COLOR SEAL™
Acrylic Waterproofing Sealer

COLOR SEAL Acrylic Waterproofing Sealer No. 3249 Series is a fast drying, interior/exterior, water and weather resistant, tintable, solventborne, solution acrylic concrete sealer for use on unsealed, properly cured and prepared, concrete and masonry surfaces. Use to color and seal walls and floors, including concrete, stucco, brick, concrete block (CMU), mortar, etc. Use for porches, patios, steps, garage floors, driveways, pool decks, warehouse floors, and more. Also excellent for cement birdbaths, small fountains and other decorative concrete items.

COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series is designed to penetrate, seal and color a wide variety of properly prepared masonry and concrete wall and floor surfaces. (NOTE: For proper adhesion, the first coat of product must penetrate into the surface to mechanically anchor the stain into the pore structure. Additional coats "melt" into previous coats to form a single film.)

Typical applications for COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series are:

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<tr>
<th>SURFACE</th>
<th>TYPICAL SYSTEMS*</th>
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<tbody>
<tr>
<td>Brick; Concrete Block (CMU); Concrete Floors/ Walls; Stucco, etc.:</td>
<td>Two coats of COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series.</td>
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<td>Birdbaths, fountains:</td>
<td>Three coats of COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series.</td>
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*The number of coats needed to achieve satin sheen will vary with porosity of the surface. Very porous surfaces may require a third coat to develop desired appearance.

LIMITATIONS
Do not apply to on-grade concrete floors that do not have a vapor barrier underneath. Do not apply when air or surface temperature is below 40°F or above 110°F. Surface temperature must be at least 5°F above the dew point. For optimum application properties, bring material to 60-80°F (16-27°C). Use for service below 180°F. Not intended for wood. Avoid exposure to solvents; wipe up oil and gasoline spills immediately. Tint with ChromaSpectrum colorants only.

DATA BELOW IS BASED ON LIGHT BASE.

<table>
<thead>
<tr>
<th>TECHNICAL DATA</th>
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<tr>
<td>Product Type:</td>
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<td>Bases/Colors:</td>
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<td>Sheen:</td>
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| Percent Solids: | Weight: 52 ± 2%  
Volume: 33 ± 2%  
PVC: 40 ± 2%  
Weight/Gallon: 10.1 lb  
Viscosity (Initial): 58 - 63 Krebs Units |
| Thinner: Brush/Roller/Spray: | Thinning is not required under normal environmental and application conditions. If required, thin up to ¼ pint (4 oz.) per gallon of Porter Xylene Thinner No. 5133 or Porter Heavy Duty Thinner No. 5143. Use No. 5143 when temperature is above 85°F to reduce lapping. |
| Clean-up: Porter Xylene Thinner No. 5133 or Porter Heavy Duty Thinner No. 5143. |
| Recommended Film Thickness: | Wet: Not applicable for penetrating materials.  
Dry: Not applicable. |
| Spread Rate (Typical): | 250-325 sq. ft./gal. |
| Dry time (70°F @ 50% R.H.): | To Touch: 1 hour  
To Recoat: 6 hours  
To Full Service: 24-48 hours |
| (Expect longer dry times at lower temperatures and higher relative humidity.) |
| Flash Point: | 95°F (35°C) |
| Flame Spread Rating: Class A (0-25) |
| (See Porter Technical Bulletin No. 9: Flame Spread Rating.) |
| Federal Specification Crossover: None. |
| (See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.) |

NOTE: This product is not formulated with lead or mercury containing materials.

REGULATORY DATA

| VOC based on light base. See labels for other bases/colors. |
| VOC (theoretical - untinted): | As supplied: 4.87 lb/gal (584 g/l)  
When thinned to maximum: 4.95 lb/gal (593 g/l) |
COLOR SEAL Acrylic Waterproofing Sealer

SURFACE PREPARATION
For optimum performance, all masonry, concrete and stucco construction must age at least 28 days, and moisture content should be below 12% (check with a moisture meter or follow ASTM Test Method D 4263: Standard Test Method for Indicating Moisture in Concrete by the Plastic Sheet Method) prior to application of COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series.

