

**V-Prime™ Acrylic Urethane Surfacer**

DPS3051 White  
 DPS3055 Gray  
 DPS3057 Dark Gray

V-Prime™ DPS305x are premium quality primer surfacers available in white, gray and dark gray. The surfacers are suitable for the wide range of day-to-day repair work done in today's refinish body shops.

DPS305x 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**

V-Prime™ DPS305x 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\*
- Deltron® 2K Primer Surfacer\*
- DP Epoxy Primer LF\*

\*Prime complete panels or extend DPS305x surfacer application well beyond the first primer (or exposed substrate) and maintain a minimum dry film of 2.0 mils after sanding. Insufficient DPS305x films may result in lifting on color applications.

**Required Products**

	<b>Hardener</b>
Undercoat Hardener	DCX3030
	<b>Thinner</b>
Cool Temperature (60 – 70°F)	DT860
Medium Temperature (65 – 80°F)	DT870
Warm Temperature (75 – 90°F)	DT885
Hot Temperature (85°F and above)	DT895
Hot Temperature (95°F and above)	DT898



# DPS3051 / DPS3055 / DPS3057

## Directions for Use

### 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.

### Mixing Ratio:



*As a spray filler*

DPS305x	:	DCX3030 Hardener
4	:	1



*As a primer surfacer*

DPS305x	:	DCX3030 Hardener	:	DT Reducers
4	:	1	:	1



Pot Life @ 70°F / 21°C 30 minutes as a Spray Filler  
1 hour as a Primer Surfacers

### Tinting:

Not recommended

### Additives:



**DX814 Universal Flexibilizer** may be added with 10% DX814 to the ready-to-spray *V-Prime™* Acrylic Urethane Surfacers

Ready-To-Spray DPS305x	:	DX814 Flexibilizer
10	:	1

### Application:



Apply:

*As a spray filler*

Up to a maximum of 4 wet coats

*As a primer surfacer*

2 to 3 wet coats

### Air Pressure:

HVLP at air cap	10 PSI
Conventional at spray gun	40 – 45 PSI





### Spray Gun Set-up:



	<i>As a spray filler</i>	<i>As a primer surfacer</i>
Fluid Tip:	1.7 – 2.0 mm or equiv.	1.6 – 1.8 mm or equiv.
Spray Viscosity:	20 – 25 seconds #2 Zahn @ 70°F / 21°C	20 – 25 seconds #2 Zahn @ 70°F / 21°C
Film build per wet coat	5.0 mils	4.0 mils
Dried film build per coat	2.0 mils	1.5 mils

## 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	1 1/2 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 DPS305x with color.	

### Compatible Topcoats:

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

#### DPS305x *V-Prime™* Acrylic Urethane Surfacer

	<i>As a spray filler</i>	<i>As a primer surfacer</i>
VOC (PKG) per US Gal	4.20 lbs	4.20 lbs
VOC (RTS) per US Gal (4:1)	4.21 lbs	4.68 lbs
Total Solids by Weight (RTS)	63.78%	56.89%
Total Solids by Volume (RTS)	42.07%	35.06%
Sq. Ft Coverage / US Gal (RTS)	Approx. 675 sq. ft.	Approx. 562 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

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

Mix Ratio By Volume			Mix Ratio By Cumulative Weight Parts			
	Mix Ratio		¼ Pint	½ Pint	Pint	Quart
G1	DPS3051	4	136	<b>271</b>	546	<b>1101</b>
	DCX3030	1	157	<b>314</b>	633	<b>1276</b>
	DT870	1	176	<b>351</b>	708	<b>1428</b>
G2	DPS3051	N/A	129	<b>258</b>	520	<b>1047</b>
	DPS3055		134	<b>271</b>	546	<b>1099</b>
	DCX3030		156	<b>314</b>	633	<b>1275</b>
	DT870		175	<b>351</b>	708	<b>1427</b>
G3	DPS3051	3	102	<b>203</b>	409	<b>825</b>
	DPS3055	1	134	<b>269</b>	542	<b>1095</b>
	DCX3030	1	156	<b>312</b>	629	<b>1270</b>
	DT870	1	175	<b>350</b>	705	<b>1423</b>
G4	DPS3051	N/A	45	<b>90</b>	182	<b>367</b>
	DPS3055		133	<b>268</b>	539	<b>1086</b>
	DCX3030		156	<b>311</b>	625	<b>1261</b>
	DT870		174	<b>345</b>	702	<b>1415</b>
G5	DPS3055	4	133	<b>265</b>	536	<b>1078</b>
	DCX3030	1	155	<b>308</b>	621	<b>1253</b>
	DT870	1	173	<b>346</b>	697	<b>1406</b>
G6	DPS3055	N/A	45	<b>89</b>	178	<b>359</b>
	DPS3057		129	<b>257</b>	516	<b>1041</b>
	DCX3030		150	<b>299</b>	602	<b>1216</b>
	DT870		168	<b>337</b>	679	<b>1368</b>
G7	DPS3057	4	125	<b>251</b>	506	<b>1020</b>
	DCX3030	1	147	<b>295</b>	593	<b>1195</b>
	DT870	1	166	<b>332</b>	669	<b>1348</b>

DPS3051 White  
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DPS3057 Dark Gray

**V-PRIME™ Acrylic  
Urethane Surfacers**

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**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

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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