

Rocky Sealer WB

Description

ROCKY SEALER WB is a single component silicate solution designed to impart water repellency and reduce water absorption to a wide variety of surfaces. ROCKY SEALER WB penetrates deeply into new or existing concrete or masonry for maximum protection against different substances, water penetration, chloride ion attack and freeze-thaw cycles. The water-based sealer is characterized by an excellent ability to penetrate all porous materials used in masonry surfaces. It doesn't create a film and therefore it allows the substrates to breath.

Use

- Masonry surfaces
- Bricks
- Sandstone
- Ceramics
- Limestone

Advantages

- Excellent water repellent characteristics
- Reduces water absorption into the substrate, thus reducing spalling due to freeze-thaw and efflorescence, thereby increasing the life of the substrate.
- Long lasting protection

- Transparent and non-staining/non-yellowing
- Eco-friendly. Low Volatile Organic Content
- Breathable. Allows interior moisture to escape without damaging the sealer
- Non-flammable

Compliance Standard

ASTM C 1202

Technical Properties

Appearance	transparent liquid
Density at 25 °C	1.03 kg/L
VOC	<0.4 g/L
Drying Time at 25 °C	6 – 8 hours
pH at 25 °C	8.0-9.0
Temperature of application	from +5°C to +35°C
Waiting time before top painting	Minimum 24 hours
Rapid Chloride Permeability	Very Low

Rocky Sealer WB

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.

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 WB is a single component solution, applied at full strength.

Mix the material thoroughly before & during application. ROCKY SEALER WB should be applied with a brush, roller or low pressure non-atomizing spray uniformly onto the surface at a rate of 4-5 m²/ liter.

For vertical surfaces, flood the surface by applying from the bottom up applied to saturation with a controlled material rundown to ensure maximum penetration on the surface.

Extremely porous substrate may require two coats. Apply the second coat as soon as the initial surface drying of the first coat has been visible which around 2-4 hours is at ambient temperature. Cooler temperature or higher relative humidity may extend drying time.

Surfaces with salty efflorescence must be cleaned mechanically or washed with acid cleaner and subsequently rinsed with water. Wait for the surface to dry, before proceeding with the application of ROCKY SEALER WB.

All cement supports must be allowed to cure for at least 21 days before being impregnated with the product.

Curing

After application of ROCKY SEALER WB, allow the treated surface to dry for at least 24 hours to develop maximum water repellency.

Rocky Sealer WB

Cleaning

Equipment and tools used should be cleaned promptly with water.

Recommendations

- Do not apply if rain, dew or water exposure is expected within 24 hours of application. Avoid application in direct sunlight and during high winds
- Do not use onto the gypsum supports
- Do not apply in areas where negative hydrostatic pressure is possible

Coverage

- ROCKY SEALER WB is packed in 20 liters and 210 liters drums.
- Coverage: 4-5 m²/liter depending on the porosity of the substrate.

Shelf Life & Storage

Keep in original well closed drum, in dry and sheltered place, at the temperature between +5°C and +35°C. Shelf life is 6 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 updated on regular basis. It is the user's responsibility to obtain the latest version.