



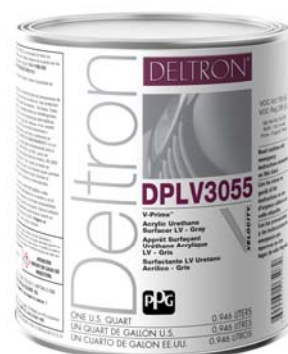
V-PRIME™ Acrylic Urethane Surfacers LV

P-240

DPLV3051 White / DPLV3055 Gray / DPLV3057 Dark Gray

DPLV305x V-PRIME™ LV are premium quality, low VOC, acrylic urethane primer surfacers. They are available in white, gray, and dark gray and are suitable for the wide range of day-to-day repair work done in today's refinish body shops.

DELTRON® *V-Prime* LV offers excellent adhesion, film build, surface leveling and gloss holdout over a wide range of substrates. This versatile, quick drying, easy to apply and sand primer may be applied as a conventional spray filler or primer surfacer.



Features & Benefits

- Fast dry
- 2.1 VOC
- Superior holdout
- Faster process times

Compatible Surfaces

DPLV305x *V-Prime* LV may be applied over:

- Properly prepared and treated bare steel, galvanized steel and aluminum
- Properly cleaned and sanded gel coated fiberglass
- Properly cleaned and sanded OEM finishes
- Properly cleaned and sanded E-Coat
- *Deltron* Plastic Adhesion Promoter
- *Deltron* Self Etching Primer*
- DPLV 2.1 VOC Epoxy Primer*
- ONECHOICE® Etch Primers
- *OneChoice* Plastic Adhesion Promoters

*Maintain a minimum dry film of 2.0 mils after sanding. Insufficient *V-Prime* LV films may result in lifting on color applications.

Required Products

Hardener

DHLV3030 Undercoat Hardener LV

Reducer

DT1845 Compliant Reducer Normal

DT1850 Compliant Reducer Medium

DT1855 Compliant Reducer Slow

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Surface Preparation:



- Wash the area to be painted with soap and water, then clean with appropriate PPG 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.
- Exposed bare metal should be spot primed with a suitable bare metal primer
- Re-Clean with the appropriate PPG cleaner.
- Prime aluminum substrate within 8 hours
- Prime carbon steel immediately after cleaning.



Mix Ratio:



As a spray filler:

DPLV305x	:	DHLV3030 Hardener
4	:	1



As a primer surfacer:

DPLV305x	:	DHLV3030 Hardener	:	DT18xx Reducer
4	:	1	:	1



Pot Life:

30 minutes at 70°F (21°C) as a Spray Filler
1 hour at 70°F (21°C) as a Primer Surfer

Tinting of DPLV305x is not recommended

Additives:



SLV814 Universal Flexibilizer

10% to RTS quart

Air Pressure and Spray Gun Set-up:



HVLP:

8-10 psi at the air cap

Compliant:

29-40 psi at the gun

Fluid Tip:

As a spray filler

1.7-2.0 mm or equivalent

As a primer surfacer

1.6-1.8 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

Application:



Coats:

As a spray filler

Up to a maximum of 4 wet coats

As a primer surfacer

2 to 3 wet coats

Dry film build per coat:

2.0 mils

1.5 mils

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Drying Times:



Between Coats:

As a spray filler

5-10 minutes at 70°F (21°C)

As a primer surfacer

5-10 minutes at 70°F (21°C)



Air Dry to Sand:

Dry to sand:

6 hours or overnight at 70°F (21°C)

1½ hours at 70°F (21°C)



Force Dry to Sand:

Purge:

N/A

Bake:

Do not force dry

10 minutes at 70°F (21°C)

30 minutes at 140°F (60°C)
and cool down

IR:

Medium Wave:

Do not IR force dry

20 minutes

Short Wave:

Do not IR force dry

10 minutes

Sanding:



Sanding:

Grade Wet:

400-600 grit

Grade Dry Machine:

320-500 grit

Note:



Bake times are for metal temperature. Additional time should be allowed in the force drying schedule for metal to reach recommended temperature.

Compatible

Topcoats:

DPLV 2.1 Epoxy Primer

ENVIROBASE® High Performance ECS2x A-Chromatic LV Sealers

Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG general purpose solvent, lacquer thinner or DT Reducer.

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Chromatic Gray Mixing Chart**V-Prime Acrylic Urethane Surfacers LV**

Use this chart as a guide to mix the G1-G7 ratios to achieve better hiding when mixing the V-Prime Acrylic Urethane Surfacers LV .

Mix Ratio By Volume			Mix Ratio By Cumulative Weight Parts			
	Mix Ratio		¼ Pint	½ Pint	Pint	Quart
G1	DPLV3051	4	142	285	574	1158
	DHLV3030	1	171	340	686	1383
	DT1855	1	200	400	806	1624
G3	DPLV3051	2.67	96	193	386	771
	DPLV3055	1.33	144	289	579	1157
	DHLV3030	1	172	345	691	1381
	DT1855	1	202	405	811	1620
G5	DPLV3055	4	143	286	577	1164
	DHLV3030	1	171	341	688	1389
	DT1855	1	200	401	808	1629
G6	DPLV3055	N/A	91	183	369	743
	DPLV3057		139	279	563	1131
	DHLV3030		167	334	675	1355
	DT1855		197	393	794	1597
G7	DPLV3057	4	138	275	555	1119
	DHLV3030	1	165	330	667	1343
	DT1855	1	195	390	786	1584

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RTS Combinations:	DPLV305x : DHLV3030	DPLV305x : DHLV3030 : DT18xx	DPLV305x : DHLV3030 : DT18xx + SLV814
Volume Ratio:	4 : 1	4 : 1 : 1	4 : 1 : 1 +10%
Applicable Use Category	Primer	Primer	Primer
VOC Actual (g/L)	137-141	114-117	108-111
VOC Actual (lbs/Gal)	1.15-1.18	0.96-0.98	0.90-0.93
VOC Regulatory (less water less exempt) (g/L)	244-250	244-249	235-241
VOC Regulatory (less water less exempt) (lbs./gal)	2.04-2.09	2.04-2.08	1.96-2.01
Density (g/L)	1504-1550	1431-1515	1413-1488
Density (lbs/Gal)	12.55-12.93	11.94-12.64	11.79-12.42
Volatiles wt. %	46.4-48.1	54.4-54.6	55.8-56.0
Water wt. %	0.0-0.2	0.1-0.2	0.0-0.1
Exempt wt. %	37.4-38.7	46.2-46.6	48.1-48.4
Water vol. %	0.0-0.2	0.1-0.2	0.1-0.2
Exempt vol. %	43.2-43.4	52.6-52.7	53.7
RTS Solids wt. %	51.9-54.1	45.4-45.6	44.0-44.2
RTS Solids vol. %	40.1-40.2	33.4-33.5	33.2-33.3
Sq. Ft. Coverage at 1 mil. at 100% transfer efficiency	643	536	532

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

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.

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 direction, 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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