

PSX® 1001

January 2014
Revision of October 2012

DESCRIPTION	Single Pack Acrylic Polysiloxane
PRINCIPAL CHARACTERISTICS	<ul style="list-style-type: none"> - High gloss topcoat with unlimited recoatability - Ease of application, brush, roll, or spray - Isocyanate free - Excellent gloss retention - Meets SSPC Paint 36 Level 3
COLOR AND GLOSS	<p>Standard Color Offering, Safety Colors, Custom Colors</p> <p>Gloss</p> <p><i>* Certain colors, especially red, orange, and yellow may require additional coats for adequate hiding, especially if applied over primers with a significant color contrast.</i></p>
BASIC DATA	
Volume solids	55% ± 3%
VOC	3.2 lbs/gal (384 g/L)
Recommended Dry film thickness (per coat)	2 – 3 mils; (50 – 75 microns)
Theoretical Spread Rate	@ 1 mil dft 882 ft ² / gallon @ 2 mils dft 441 ft ² / gallon
Components	1
Shelf Life	1 year from date of manufacture
SURFACE PREPARATION	Coating performance is proportional to the degree of surface preparation. Refer to the application instructions for specific primers and intermediate coats for application and curing procedures. Ensure epoxies are free from amine blush prior to overcoating. All previous coats must dry and free of contaminants. Adhere to all minimum and maximum topcoat times for specific primers and intermediate coats. Aged epoxy coatings may require abrading prior to applying PSX 1001. A test patch over unknown coatings is recommended.
ENVIRONMENTAL CONDITIONS	
Ambient temperatures	40°F to 120°F (5°C to 49°C)
Material temperatures	50°F to 90°F (10°C to 32°C)
Surface temperature	40°F to 120°F (5°C to 49°C) Surface temperature must be at least 5°F above the dew point temperature.
Relative humidity	20% – 90%
General air quality	Area should be sheltered from airborne particulates and pollutants. Avoid combustion gases or other sources of carbon dioxide that may promote ambering of light colors. Ensure good ventilation during application and curing. Provide shelter to prevent wind from affecting spray patterns.
INSTRUCTIONS FOR USE	
Mixing	Agitate with a power mixer for 1-2 minutes until completely dispersed.
Airless spray	28:1 pump or larger, 0.013-0.015 fluid tip
Air spray	Thin up to 20%, standard conventional equipment, 0.070" fluid orifice. A moisture and oil trap in the main line is essential.
Brush & roll	Use a high quality natural bristle brush and / or solvent resistant, 1/4" or 3/8" nap roller. Ensure brush / roller is well loaded to avoid air entrainment. Multiple coats may be necessary to achieve adequate film build. Amercoat 851 flow control additive can be used to for enhanced flow and leveling with brush and roll application.
Thinner	Amercoat 911
Cleaning solvent	Amercoat 12 Cleaner or Amercoat 911 thinner

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Primers

Amercoat One, Amercoat 5105, Amercoat 185H, Amercoat 370, Amercoat 399, Amerlock 2/400, Amercoat 235, Amercoat 240

Safety precautions

For paint and recommended thinners see safety sheet 1430, 1431 and relevant material safety data sheets

This is a solvent borne paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

DRY/CURE TIMES*

PSX 1001 @ 2 mils dft

	50°F	70°F	90°F
Dry to touch	3 hours	2 hours	1 hour
Dry through	24 hours	12 hours	8 hours
Dry to recoat	12 hours	4 hours	2 hours
Maximum recoat	Unlimited		

PRODUCT QUALIFICATIONS

- Compliant with USDA Incidental Food Contact Requirements
- NFPA Class A Flame Spread

AVAILABILITY

Packaging

Available in 1-gallon and 5-gallon kits

Product codes

PX1001-23 Pearl Gray base
PX1001-3 White base
PX1001-9 Black base
PX1001-T1 Deep tint base*
PX1001-T2 Light tint base*
PX1001-T3 Neutral tint base*
PX1001-T4 Red tint base*
PX1001-T5 High Hiding Yellow tint base*

* Tintable using UCD V-Line colorants only.