

## Concept® 2002 High Solids Polyurethane Clear

# DCU2002

CONCEPT® 2002 delivers a premium-quality, high gloss, 4.2 VOC compliant finish when applied over Deltron® (DBU) Basecoat or Deltron® 2000 (DBC) Basecoat. DCU2002 is designed for either air dry or force dry spray booth applications.

Features	Advantages	Benefits
• Premium force dry clear	• Excellent gloss	• Customer satisfaction
• High solids	• Two coat clear	• Increased productivity
• Easy application	• Excellent flow characteristics	• Matches OEM finishes

### Compatible Surfaces

DCU2002 may be applied over:

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

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
SUPERCHARGER™	DFX11



**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 Ratios**



DCU2002	DT REDUCER	DCX HARDENER
4	: 1	: 1

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



DCU2002	DT REDUCER	DFX11
5	: 1	: 5

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

**Application  
and Dry Times**



Apply: 2 wet coats  
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



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:	80-90 min.	100 min.	70 min.	15-20 min.
Tack Free:	3-4 hrs.	3 1/2-4 hrs.	2 3/4-3 hrs.	1-1 1/4 hrs.
Tape Time:	5-6 hrs.	6 hrs.	6 hrs.	12 hrs.

Air Dry 16 hrs. 70°F(21°C)

Force Dry: Purge 0-5 min.  
Bake DCX hardeners 30 min. at 140°F (60°C)  
DFX11 15-30 min. at 120-140°F (49-60°C)

**Polishing**



Air Dry: DCX hardener - 16 hrs. at 70°F (21°C).  
DFX11 - 12 hrs. at 70°F (21°C)

Force Dry: DCX hardener- cool down + 4-8 hrs.  
DFX11 - cool down + 4-6 hrs.

**Repair and Recoat**



DCX - force dry/cool cycle or 16 hrs. air dry 70°F (21°C)  
DFX11 - force dry/cool cycle or 5 hrs. air dry 70°F (21°C)  
After 3 days, DCU2002 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.



DCU2002	DT REDUCER	DCX HARDENER	DX814
4	: 1	: 2	: 2

Pot life of flexibilized DCU2002 is 1-2 hours at 70°F (21°C)

DCU2002/DT/DCX9 (4:1:1)  
May be used on flexible parts without DX814

DCU2002/DFX11 is not recommended over flexible parts

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**Tinting and Additives**

DCU2002 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.

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**Technical Data****Properties****DCU2002 (Pkg) #/US Gal - 4.0 VOC****DCU2002 (RTS) #/US Gal**

<b>Ready-to-Spray</b>	<b>DCX8</b>	<b>DCX9</b>	<b>DCX61</b>	<b>DFX11</b>
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	675	640
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

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

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