

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

	<b>Hardener</b>
Undercoat Hardener	DHLV3030
	<b>Thinner</b>
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	5 – 10 minutes	5 – 10 minutes
	Before Baking	N/A	10 minutes
	Dust-free 70°F / 21°C	15 minutes	15 minutes
	Dry to handle 70°F / 21°C	60 minutes	60 minutes
	Dry to Sand 70°F / 21°C 140°F / 60°C	6 hour dry, preferably overnight Do not force dry	1½ hours 30 minutes
	IR (Infrared)		
	IR medium wave	Do not force dry	20 minutes
	IR short wave	Do not force dry	10 minutes
	Overcoat with	The application of a compatible sealer is the preferred recommendation prior to topcoating DPLV305x with color.	

### Compatible Topcoats:

DAS3025 <i>V-Seal™</i> Acrylic Urethane Sealer	<i>CONCEPT®</i> (DCC) Acrylic Urethane
DPLF Epoxy Primer	<i>CONCEPT®</i> LV (CLV) Acrylic Urethane Color
DX54 <i>ROADGUARD®</i> Chip Resistant Coating	<i>DELSTAR®</i> / <i>DELTHANE®</i> (DAR/DXR80) Polyurethane
K36 <i>PRIMA™</i> Acrylic Urethane Wet-on-Wet Sealer	<i>DELTRON®</i> 2000 (DBC) Basecoat*
K93 Tintable Primer (as a sealer)	<i>DELTRON®</i> (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

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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.

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

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EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

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