

High Velocity Clearcoat

P-236

DC3000

DELTRON® NXT™ DC3000 is a high-velocity, high-quality clearcoat, specifically developed to enhance productivity in air-dry and low-bake collision repair facilities.

DC3000 is designed for use on repairs of 1-3 panels. The product offers fast flash, polish, and air dry times without sacrificing durability or appearance.



Features & Benefits

- Short bake
- Air dry and buff in 1½ hours
- Reduces cycle time
- Low bake option

Compatible Surfaces

DC3000 may be applied over:

- *Deltron* (DBC) Basecoat
- *Deltron NXT* Basecoat

Required Products

Hardeners

DCH3070 Low Temp Hardener 60-75°F (16-24°C)
 DCH3085 Medium Temp Hardener 75-95°F (24-35°C)
 DCH3095 Hi Temp Hardener 95°F (35°C) and above
 DCH3098 Ultra Hi Temp Hardener 95°F (35°C) and above

Surface Preparation:



- Wash all surfaces to be painted with soap and water, then apply the appropriate ONECHOICE® or *Deltron NXT* cleaner. Ensure the substrate is thoroughly cleaned and dried both before and after application work.



- Wet sand with US 500-600 / European P800-P1200 grade paper or dry sand with US 400-500 / European P600-P800 grade paper.



- Wash off residue and dry thoroughly before recleaning with appropriate cleaner. The use of a SX1070 *OneChoice* tack rag is recommended.

- Refer to the Product Information Bulletin of the color system for its application, dry times, and blend recommendations

Mix Ratio & Pot Life:



Standard Mix:

DC3000 : DCH30xx Hardener

4 : 1

Mixing DC3000 as a Cut-in Clear:

Add 1 part DBC/NXT Color to 1 part DC3000 then:



DBC/NXT/DC3000 Mix : DCH30xx Hardener : DT Reducer

4 : 1 : 1/2

Note: Cut-in clear method can only be done using a solventborne basecoat.

Do not mix with ENVIROBASE® High Performance products.



Pot Life : 1½-2 hours at 70°F (21°C)

Additives:



SL814 Universal Flexibilizer:

DC3000 : DCH30xx : SL814

3 : 1 : 1/2

SU4985 Universal Matting Agent See ONECHOICE® bulletin OC-2

Air Pressure & Spray Gun Setup:



HVLP: 8-10 psi at the air cap
Compliant: 29-40 psi at the gun
Gun Setup: 1.3-1.6 mm or equivalent

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

Refer to Document DOX44NXT for optimized gun setting for the most popular spray guns in the field.

Application:



Apply: 2 wet coats
Total recommended dry film: 2.0-2.5 mils

Drying Times:



Between Coats: 3-5 minutes at 70°F (21°C)
Dust Free: 25-30 minutes at 70°F (21°C)
Tape Time: 4-6 hours at 70°F (21°C)



Air Dry: 1½-2 hours at 70°F (21°C)



Force Dry:
Purge: None
DCH3070: 9 minutes at 120°F (49°C)
DCH3085/3095/3098: 9 minutes at 140°F (60°C)



IR (Infrared):
Medium Wave: 5 minutes half bake, 9 minutes full
Short Wave: 5 minutes

Polishing:



Air Dry: 1½ hours at 70°F (21°C) w/ DCH3070
1½ hours at 85°F (29°C) w/ DCH3085
1½ hours at 95°F (35°C) w/ DCH3095
1½ hours at 95°F (35°C) w/ DCH3098



Force Dry: After cool down

Overcoat / Recoat:



Recoat and Repair:

Recoat:

Recoat after force dry and cool down or 1½ hours air dry
70°F (21°C).



DC3000 must be sanded before recoating with primer, color or
Clear.

Repair:

Repair after force dry and cool down or 4-6 hours air dry
70°F (21°C)



Note: All force dry times are quoted for metal temperature. Additional time must be
allowed during force dry to allow metal to reach recommended temperature

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:

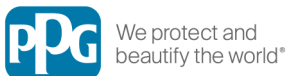
VOC less exempt solvents (Applied 4:1)	3.83 lbs./gal. (459 g/L)
VOC less exempt solvents as a Cut-in Clear (Applied 4:1:½)	4.97 lbs./gal. (595 g/L)
VOC less exempt solvents w. SL814 (Applied 3:1:½)	3.98 lbs./gal. (477 g/L)
Total Solids by Volume (Applied 4:1)	38.1-39.4%
Total Solids by Weight (Applied 4:1)	45.8-46.2%
Sq. Ft. Coverage / US Gal (Applied 4:1) 1 mil, 100% transfer efficiency	611-632

See 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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