

DTM High Build Primer

VP2050

VP2050 is a two component gray direct to metal high build primer. VP2050 is fast drying and easy to sand and may be applied to over properly prepared steel, aluminum, fiberglass and existing coatings in good condition.

VP2050 is VOC compliant for **National Rule** refinish markets.



Compatible Surfaces

VP2050 DTM High Build Primer may be applied over the following.

- Fully cured, cleaned and sanded OEM and refinish paints, bare steel, aluminum and fiberglass substrates

Compatible Topcoats

- DELTRON® sealers
- GLOBAL REFINISH SYSTEM® sealers
- ENVIROBASE® sealers
- VIBRANCE® 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* Refinish Systems - Follow EB-143 *Envirobase* High Performance Waterborne Basecoat 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 320 - 400 grit dry by hand or machine or 600 grit wet.
- Re-clean with an appropriate PPG wax and grease remover.
- Prime aluminum substrate within 8 hours of sanding and cleaning.
- Prime carbon steel immediately after sanding and cleaning.



Note: Custom or exotic finishes are excluded from coverage under the PPG Paint Performance Guarantee.

DTM High Build Primer

Directions For Use

Mixing Ratio:



VP2050	:	VH7050	:	D87x/DT8xx
2	:	1	:	1/2

Pot life: Pot life is 2 hours at 70°F (21°C)

Application:

Apply: Apply 1 - 4 medium wet coats allowing it to flash for 10 to 15 minutes between coats.

Film Build: 2 - 2.5 mils dry per coat

Note: Do not exceed 8 mils dry after sanding.

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: 1.4 - 1.8 mm

Drying Times:



Between Coats: 10 - 15 minutes
70°F (21°C) Be sure the first coat has completely flashed before applying the second coats.

Dust Free: 70°F (21°C) 1 hour



Tack Free: 70°F (21°C) 4 - 6 hours

Tape Time: 70°F (21°C) 8 - 12 hours



Air Dry: 70°F (21°C) 16 - 24 hours / over night



Force Dry:* 140° (60°C) Flash off for 15 minutes then 40 minutes @ 140°F (60°C)

IR (Infrared): Medium Wave N/A



Topcoat, **Topcoat:** 1 hour to 4 days @ 70°F (21°C)

Recoat and **Recoat:**
Air dry: 1 hour to 4 days @ 70°F (21°C)
Force dry: After cool down

Repair: 16 - 24 hours / over night or after force dry @ 140°F (60°C)

Body Filler may be applied over VP2050 after an over night air dry and a light sanding. If applying body filler, two coats of VP2050 must first be applied.

If preferred, VP2050 may be directly topcoated or sealed with a compatible PPG sealer.

VP2050 may be recoated without sanding up to 4 days. After 4 days, VP2050 must be lightly sanded and cleaned before top coating.

* Force dry time is quoted for metal temperature. Additional time must be allowed during force drying to allow metal to reach recommended metal temperature.

Technical Data:

RTS Combinations:	VP2050 : VH7050 : D87x/DT8xx
Volume Ratio:	2 : 1 : 1/2
VOC Actual lbs./gal (g/L)	1.87 - 2.17 (224 - 260)
VOC Regulatory (less water less exempt) lbs./gal (g/L)	2.31 - 2.56 (277 - 307)
RTS Solids by Volume	53.39
RTS Solids by Weight	66.62 - 66.72
Sq. Ft. Coverage @ 100% Transfer Efficiency. @ 1 mil	863

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
Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the 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 PPG Industries. 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 PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

For further information, please contact the PPG customer focus center toll-free at (800) 647-6050 or (888) 310-4762 in Canada

PPG Automotive Refinish

Bringing innovation to the surface.™

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