

Delta[®] 2.1 VOC Polyurethane Primer

DPU217

PRODUCT DESCRIPTION

DPU217 is a gray, 2.1 VOC, chrome-free polyurethane primer which exhibits superior adhesion and corrosion resistance when applied over properly prepared steel, galvanized steel, fiberglass and aluminum substrates. DPU217 may be topcoated in as little as one hour, making it an excellent choice for production-oriented fleet refinishers. DPU217 combines outstanding performance, productivity and VOC compliance in one easy to use product. DPU217 is designed for use with Delta[®] High Solids Polyurethane topcoats.

Features	Advantages	Benefits
<ul style="list-style-type: none"> Adhesion to wide variety of substrates 	<ul style="list-style-type: none"> Versatility 	<ul style="list-style-type: none"> Less product inventory
<ul style="list-style-type: none"> Fast dry to topcoat 	<ul style="list-style-type: none"> Faster turnaround 	<ul style="list-style-type: none"> Productivity improvement
<ul style="list-style-type: none"> Easy to apply 	<ul style="list-style-type: none"> Better flow and leveling 	<ul style="list-style-type: none"> Customer satisfaction
<ul style="list-style-type: none"> Excellent corrosion resistance 	<ul style="list-style-type: none"> Protects substrates 	<ul style="list-style-type: none"> Longer repaint cycle/unit life

Compatible Surfaces

Delta [®] DPU217 may be applied over:	<ul style="list-style-type: none"> Properly cleaned and sanded: steel*, aluminum*, fiberglass, galvaneal and galvanized steel 	<ul style="list-style-type: none"> DPU166 High Solids Chromate Primer 2.8 VOC Max
	<ul style="list-style-type: none"> DPHS52 Low VOC Primer 	<ul style="list-style-type: none"> OEM Enamels
	<ul style="list-style-type: none"> DX1793 Chrome Free Self Etching Primer 	<ul style="list-style-type: none"> Cured Air Dry Finishes

*If sanding bare metal prior to application of DPU217, use 180- 220 grit wet or dry. Sand old finishes with 280-400 grit wet or dry.

	Hardener
Polyurethane Primer Hardener	DPU218
	Required Additive Options
Accelerator	DX39
Extender	DX53

Drying times:

Air Dry @ 70°F

Force Dry**

Dust 45 minutes
Tack 2 hours
Tape 4 hours

Flash 10 minutes
20 minutes @ 130° F
10 minutes @ 160° F

**** Force drying times are for quoted surface temperature. Additional time should be allowed in the force drying schedule to allow surface to reach recommended temperature.**

Dry Time to Topcoat:

60 minutes 70°F*

*After 4 days, DPU217 must be sanded before additional primer or topcoat can be applied.

TEST PROPERTIES

Color	Gray
VOC Packaged (Contains Acetone)*	2.1 lbs. per U.S. gal.
VOC RTS Applied (5:1+ 6 oz.)*	2.1 lbs. per U.S. gal.
VOC RTS Applied (5:1:1+ 6 oz.)*	2.8 lbs. per U.S. gal.
Volume Solids (RTS) (5:1+ 6 oz.)	64.5 - 66.5%
Volume Solids (RTS) (5:1:1+ 6 oz.)2.8 VOC	51.8%
Square Foot Coverage (RTS US Gallon 100% Transfer Efficiency)	922 - 954 sq. ft.

***2.8 VOC in non-acetone exempt areas.**

Compatible Topcoats:

DPHS52 Low VOC Primer	DELTA® (DVHS) Fast Dry 2.8 VOC Polyurethane
DELTA® (DSS) Medium Solids Polyurethane	DELTA® (DGHS) Chemical Resistant Polyurethane 3.5 VOC
DELTA® (DFHS) Fast Dry High Solids Polyurethane	DELTA® (DGHS) Chemical Resistant Polyurethane 4.4 VOC
DELTA® (DUHS) High Solids Polyurethane	DELTA® (DHS) 2.8 VOC Polyurethane
DELTA® (DUHS) Basecoat	
DELTA® Basecoats	

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (304) 843-1300. IN CANADA (514) 645-1320.
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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 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.

DPU217

2.1 VOC
Polyurethane
Primer

INSTANT REFERENCE

INSTRUCTIONS FOR USE

How to Mix:



Mixing Ratio 2.1 VOC:

$$\frac{\text{DPU217}}{5} : \frac{\text{DPU218}}{1} + \frac{\text{DX39}}{6 \text{ oz./RTS gal.}}$$

Mixing Ratio 2.8 VOC:

$$\frac{\text{DPU217}}{5} : \frac{\text{DPU218}}{1} : \frac{\text{DX39/ DX53}}{6 \text{ oz. Per RTS gal.}} : \frac{\text{DRS Reducers*}}{1}$$

*When adding DRS reducers in the 3.5 VOC blend, for best results, the DRS Solvents must be added last, after the addition of the DX39/DX53.



Pot life: 1 ½ - 2 hours at 70°F

Air Pressure:



HVLP: 10 PSI at the air cap
Conventional: 55 - 65 PSI at the gun

Fluid tip: 1.2 - 1.4 mm for Pressure Feed/HVLP
1.2 - 1.6 mm for Conventional Feed/HVLP

Application:



Apply: 1 - 2 coats

Dry Time:



Air Dry @ 70°F

Dust 45 minutes
Tack 2 hours
Tape 4 hours

Force Dry

Flash 10 minutes
20 minutes @ 130°F
10 minutes @ 160°F

For additional information, refer to the complete FL304.

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