

DC1100E

NCT (DC1100E) is designed for use over DELTRON® Basecoats. DC1100E when combined with the appropriate DC1200 Series Activators provides an extremely fast drying, durable clearcoat that matches the basecoat/clearcoat finish of all late model cars. This non-Iso containing clear is only for interiors such as door checks and trunks as used in most OEM assembly plants.

Features & Benefits

- Non-Iso clear
- Fast drying time

Compatible Surfaces

DC1100E may be applied over:

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

Required Products

Activators

DC1275 Spot Panel Activator 75-90°F (24-32°C) Overall 60-75°F (15-24°C)
 DC1290 Spot Panel Activator Above 90°F (32°C) Overall Above 75°F (24°C)

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 *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:**



Mix Ratio:

DC1100E : DC Activator
1 : 1



Pot Life:

4 hours at 70°F (21°C)

Note: Using more or less than the recommended amount of activator will negatively affect the performance of the system. If more reduction is desired, add up to 25% hot temperature DT Reducer.

**Air Pressure
& Spray Gun
Setup:**



HVLP:

8-10 psi at the air cap

Compliant:

35-40 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.

Application:



Apply:

3-4 wet coats

Dry film build per coat

1.0 mil

Application Viscosity:

16 seconds (#2 ZahnCup)

Drying Times:



Between Coats:

5-10 minutes at 70°F (21°C)

Dust Free:

10 minutes

Tack Free:

45-60 minutes

Tape Time:

24 hours



Air Dry:

overnight 16 hours at 70°F (21°C)



Force Dry:

Purge: 15 minutes at 70°F (21°C)

Bake: 40 minutes at 140°F (60°C)

Bake: 60 minutes at 120°F (49°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

Polishing:



Allow a minimum of 16 hours air dry, but preferably 24 hours air dry at 60°F (16°C) or higher before polishing. Use only fine polishing compounds. If force drying, allow the surface to cool completely before polishing.

**Recoat and
Repair:**



DC1100E may be repaired or recoated after 24 hours air dry at normal temperature 70°F (21°C) or after force drying and allowing the surface to cool.

**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:

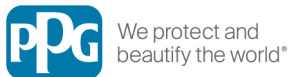
VOC lbs/U.S. gal	4.79
VOC (RTS) lbs/U.S. gal	5.52
Solids by Weight (clear only)	39%
Total Solids by Weight (RTS)	31%
Total % Solids by Volume (RTS)	26%
Sq. Ft. Coverage/US Gallon (1 mil 100% transfer efficiency)	417

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

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 direction, 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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