

Deltron® 2000 Basecoat/DBI Interior Basecoat Color

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
- Full Compatibility with Vibrance Product Line

Compatible Surfaces

DBC/DBI may be applied over:

- Cleaned, sanded OEM topcoat
- DAS *V-Seal™* Acrylic Urethane Sealer
- DPLV *V-Prime™* LV Surfacer (#)
- DPLF Epoxy Primer Lead Free
- DPS *V-Prime™* Acrylic Urethane Surfacer (#)
- DPX801 Universal Plastics Adhesion Promoter - See P-194
- DS1002 UV Cured Primer Surfacer
- DSLV *V-Seal™* LV Sealer
- DX54 *Roadguard®* Chip Resistant Coating
- K36 *Prima™* Acrylic Urethane Primer Surfacer (#) / Sealer
- K38 High Build Primer Surfacer (#)
- K93 Tintable Primer Surfacer (#) / Sealer
- NCP250/260 NCT Primer Surfacer (#)
- NCP270/271 Corrosion Resistant Primer (#)
- NCP280 2.1 VOC Primer Surfacer
- NCS1990 Compliant Wet-on-Wet Sealer (+)

- NCS2000 Series *Deltron®* Sealers
- SU4903 Advanced Plastic Bond - See OC-1
- SX1050 Plastic Adhesion Promoter
- SX1056 Flexible 2K Sealer
- SX1057 Flexible 2K Sealer
- SX1060 Brushable 2K Primer Surfacer
- SX1080 2K Rollable Surfacer LV (#)

(#) *Must be sealed when topcoating with Black DBC/DBI*
 (+) *Must add DX57 to DBC when applying over NCS1990*

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 system's coating file with our bulletin's recommendations.
Call 1-800-647-6050 for computer support.*

Mixing Ratio:



Standard Reduction

Reduce DBC/DBI color 100% with the DT Reducer best suited to shop temperature and size of job. (Do not use DT8110 Retarder in DBC/DBI).

DBC/DBI	DT Reducer
1	1

Note: There is no pot life for this mixture.



DBC/DBI9700 Standard Reduction:

Reduce DBC/DBI9700 color 25 - 50% with the DT Reducer best suited to shop temperature and size of job.

DBC/DBI9700	DT Reducer
1	$\frac{1}{4} - \frac{1}{2}$

Note: There is no pot life for this mixture.



DX57 Basecoat Activator Option for DBC:

5% DX57 may be added to reduced DBC (1.6 oz. per RTS qt.).

DBC	DT Reducer	DX57
1	1	5% per RTS

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



CAUTION: DX57 must be added when DBC is used in any of these ways:
Over NCS1990
In all tri-coat systems (both ground and midcoat layers).
See Clearcoating section note for recommended clearcoats.
Vibrance Color Systems

Directions for Use

Additives:



DX57 Basecoat Activator - 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
(Avoid thick films of DBC)

Fluid Tip: 1.2 – 1.5 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: 5 – 10 minutes at 70°F (21°C) Standard Mix
10 – 15 minutes at 70°F (21°C) with DX57

Dry Time to Clearcoat: 15 minutes 70°F (21°C)
24 hrs. maximum to clearcoat

Tape Time: 20 – 40 minutes at 70°F (21°C) Standard Mix
30 – 60 minutes at 70°F (21°C) with DX57

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, two toning and clearcoating 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:

DC2000 *DELTRON*® Ultra Velocity Clear
DC3000 *DELTRON*® High Velocity Clear
DC3010 *DELTRON*® High Velocity Clear LV
DC4000 *DELTRON*® Velocity Premium Clear
DC4010 *DELTRON*® Velocity Premium Clear LV
DCD35 3.5 Compliant Clear
DCU2002 *CONCEPT*® High Solids Polyurethane Clear
DCU2010 2.1 Speed Clear
DCU2021 *CONCEPT*® Urethane Clear
DCU2035 *DIAMOND COAT*® PLUS 3.5 VOC Clear
DCU2042 *CONCEPT*® Low VOC Speed Clear
DCU2055 *CONCEPT*® Clear
DCU2060 *Flexed "N" Flat*™ Clear
DCU2082 *STRATOCLEAR*™ Clear

**Note the DX57 requirement for all layers of DBC tricoat color. For tricoat systems use clear coat with a ready to spray VOC maximum of 4.20 lbs/US gal to meet the tricoat Multistage limit of 5.20 lbs/US gal. For tricoat systems use clear coat with a ready to spray VOC maximum of 3.77 lbs/US gal to meet the tricoat Multistage limit of 5.00 lbs/US gal.*

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Technical Data:

	STD Reduction	With DX57	Tricoat colors* (with DX57)
Package VOC Actual	5.20 – 6.16 lbs./gal. (623 – 738 g/l)	5.20 – 6.16 lbs./gal. (623 – 738 g/l)	5.20 – 581 lbs./gal. (623 – 696g/l)
Package VOC Regulatory (Less Water, Less Exempts)	5.20 – 6.16 lbs./gal. (623 – 738 g/l)	5.20 – 6.16 lbs./gal. (623 – 738 g/l)	5.20 – 6.16 lbs./gal. (623 – 696g/l)
RTS blend ratio	1 : 1	1 : 1 + 5%	1 : 1 + 5%
RTS VOC Regulatory (Less Water, Less Exempts)	5.80 – 6.60 lbs. (695 – 791 g/l)	5.70 – 6.36 lbs. (683 – 762 g/l)	5.70 – 6.20 lbs. (683 – 743g/l)
Total Solids by Volume (RTS)	9 – 14%	10 – 15%	10 – 15%
Sq. Ft Coverage / US Gal (RTS) (1 mil at 100% Transfer Efficiency)	144 – 225	160 – 241	160 – 241
Film build per coat	0.4 mils	0.4 mils	0.4 mils
Dry Time between coats at 70°F	5 – 10 minutes	10 – 15 minutes	10 – 15 minutes
Dust Free Time	5 – 10 minutes	10 – 15 minutes	10 – 15 minutes
Tack Free Time	10 – 20 minutes	20 – 30 minutes	20 – 30 minutes
Tape Time	20 – 40 minutes	30 – 60 minutes	30 – 60 minutes

*See Clearcoating section for VOC requirements for tricoat system clearcoats.

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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