

V-Prime™ LV Acrylic Urethane Surfacer

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.

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

- Fast Dry
- Superior Holdout

Advantages

- Fast to Topcoat
- Less Solvent Penetration

Benefits

- Faster Process Times
- Excellent Gloss Retention

Compatible Surfaces

DPLV305x V-Prime™ LV may be applied over:

- Properly cleaned and sanded fiberglass
- Properly prepared and treated bare steel and aluminum
- Properly cleaned and sanded E-Coat
- Deltron® Plastic Adhesion Promoter or etch primer*
- Cured and sanded OEM finishes
- DP Epoxy Primer LF*





* Prime complete panels or extend DPLV305x V-Prime™ LV surfacer applications well beyond the first primer (or exposed substrate) and 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
Undercoat Hardener	DHLV3030
	Thinner
Normal Compliant Thinner	DT1845
Medium Compliant Thinner	DT1850
Slow Compliant Thinner	DT1855

Directions for Use

Drying times:

		<i>As a spray filler</i>	<i>As a primer surfacer</i>
	Between coats Before Baking	5 – 10 minutes N/A	5 – 10 minutes 10 minutes
	Dust-free 70°F / 21°C Dry to handle 70°F / 21°C Dry to Sand 70°F / 21°C 140°F / 60°C	15 minutes 60 minutes 6 hour dry, preferably overnight Do not force dry	15 minutes 60 minutes 1½ hours 30 minutes
	IR (Infrared) IR medium wave IR short wave	Do not force dry Do not force dry	20 minutes 10 minutes
	Overcoat with	The application of a compatible sealer is the preferred recommendation prior to topcoating DPLV305x with color.	

Compatible Topcoats:

DAS3025 V-Seal™ Acrylic Urethane Sealer	CONCEPT® (DCC) Acrylic Urethane
DPLF Epoxy Primer	CONCEPT® LV (CLV) Acrylic Urethane Color
DX54 ROADGUARD® Chip Resistant Coating	DELSTAR® / DELTHANE® (DAR/DXR80) Polyurethane
K36 PRIMA™ Acrylic Urethane Wet-on-Wet Sealer	DELTRON® 2000 (DBC) Basecoat*
K93 Tintable Primer (as a sealer)	DELTRON® (DBU) Universal Basecoat
NCS2000 Series Sealers	SX1056 Flexible 2K Sealer (Specialty Performance Products)
NCS1990 Compliant Wet-On-Wet Sealer	

*DPLV305x must be sealed before applying black DBC

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.

Technical Data:

DPLV305x V-Prime™ LV Acrylic Urethane Surfacer

RTS Combinations:	DPLV305X : DHLV3030	DPLV305X : DHLV3030 : DT18XX	DPLV305X : DHLV3030 : DT18XX + SILV814
Volume Ratio:	4 : 1	4 : 1 : 1	4 : 1 : 1 + 10%
Applicable Use Category	Primer	Primer	Primer
VOC Actual (g/l)	137 - 142	114 - 119	108 - 111
VOC Actual (lbs/gal)	1.15 - 1.19	0.96 - 0.99	0.89 - 0.92
VOC Regulatory (less water less exempt) (g/l)	240 - 249	240 - 249	230 - 240
VOC Regulatory (less water less exempt) (lbs/gal)	2.0 - 2.08	2.0 - 2.08	1.92 - 2.00
Density (g/l)	1505 - 1556	1455 - 1497	1414 - 1493
Density (lbs/gal)	12.56 - 12.98	12.14 - 12.49	11.80 - 12.46
Volatiles wt. %	45.9 - 48.1	53.2 - 55.2	54.0 - 57.3
Water wt. %	0.0	0.0	0.0
Exempt wt. %	37.1 - 38.6	45.6 - 47.1	46.7 - 49.6
Water vol. %	0.0	0.0	0.0
Exempt vol. %	43.0 - 43.3	52.5 - 52.8	53.6 - 53.8
Sq. Ft Coverage / US Gal (RTS)	Approx. 642 sq. ft.	Approx. 536 sq. ft.	
Recommended wet film build per coat	5.0 mils	4.0 mils	
Recommended dry film build per coat	2.0. mils	1.5. mils	

*A*Chromatic Gray Mixing Chart **V-PRIME™ LV Acrylic Urethane Surfacer**

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

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
G2	DPLV3051	N/A	136	271	547	1104
	DPLV3055		142	285	575	1159
	DHLV3030		169	340	677	1383
	DT1855		200	400	797	1625
G3	DPLV3051	3	106	213	430	869
	DPLV3055	1	142	285	575	1159
	DHLV3030	1	169	340	686	1384
	DT1855	1	200	400	806	1626
G4	DPLV3051	N/A	47	95	191	386
	DPLV3055		142	286	576	1163
	DHLV3030		171	341	687	1388
	DT1855		200	401	807	1628
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

DPLV3051 White
DPLV3055 Gray
DPLV3057 Dark Gray

**V-Prime™ LV Acrylic
Urethane Surfacer**

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.

PPG Automotive Refinish

World Leaders In Automotive Finishes

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

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