application

Apply the mixture using a suitable spraying unit or with Tyrolean machine manually till you reach the required thickness (2 - 3 mm).
The sprayed coat should be cured for a minimum of 2 days by keeping the entire sprayed area wet all day.

Cleaning

Tools and equipment should be cleaned with water immediately after use.

Coverage

- ROCKY COAT S 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.

Recommendations

- In case of application in summer season, it is strongly recommended to spray the concrete walls one hour before applying ROCKY COAT S in order to reduce surface temperature
- In case of concrete containing curing compound or any special additives, kindly contact Rocky-SCM Technical Department for assistance

Surface Preparation

- Remove dust, loose particles, grease and traces of foreign materials which may affect the adhesion.
- Remove all traces of curing compound films and shuttering oil. Do not use paint remover or solvent to clean the surface.
- Moisten the concrete surface or the AAC Block wall with clean water before applying ROCKY COAT S. Running water on the surface should be allowed to drain prior to application.

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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 COAT S 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 updates on regular basis. It is the user's responsibility to obtain the latest version.