

Sonneborn®Waterproofing
Systems

SONOSHIELD®

WHITE ROC® 10 VOC**Solvent-based VOC-compliant penetrating
water-repellent sealer****Features**

- Solvent based...
- VOC compliant...
- Protects without forming a film...
- Greater than 50% active ingredients...
- Resists airborne pollutants
- Water repellent...
- Breathable, vapor permeable...

Benefits

- Excellent for cool weather applications
- Environmentally responsible
- Preserves original building appearance
- Reduces water absorption
- Long-lasting protection
- Facilitates water runoff even under extreme conditions
- Allows interior vapor to escape

Where to Use**White Roc® 10 VOC**

- Concrete
- Block
- Brick
- Above grade, vertical
- Exterior

How to Apply White Roc® 10 VOC**Surface Preparation**

1 All surfaces must be structurally sound, clean, fully cured (28 days), dry, and free of all dust, dirt, bitumens, efflorescence, oil, pollution deposits, all curing, forming, and parting compounds, and all other foreign matter. New masonry construction or restoration must be fully cured (28 days) and dry.

2 Complete all caulking, pointing, or restoration work before application and allow to cure. If application must precede such work, carefully avoid application of White Roc® 10 VOC to joint faces.

Contamination may cause sealant adhesion problems.

3 For blemish or stain-free results, especially on light-colored or white surfaces, surface cleanliness is critical.

4 Surface must be dry and free of frost. After rainfall, allow surface to dry at least 2 to 3 days to avoid hazing.

Application

1 Surface, air and material temperatures should be 20°F to 96°F (-7°C to 35°C) during application. Do not apply White Roc® 10 VOC when temperatures are expected to

fall below 20°F (-7°C) within 12 hours. It is recommended to avoid rain for 4 hours following the application.

2 Stir White Roc® 10 VOC in the container just before use.

3 Apply directly from the container using an airless or conventional air sprayer. Low pressure garden sprayers are also recommended. All sprayers must be equipped with neoprene hose. All tools and equipment must be clean to prevent possible staining or discoloring.

4 Apply White Roc® 10 VOC in a uniform manner from the

bottom up for uniform distribution of the sealer. Apply to saturation with a controlled rundown of 8" (20 cm). For typical applications, 1 evenly applied full coat is adequate. See Coverage section.

Clean Up

Clean all tools and equipment directly after use with Sonneborn® Reducer 990. If accidentally applied to glass or anodized aluminum, remove by wiping with a clean cloth saturated with xylene or Reducer 990 followed with a mild detergent wash.

For Best Performance

- A test application is recommended to determine appearance, coverage rate, and water repellence. Allow 5 - 7 days prior to testing for the product to fully react.
- White Roc® 10 VOC is a water-repellent system; where a waterproof system is required, contact Technical Services for recommendations on other Sonneborn® products.
- Heating Ventilation Air Conditioning (HVAC) units may draw solvent vapors into occupied building interiors. Solvent vapors can be irritating to people

unaccustomed to the odor; do not apply White Roc® 10 VOC to buildings occupied by nonconstruction personnel without consulting building management. Use only with adequate ventilation and a minimum of 6 air changes per hour. The use of White Roc® 10 VOC should be limited to industrial applications; it is not intended for residential use.

- Do not apply to plastics, foam insulation, or any EIFS system.
- Not recommended on traffic-bearing surfaces.
- Do not apply during inclement weather.

- Keep away from heat and flame.
- To prevent damage to nearby shrubbery and landscaping, cover or protect with drop cloth.
- White Roc® 10 VOC will not inhibit water penetration through unsound or cracked surfaces, or surfaces with defective flashing, caulking, or structural waterproofing.
- Protect glass, metal, plastic and other nonporous substrates from overspray. White Roc® 10 VOC will not etch glass but will leave a residue on nonporous surfaces.

