



DBC500 / DBU500

DBC500 and DBU500 Color Blenders are intended for use as a tool to blend and intermix DBC and DBU Basecoat colors, tri-coat pearls, and light or hard to control metallics.

DBC500 and DBU500 may also be used as a fast drying cut-in clear for DBC and DBU colors in areas that are not exposed to direct sunlight.

The Color Blenders are not intended for use as a durable topcoat clear and must be clearcoated for exterior use. DBC500 should only be used with DBC colors; DBU500 should only be used with DBU colors.



Deltron

Features & Benefits

- Wet Bed Application
- Color blender
- Cut-in Clear
- Fast dry
- Compatible with VIBRANCE COLLECTION® product line

Compatible Surfaces

DBC500 may be applied over:

Deltron 2000 (DBC) Basecoat or any compatible surface from P-Sheet P-175

DBU500 may be applied over:

DELTRON® (DBU) Universal Basecoat or any compatible surface from P-Sheet P-152

Required Products

DT Reducers (DBC)

DT860	Cool Temperature 60-70°F (16-21°C)
DT870	Medium Temperature 65-80°F (18-27°C)
DT885	Warm Temperature 75-90°F (24-32°C)
DT895	Hot Temperature 85°F (29°C)
DT898	Hot Temperature 95°F (35°C)

DRR Reactive Reducers (DBU)

DRR1160	Cool Temperature 55-65°F (13-18°C)
DRR1170	Medium Temperature 65-75°F (18-24°C)
DRR1185	Warm Temperature 75-90°F (24-32°C)

DBC500 / DBU500

Surface Preparation:



- Old cured finishes must be thoroughly cleaned and sanded in areas where DBC500 or DBU500 will be applied.



- See DBC and DBU Product Information Bulletins P-175 or P-152 respectively for details of surface preparation, color mixing, application and dry times.

Mix Ratio:

Note: Reduce the DBC500 or DBU500 with the same reducer that was used in the DBC or DBU color. Do not use DBC500 with DBU Colors. Do not use DBU500 with DBC colors.



DBC500	:	DT8XX Reducer
1	:	1



DBU500	:	DRR Reducer
1	:	1½

Note: See Additives Section for use of DX57 with DBC500



For use as a color blender

<u>Reduced DBC500 / DBU500</u>	:	<u>Reduced DBC / DBU Color</u>
1	:	1



Pot Life: No pot life for DBC/DT8xx mixture without DX57
4 hours at 70°F (21°C) for DBU/DRR mixture

Additives:



DX57 Basecoat Activator: 5% to RTS quart in DBC500

If any layer of a DBC basecoat job will be catalyzed with DX57 Basecoat Activator, all layers, above or below (including DBC500), should also be catalyzed with 5% DX57.

Optional: 5% DX57 per RTS quart can be added to DBC500 cut-in-clear for improved resistance to underhood fluids.



Pot Life of DBC500 / DX57 is 2 hours at 70°F (21°C)

Do not use DX57 with DBU500

Air Pressure and Spraygun Set-up:



HVLP: 8-10 psi at the air cap

Compliant: 29-40 psi at the gun

Gun Setup: 1.3-1.6 mm or equivalent

*Lower pressures are sometimes used for blending.

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

DBC500 / DBU500

Application:



As a Wet Bed:

1-2 light to medium coats, applied edge to edge over entire repair area. Allow to flash 5-10 minutes, apply basecoat directly over the wet bed and blend as necessary.

As a Color Blender:

1-2 light to medium coats. Extend each coat a little further than the previous coat. If desired, more of the reduced DBC500 or DBU500 may be added to the color mixture to further reduce the hiding for each blend step out.

As a Lock Down Clear:

1 light to medium coat with no color added to lock down the metallic or pearl color prior to clearcoat application.

As a Fast Cut-in-Clear:

Let the DBC or DBU color dry 10-20 minutes then apply 2-3 coats of reduced DBC500 or DBU500.

DO NOT use as a Fast Cut-in Clear in areas that will be exposed to direct sunlight.

Dried film build per coat: 0.3-0.5 mils

Drying Times:



Between Coats:

As a Color Blender: 5-10 minutes at 70°F (21°C)

As a Lock Down Clear: 5-10 minutes at 70°F (21°C)

As a Fast Cut-in-Clear: 5-10 minutes at 70°F (21°C)



Dry to Topcoat:

As a Color Blender: 15-20 minutes at 70°F (21°C)

As a Lock Down Clear: 15-20 minutes at 70°F (21°C)

Caution: In all cases avoid high film builds of basecoats including DBC500/DBU500

Compatible Topcoats:

DBC500 may be clearcoated with any clear recommended over DBC (see P-175)

DBU500 may be clearcoated with any clear recommended over DBU (See P-152)

Note: DBC500 and DBU500 are not intended as durable topcoat clears, they must be clearcoated for exterior use.

If allowed to dry more than 24 hours, DBC500 and DBU500 must be scuffed and reapplied before clearcoating.

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:

	<u>DBC500</u>	<u>DBC500 w/DX57</u>	<u>DBU500</u>
VOC less exempt solvents (Package)	5.72 lbs./US Gal (685 g/L)	5.72 lbs./US Gal (685 g/L)	4.96 lbs./US Gal (594 g/L)
VOC less exempt solvents (RTS w/ reducer—no color added)	6.38 lbs./US Gal (765 g/L)	6.15 lbs./US Gal (737 g/L)	6.33 lbs./US Gal (759 g/L)
VOC less exempt solvents (RTS DBU500 or DBC500 types blended with RTS color)	6.09-6.49 lbs./US Gal (730-778 g/L)	5.93-6.26 lbs./US Gal (710-750 g/L)	5.8-6.43 lbs./US Gal (695-770 g/L)
Total Solids by Volume (Applied)	10.8%	13.9%	14.1%
Total Solids by Weight	13.9%	17.7%	17.6%
Sq. Ft. Coverage / US Gal. (Applied)	173	223	227

DBC500/DBU500

See Material 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

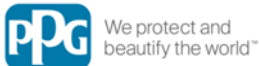
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