Polyester Primer Surfacer

6001SP/01

6001SP/01 Polyester Primer Surfacer is a gray fast drying, two component, high build primer surfacer.

6001SP/01 is an excellent primer surfacer to use on sign foam, wood, or any substrate that requires a high fill.

Features: Benefits:

Low VOC technology	Environmentally friendly; Complies with most stringent VOC requirements
Chromate-free	Meets EPA regulations for chromate restrictions
Compatible over various substrates	Versatile for multiple applications
Brush and roll capability	For use in areas where air spraying is prohibited
Polyester technology	Provides superior filling and sanding capabilities; Fast drying
High solids	Builds quickly with less coats; Excellent filling properties
Easy mix ratio	Less time mixing

Compatible Surfaces:

6001SP/01 Polyester Primer Surfacer may be applied over properly prepared:

Steel	HDU	274530SP/01 2.1 VOC White Epoxy Primer
Blasted steel	Previously painted surfaces	274531SP/01 2.1 VOC Black Epoxy Primer
Carbon steel	6007SP/01 3.5 Gray Epoxy Primer	LVU100/01 Ultra Low VOC Epoxy Primer
Aluminum	274685SP/01 U Prime	SMP001A/01 Epoxy Gray Primer
Fiberglass	SMHB404A/01 Urethane Filler	SMP002A/01 Epoxy White Primer
Body filler	274808SP/01 Black Epoxy Primer	
Masonry	274908SP/01 White Epoxy Primer	
Wood	274528SP/01 2.1 VOC Gray Epoxy Primer	

NOTE: Do not apply over any acid etching primers.

Associated Products:

Catalyst
6201SP/1Z Polyester Primer Surfacer Hardener

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Directions for Use

Surface Preparation:

Substrate should be prepared according to Matthews Substrate Preparation Guide prior to primer application.

Mix Ratio:

Mix Ratio for Spraying (by volume)

6001SP/01 Polyester Primer Surfacer	:	6201SP/1Z Polyester Primer Surfacer Hardener
1 Quart (32 fluid oz.)	:	1 Tube (0.75 fluid oz.)

Pot Life: 30-40 minutes
Pot-life is the amount of time before spray viscosity doubles. These are estimates based on lab results at 50% relative humidity, 70°F/21°C—results will vary based on application conditions. Note: mix no more product than can be used within pot life.

Additives:

None

Spray Set Up:

Air Pressure:	Conventional:	40 - 50 psi at the gun*
	HVLP:	10 psi at the cap*

* Refer to spray gun manufacturer recommendations for inlet pressure.

Gun Set Up:	Siphon Feed:	2.0 - 2.5 mm 0.078 - 0.098 fluid tip
	HVLP:	2.0 - 2.5 mm 0.078 - 0.098 fluid tip

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Directions for Use

Application:

Apply: Apply two full wet coats, allowing proper flash time* between coats. Apply additional coats as necessary to achieve desired filling.
*Flash times will vary dependent upon film thickness, temperature, spray gun set-up, application, etc.

Recommended Film Thickness:		Per Coat	Total
	Wet Film Thickness (WFT)	3-4 mils	6-8 mils
	Dry Film Thickness (DFT)	1.8-2.4 mils	3.6-4.8

Caution: All 2-component crosslinking slows significantly at temperatures below 60°F or 16°C. Never spray or subject freshly painted coatings to these conditions or loss of gloss, decreased durability and improper curing can occur.

Estimated Drying Times:

Air-Dry @ 50% Relative Humidity, 70°F/21°C

Dust Free	20 minutes
Dry to Touch	30 minutes
Dry to Handle	1 hour
Dry to Sand	1.5 hours

For optimal results, dry sand with 180 - 320g prior to topcoating.

Topcoat After finish sanding with 320g, blowing and tacking

Note: Do not sand below minimum film thickness of 2.0 dry mils, otherwise re-prime before topcoating.

Equipment Cleaning:

Clean equipment promptly with lacquer thinner or equivalent cleaning solvent.
Note: Do not leave mixed material in equipment.

Technical Data:

VOC Information

VOC Actual RTS	1.97 lbs/gal
VOC Actual RTS	236 g/L
VOC Regulatory (less water less exempt) RTS	2.50 lbs/gal
VOC Regulatory (less water less exempt) RTS	299 g/L

For complete VOC information, visit MatthewsPaint.com > Quick Links > VOC Data

Performance Characteristics

Volume solids (RTS)	51.9%
Theoretical Coverage (1 mil @ 100% transfer efficiency)	800 sq.ft./RTS gal
Application Conditions - Temperature	60°F (16°C) Minimum 100°F (38°C) Maximum
Application Conditions - Relative Humidity	85% maximum 5° above dew point

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Important: The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION - US (412) 434-4515; CANADA (514) 645-1320; Mexico 01-800-00-21-400
Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to Matthews Paint. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does Matthews Paint warrant freedom from patent infringement in the use of any formula or process set forth herein.
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