DELTRON®

P-236

Deltron® High Velocity Clearcoat

DC3000

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

Deltron® High Velocity Clearcoat is designed for use on repairs with 1 – 4 panels. DC3000 offers extremely fast flash, polish and air dry times without sacrificing durability or appearance.

Features

- Low temp, fast bake
- Air dry & buff in 1 1/2 hours

Advantages

- Less booth time
- Performs well in all booth types
- Speeds up potential delivery time
- More production

Benefits

- Reduces cycle time

Compatible Surfaces

DC3000 may be applied over:

- DELTRON® (DBU) Universal Basecoat
- DELTRON® 2000 (DBC) Basecoat
- CONCEPT® (DCC) Acrylic Urethane

Required Products

	Hardener
Low Temperature	DCH3070 (55°– 75°F / 13°– 24°C)
Medium Temperature	DCH3085 (75°– 95°F / 24°– 35°C)
High Temperature	DCH3095 (95°F / 35°C & above)
Ultra High Temperature	DCH3098 (95°F / 35°C & above)

DC3000

Directions for Use

Preparation:

Where VOC limits allow a maximum of 5.0 lbs./US Gal. for multi-stage systems, reduce DBU Color 150% with DRR Reducer or DBC Color 100% with DT Reducer.

Refer to the Product Information Bulletin of the color system for its application, dry times, and blend recommendations. (See P-175CA for DBC and P-152 for DBU Color).

Mixing Ratios:

Standard Mix

DC3000	:	DCH30xx Hardener
4	:	1

Mixing DC3000 as a Cut-in Clear

Add 1 part DBC Color to 1 part DC3000 then ...

DBC / DC3000 Mix	:	DCH30xx Hardener	:	DT Reducer
4	:	1	:	1/2

Pot Life is 1 1/2 – 2 hours at 70 ℉ / 21 ℃ for standard mix

Additives:

DX814 Flexibilizer

DC3000	:	DCH30xx Hardener	:	DX814
3	:	1	:	1/2

Application :

Apply:	2 wet coats

Air Pressure:

HVLP	10 psi at the air cap
Conventional	45 – 55 psi at the gun

Spraygun Set-up:

Fluid Tip:	1.3 - 1.5 mm or equivalent
Film Build Per Wet Coat:	3.2 – 3.7 mils
Dried Film Build Per Coat:	1.2 – 1.4 mils

Directions for Use

Drying Times:

Between Coats:	3 - 5 minutes
Dust Free:	
68°F / 20°C	5 – 10 minutes
Tack Free:	
68°F / 20°C	30 minutes
Tape Time:	
68°F / 20°C	4 – 6 hours

Air Dry:	
68°F / 20°C	1 1/2 – 2 hours

Force Dry:	
Purge	None
Bake w/ DCH3070	9 minutes @ 120 ℉ / 49 ℃
Bake w/ DCH3085 or 3095	9 minutes @ 140 ℉ / 60 ℃
Bake w/DCH3098	9 minutes @ 140 ℉ / 60 ℃

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

Polishing:	
Air Dry	1 1/2 hours @ 70 ℉ / 21 ℃ w/ DCH3070 1 1/2 hours @ 85 ℉ / 29 ℃ w/ DCH3085 1 1/2 hours @ 95 ℉ / 35 ℃ w/ DCH3095 1 1/2 hours @ 95 ℉ / 35 ℃ w/ DCH3098
Force Dry	Immediately after cool down

Repair and Recoat:	Recoat after force dry and cooling cycle or 1 1/2 hours air dry 70 ℉ / 21 ℃. Repair after force dry and cooling cycle or 4 – 6 hours air dry 70 ℉ / 21 ℃. DC3000 must be sanded before recoating with primer, color or clear.

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)	3.91 lbs/gal. (469 g/l)
VOC less exempt solvents as a Cut-in Clear (Applied 4:1:1/2)	4.97 lbs/gal. (595 g/l)
VOC less exempt solvents w/DX814 (Applied 3:1:1/2)	3.98 lbs/gal. (477 g/l)
Total Solids by Volume (Applied 4:1)	38.09%
Sq. Ft Coverage / US Gal (Applied 4:1) (1 mil, 100% transfer efficiency)	610

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Resistance Testing:

Treated steel panels used for evaluation were primed with Original Equipment UNIPRIME® and topcoated with DELTRON® Basecoat prior to DC3000 Clearcoat. All resistance results were obtained after DC3000 had been allowed to dry approximately 72 hours at moderate temperatures (70 ℉ / 21 ℃).

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

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