

Deltron® Basecoat/DIU Interior Basecoat Color

DBU/DIU

PPG's *Deltron*® (DBU) Basecoat/Clearcoat system is specifically designed to match the color and appearance of the original finish. This system is useful in spot or panel repairs as well as overall finishing.

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



Features

- Available in Domestic and Import Colors
- Available in Intermix and Factory Pack
- Universal Basecoat

Advantages

- Universal
- Versatile
- Wide Choice of *Deltron*® Clearcoats

Benefits

- One System Does It All
- Choose What's Right For Your Shop
- Streamlined Products

Compatible Surfaces

DBU/DIU may be applied over:

- Cleaned and sanded OEM topcoats
- DAS302x *V-Seal*™ Acrylic Urethane Sealer - Dry at least 1 hour
- DPLV305x *V-Prime*™ LV Surfacer
- DPLF Epoxy Primer Lead Free
- DPS305x *V-Prime*™ Acrylic Urethane Surfacer
- DPX801 Universal Plastics Adhesion Promoter – See P-194
- DS1002 UV Cured Primer Surfacer
- DSLV302x *V-Seal*™ LV Sealer - Dry at least 1 hour
- DX54 *Roadguard*® Chip Resistant Coating
- DZ *Kondar*® Acrylic Primer Surfacer (#)
- K36 *Prima*™ Acrylic Urethane Primer Surfacer (+)
- K38 High Build Primer Surfacer
- K93 Tintable Primer Surfacer(+)
- NCP250/260 NCT Primer Surfacer (#)
- NCP270/271 Corrosion Resistant Primer
- NCP272 Tintable 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
- SX1057 Flexible 2K Surfacer
- SX1060 Brushable 2K Primer Surfacer
- SX1080 2K Rollable Surfacer LV

(#) *Must be sealed when topcoating with Black DBU/DIU*

(+) *Sanded surfacer only, not as a sealer*

(!) *Must be applied wet on wet*

Required Products

	DRR Reducers
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



DBU/DIU

Directions for Use

Surface Preparation and Cleaning:



DBU:

- 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.

DIU (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*™

Bare Plastic or Rubber Parts (DBU or DIU):

- Refer to Product Bulletin P-194, DPX801; and 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:



Reduce DBU/DIU color 150% with the DRR Reactive Reducer best suited to shop temperature and size of job.

DBU/DIU DRR : Reducer

1 : 1½

Note: In all tricoat systems reduce the groundcoat and midcoat 100%. See special clearcoat recommendations.

Pot Life:



4 hours at 70°F (21°C) mixed

Additives:

None

DBU/DIU does not require a flexible additive

Spraygun Set-up:



Apply: 2 – 3 coats or until hiding is achieved
(Avoid thick films of DBU)

Fluid Tip: 1.3 – 1.5 mm or equivalent

Air Pressure: 8 – 10 PSI at the cap for HVLP guns

Directions for Use

Drying Times:



Between Coats:	10 - 15 minutes
Dry Time to Clearcoat:	2 coats: 20 minutes 70°F (21°C)
	3 coats: 30 minutes 70°F (21°C)
	4 coats: 40 minutes 70°F (21°C)
	24 hrs. max. to clearcoat

Tape Time:	45 minutes at 70°F (21°C)
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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 DBU/DIU is 45 minutes at 70°F (21°C) and 50% relative humidity. All striping, two toning and clearcoating must be completed within 24 hours, otherwise, the DBU Colors must be sanded and reapplied. Avoid thick films of DBU.

Clearcoating:

DC3000 *DELTRON*® High Velocity Clear
 DC3010 High Velocity Clear LV
 DC4000 *DELTRON*® Velocity Premium Clear
 DC4010 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 special 1:1 DBU color reduction requirement for tricoat systems listed in the Mixing Ratio section. For tricoat systems use only clearcoats with RTS VOC 4.31 lbs/US gal or lower to meet Multistage limit of 5.20 lbs/gal, clear coat RTS VOC 3.91 lbs/US gal or lower to meet Multistage limit of 5.00 lbs/US gal*

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Technical Data:

	DBU/DIU	DBU tricoat*
Package VOC Actual	4.40 – 5.44 lbs. per US Gal (527 - 652 g/l)	4.40 – 4.97 lbs./US Gal (527 – 595 g/l)
Package VOC Regulatory (Less Water, Less Exempts)	4.40 – 5.44 lbs. per US Gal (527 – 652 g/l)	4.40 – 4.97 lbs. per US Gal (527 – 595 g/l)
1:1½ RTS VOC Regulatory (Less Water, Less Exempts)	5.27 – 6.50 lbs. per US Gal (632 – 779 g/l)	Not Applicable
1:1 RTS VOC Regulatory (Less Water, Less Exempts)	5.27 – 6.33 lbs. per US Gal (632 – 759 g/l)	5.27 – 6.09 lbs. per US Gal (632 – 730 g/l)
Total Solids by Volume (RTS)	14 – 20%	
Sq. Ft. Coverage / US Gal (RTS) (1 mil at 100% Transfer Efficiency)	224 – 321	
Film build per coat	0.5 mils	
Dry Time between coats at 70°F	10 – 15 minutes	
Dust Free Time	10 min	
Tack Free Time	15 min	
Tape Time	45 minutes	

*See Note in Clearcoating section for clearcoat VOC restrictions for tricoats.

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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