Apply COLOR SEAL Acrylic Waterproofing Sealer No. 3249 series to clean, dry and porous surfaces only. Remove dirt, oils, grease, wax, release agents, grinding dust, paint remover, etc. with PORTERPREP™ Heavy Duty Cleaner No. 571, Soilax and water, Porter Paint Thinner No. 5132, or other suitable cleaner per SSPC-SP 1 Solvent Cleaning, ASTM D 4261: Standard Practice for Surface Cleaning Concrete Unit Masonry for Coating; or ASTM D 4258: Standard Practice for Surface Cleaning Concrete for Coating. Remove efflorescence by pressure-washing or cleaning with dilute muriatic acid (following manufacturer’s instructions). Remove mildew by treating with a commercial mildew cleaner or with a mixture of 1 part chlorine bleach to 3 parts water (apply for 15 minutes and rinse). Fill cracks and holes in masonry and concrete with Bondex Concrete Patch or other appropriate filler. Acid etch concrete per ASTM Method D 4260: Standard Practice for Acid Etching Concrete (ALSO SEE PORTER TECHNICAL BULLETIN #14: GUIDE TO ACID ETCHING CONCRETE), or sweep blast as appropriate to provide uniform porosity (required to assure adhesion and good aesthetics).

NOTE: Development of uniform color and appearance is dependant upon uniform porosity of the substrate. Therefore it is recommended that close attention be given to the acid etching or sweep blasting process to assure that the surface has a uniform appearance before staining. Nonuniform porosity will result in a “blotchy” appearance.

INSTRUCTIONS FOR USE
Tinting: Tint with ChromaSpectrum Colorants per label instructions.
Mixing: Mix thoroughly before application.
Thinning: Thinning is not required under normal environmental and application conditions. If required, thin with up to 1/4 pint (4 oz.) Porter Xylene Thinner No. 5133 or Porter Heavy Duty Thinner No. 5143. Porter Heavy Duty Thinner No. 5143 will slow the drying rate and should be used to reduce lapping when the temperature is above 85ºF (29ºC).
Clean-up: Clean tools and spray equipment with Porter Xylene Thinner No. 5133 or Porter Heavy Duty Thinner No. 5143.
Application:
- **Conditions:**
  - Temperature Range: 40ºF to 110ºF (air, surface, paint) (Optimum paint temperature 60-80ºF)
  - Dew Point: Surface temperature must be at least 5ºF above the dew point.
  - Relative Humidity: Maximum 85%.
- **Equipment:**
  - Brushes: Use nylon/polyester or china bristle brushes.
  - Rollers: Use 1/2” to 3/4” synthetic rollercovers.
  - Airless Spray: Minimum 28:1 Pump Ratio; .015” tip; 1800-2400 psi; 1/4” high pressure material hose.
  - Conventional Spray: DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8” ID material hose; double regulated pressure tank with oil and moisture separator; 20 psi fluid pressure; 40-60 psi air pressure.
- **Directions:** Masonry/Concrete/Etc.:
  - Apply two or three uniform coats (the first one thinned) by brush, roller or spray at an appropriate spread rate for the surface being stained. Apply evenly, avoiding runs, sags, puddles, heavy spots or overlaps. If sheen or color is uneven, an additional coat will usually help.

PRECAUTIONS
Prior to using this product, the user is specifically directed to obtain and read the current Material Safety Data Sheet and Label for this product. If, after reading these documents, you do not understand them, do not use this product. KEEP OUT OF REACH OF CHILDREN.

SHIPPING
Freight Classification: PAINT
Packaging: 4 Gallons per carton
Shipping Weights: 10.9 lb/gal (44.6 lb/carton)

The technical data furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. Technical data are theoretical values and subject to change without prior notice.

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www.porterpaints.com  For Internet Ordering: www.getpaint.com

A PPG Brand