DELTRON®

P-216

Concept® Low VOC Speed Clear Clear

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.

Features

- Fastest Baking Clear
- Polish Shortly After Bake
- Low 4.2 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 Reducers
Cool Temperature (60 – 70°F / 16 – 21°C)	DT860
Medium Temperature (65 – 80°F / 18 – 27°C)	DT870
Warm Temperature (75 – 90°F / 24 – 32°C)	DT885
Hot Temperature (85°F / 29°C and above)	DT895

PPG

DCU2042

Directions for Use

Preparation:

Where VOC limits allow a maximum of 5.0 #/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:

Standard Mix

DCU2042	:	DT Reducer	:	DCX9 or DCX61
4	:	1	:	1

Flexible Parts with DX814

Full panel only when part is off the vehicle*. Mix DCU2042 with DX814 Universal Flexibilizer in the following ratio:

DCU20424	:	DT Reducer	:	DCX9 or DCX61	:	DX814
4	:	1	:	2	:	1

Flexible Parts without DX814

DCU2042/DCX9 may be used on flexible parts without DX814

DCU20424	:	DT Reducer	:	DCX9	:	DX814
4	:	1	:	1	:	–

*It is not necessary to add DX 814 to DCU 2042 when the part is already mounted on the vehicle.

Pot Life:

1 - 1 1/2 hours at 70°F (21°C) for standard mix
1 – 2 hours at 70°F (21°C) when flexibilized with DX814
1 - 1 1/2 hours at 70°F (21°C) when flexibilized without DX814

Additives:

DCU2042 *cannot* be tinted.
Use **D814 Plasticiser** to flexibilize **DCU2042** - See mixing ratios
DX84 Enhancer, DX87 Extender or **DXR81** Accelerator may be added to DCU2042 up to 1/2 U.S. fl. Oz. Per ready-to-spray quart.

Appliction Coats:

Apply:	2 wet coats

Air Pressure:

HVLP	10 psi at the air 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:	2.4 – 2.8 mils
Dried Film Build Per Coat:	1.2 – 1.4 mils

Directions for Use

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/DCX61) 30 – 35 minutes (4:1:1 w/DCX9)
Dry to handle:	
70°F (21°C)	60 – 70 minutes (4:1:1 w/DCX61) 70 – 80 minutes (4:1:1 w/DCX9)
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
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)	3.96 lbs / U.S.Gal (w/DCX61) 4.07 lbs / U.S.Gal (w/DCX9)
Total Solids by Volume	(Applied 4:1:1)	41.5% (w/DCX61) 41.5% (w/DCX9)
Sq. Ft Coverage / US Gal (1 mil 100% Transfer efficiency)	(Applied 4:1:1)	666 (w/DCX61) 665 (w/DCX9)

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.

DCU2042

Concept® Low VOC Speed Clear

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

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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