

Concept® 2021 Urethane Clear

DCU2021

Concept® 2021 Urethane Clear is formulated to produce a high gloss finish when used over *Deltron*® (DBU) Basecoat or *Deltron*® 2000 (DBC) Basecoat. With a VOC rating of 4.2, this clearcoat meets requirements of the National Automotive Refinish Regulation and most local VOC regulations. DCU2021 is especially suitable for the high production shop seeking to match OEM gloss with a minimum of time and effort.



Features

- High Solids Content
- Fast Dry
- Air Dry or Bake

Advantages

- 2 Coat Application
- Less Dirt Contamination
- Versatile

Benefits

- Increased Productivity
- Reduces Delivery Time
- Fits Most Shop Conditions

Compatible Surfaces

DCU2021 may be applied over:

- *Deltron*® (DBU) Universal Basecoat
- *Deltron*® 2000 (DBC) Basecoat
- *Concept*® (DCC) Acrylic Urethane

Concept® DT Reducers:

Cool Temperature (60–70°F)	DT860
Medium Temperature (65–80°F)	DT870
Warm Temperature (75–90°F)	DT885
Hot Temperature (85°F and above)	DT895

Hardeners:

Medium Temperature	DCX8
Hot Temperature / Force Dry	DCX9
General Purpose	DCX61
<i>Supercharger</i> ™	DFX11

DCU2021

Application Data

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 and dry times.

Mixing:



DCU2021	DT REDUCER	DCX HARDENER
4 parts	: 1 part	: 1 part

Pot Life of mixture is 4 hours at 70°F (21°C).



DCU2021	DT REDUCER	DFX11
5 parts	: 1 part	: 5 parts

Pot Life of mixture is 3 hours at 70°F (21°C).

Number of Coats:



2 wet coats

Spraygun Set-up:



Fluid Tip: 1.3–1.5 mm or equivalent
Air Pressure: 8–10 PSI at the cap HVLP guns
 45–50 PSI for conventional guns

Drying Times:



Flash Time: 10–15 min. with DCX hardeners
 5–10 minutes with DFX11



Dry Times 70°F (21°C):	DCX8	DCX9	DCX61	DFX11
Dust Free:	60–70min.	80 min.	50 min.	10–15 min.
Tack Free:	2½–3 hrs.	2¾–3½ hrs.	2–2½ hrs.	45–60 min.
Tape Time:	5–6 hrs.	6 hrs.	6 hrs.	10 hrs.

Air Dry: 16 hrs. 70°F (21°C)

Force Dry: **Purge:** 0–5 min.

Bake: **DCX hardener:** 30 min. at 140°F (60°C)

DFX11: 15–30 min. at 120–140°F (49°C–60°C)

Polishing:



Air Dry: **DCX hardener:** 12 hrs. at 70°F (21°C)
DFX11: 10 hrs. at 70°F (21°C)

Force Dry: **DCX hardener:** after cool down
DFX11: cool down + 4–6 hrs.

Repair and Recoat:

DCX hardener—force dry/cool cycle or 8 hr. air dry at 70°F (21°C)
DFX11—force dry/cool cycle or 5 hr. air dry at 70°F (21°C)
DCU2021 must be sanded before recoating with primer, color or clear.

Painting Flexible Parts:

Full panel only when part is off the vehicle. It is not necessary to add **DX814** when the part is mounted on the vehicle.



DCU2021	DT REDUCER	DCX HARDENER	DX814			
4	:	1	:	2	:	2

Pot life of flexibilized **DCU2021** is 1–2 hours at 70°F (21°C).

DCU2021/DT/DCX9 (4:1:1)

May be used on flexible parts without **DX814**.

DCU2021/DFX11 is not recommended over flexible parts.

Tinting and Additives:

DCU2021 cannot be tinted.

DX73 Fisheye Preventer may be added 1/2 oz. Per RTS QT.

DX84 Enhancer or **DX87 Extender** may be added 1/2 oz. Per RTS QT when using **DCX hardeners**.

DO NOT USE DX84 OR DX87 when using **DFX11**.

DXR81 Accelerator may be added 1/2 oz. Per RTS QT when using **DFX11 hardener**.

Technical Data:

DCU2021 (Pkg) #/US Gal—4.0 VOC

DCU2021 (RTS) #/US Gal

Ready-to-Spray	DCX8	DCX9	DCX61	DFX11
VOC	4.1	4.1	4.1	4.2
Total % Solids by Volume (RTS)	41.5%	41.5%	42.0%	39.9%
Sq. Ft. Coverage/US Gal. (1 mil 100% transfer efficiency)	666	666	674	639
Film build (wet mils per coat)	1.2–1.4	1.2–1.4	1.2–1.4	1.1–1.3
Recommended dry film mils	2.0–2.5	2.0–2.5	2.0–2.5	2.0–2.5

Application Data

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.

Safety:



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.

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.

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World Leaders In Automotive Finishes

PPG Industries
19699 Progress Drive
Strongsville, OH 44149

PPG Canada Inc.
2301 Royal Windsor Drive
Mississauga, Ontario L5J 1K5