DELTRON®

P-245

DPLV 2.1 Epoxy Primer

DPLV

DP48LV (White)
DP50LV (Gray)
DP90LV (Black)

DPLV 2.1 VOC Epoxy Primer provides excellent adhesion and corrosion resistance to many types of properly prepared steel, aluminum, and fiberglass substrates. DPLV Epoxy Primer may also be used as a sealer and top coated with many of PPG's two component urethane undercoats and topcoats as well as waterborne basecoat.

DPLV 2.1 Epoxy Primer is available in 3 colors, DP48LV White, DP50LV Gray and DP90LV Black and can be blended together to achieve the full range of gray shades, G1 - G7.

Features

Direct to Metal
Primer / Sealer
Three Colors
Quarts and Gallons

Advantages

Anti-Corrosion
Multi-Purpose
Mix and Match
Does Not Require The Use of an Etch Primer

Benefits

Excellent Adhesion
Fewer Products to Stock
Faster Hiding of Topcoat

Compatible Surfaces

DPLV may be applied over:

- Properly cleaned and sanded steel
- Properly cleaned and sand blasted steel
- Properly cleaned and sanded galvanized steel
- Properly cleaned and sanded aluminum
- Properly cleaned and sanded fiberglass
- Properly cleaned (un-sanded) E-Coat
- Various cleaned and sanded Rigid Plastics: ABS, Nylon, Polycarbonate, Noryl, PBT SMC
- Properly cleaned and sanded OEM and fully cured refinish paints.
- OneChoice® Plastics System

NOTE: DPLV is direct to metal and <u>MUST NOT</u> be applied over etch or wash primers.

DPLV

Directions For Use

Preparation:

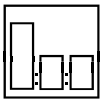
Wash the area to be painted with soap and water, then clean with SWX350 *H_2O-So-Clean* Wax and Grease Remover, DX393 0.6 Low VOC Cleaner or DX394 1.4 Low VOC Cleaner.

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. SWX350 *H_2O-So-Clean* Wax and Grease Remover, DX393 0.6 Low VOC Cleaner or DX394 1.4 Low VOC Cleaner.

Prime aluminum substrate within 8 hours.
Prime carbon steel immediately after cleaning.

Mixing:



DPLV 2.1 Epoxy Primer	DP401LV 2.1 Epoxy Hardener	D 87xx / DT18xx Reducers
2	1	1

Additives: None

Pot life: 8 hours @ 70°F (21°C).

Note: Thoroughly mix primer, catalyst and thinner. Mechanical agitation is recommended. No induction period is necessary.

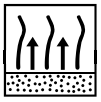
Spray Gun Set-up:

	Standard	Flexible Parts*
Apply:	1-2 wet coats	1 full wet coat
Fluid Tip:	1.4-1.6 mm	1.4-1.6 mm
Air Pressure: HVLP	8-10 PSI at the cap	8-10 PSI at the cap
Conventional:	40-50 PSI at the gun	40-50 PSI at the gun

* Note: Un-primed plastics will require the use of the OneChoice Plastics system and adhesion promoter prior to the application of DPLV 2.1 Epoxy Primer.

Dry Times:

	Standard	Flexible Parts
Between Coats:	10-15 minutes	Between Coats: N/A
To Topcoat:		To Topcoat:
1 Coat	30 minutes	1 Coat 30 minutes
2 Coats	60 minutes	



To Apply Body Filler:	
1 Coat	1 hour
2 Coats	Overnight Dry

Note: DPLV Epoxy Primer may be recoated any time up to 1 week.
After 1 week:

- It must be cleaned, sanded and recleaned.
- Reapply 1 additional coat of DPLV Epoxy Primer.

DPLV Gray Shade Mixing Chart

This chart can be used to mix the DPLV 2.1 Epoxy Primer. The G1 - G7 ratios will help to achieve better hiding when used as a guide for mixing the DPLV 2.1 Epoxy Primer.

