

Polyester Primer

VP2100

VP2100 is a low VOC, two component polyester primer surfacer. VP2100 is fast drying and easy to sand and may be applied over properly prepared fiberglass, steel, aluminum and existing coatings in good condition.

VP2100 is VOC compliant for all refinish markets.



Compatible Surfaces

VP2100 may be applied over the following.

- Fully cured, cleaned and sanded OEM and refinish paints, fiberglass, bare steel and aluminum substrates. For optimal performance over bare metal, apply VP2100 over VP2050 DTM High Build Primer, DPLF Epoxy Primers or DPLV 2.1 Epoxy Primers after an overnight dry and a light sanding. **Note:** Do not apply VP2100 over etch or wash primers.

Compatible Topcoats

- DELTRON® Sealers and Surfacer
- GLOBAL REFINISH SYSTEM® Sealers and Surfacer.
- ENVIROBASE® Sealers and Surfacer.
- AQUABASE® Plus Sealers and Surfacer
- VIBRANCE COLLECTION® topcoat system.
- DBC Refinish Systems - Follow P-175 *Deltron* DBC recommendations for proper preparation.
- BC Refinish Systems - Follow EU02 *Global Refinish System* BC recommendations for proper preparation.
- *Envirobase* High Performance - Follow EB-143 *Envirobase* High Performance recommendations for proper preparation.
- *Aquabase Plus* – Follow *Aquabase Plus* PDS N5.3.2 recommendations for proper preparation.

Preparation

- Wash the area to be painted with soap and water, then clean with an appropriate PPG wax and grease remover.
- Sand the bare metal areas completely with 80-180 grit abrasive. Sand old finishes with 220- 320 grit dry by hand or machine.
- Re-clean with wax and grease remover.
- Prime aluminum substrate within 8 hours of sanding and cleaning.
- Prime carbon steel immediately after sanding and cleaning.

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Directions For Use

Mixing Ratio:



VP2100	:	VH7101
2	:	1

Pot life: Pot life is 30 minutes at 70°F (21°C)

Application:



Apply: Apply a medium wet coat allowing it to flash for 5 minutes. Apply a second medium to wet coat. If additional coats are required, allow the previous coat to flash for 15 minutes before applying additional coats. If applying more than 4 coats it is recommended that VP2100 be fully cured and dry sanded with 220 - 320 grit before additional material is applied..

Dry Film Build: 2 - 3 mils per coat, dry

Spraygun Set up:



Air Pressure: 8 - 10 PSI at the cap for HVLP guns
29 - 40 PSI at the gun for compliant guns



Fluid Tip: 1.8 - 2.5 mm

Drying Times:



Between Coats: 5 minutes
70°F (21°C) Be sure each coat has completely flashed before applying additional coats.



Dust Free: 15 minutes
70°F (21°C)

Tack Free: 20 minutes
70°F (21°C)



Air Dry: 1 to 1.5 hours
70°F (21°C)

Force Dry: 5 minute flash then force cure 20 minutes at 140°F (60°C) metal temp.
140° (60°C) Cool before sanding, priming and top coating.

I.R. 5 minute flash then 10 minute full strength IR at 24-30" gives 120°F-140°F (49°C - 60°C) metal temp.



Sanding Time: 1 to 1.5 hours
70°F (21°C)



Topcoat, Recoat and Repair 70°F (21°C) Topcoat: VP2100 must be sanded prior to topcoating. For optimum results, dry sand using 320 to 400 grit paper. Wet sanding is not recommended. After sanding, VP2100 may directly topcoated or primed with a 2K primer surfacer or sealed with a 2K sealer. For best overall performance, a primer or sealer should first be applied before topcoating.

Recoat:

Air Dry: 5 - 15 minutes
Force Dry: After cool down

Repair: 1 to 1.5 hour

Body Filler: After fully cured and sanded, polyester body filler may be applied over VP2100.

Technical Data:

RTS Combinations:	VP2100 : VH7101
Volume Ratio:	2 : 1
Applicable Use Category	Primer
VOC Actual (g/L)	165
VOC Actual (lbs/gal)	1.38
VOC Regulatory (less water less exempt) (g/L)	249
VOC Regulatory (less water less exempt) (lbs/gal)	2.08
Density (g/L)	1223
Density (lbs/gal)	10.2
Volatiles wt. %	38.3
Water wt. %	0.0
Exempt wt. %	24.8
Water vol. %	0.0
Exempt vol. %	33.7
RTS % Solids by Volume	47.5
RTS % Solids by Weight	61.7
Sq. Ft. Coverage, 100% Transfer Efficiency. @ 1 mil	763 per U.S gal
As supplied and as applied VOC data based on Method 24 testing of ready to spray product, styrene component acts as a reactive diluent, a portion crosslinks into resin backbone.	

Important:

The contents of this package must 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 Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320
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PPG Automotive Refinish

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PPG Industries
19699 Progress Drive
Strongsville, OH 44149
1-800-647-6050

PPG Canada Inc.
2301 Royal Windsor Drive Unit #6
Mississauga, Ontario L5J 1K5
1-888-310-4762

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