

High Build Polyester Primer Surfer

6002SP/01

6002SP/01 is a fast-drying gray, two component high build polyester primer with excellent filling properties and can be used over a wide variety of substrates. It is an excellent primer surfacer for use on sign foam, wood, or any substrate that requires high film build.

6002SP/01 is lead and chromate free and is ideal for use in areas where VOC compliance is required.



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:

6002SP/01 Polyester Primer Surfer may be applied over properly prepared:

Steel	Masonry	274908SP/01 Black Epoxy Primer
Blasted steel	Wood	274528SP/01 2.1 VOC Gray Epoxy Primer
Carbon steel	HDU	274530SP/01 2.1 VOC White Epoxy Primer
Aluminum	Previously painted surfaces	274531SP/01 2.1 VOC Black Epoxy Primer
Fiberglass	274808SP/01 Black Epoxy Primer	LVU100/01 Ultra Low VOC Epoxy Primer
Body filler		

NOTE: Do not apply over etch primer.

Associated Products:

Catalyst

MEKP Polyester Primer Hardener

6002SP/01

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)

6002SP/01 Polyester Primer Surfacer : MEKP/2Z Polyester Primer Hardener

1 Qt

:

1 Oz



Pot Life: 1 Hour at 70°F

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.

If applicable, remove cup filters/strainers before using this product.

Additives:



None

Spray Set Up:



Air Pressure:

Conventional:

40 – 50 psi at the gun*

HVLP:

8 - 10 psi at the cap*



Gun Set Up:

Siphon Feed:

1.4 – 2.0 mm or equivalent

HVLP/Compliant

1.4 – 2.0 mm or equivalent

* For best overall results, refer to spray gun manufacturer's recommendations for inlet air pressures.

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Directions for Use

Application:



Apply:

Apply 2 – 3 wet coats, allowing proper flash time* (5-10 minutes at 70°F/21°C) between coats.

*Flash times will vary dependent upon film thickness, temperature, spray gun set-up, application, etc.

Recommended

Film Thickness:

	Per Coat	Total (3 Coats)
Wet Film Thickness (WFT)	2.6 – 3.9 mils	7.8 – 11.7 mils
Dry Film Thickness (DFT)	2 - 3 mils	6 -9 mils

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:



Between Coats 5 – 10 minutes at 70°F/21°C

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
Sand with 180 - 320g prior to topcoating.	

Force Dry Flash off for 10-15 minutes then force cure 15-20 minutes at 140°F/60°C substrate temperature.

Sand with 180 - 320g after cool down, prior to topcoating

This product must be sanded 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	1.28 lbs/gal
VOC Actual RTS	153 g/L
VOC Regulatory (less water less exempt) RTS	1.36 lbs/gal
VOC Regulatory (less water less exempt) RTS	163 g/L

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

Performance Characteristics

Volume solids (RTS)	77.9%
Theoretical Coverage (1 mil @ 100% transfer efficiency)	944 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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