

Deltron® High Velocity Clearcoat LV

DC3010

DC3010 is a high velocity, high quality clearcoat, specifically developed to enhance productivity in air-dry and low bake collision repair facilities.

Deltron® DC3010 high velocity clearcoat offers superior clarity, ease of application, extremely fast flash, out of dust and dry to polish times without sacrificing appearance or durability.

DC3010 is best suited for smaller spot repairs and 1 – 4 panel refinishing. While offering outstanding low bake performance, the superior speed of DC3010 makes it ideal for air-dry or low airflow, low temperature cure conditions.

DC3010 is designed to meet the most stringent VOC laws in Southern California.



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

Benefits

- More production
- Reduces cycle time

Compatible Surfaces

DC3010 may be applied over:

- *DELTRON®* (DBU) Universal Basecoat
- *DELTRON®* 2000 (DBC) Basecoat

Required Products

Hardener

Low Temperature	DCH3610 (55° – 75°F / 13° – 24°C)
Medium Temperature	DCH3620 (75° – 95°F / 24° – 35°C)
High Temperature	DCH3630 (95° F & above / 35°C & above)
Ultra High Temp Hardener LV	DCH3640 (95° F & above / 35°C & above)

DC3010

Directions for Use

Preparation:

Where VOC limits allow a maximum of 3.5 lbs./US Gal. for multi-stage systems, reduce DBU Color 100% 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 Ratio:



Standard Mix

DC3010	:	DCH3610/DCH3620
		DCH3630/DCH3640
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4	:	1



Pot life is 1½ – 2 hours at 70°F (21°C) for standard mix

Additives:



With DX814 Flexibilizer

DC3010	:	DCH3610/ DCH3620	:	SLV814
		DCH3630/DCH3640	:	
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3	:	1	:	½

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:	3.0 – 3.5 mils
Dried film build per coat:	1.2 – 1.4 mils

Directions for Use

Drying times:



Between coats:	3 – 5 minutes
Dust-free: 70°F / 21°C	5 – 10 minutes
Tack Free: 70°F / 21°C	30 minutes
Tape Time: 70°F / 21°C	4 – 6 hours



Air Dry: 70°F / 21°C	1½ – 2 hours
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Force Dry:	None
Purge	9 minutes @120°F (49°C)
Bake w/DCH3610	9 minutes @140°F (60°C)
Bake w/DCH3620, DCH3630 or DCH3640	9 minutes @140°F (60°C)



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



Polishing:	
Air Dry	1½ hours @ 70° F (21°C) w/DCH3610
	1½ hours @ 85° F (29°C) w/DCH3620
	1½ hours @ 95° F (35°C) w/DCH3630
	1½ hours @ 95° F (35°C) w/DCH3640
Force Dry	Immediately after cool down



Repair and Recoat:	Recoat after force dry and cooling cycle or 1½ hours air dry 70°F (21°C).
	Repair after force dry and cooling cycle or 4 – 6 hours air dry 70°F (21°C).
	DC3010 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.

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Technical Data:	RTS Combinations:	DC3010 : DCH36XX	DCU3010 : DCH36XX : SLV814
Volume Ratio:		4:1	3:1:1/2
Applicable Use Category		Clear Coating	Clear Coating (flexed)
VOC Actual		135 (g/L) 1.13 (lbs/gal)	120 (g/L) 1.01 (lbs/gal)
VOC Regulatory (less water less exempt)		248 (g/L) 2.07 (lbs/gal)	224 (g/L) 1.87 (lbs/gal)
Density		1098 (g/L) 9.16 (lbs/gal)	1117 (g/L) 9.32 (lbs/gal)
Volatiles wt. %		60.2	59.8
Water wt. %		0.0	0.0
Exempt wt. %		47.9	49.0
Water vol. %		0.0	0.0
Exempt vol. %		45.5	46.0
Solids vol. %		38.8	40.0
Sq Ft. Coverage / U.S.gal. (1 mil. @ 100% transfer efficiency)		622	642

Resistance Testing: Treated steel panels used for evaluation were primed with Original Equipment *UNIPRIME®*, *DELTRON®* Sealer and topcoated with *DELTRON®* Basecoat prior to DC3010 Clearcoat. All resistance results were obtained after DC3010 Clearcoat had been allowed to dry approximately 72 hours at moderate temperatures (70°F/21°C).

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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