

Urethane Sealers

Technical Data Bulletin



Clear-Seal™ High Gloss Acrylic Urethane Sealer

PRODUCT DESCRIPTION

Rainguard CLEAR-SEAL High Gloss Acrylic Urethane Sealer is a single-component, self cross-linking urethane/acrylic sealer and finish coat for decorative concrete, stone and other masonry surfaces. CLEAR-SEAL, a water based, low VOC, low odor coating can protect your masonry against chemical spills and staining agents, UV light and wear due to heavy foot and tire traffic.

CLEAR-SEAL is formulated for use on horizontal or vertical painted or unpainted concrete and wood surfaces. It may be used as a clear sealer on commercial, warehouse or industrial floors, residential or commercial garage spaces, brick pavers or other masonry surfaces.

PRODUCT FEATURES

- Impact and wear resistant
- Resists hot tire pick-up
- Low gloss system also available
- Non-yellowing formulation
- Resistant to stains, acids, bases, gasoline, alcohol and oil (vegetable and motor)
- Low odor; non-hazardous
- Resists UV rays
- Environmentally-friendly
- Water clean-up
- Excellent adhesion
- Fast dry time and cure time
- No pot life issues – one component self-cross linking system

Warranty Period: Five Years

CSI Reference: Divisions 7 & 9

Part Numbers:	<u>USA</u>	<u>International</u>
1 Gallon	CU-0101	CU-0101-CA
5 Gallon	CU-0105	CU-0105-CA

RECOMMENDED USES:

- Masonry block
- Brick
- Concrete
- Wood
- Stucco
- EFIS or cement plaster
- Clear sealer for painted or unpainted surfaces
- Repellent of oil, gas and other fluids
- Clear protection on murals or painted vertical surfaces

COVERAGE RATES (THEORETICAL):

<u>Substrate</u>	<u>Sq Ft/ Gallon</u>
Porous Surfaces	200-400
Dense Surfaces	500-700

Special Considerations:

- The coverage will vary with the porosity, of the substrate. If the substrate is very porous, coverage will be reduced
- Use of fluted or scored block or raked joints will increase surface areas by 20%-30% or more and decrease coverage rates. Allow for this increased surface area when determining material requirements.
- Extremely porous surfaces may require multiple coats.

Manufactured by:

Rainguard International

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1-866-989-5159

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info@rainguard.com

www.rainguard.com

HOW TO USE & PRECAUTIONS:

All surfaces to be coated shall be clean of any dirt and grime, efflorescence, lime run, form oils and release agents, grease, mud, excess mortar and mold and mildew, etc. All cracks shall be pointed or caulked. All voids, bee-holes, masonry surface defects and openings such as conduits, pipes, drains, door frames, vents, air conditioner openings, electrical openings, control joints or any dissimilar materials shall be repaired using urethane or other approved patching.

If an acid etch or an acid stain has been applied to the surface, it must be thoroughly flushed to remove all residue and then allowed to dry completely.

Allow new concrete to cure at least 14 days before application of CLEAR-SEAL High Gloss Acrylic Urethane Sealer.

FOLLOW THESE SIMPLE STEPS:

1. CLEAR-SEAL High Gloss Acrylic Urethane Sealer should be applied using brush, t-bar, lamb's wool applicator and most pump-up sprayers. We do not recommend using a roller to apply as this may allow too many air causing bubbles to stay in the film.
2. At time of application, moisture content of all surfaces shall be 30% or less as measured with an electronic moisture meter.
3. Establish that air, surface and material temperatures are above 45°F (7°C) and at least 5°F above the dew point prior to painting. Do not apply at temperatures below 45°F or when temperatures are expected to drop below 45°F within 48 hours of application. Do not apply if rain, snow or lower temperatures are expected within 48 hours. Do not apply if relative humidity is greater than 80%. Allow at least one hour or until tack free before applying a second coat.
4. Allow at least one hour or until tack free before applying a second coat.
5. Wait 24 hours before opening up to light to moderate traffic and 72 hours before heavy traffic.

TEST PANEL:

Always apply material to a mock wall or test panel, test wall or actual surface area to determine acceptable color, surface porosity, application rates and methods before starting general application.

TECHNICAL DATA:

Material Type	Water based urethane
Active Solids Content	31%
Color of Material	Off-white emulsion in can
Odor	Mild
V.O.C.	<50 g/L V.O.C. Compliant
Gloss Level	80 - 90 @ 60°
Flash Point	Non-Flammable
pH Value	7.5 - 8.5
Viscosity	50 cps
Weight	Approximately 8.6 lbs./gal.
Surface Dry/Recoat	Approx 1 Hour
Full Chemical Cure	24 to 72 hours

LIMITED WARRANTY PROCEDURES/INFORMATION

The information contained herein is offered in good faith and is believed to be accurate. To be eligible for a Rain-guard Warranty the following must occur:

1. A site visit must be conducted by an employee or agent of Rainguard and a Field Inspection Report completed.
2. A Warranty Application must be completed fully by the applicator.
3. Field Inspection Report, Warranty Application and a copy of the distributor's invoice must be submitted to and approved by Rainguard.

This material is only warranted when applied in accordance with the manufacturers guidelines and warranty procedures. Without adherence to these specific guidelines, no expressed or implied warranty of this product is given. Please contact Rainguard for additional information.



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