

PORTER[®]

COATINGS

PLEX-SEAL™ Clear Sealer

3201

PLEX-SEAL Clear Sealer No. 3201 is an exceptionally clear, non-yellowing, interior/exterior, chemical and weather resistant, fast drying, solventborne, solution acrylic sealer for use on properly prepared masonry walls and floors including concrete, stone, stucco, mortar, etc. Use for garage floors, driveways, pool decks, warehouse floors, and more. It is also used on metal to restore its bright finish.

USED FOR

- Sealing walls, floors, pool decks, driveways
- Protecting exterior masonry, concrete, stucco, stone, etc.
- Boosting chemical resistance of garage & warehouse floors
- Adding sheen and improved appearance to dull surfaces
- Restoring brightness to metal

FEATURES

- Exceptionally clear
- Shows true substrate color
- Non-yellowing
- Weather resistant
- Durable
- Chemical resistant
- Increase sheen with more coats up to full gloss
- Fast drying

RECOMMENDED SYSTEMS

PLEX-SEAL Clear Sealer No. 3201 is designed to penetrate and seal 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 sealer into the pore structure. Additional coats "melt" into previous coats to form a single film.) **Typical applications for PLEX-SEAL Clear Sealer No. 3201 are:**

SURFACE

Concrete Floors, Walls:

- **Dust Seal:**
- **Gloss Coating:**

TYPICAL SYSTEMS*

One or two coats of No. 3201.
Two or three coats (three coats recommended for best performance).

Stucco, Stone, etc.:

One to three coats as required to seal and develop desired gloss.

Metal (Clear-Coat):

Apply one or two coats over properly prepared metal as required to seal and achieve desired gloss.

*NOTE: The number of coats needed to achieve full gloss will vary with porosity of the surface.

LIMITATIONS

Do not apply to on-grade concrete floors that do not have a vapor barrier underneath, or to other surfaces where moisture gets behind the sealer. 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.

TECHNICAL DATA

Product Type:	Solution acrylic
Base/Color:	Clear
Sheen:	Up to full gloss (depending on no. of coats)
Percent Solids:	
Weight:	25 ± 2%
Volume:	21 ± 2%
PVC:	Not applicable.
Weight/Gallon:	7.6 lb
Viscosity (Initial):	Near water viscosity.
Thinner: <i>Brush/Roller/Spray:</i>	

Thinning is not required under normal environmental and application conditions. If necessary, and local regulations allow, thin with Porter T-5 Xylene Thinner No. 5133 or Porter T-4 Heavy Duty Thinner No. 5143 (for slower dry) up to 2 oz./gal. This product cannot be used in all VOC regulation areas. Do not exceed local regulations.

(NOTE: With this amount of thinner, this product will meet the 680 g/l VOC limit for some VOC regulation districts. Local regulations may permit additional thinning.)

Clean-up: Porter T-5 Xylene Thinner No. 5133 or Porter T-4 Heavy Duty Thinner No. 5143.

Recommended Film Thickness:

Wet: Not applicable for penetrating materials.

Dry: Not applicable.

Spread Rate (Typical): Up to 325 sq. ft./gallon depending on porosity.

Dry time (70°F @ 50% R.H.):

To Touch: 30 minutes

To Handle: 2 hours

To Recoat: 6 hours

(Expect longer dry times at lower temperatures and higher relative humidity.)

Flash Point: 82°F (28°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 (theoretical - untinted):

As supplied: 5.65 lb/gal (677 g/l)

When thinned to maximum*: 5.68 lb/gal (680 g/l)

*Maximum thinning allowed for 680 g/l VOC limitation. Do not exceed local regulations.

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 PLEX-SEAL Clear Sealer No. 3201.

Apply PLEX-SEAL Clear Sealer No. 3201 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).

Clear Coat Over Metal: Clean surfaces as outlined above. Remove all corrosion, rust, mill scale, etc. by Hand Tool Cleaning (SSPC-SP 2), Power Tool Cleaning (SSPC-SP 3) or Commercial Blast Cleaning (SSPC-SP 6). Treat Galvanized surfaces with Galvaprep® 5. Treat Aluminum with Alumiprep® 33.

INSTRUCTIONS FOR USE

Tinting: Do not tint. (If color shading is required, contact a Porter Representative or the Porter Technical Services Department.)

Mixing: Stir gently before application.

Thinning: Thinning is not required under normal environmental and application conditions. If necessary, and local regulations permit, thin with Porter T-5 Xylene Thinner No. 5133 or Porter T-4 Heavy Duty Thinner No. 5143. Porter T-4 Heavy Duty Thinner No. 5143 will slow the drying rate. (NOTE: This product cannot be used in all VOC regulation areas. Do not thin in excess of local regulations.)

Clean-up: Clean tools and spray equipment with Porter Xylene Thinner No. 5133 or Porter Heavy Duty Thinner No. 5143.

Application:

Conditions: Temperature Range:	40°F to 110°F (air, surface, paint) (Optimum paint temperature 60-80°F)
Dew Point:	Surface temperature must be at least 5°F above the dew point.
Relative Humidity:	Maximum 85%.
Equipment: Brushes:	Use nylon/polyester or china bristle brushes.
Rollers:	Use ½" to ¾" synthetic roller covers.
Airless Spray:	Minimum 28:1 Ratio Pump; .011"-.013" 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 a uniform coat by brush, roller or spray at an appropriate spread rate for the surface being sealed. Do not brush or roll excessively. Apply evenly, avoiding runs or sags. Following recoat guidelines, apply one or two additional uniform coats of PLEX-SEAL Clear Sealer No. 3201 as required to achieve desired gloss and performance levels.
Clear Coat On Metal:	Apply one or two uniform coats of PLEX-SEAL Clear Sealer No. 3201 to properly prepared metal to provide a bright, glossy finish. Avoid runs and sags.

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; 5-Gallon Pail

Shipping Weights: 8.4 lb/gal (34.6 lb/carton); 41.8 lb/5-gal



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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