- Do not use on previously painted surfaces.
- Make certain the most current version of this data guide is being used; call Customer Service (1-800-433-9517) to verify the most current version.
- Proper application is the responsibility of the user. Field visits by ChemRex® personnel are for the purpose of making technical recommendations only and are not for supervising or providing quality control on the jobsite.

Technical Data

Typical Properties

Property	Method
Composition	Proprietary blend of alkylalkoxysilanes and special additives in a solvent carrier
Active ingredients	Greater than 50% by weight
Moisture penetration through masonry CMU (ASTM E 514-90)	99.5% reduction
Reduction in water absorption (vs. untreated) (ASTM C 67)	99.6%
Reduction in water absorption (vs. untreated) (ASTM C 140)	97.0%
Appearance	Clear liquid
Flashpoint	Greater than 50°F (11°C)
Surface appearance after application	Unchanged to slight darkening
Shelf life	One year

Test results are averages obtained under laboratory conditions. Reasonable variations can be expected.

Order Information

Packaging

White Roc® 10 VOC

- 5 gallon (18.93 L) pails
- 55 gallon (208 L) drums available on request

Color

- Transparent

Shelf life is 1 year when stored in an unopened container under normal conditions.

Coverage

Brick wall (regular)

- 100 - 225 square feet per gallon (2.5 - 5.5 m²/L)

Concrete block wall

- 85 - 125 square feet per gallon (2.1 - 3.1 m²/L)

Concrete

- 125 - 250 square feet per gallon (3.1 - 6.1 m²/L)

Coverage may vary greatly with porosity of the substrate. Perform test panels to ensure desired results and coverage rates.

Warning

White Roc® 10 VOC contains octyltriethoxysilane, ethanol, isopropanol, tetraisopropyl titanate

Risks

Flammable liquid and vapor. May cause skin and eye irritation. May cause dermatitis and allergic responses. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. Ingestion may cause irritation of mouth, throat and stomach. Reports associate repeated or prolonged occupational overexposure to solvents with permanent brain, nervous system, liver and kidney damage. INTENTIONAL MISUSE BY

DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

Precautions

READ MSDS AND TECHNICAL DATA GUIDE BEFORE USING. DO NOT USE UNTIL ALL BYSTANDERS HAVE BEEN WARNED OF PRODUCT HAZARDS. KEEP AWAY FROM HEAT, FLAME AND SOURCES OF IGNITION. KEEP OUT OF THE REACH OF CHILDREN. Vapors are heavier than air. DO NOT cut or weld on or near empty container. Empty container may contain explosive vapors or hazardous residues. Keep container closed. Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors. Use impervious

gloves, eye protection and if the TLV is exceeded or product is used in a poorly ventilated area, use NIOSH/MSHA approved respiratory protection in accordance with applicable federal, state and local regulations. All label warnings must be observed until container is commercially cleaned or reconditioned.

First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes. SEEK IMMEDIATE MEDICAL ATTENTION. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove

to fresh air. If discomfort persists or any breathing difficulty occurs, or if swallowed, SEEK IMMEDIATE MEDICAL ATTENTION.

Refer to Material Safety Data Sheet (MSDS) for further information.

Proposition 65

This product does not knowingly contain materials listed by the state of California to cause cancer, birth defects, or other reproductive harm.

VOC Content

525 g/L or 4.38 lbs. per gallon less water and exempt solvents.

For medical emergencies only, call ChemTrec (1/800/424-9300)

Limited Warranty Notice

Every reasonable effort is made to apply ChemRex® exacting standards both in the manufacture of our products and in the information which we issue concerning these products and their use. We warrant our products to be of good quality and will replace or, at our election, refund the purchase price of any products proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement or refund, CHEMREX® MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS PRODUCTS, and CHEMREX® shall have no other liability with respect thereto. Any claim regarding product defect must be received in writing within one (1) year from the date of shipment. No claim will be considered without such written notice or after the specified time interval. User shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith. Any authorized change in the printed recommendations concerning the use of our products must bear the signature of the ChemRex® Technical Manager.



Sonneborn®

ChemRex®

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