

COLOR BLENDER

DBU/DBC500

DBU500 and DBC500 Color Blenders are intended for use as a tool to blend factory pack and intermix DBU and DBC Basecoat colors, tri-coat pearls, and light or hard to control metallics. DBU500 and DBC500 may also be used as a fast drying cut-in clear for DBU and DBC 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. DBU500 should only be used with DBU colors; DBC500 should only be used with DBC colors.



Features

- Color blender
- Cut-in Clear

Advantages

- Fast dry
- Increased productivity

Benefits

- Multiple uses
- Easier blending

Compatible Surfaces

DBU500 may be applied over:

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

DBC500 may be applied over:

- *DELTRON®* 2000 (DBC) Basecoat or any compatible surface from P-175.

Required Products

	DRR Reactive Reducers (DBU)
Cold Temperature (45 – 55°F)	DRR1150
Cool Temperature (55 – 65°F)	DRR1160
Medium Temperature (65 – 75°F)	DRR1170
Warm Temperature (75 – 90°F and above)	DRR1185
Hot Temperature (90°F and above)	DRR1195
	DT Reducers (DBC)
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
Hot Temperature (95°F and above)	DT898



DBU/DBC500

Directions for Use

Preparation:



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

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

Mixing Ratios:

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



For all uses

DBU500 : DRR Reducer
1 : 1 1/2

DBC500 : DT Reducer
1 : 1

For use as a color blender

Reduced DBU/DBC500 : Reduced DBU/DBC Color
1 : 1

Pot Life of DBU/DRR is 4 hours at 70°F (21°C).

DBC/DT has no pot life (mix well before use).

Additives:



None recommended

Application Coats:



As a color blender

- Apply 1 – 2 light to medium coats of the 500/color blender mixture onto the blend area, extending each coat a little further each time.
- Allow 5 – 10 minutes dry time between coats.
- If desired, more of the reduced DBU or DBC500 may be added to the color mixture to further reduce the hiding for each blend step-out.
- Allow 15 – 20 minutes dry time at 70°F (21°C) before clearcoating with appropriate PPG Clears.

When using as a “Lock Down” Clear:

- Spray 1 light to medium coat of reduced DBU500 or DBC500 with no color added (before or after DBU or DBC color application), to lock down the metallic or pearl color prior to clearcoat application. Allow 5 – 10 minutes between coats.
- Avoid thick films, do not use this “lock down” technique when there are already more than 3 coats of DBU or DBC Color.
- Allow 15 – 20 minutes dry time at 70°F (21°C) before clearcoating with appropriate PPG Clears.

When using as a Fast Cut-in Clear:

- Let the DBU or DBC color dry 10 – 20 minutes then apply 2 – 3 coats of reduced DBU500 or DBC500.
- Allow 5 – 10 minutes dry time between coats.
- Do not use as a Fast Cut-in Clear in areas that will be exposed to direct sunlight.

Directions for Use

Air Pressure:



HVLP at the air cap
Conventional at the gun
Lower pressures are sometimes used for blending

DBU/DBC500

6 – 10 psi
25 – 45 psi

Spraygun Set-up:

Fluid Tip:
Film Build Per Wet Coat:
Dried Film Build Per Coat:

DBU/DBC500

1.3 – 1.5 mm
1.0 – 2.0 mils
0.3 – 0.5 mils

Compatible Topcoats:

DBU500 may be clearcoated with any compliant clear recommended over DBU (see P-152).

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

Note: *DBU/DBC500 is not intended as a durable topcoat clear, it must be clearcoated for exterior use.*

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:

	DBU500	DBC500
VOC (Package)	5.0 lbs/US Gal.	5.7 lbs/US Gal.
VOC less exempt (Package)	5.0 lbs/US Gal.	5.7 lbs/US Gal.
VOC (Applied)	6.3 lbs/US Gal.	6.4 lbs/US Gal.
VOC less exempt (Applied)	6.3 lbs/US Gal.	6.4 lbs/US Gal.
Total Solids by Volume (Applied)	12.4 %	10.8 %
Sq. Ft Coverage / US Gal (Applied)	198 sq. ft.	173 sq. ft.

DBU/DBC500

Color Blender

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 (412) 434-4515; 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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