

Deltron® 2000 Basecoat/DBI Interior Basecoat Color: 4.5 VOC BC/CC Regulation

DBC/DBI

PPG's *Deltron*® 2000 (DBC) Basecoat is a state-of-the-art, premium quality basecoat/clearcoat system designed to reproduce the hi-tech O.E.M. finishes found on today's import and domestic vehicles.

Deltron® 2000 (DBI) Interior Color was developed for interior and underhood color matching purposes. It is mixed directly from the *Deltron*® Mixing Service. DBI must be reduced with the appropriate DT Reducer and does not require clearcoating.



Features

- Available in Domestic and Import Colors
- Available in Intermix and Factory Pack
- Interior and Exterior Colors Available

Advantages

- Universal
- Wide Choice of *Deltron*® Clearcoats
- Better Coverage

Benefits

- One System Does It All
- Improved Productivity
- Less Material Use

Compatible Surfaces

DBC/DBI may be applied over:

- Cleaned and sanded OEM topcoat
- DPLV *V-Prime*™ LV Surfacer (#)
- DPX801 Universal Plastics Adhesion Promoter - *See P-194*
- DSLV *V-Seal*™ LV Sealer
- NCP280 2.1 VOC Primer Surfacer
- NCS1990 Compliant Wet-on-Wet Sealer (+)
- NCS1996 Low VOC Sealer (+)
- SU4903 Advanced Plastic Bond - *See OC-1*

- SX1056 Flexible 2K Sealer
- SX1057 Flexible 2K Surfacer
- SX1080 2K Rollable Surfacer LV (#)

(#) *Must be sealed when topcoating with Black DBC/DBI*

(+) *Must add DX57 to DBC when applying over NCS1990 or NCS1996*

FOR USE WITH OTHER PPG PRODUCTS, PLEASE REFER TO THE SPECIFIC PRODUCT BULLETIN FOR OVER/UNDER COMPATIBILITIES.

Required Products

	DT Reducers
Cool Temperature (60 – 70°F)	DT860
Medium Temperature (65 – 80°F)	DT870
Warm Temperature (75 – 90°F and above)	DT885
Hot Temperature (85°F and above)	DT895
Hot Temperature (95°F and above)	DT898

DBC/DBI

Directions for Use

Surface Preparation and Cleaning:



DBC:

- Wash painted surfaces thoroughly with soap and water to remove water-soluble contaminants. Then clean with appropriate PPG Cleaner.
- Sand with 400 – 600 grit sandpaper or equivalent.
- Re-clean and prime or seal as needed.

DBI (Interior)

- Wash the area to be painted with soap and water. Then clean with the appropriate PPG Cleaner.
- Lightly scuff with 400 – 600 grit sandpaper or equivalent.
- Re-clean with PPG Cleaner.
- Final wipe with DX103 *Multi-Prep*TM

• Bare Plastic or Rubber Parts (DBC or DBI):

- Refer to Product Bulletin P-194, DPX801 or OC-1, SU4903

To insure product performance, review your PPG Access[®] system's coating file with our bulletin's recommendations. Call 1-800-624-4032 for PPG Access[®] computer support.

Mixing Ratio for 4.5 VOC BC/CC regulated areas:



DBC Colors

Reduce DBC color 100% with the DT Reducer best suited to shop temperature and size of job. Then add 5% DX57 on RTS (1.6 oz./RTS qt.).

DBC	DT Reducer	DX57
1	1	5% per RTS qt.

Note: Pot life is 2 hours at 70°F (21°C) mixed.

DBC9700 Reduction:

Reduce DBC9700 25 - 50% with the DT Reducer best suited to shop temperature and size of job. Then add 5% DX57 on RTS.

DBC9700	DT Reducer	DX57
1	1/4 – 1/2	5% per RTS qt.

Note: Pot life is 2 hours at 70°F (21°C) mixed.

DBI (Interior):

Reduce DBI color 50 – 100% with the DT Reducer best suited to shop temperature and size of job.

DBI	DT Reducer
1	1/2 – 1

Note: There is no pot life for this mixture.

Directions for Use

Additives:

DX57 Basecoat Activator - DX57 is required in DBC for compliance with 4.5 BC/CC regulations. See Mixing Ratio Section of this Bulletin.

DBC/DBI does not require a flexible additive.

Spraygun Set-up:



Apply:	2 – 3 coats or until hiding is achieved
Fluid Tip:	1.0 – 1.4 mm or equivalent
Air Pressure:	8 – 10 PSI at the cap for HVLP guns 35 – 45 PSI at the gun for conventional guns

Drying Times:



Between Coats:	
DBC/DX57	10 – 15 minutes
DBI	5 – 10 minutes
Dry Time to Clearcoat:	15 minutes at 70°F (21°C) 24 hrs. maximum to clearcoat
Tape Time:	
DBC/DX57	30 – 60 minutes at 70°F (21°C)
DBI	20 – 40 minutes at 70°F (21°C)

If the basecoat color is allowed to dry more than 24 hours, it must be scuffed and new basecoat color applied.

Striping or Two Toning:

Tape time of DBC/DBI is 20 – 60 minutes at 70°F (21°C) and 50% relative humidity. All striping and two toning must be completed within 24 hours. If allowed to dry for more than 24 hours, the DBC Colors must be sanded and reapplied. Avoid thick films of DBC.

Clearcoating:

DC3010 *DELTRON*® High Velocity Clear LV
DC4010 *DELTRON*® Velocity Premium Clear LV
DCU2010 2.1 Speed Clear
DCU2030 2.1 Baking Clear
DCU2035 3.5 VOC Clear
DCU2042 Low VOC Speed Clear *with DT1845, 1850, 1855*
DCU2055 CLEAR
DCU2060 *Flexed "N" Flat*™ Clear
DCU2090 3.5 Spot and Panel Clear

Over tri-coats use a clearcoat with a RTS VOC of 2.8 lbs./gal. or less.

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Technical Data:

	DBC with DX57	DBI (no DX57)
VOC less exempt solvents (PKG)	5.2 – 6.16 lbs./gal. (623 – 738 g/l)	5.2 – 6.16 lbs./gal. (623 – 738 g/l)
VOC less exempt solvents (RTS)	5.7 – 6.36 lbs. (683 – 762 g/l)	5.8 – 6.60 lbs. (695 – 791 g/l)
Total Solids by Volume (RTS)	10 – 15%	9 – 14%
Sq. Ft Coverage / US Gal (RTS) (1 mil at 100% Transfer Efficiency)	160 – 241	144 – 225
Film build per coat	0.4 mils	0.4 mils
Dry Time between coats at 70°F	10 – 15 minutes	5 – 10 minutes
Dust Free Time	10 – 15 minutes	5 – 10 minutes
Tack Free Time	20 – 30 minutes	10 – 20 minutes
Tape Time	30 – 60 minutes	20 – 40 minutes

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 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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