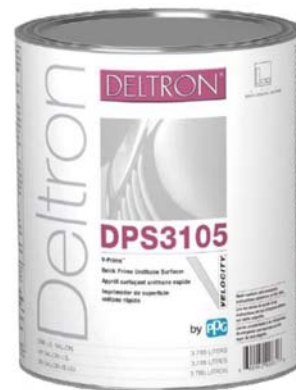


DPS3105

DPS3105 V-PRIME® Quick Prime Urethane Surfacer is a speed primer designed for spot and panel repairs which offers outstanding film build, fast dry to sand times and excellent resistance to film shrinkage.

DPS3105 is easy to spray and can be applied to a wide range of substrates. DPS3105 is also rollable. This versatile surfacer is ideal for production-minded collision centers performing premium quality refinish work.



Features & Benefits

- Sand in as little as 30 minutes
- High build
- Highly productive
- Resistant to film shrinkage

Compatible Surfaces

DPS3105 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, galvanized, and aluminum
- DELTRON® Plastic Adhesion Promoter
- Deltron Etch Primers
- Deltron 2K Primer Surfacers*
- DF Body Fillers
- DPLF Epoxy Primer*
- DPLV 2.1 VOC Epoxy Primer*
- ONECHOICE® Plastic Adhesion Promoters
- OneChoice Etch Primers

*Maintain a minimum dry film of 2.0 mils after sanding. Insufficient DPS3105 films may result in lifting on color application.

Required Products

Hardener

DCX3030 Undercoat Hardener

DCX3035 Undercoat Hardener - High Temp 90°F (32°C) and above

Reducer

DT860 Cool Temperature 60-70°F (16-21°C)

DT870 Medium Temperature 65-80°F (18-27°C)

DT885 Warm Temperature 75-90°F (24-32°C)

DT895 Hot Temperature 85°F (29°C) and above

DT898 Hot Temperature 95°F (35°C) and above

DPS3105

Directions for Use

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:



Standard:

DPS3105	:	DCX3030/DCX3035 Hardener	:	DT8xx Reducers
4	:	1	:	1



Rollable:

DPS3105	:	DCX3030/DCX3035 Hardener
4	:	1

Note: Reducer is not required for rollable application.



Pot Life: Standard with DCX3030: 25-30 minutes at 70°F (21°C)
 High Temp with DCX3035: 15-20 minutes at 90°F (32°C)
 Rollable: 20 minutes at 70°F (21°C)



Note: Pot Life may be considerably shorter when temperatures exceed 70°F (21°C). Clean equipment immediately after each use. **Best practice is to Mix, Shoot, Clean**

Additives:



SL814 Universal Flexibilizer: 5% to RTS mix

Note: Allow increased flash time between coats. The use of SL814 will slow flash and overall dry times.

Application:



Apply: 2-3 medium wet coats

Dry film build per coat: 2.0-2.5 mils

Total dry film build:

Minimum after sanding 2.0 mils
 Maximum after sanding 6.0 mils

Air Pressure and Gun Setup:



HVLP: 10 psi at the air cap
Compliant: 29 - 40 psi at the gun

Fluid Tip: 1.4 - 1.8 mm or equivalent

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

DPS3105

Directions for Use

Drying Times:



Between Coats: 3-5 minutes at 70°F (21°C)

As temperatures increase above 70°F (21°C), the appropriate flash time will become shorter. Back-to-back coats may be necessary with increased temperatures.



Air Dry to sand: 30-45 minutes at 70°F (21°C)

Note: Increased film builds will extend dry to sand times.



Force Dry to sand*: 10-15 minutes at 140°F (60°C)



IR:

Medium Wave: 10 minutes

Short Wave: 5 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:

May be topcoated with:
Deltron 2000 (DBC) Basecoat*
Deltron Sealers
 CONCEPT® (DCC) Acrylic Urethane
 DPLV 2.1 VOC Epoxy Primer
 DPLF Epoxy Primer
OneChoice Sealers
 ENVIROBASE® High Performance Sealers
Envirobase High Performance Basecoat

*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:

	<u>Primer Surfacer</u>	<u>Primer Surfacer Flexed</u>
	<u>DPS3105 : DCX3030/3035 : DT8xx</u>	<u>DPS3105 : DCX3030/3035 : DT8xx</u> <u>+DX814/SL814</u>
Category	Primer Surfacer	Specialty
Volume Ratio	4:1:1	4:1:1+5%
VOC Regulatory (Less water less exempt)	3.63-3.95 lbs./ US gal. (435-473 g/L)	3.71-4.03 lbs./ US gal. (445-483 g/L)
Solids Volume %	41.1	40.5
Sq. Ft. Coverage per US Gal. (1 mil @100% transfer efficiency)	659	650
RTS Solids by weight	59.4-60.0	58.6-59.1

DPS3105

Health and Safety:

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



- The contents of this package may have to 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 and SDS/MSDS's of all the components, since the mixture will have the hazards of all of its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls and/or lack of proper Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company policy, product SDS/MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS/MSDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

See 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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