

# DCU2042

DELTRON® NXT™ DCU2042 Low VOC Speed Clear is a high solids clear offering easy application and excellent gloss.

It can be air dried or force dried for increased productivity and can be polished within minutes after cooling down.



## Features & Benefits

- 4.2 VOC
- Polish shortly after bake
- Increased productivity
- Fast delivery time

## Compatible Surfaces

DCU2042 may be applied over:

- *Deltron NXT* Basecoat
- *Deltron* (DBC) Basecoat
- ENVIROBASE® High Performance (EHP) Basecoat

## Required Products

### Hardeners

DCX9 High Solids Hardener Hot Temperature / Force Dry  
DCX61 High Solids Hardener General Purpose

### Reducers

DT1565 Fast Thinner (55-65°F)  
DT1575 Medium Thinner (65-77°F)  
DT1585 Slow Thinner (77-90°F)  
DT1595 Very Slow Thinner (95+°F)  
DT1598 Ultra Slow Thinner (98+°F)

## Surface Preparation:



- Wash all surfaces to be painted with soap and water, then apply the appropriate ONECHOICE® or *Deltron NXT* cleaner. Ensure the substrate is thoroughly cleaned and dried both before and after application work.



- Wet sand with US 500-600 / European P800-P1200 grade paper or dry sand with US 400-500 / European P600-P800 grade paper.



- Wash off residue and dry thoroughly before recleaning with appropriate cleaner. The use of SX1070 *OneChoice* tack rag is recommended.

- Refer to the Product Information Bulletin of the color system for its application, dry times, and blend recommendations

**Mix Ratio & Pot Life:**



**Standard Mix:**

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



**Pot Life:** 1-1½ hours at 70°F (21°C) for standard mix

**Additives:**



DCU2042 cannot be tinted

**SL814 Universal Flexibilizer:**



**DCU2042 : DCX9 / DCX61 : DT Reducer : SL814**  
**4 : 1 : 2 : 1**

**Flexible Parts without SL814**

DCU2042/DCX9 may be used on flexible parts without SL814

Note: It is not necessary to add SL814 when the part is already mounted on the vehicle.

<b>DX73 Fisheye Eliminator</b>	0.5 oz. per RTS quart
<b>SL84 Enhancer</b>	up to 0.5 oz. per RTS quart
<b>SL87 Extender</b>	up to 0.5 oz per RTS quart
<b>DXR81 Accelerator</b>	up to 0.5 oz per RTS quart
<b>SU4985 Universal Matting Agent</b>	See ONECHOICE® Bulletin OC-2

**Air Pressure & Spray Gun Setup:**



**HVLP:** 8-10 psi at the air cap  
**Compliant:** 29-40 psi at the gun  
**Gun Setup:** 1.3-1.6 mm or equivalent

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

*Refer to Document DOX44NXT for optimized gun setting for the most popular spray guns in the field.*

**Application:**



**Apply:** 2 wet coats  
**Total recommended dry film:** 2.0-2.5 mils

**Drying Times:**



**Between Coats:** 5 minutes at 70°F (21°C)  
**Dust Free:** 20-25 minutes at 70°F (21°C) with DCX61  
 30-35 minutes at 70°F (21°C) with DCX9  
**Tape Time:** 5-6 hours at 70°F (21°C)



**Air Dry:** 8 hours at 70°F (21°C)



**Force Dry: \*** Purge: 0-5 minutes at 70°F (21°C)  
 DCX9 / DCX61: 30 minutes at 140°F (60°C)



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



**IR (Infrared):**  
**Medium Wave:** 15 minutes  
**Short Wave:** 8 minutes

**Polishing:**



**Air Dry:** 12 hours at 70°F (21°C) minimum  
**Force Dry:** After cool down

**Recoat and Repair:**



**Recoat** Recoat after 2 hours after force dry and cool down or 8 hours air dry at 70°F (21°C)

After 3 days DCU2042 must be sanded before recoating with primer, color or clear.

**Repair:** Repair after 2 hours after force dry and cool down or 8 hours air dry at 70°F (21°C)

**Equipment Cleaning:**

Spray guns, gun cups, storage pots, etc., should be cleaned thoroughly after each use with any appropriate PPG general purpose solvent.

**Technical Data**

	<b>DCX9</b>	<b>DCX61</b>
VOC less exempt solvents (RTS) lbs./US gal.	4.10	4.10
Total % Solids by Weight (RTS)	48.2%	48.3%
Total % Solids by Volume (RTS)	41.4%	41.4%
Sq. Ft. Coverage/US gal. applied RTS 1 mil. at 100% transfer efficiency	664	664

**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**

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