

CROWN WB SEALER

Product Description Sheet No. 8080

Water-Based Clear Acrylic Sealer for Commercial and Industrial Use

Description

Crown WB Sealer is a 100% Acrylic nano-polymer clear sealer to seal concrete and other masonry substrates. It is designed to seal and protect the substrate from water, staining, and abrasion.

Application Methods

Mix the container for 30-60 seconds prior to application. Material can be sprayed, rolled, and brushed to many different substrates.

Use

Used in decorative, commercial, institutional and industrial applications for the protection of horizontal substrates such as flooring, decking, and concrete.

Advantages

- Complies with USDA, FDA, OSHA, ADA and LEED® "Green" requirements
- Great working time
- Low VOC (<100 g/L Regulatory)
- Moisture-insensitive formula
- No priming required
- Fast Drying
- Blush Resistant
- Excellent Outdoor Weatherability
- Non-Yellowing
- Easy to Apply

Typical Coverage

3-4 mils wet to achieve 1.0-1.5 mils dry
300-400 ft²/gallon per coat

Typical Data for Crown WB Sealer

Material and curing conditions at 73°F (23°C), 50% R.H unless noted.

VOC	<100 g/L Regulatory
Density	8.62 lb/gal
Weight Solids %	27.58%
Pencil Hardness	2H-3H ASTM D-3363
Coefficient of Friction	0.7 ASTM F609
Dry Time (@ 70° F)	30 mins dry to touch 1 hour to recoat 5 hour foot traffic 24 hour heavy traffic 48 hours full cure
Gloss	Gloss 60° 44 Gloss 85° 52

CHEMICAL RESISTANCE (1 hour stain)

Dirty motor oil	Pass
Brake Fluid	Pass
Windshield Washing Fluid Blue	Pass
TSP	Pass
Skydrol (75F)	Pass
Ethylene Glycol	Pass
Hot Tire Pickup	Pass
Tire Mark/Imprint	Pass
Wine	Pass
Ketchup	Pass

SHELF LIFE 1.5 years in original unopened containers
PACKAGING 1, 5, 55 - Gal/Units

How to Apply Crown WB Sealer

Surface Preparation

Concrete and other substrates must be clean, sound, and free of dust, grease, waxes, coatings, curing compounds and all contaminants. Typical removal methods include dust-free abrasive shot blasting. Clean the substrate to the desired surface profile for the overlay system selected. Follow the Crown Polymer Surface Preparation Guide for best results.

Test Substrate For Cleanliness and Adhesion

Before placement of the polymer overlay, test the cleaned concrete substrate for soundness and cleanliness with a Tensile Pull Test ACI 503 R (min.200 psi) or Crown Polymers Surface Shear Test. 100% concrete must fail to pass either test without bond line failure.

Preconditioning Polymer

Do not allow product to freeze. Allow product to be at ambient room temperature prior to application.

Coverage

Product coverage is depended upon the existing substrate surface profile and thickness of the designed system. Refer to Crown Polymers Application Method Guide and Specifications.

Application Methods

Refer to Crown Polymers Application Method Guide and Specifications.

Limitations

- Substrate temperature must be 3° C or 5°F above measured dew point temperature.
- Minimum application substrate temperature is 15°C (59°F).
- **DO NOT APPLY on a WET SUBSTRATE.**
- **DO NOT THIN** - solvents could prevent proper cure.
- Pre-condition polymer as needed.
- Withstands vapor pressure up to 3 lbs/1,000 ft². Request data.
- Applied the next polymer lift within 24 hours if the ambient temperature is below 85°F and 18 hours if above 85°F.

Maintenance

For maximum life expectancy, routinely sweep and wash floors with appropriate cleaners and detergents. All chemicals or abrasive grit should be removed as soon as possible.

Caution

Can be irritant to eyes and skin. Read SDS prior to application for all safety protocols.

Important Information

Use safety goggles and chemical-resistant gloves. NIOSH/OSHA approved respirator, and adequate ventilation is recommended when in a confined air space.

Clean Up

In case of spills wear suitable protective equipment, contain spill, and collect with absorbent material, place in suitable container. Ventilate area. Avoid contact. Dispose according to applicable local, state, and federal regulations.

First Aid

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water for at least 15 minutes. For respiratory problems, remove person to fresh air. Contact Physician Immediately. Wash clothing before re-use.

Consult Safety Data Sheet for more information before use.

**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF
CHILDREN
KEEP CONTAINERS TIGHTLY
CLOSED**

LIMITED WARRANTY - "Crown Polymers Corp. warrants its products to be free of manufacturing defects, to be of good quality, and that they will meet Crown Polymers current physical published properties when applied in accordance with Crown Polymers written directions and tested in accordance with ACI, ASTM and Crown Polymers Standards. Product proved to be defective will be replaced. **There are no other warranties by Crown Polymers Corp. of any nature whatsoever, expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product.** Crown Polymers Corp. shall not be liable for damages of any sort, including remote or consequential damages, resulting from any claimed breach of any warranty, whether expressed or implied, from any other cause whatsoever. Crown Polymers will not be responsible for use of this product in a manner to infringe on any patent held by others."

For the Location of Your Nearest Crown Polymers Representative - CALL NATIONWIDE TOLL-FREE 1.888.732.1270

