DELTRON®

P-216CA

Concept® Low VOC Speed Clear Clear (California)

DCU2042

DCU2042 Low VOC Speed Clear is the fastest, most productive clear in the PPG family of clear finishes.

DCU2042 cuts your bake time in half and can be polished if needed within minutes after cooling down.

DCU2042 complies with California 4.5 Multi-Stage VOC limits.

Features

- Fastest Baking Clear
- Polish Shortly After Bake
- Low 3.5 VOC

Advantages

- Double Your Booth Production
- Repairs Completed Quickly
- Complies With Current Regulations

Benefits

- Increased Revenue
- Fast Delivery Time
- Allows Greater Productivity In Compliant Areas

Compatible Surfaces

DCU2042 may be applied over:

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

Required Products

	Hardeners
Hot Temperature / Force Dry	DCX9
General Purpose	DCX61
	DT Compliant Reducers
Compliant Normal (60° – 70° / 16° – 21°C)	DT1845
Compliant Medium (65 – 80°F / 18 – 27°C)	DT1850
Compliant Slow (75 – 90°F / 24 – 32°C)	DT1855

PPG

DCU2042

Directions for Use

Surface Preparation:

Where VOC limits allow a maximum of 4.5 #/US Gal. for multi-stage systems, reduce DBU Color 100% 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 (5% addition of DX57 to ready-to-spray DBC required) and P-152 for DBU Color.

Mix Ratios:

DCU2042	:	DT1850 or DT1855	:	DCX9 or DCX61
4	:	1	:	1

Painting Flexible Parts

DCU2042	:	DT1850 or DT1855	:	DCX61	:	DX814
4	:	1	:	2	:	1

Pot Life: 1 1/2 – 2 hours at 70°F (21°C) for 3.5
1 – 2 hours at 70°F (21°C) for flexibilized DCU2042

Additives:

DCU2042 *cannot* be tinted.
Use **D814 Plasticiser** to flexibilize DCU2042 - See mixing ratios

Appliction Coats:

Apply: 2 – 3 wet coats

Air Pressure:

HVLP	8 – 10 psi at the air cap
Conventional	50 – 60 psi at the gun

Spraygun Set-up:

Fluid Tip:	1.3 – 1.5 mm or equivalent
Film Build Per Wet Coat:	2.4 – 2.8 mils
Dried Film Build Per Coat:	1.2 – 1.4 mils

Drying Times:

Between Coats:	5 – 10 minutes @ 70°F (21°C)
Before Baking:	0 – 5 minutes @ 70°F (21°C)
Dust Free: 70°F (21°C)	20 – 25 minutes (4:1:1 w/DCX9 or DCX61)
Dry to handle:	
70°F (21°C)	60 – 70 minutes (4:1:1 w/DCX9 or DCX61)
140°F (60°C)	30 minutes
Tape Time:	
68°F (20°C)	5 – 6 hours
140°F (60°C)	15 – 20 minutes
Through Dry:	
68°F (20°C)	8 hours
140°F (60°C)	15 – 20 minutes

Directions for Use

Drying Times continued:

IR (Infrared):		
Medium Wave		15 minutes
Short Wave		8 minutes
Polishing:		
Air Dry		Allow 12 hours @ 70°F (21°C)
Force Dry		After Cool Down
Repair and Recoat:		8 hours air dry @ 70°F (21°C) or, after the force dry/cooling cycle ends plus 2 additional hours. After 3 days, DCU2042 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 DX590 All Purpose Clean Up Solvent, DT Reducers, or DTL Thinners.

Technical Data:

VOC (Package)		4.02 lbs / U.S.Gal
VOC less exempt solvents	(Applied 4:1:1)	3.50 lbs / U.S.Gal
Total Solids by Volume	(Applied 4:1:1)	41.5%
Sq. Ft. Coverage / US Gal (1 mil 100% Transfer efficiency)	(Applied 4:1:1)	666

Resistance Testing:

Treated steel panels used for evaluation were primed with Original Eqipment *UNIPRIME*® and topcoated with *DELTRON*® Basecoat prior to DCU2042 Clearcoat. All resistance results were obtained after DCU2042 Urethane Clear had been allowed to dry approximately 72 hours at moderate temperatures (70°F/21°C).

Important:

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 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 (304) 843-1300; IN CANADA (514) 645-1320

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PPG Automotive Refinish

World Leaders In Automotive Finishes

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