

Product Data Sheet

PPG Building Renewal.™

Glass, Coatings, and Paint for Restoration & Renovation.

PPG Industries, Inc.
One PPG Place
Pittsburgh, PA 15272
1-800-441-9695

Low VOC Satin Acrylic Urethane Finish BRP1000 Series

Product Information

Product Code: BRP1001 Low VOC Satin Acrylic Urethane Finish Component A
BRP1002 Low VOC Satin Acrylic Urethane Finish Curing Agent Component B

Product: Acrylic Urethane

Suggested Use: Low VOC Satin Acrylic Urethane Finish is recommended for use on properly prepared and primed exterior metal and masonry surfaces where exterior durability is a consideration. These products also provide superior chemical resistance.

Product Description

Color: Various

Gloss 60°: Satin

VOC: 2.78 lbs/gal (326 g/l)*

Method: Calculated

Weight/Gallon: 10.72 lbs/gal +/- 0.5 lbs./gal. *

Flash Point: 80°F (27°C)

Package: BRP1001 Component A is available in one gallon containers filled to 96 oz. (2.84L)
BRP1002 Component B is available in quart containers filled to 32 oz. (946 mL)

Percent Solids by Volume: 39.4% +/- 3.0% *

Percent Solids by Weight: 45.04 +/- 3.0% *

Drying Schedule

Air Dry @ 70°F (21°C), 50% RH

Dust Free: 20 minutes

Dry to Handle: 3 hours

Dry to Recoat: 10 minutes minimum, up to 24 hours

Additional Information: Drying times listed may vary depending on temperature, humidity and air movement.

*** See comments on page 2.

Application Data

Substrate: Primed Metal or Pre-primed masonry

Substrate Preparation: The service life of the coating is directly related to the surface preparation. The surface to be coated must be dimensionally stable, properly prepared and primed, dry, clean and free of all contamination including oil, dirt, grease and rust.

Consult Technical Service for specific recommendation.

See WARNING in Additional Information section on page 2.

Application Method: Air spray application recommended.

Air Spray: DeVilbiss MBC-510, 704 or 777 air cap with "E" or "EX" tip and needle or equivalent equipment. Atomizing pressure 40-50 psi.

Brush : Use high-quality natural bristle brush.

Roll: Use either a 3/16" Natural Mohair or 3/8" Lambs Wool cover with a solvent resistant core. (SEE NOTE FOR BRUSH/ROLL APPLICATION)

NOTE: Product may be applied by brush or roller application with the addition of BRP7000 up to 25%. BRP7000 is not available in areas where 2.8 lbs./gal. (340 g/L) VOC is required. ADS706 thinner must be used in these areas. However, ADS706 aides only brush application.

See ** comments on page 2.

Parts Base by Volume: 3 parts BRP1001

Parts Catalyst by Volume: 1 part BRP1002

Digestion Time: NONE

Pot Life: 8 hours at 70°F (21°C).

Thinner Code & Percent: For a 2.8 lb/gal (340 g/l) VOC compliance, thin up to 10% by volume with ADS706 Exempt Thinner. ADS708 or ADS704 Thinners can be used up to 10% by volume

The statement and methods presented in this bulletin are based upon the best available data and practices known to PPG Architectural Finishes, Inc. at the present time. They are not representations or warranties of performance, results or comprehensiveness of such data. Since PPG Architectural Finishes, Inc. is constantly improving its coatings and paint formulas, future technical data may vary somewhat from what was available when this bulletin was printed. Contact your PPG Sales Representative or the Pittsburgh Paints Information Center for the most up-to-date information.

were allowed by local VOC regulations

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Urethane Finish
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<i>Wet Film Per Coat (mils):</i>	1.5 to 2.0 mils per coat. Apply one full wet coat. Allow to flash 5 to 10 minutes, then follow with a second full wet coat. Additional coats could be necessary to achieve dry film thickness, for complete hiding, or with metallics.
<i>Dry Film (mils):</i>	2.0 mils minimum
<i>Coverage Sq. Ft./Gal. @ 1dry mil:</i>	500 Theoretical*
<i>Mixing Instructions:</i>	Mix Component A thoroughly before blending. Add BRP1002 Curing Agent Component B to Component A and mix until uniform. No digestion time is required
<i>Clean Up Solvent:</i>	Use ADS708 or ADS704 Thinners.
<i>Additional Information:</i>	<p>*Values are calculated for Slate Gray mixed with BRP1002 Curing Agent Component B. Values may vary with color.</p> <p>***Apply only when air, product and surface temperatures are above 60°F (15.5 °C) and surface temperature is at least 5°F (3 °C) above the dew point. Curing is retarded below 60 °F (15.5 °C).</p> <p>This product contains a VOC exempt solvent identified in EPA Method 24.</p> <p>Not intended for residential use.</p> <p>Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available by calling 1-800-441-9695.</p> <p>**Spray equipment must be handled with due care and in accordance with manufacturer's recommendation.</p> <p>**High-pressure injection of coatings into the skin by airless equipment may cause serious injury, requiring immediate medical attention at a hospital.</p> <p>WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.</p>