Mix Ratio By Volume			Mix Ratio By Cumulative Weight							
			Grams				Parts			
	Mix Ratio		¼ Pint	½ Pint	Pint	Quart	¼ Pint	½ Pint	Pint	Quart
G1	DP48LV	2	**90**	180	**360**	720	**102**	203	**406**	812
	DP401LV	1	**122**	243	**486**	971	**137**	274	**548**	1095
	D87xx / DT18xx	1	**157**	314	**628**	1256	**177**	354	**708**	1416
G2	DP48LV	1.6	**72**	144	**288**	576	**81**	162	**325**	650
	DP50LV	.4	**89**	177	**354**	708	**100**	200	**399**	798
	DP401LV	1	**120**	240	**480**	959	**136**	271	**541**	1082
	D87xx / DT18xx	1	**156**	311	**622**	1244	**176**	351	**702**	1403
G3	DP48LV	1.5	**92**	185	**270**	540	**76**	152	**304**	609
	DP50LV	.5	**88**	176	**353**	706	**99**	199	**398**	796
	DP401LV	1	**120**	239	**478**	957	**134**	269	**539**	1079
	D87xx / DT18xx	1	**155**	310	**621**	1242	**175**	350	**700**	1401
G4	DP48LV	.5	**23**	45	**90**	180	**26**	51	**102**	203
	DP50LV	1.5	**84**	169	**338**	676	**95**	190	**381**	762
	DP401LV	1	**116**	232	**463**	927	**130**	261	**522**	1045
	D87xx / DT18xx	1	**152**	303	**606**	1212	**171**	342	**684**	1367
G5	DP50LV	2	**83**	166	**331**	662	**93**	186	**373**	746
	DP401LV	1	**114**	228	**456**	913	**129**	258	**515**	1030
	D87xx / DT18xx	1	**150**	300	**599**	1198	**169**	338	**676**	1351
G6	DP50LV	1	**42**	83	**166**	331	**46**	93	**186**	373
	DP90LV	1	**82**	164	**328**	656	**92**	185	**370**	740
	DP401LV	1	**114**	227	**454**	907	**128**	256	**512**	1023
	D87xx / DT18xx	1	**149**	298	**596**	1192	**168**	336	**672**	1344
G7	DP90LV	2	**81**	162	**325**	650	**92**	183	**366**	733
	DP401LV	1	**112**	225	**450**	901	**127**	254	**508**	1016
	D87xx / DT18xx	1	**148**	296	**593**	1186	**167**	334	**669**	1338

Tinting: DPLV Epoxy Primer cannot be tinted.
DPLV Epoxy colors may be blended together.
Note: Do Not blend DPLV and DPLF together.

Equipment Cleaning: Thoroughly clean after each use with All Purpose Clean Up Solvent.

Technical Data:

RTS Combinations:	DP48LV : DP401LV : D87xx/DT18xx	DP50LV : DP401LV : D87xx/DT18xx	DP90LV : DP401LV : D87xx/DT18xx
Volume Ratio:	2 : 1 : 1	2 : 1 : 1	2 : 1 : 1
Applicable Use Category	Primer	Primer	Primer
VOC Actual (g/L)	146	149	143
VOC Actual (lbs/gal)	1.22	1.24	1.19
VOC Regulatory (less water less exempt) (g/L)	248	250	250
VOC Regulatory (less water less exempt) (lbs/gal)	2.07	2.09	2.09
Density (g/L)	1293-1362	1231-1300	1219-1288
Density (lbs/gal)	10.79-11.37	10.27-10.85	10.17-10.75
Volatiles wt. %	45.2-48.0	47.4-50.2	48.8-51.6
Water wt. %	0.0-0.1	0.0-0.1	0.0-0.1
Exempt wt. %	33.7-37.1	35.1-38.5	36.8-40.2
Water vol. %	0.0-0.1	0.0-0.1	0.0-0.1
Exempt vol. %	40.7	40.2	42.4

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 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.

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