

Rocky CCWB

Description

ROCKY CCWB is a clear liquid based on sodium silicate to cure, harden and seal freshly hardened concrete. It is easy to apply, leaves no residue and dries quickly

Use

- Interior and Exterior Floor Slabs
- Sidewalks
- Driveways
- Beams and Columns
- Warehouse Flooring

Advantages

- Ready to use
- Economical
- Water based. Eco-friendly
- Colorless and Odorless
- Easy application and quick drying
- Degrading over a period of time
- Improve resistance to abrasion and corrosive action of salt and chemicals

Technical Properties

Appearance	Clear liquid
Density at 25 °C	1.3 kg/L
VOC	1.3 g/L
Drying Time at 25 °C	30 – 40 minutes
pH at 25 °C	10 - 12
Curing Efficiency (BS 7542)	75.00 %
Appearance	Clear liquid
Density at 25 °C	1.3 kg/L

Rocky CCWB

Pre-application

ROCKY CCWB should be stirred before application. Product is ready for use directly from the drum and should not be diluted with water. ROCKY CCWB is not a film forming product but should fully saturate the concrete for maximum effect. Perform enough application to fully saturate the concrete without leaving puddle.

Surface should be free of water. In case of horizontal surfaces, the product should be applied as soon as the bleed water has evaporated from the surface.

Application

ROCKY CCWB should be applied uniformly by sprayer, brush, roller or soft bristled broom to the surface of fresh concrete. For best results, use spray for application. Application should be at the rate of 15m²/liter. The coating produces a light duty surface. It is the responsibility of the user to adjust to curing rate to properly regulate the hydration of the concrete. Two applications may be required. ROCKY CCWB should be applied to newly hardened concrete immediately after demolding. It should never be applied on concrete which has started to dry out, otherwise the hydration mechanism will be seriously impaired. Do not allow compaction or vibrating acts close to the sprayed area as this will break the freshly sprayed film.

Over-coating and Removal

Over coating can be done without removal of curing compound provided the application is within the specified coverage rate.

Cleaning

Equipment and tools used should be cleaned promptly with water.

Recommendations

- Use only on green or recently poured clean concrete
- Protect areas not intended for coverage. If contact occurs, remove immediately using water and a cloth or brush
- Do not allow the product to puddle. White residue may form if ROCKY CCWB is over applied application.

Rocky CCWB

Coverage

ROCKY CCWB is packed in plastic containers of 20 liters and 210 liters. Coverage: 15-20 m²/liter, depending on concrete surface condition.

Shelf Life & Storage

ROCKY CCWB has a minimum shelf life of 12 months, provided the temperature is kept within the range of 5°C to 35°C. Prolonged exposure to direct sunlight should be avoided. Containers should be kept sealed and airtight to prevent of moisture by evaporation.

Health & Safety

ROCKY CCWB does not fall into hazardous classification of current regulation. However, it should not be swallowed or allowed to come into contact with skin or eyes in either spray or bulk form.

Splashes on the skin should be removed with water. In case in contact with eyes, rinse immediately with water and seek medical attention.

If swallowed, seek medical attention immediately.

Wear suitable protective clothing, gloves and goggles.

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.