

**Sonneborn®****Waterproofing  
Systems****SONOSHIELD®****WHITE ROC® W****100% acrylic water-repellent transparent sealer****Features**

- VOC compliant...
- Film forming...
- One-coat application on most substrates...
- Clear...
- Durable UV protection...
- Protects against water absorption...
- Breathable film...

**Benefits**

- Environmentally friendly
- Reduces efflorescence, staining, and dirt pick up
- Easy to apply
- Preserves appearance and color of building facades
- Nonyellowing
- Extends life of building
- Allows interior moisture to escape without damaging film

**Where to Use  
White Roc® W**

- Concrete
- Masonry
- Stucco
- Above grade, vertical
- Exterior

**How to Apply White Roc® W****Surface Preparation**

**1** All surfaces must be clean, structurally sound, and fully cured (28 days). Remove all dust, dirt, paint, bitumens, efflorescence, oil, pollution deposits, and curing, forming, and parting compounds. Surface cleanliness is critical for blemish or stain-free results, especially on light-colored or white surfaces.

**2** Complete all caulking, pointing, or restoration work before applying White Roc® W.

**3** 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** Clean all tools and equipment before and during application to prevent possible staining or discoloring of the surface.

**2** Stir White Roc® W in the container just before use.

**3** Apply directly from the container using a low pressure non-atomizing sprayer. Use a uniform horizontal stroke followed by a uniform overlapping vertical stroke.

**4** Apply in a uniform, liberal manner, using only as much as the substrate absorbs yet does not cause flooding or rundowns. Always pick off any rundowns

with a brush or dry roller to prevent unsightly marks.

**5** For typical applications, one evenly applied full coat with no rundown is adequate. See Coverage section. On extremely porous substrates, two coats may be necessary.

**Drying Time**

(at 70°F or 21°C, 50% relative humidity)

- Dry to touch: 4 hours
- To recoat: 12 - 16 hours

**Clean Up**

Clean all tools and equipment thoroughly with soap and water immediately after using. If accidentally applied to glass or anodized aluminum, remove immediately by wiping with a clean cloth saturated with Reducer 990 or xylene and follow with a mild detergent wash.

**For Best Performance**

- A test application is recommended to determine appearance, coverage rate and water repellency. Allow product to fully cure before evaluating performance.
- Over-application may cause streaking.
- White Roc® W is a water-repellent system. Where a waterproofing system is required, contact Technical Services for recommendations on other Sonneborn® products.
- Not to be used on horizontal traffic-bearing surfaces.
- Certain types of aggregates, cements, and manufacturing processes used to create concrete materials may cause White Roc® W to slightly darken or highlight imperfections; conduct a test on the actual substrate to determine any effect.
- Do not apply White Roc® W to buildings occupied by nonconstruction personnel without first consulting building management.
- Varying textures and porosities of concrete block may make White Roc® W and other Sonneborn water repellents inappropriate for this masonry material. Always conduct a test application to verify acceptable repellence. Consult Technical Service for precautions and limitations.
- Apply at 40°F (4°C) and above.
- Protect from freezing.
- 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	Value
Solids by weight, %	13.2
Brookfield viscosity, cps	8 - 20

### Water Vapor Permeability ASTM D 1653

Perms, dry	3.0
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### Water Absorption Resistance ASTM C 642

24 hour immersion, %	96
48 hours immersion, %	96

### Water Repellence ASTM C 67

24 hour immersion, %	91
48 hour immersion, %	91

### Accelerated Weathering

Yellowing after 3,000 hours QUV	None
Chalking after 3,000 hours QUV	None

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

## Order Information

### Packaging

White Roc® W

- 5 gallon pail (18.93 L)
- 55 gallon drum (208 L)

### Shelf Life

- Shelf life is 1 year when stored in unopened containers under normal conditions.

Keep material from freezing in the container; do not store below 35°F (2°C).

### Color

- Milky white in container; dries clear.

### Coverage\*

White Roc® W	Sq. ft. per gallon (m <sup>2</sup> /L)
Concrete (poured in place, precast)	200 - 300 (4.9 - 7.4)
Textured concrete	150 - 200 (3.7 - 4.9)
Common brick	60 - 120 (1.5 - 2.9)
Concrete block (standard)	60 - 120 (1.5 - 2.9)
Stucco	75 - 125 (1.8 - 3.1)

\* Texture and absorption of surface will determine actual coverage rate.

## Caution

White Roc® W contains diethylene glycol monobutyl ether, propylene glycol

### Risks

May cause eye, skin or respiratory irritation. May be absorbed through skin. Repeated or prolonged exposure increases the risk of absorption. Ingestion may cause irritation. Inhalation of vapors may cause irritation and intoxication with headaches, dizziness and nausea. 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

KEEP OUT OF THE REACH OF CHILDREN. Keep container closed when not in use. Use only with adequate ventilation. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Avoid breathing vapors. DO NOT take internally. Use impervious gloves, eye protection and if the TLV is exceeded or product is used in a poorly ventilated area, use NIOSH/MSHA approved respi-

ratory protection in accordance with applicable federal, state and local regulations.

### 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 contains material listed by the state of California as known to cause cancer, birth defects or other reproductive harm.

### VOC Content

297 g/L or 2.48 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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