

Low VOC Clearcoat

DCU2055

DCU 2055 Clear is a low VOC clearcoat that will meet current automotive regulations. Two coat applications can be achieved when using this high solid clear.

DCU 2055 Clear can be used in air or force dry conditions.



Features

- VOC Compliant
- Versatile
- High Solids

Advantages

- Meets Local Regulations
- Air Dry or Bake
- 2 Coat Application

Benefits

- Meets Present & Future Needs
- Fits Varying Shop Conditions
- High Productivity

Compatible Surfaces

DCU2055 may be applied over:

- DELTRON® (DBU) Universal Basecoat
- DELTRON® 2000 (DBC) Basecoat
- CONCEPT® (DCC) Acrylic Urethane

Required Products

DT Reducers	
Cool Temperature (60 – 70°F)	DT860
Medium Temperature (65 – 80°F)	DT870
Warm Temperature (75 – 90°F)	DT885
Hot Temperatures (85°F and above)	DT895
Hot Temperatures (90°F and above)	DT898
Hardener	
Force Dry / Flexible Parts	DCX9
General Purpose / Force Dry	DCX61
Accelerator / Extender	
Accelerator	DX84
Extender	DX87

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Directions for Use

Where VOC limits allow a maximum of 5.0 lbs./US Gal. for multi-stage systems, reduce DBU Color 150% with DRR Reducer or DBC Color 100% with DT Reducer.

Refer to the Product Information Bulletin of the color system for its application, dry times, and blend recommendations. (See P-175CA for DBC and P-152 for DBU Color).

Mixing Ratios:



DCU2055	:	DT Reducer	:	DCX9 or DCX61	:	DX84 or DX87
3	:	1/2	:	1	:	1/2 – 1 oz./RTS qt.

Flexible Parts

DCU2055 may be used to clear flexible parts with DCX9 (Do not use DCX61) on or off the vehicle, without any additional flexible additive.

DX814 Universal Flexibilizer is not recommended with DCU2055.



DCU2055	:	DT Reducer	:	DCX9	:	DX84 or DX87
3	:	1/2	:	1	:	1/2 – 1 oz./RTS qt.



Pot Life of these mixtures is 1 hour at 70°F (21°C)

Additives:



DCU2055 cannot be tinted.

DX84 ENHANCER™ or DX87 Extender must be added to DCU2055 at 1/2 – 1 oz. per RTS quart to maintain pot life.

DX73 Fisheye Preventer may be used 1/2 oz. per RTS qt.

Application:



Apply: 1 full wet coat with decreased fluid volume, followed by 1 full wet coat with normal fluid volume.

Note: Lower the fluid volume on the gun before applying the first coat of DCU2055. Spray the coat to look as you want the final appearance to look. Apply the second coat with normal fluid volume to achieve the same appearance.

Air Pressure:

HVLP:	10 PSI at the cap
Conventional:	45 – 55 PSI at the gun







Spraygun Set-up:



Fluid Tip:	1.3 – 1.5 mm or equivalent
Film Build Per Wet Coat:	2.3 – 2.7 mils
Dried Film Build Per Coat:	1.2 – 1.4 mils

Directions for Use

Drying times:

	Between coats	5 – 10 minutes
	Dust-free 70°F / 21°C	30 – 45 minutes
	Tack Free 70°F / 21°C	2 – 2½ hours
	Tape Time 70°F / 21°C	5 – 6 hours
	Air Dry 70°F / 21°C	8 hours
	Force Dry:	
	Purge Bake	0 – 15 minutes 30 minutes @140°F (60°C)
	IR (Infrared)	
	IR medium wave IR short wave	15 minutes 8 minutes
	Polishing:	
	Air Dry Force Dry	Overnight @ 70° F (21°C) After cool down
	Repair and Recoat:	After force dry and cooling cycle or 6 – 8 hours air dry 70°F (21°C).
		DCU2055 must be sanded before recoating with primer, color or clear.

Note: All force dry times are quoted for metal temperature. Additional time must be allowed during force dry to allow metal to reach recommended temperature.

Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG General Purpose Solvent.

Technical Data:

VOC less exempt solvents (Package)	3.34 lbs / U.S.Gal
VOC less exempts (Applied 3 : ½ : 1 + ½ – 1 oz./RTS qt.)	3.41 lbs / U.S.Gal
VOC less exempts for flexible (Applied 3 : ½ : 1 + ½ – 1 oz./RTS qt.)	3.39 lbs / U.S.Gal
Total Solids by Volume (Applied 3 : ½ : 1 + ½ – 1 oz./RTS qt.)	51.69%
Sq. Ft Coverage / US Gal @ 1 mil 100% transfer efficiency (Applied 3 : ½ : 1 + ½ – 1 oz./RTS qt.)	829 Sq. Ft.

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Resistance Testing:

Treated steel panels used for evaluation were primed with Original Equipment *UNIPRIME*[®], *DELTRON* Sealer and topcoated with *DELTRON* Basecoat prior to DCU2055 Clearcoat. All resistance results were obtained after DCU2055 Clearcoat had been allowed to dry approximately 72 hours at moderate temperatures (70°F/21°C).

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.

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