

Rocky Sealer SV

Description

ROCKY SEALER SV is a single component penetrating Silane Siloxane treatment which penetrates porous substrates and then reacts with moisture or pore water from the substrate to form a hydrophobic polysiloxane lining to the capillaries without clogging the pores or capillaries.

Use

- Reinforce concrete structure
- Cementitious substrate masonry
- All types of structures including those in coastal environments
- New and existing concrete

Advantages

- Excellent penetration and water repellent characteristics
- Protects surface from discoloration and weathering
- Reduces water and chloride intrusion
- Reduces efflorescence
- Breathable; Allows interior moisture to escape without damaging the sealer

Technical Properties

Appearance	colorless liquid
Density at 25 °C	0.80 kg/L
Viscosity	9 cP
Flammability Point	40°C
Temperature of application	from +5°C to +35°C
Overcoating Time	Wet on wet application. Second coat can be applied immediately
Harmfulness according to EEC 88/379	Harmful for inhalation and contact
Appearance	colorless liquid

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Surface Preparation

All surfaces should be clean, sound and uncontaminated.

This preparation should leave an exposed concrete, free from dust, loose particles, deleterious matter, oil, grease, chemical films and other contaminants.

This is best achieved by lightly sandblasting the surface where moss, algae or similar growths have occurred. Treatment with a recommended biocide should be done after sandblasting process.

Pre-application

Test a small area of the surface (generally 1.0m x 1.0m section) before starting application of the sealer to ensure desired performance results, aesthetics & coverage rate. Allow 5-7 days for the product to fully react.

Application

ROCKY SEALER SV is a single component, applied at full strength and never diluted. Can be used directly from the container, no mixing is required but stir first before use.

Apply by brush, roller or low-pressure spray ensuring complete coverage at 3-4m²/liter.

On vertical surfaces, ROCKY SEALER SV should be flooded starting at the bottom working steadily upward, For aggressive contamination, it is preferable to slightly sand blast the surface. Algae growth, if exists, should be treated with recommended biocide. When used as a protective impregnation, a minimum of two applications is recommended. Thus, apply the second coat is still wet.

Cleaning

Equipment and tools used should be cleaned immediately after use.

Recommendation

- Prolonged contact with air should be avoided
- Containers should be sealed when not in use
- Ensure adequate ventilation

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Coverage

- ROCKY SEALER SV is packed in 20- & 200-Liter Drums.
- Coverage: 3-4m²/liter.

Shelf Life & Storage

Keep in original well closed drum, in dry and sheltered place, at the temperature between +5°C and +30°C. Shelf life is 12 months from date of manufacturing when stored properly.

Health & Safety

Direct contact with the product may result in irritation of the skin and eyes. Product vapors may also cause irritation. Wear gloves and masks during application. Remove any contaminated clothing and wash skin thoroughly with soap and water. Remove ignition sources prior to use.

In case of accidental eye contact, wash with plenty amount of water and seek immediate medical attention.

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.