

### 3.5 VOC Compliant Clear

# DCD35

DCD35 3.5 Compliant Clear is designed to provide a compliant 3.5 VOC high quality urethane finish.

DCD35 is designed for use in air dry and force dry booths.



#### Features

- VOC Compliant
- Versatile
- High Solids

#### Advantages

- Meets Local Regulations
- Air Dry or Bake

#### Benefits

- Meets Present & Future Needs
- Fits Varying Shop Conditions
- High Productivity

#### Compatible Surfaces

DCD35 may be applied over:

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

#### Required Products

	Hardener
Urethane Hardener	DU5
Urethane Hardener	DU6

# DCD35

## Directions for Use

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:



DCD35	:	DU5 or DU6
2	:	1



Pot Life is 1.5 – 2 hours at 70°F (21°C) with DU5 or DU6 hardeners

### Additives:



DCD35 cannot be tinted.

Addition of up to 1 ounce **DX84 ENHANCER™** or **DX87** per ready-to-spray quart will increase VOC to 3.65 lbs./gal. and would not be recommended to maintain 3.5 VOC compliance.

**DX73 Fisheye Preventer** may be used 1/2 oz. per RTS qt.

### Application:



Apply: 2 wet coats with 15 minutes between coats.

### Air Pressure:

HVLP:	8 – 10 PSI at the 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:	2.0 – 2.6 mils
Dried Film Build Per Coat:	1.0 – 1.3 mils

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## Directions for Use

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### Drying times:

	Between coats	15 minutes
	Dust-free 70°F / 21°C	30 – 45 minutes
	Tack Free 70°F / 21°C	2 – 3 hours
	Tape Time 70°F / 21°C	16 hours or overnight
	Air Dry 70°F / 21°C	16 hours or overnight
	Force Dry:	
	Purge Bake	20 minutes @ 70 – 90°F (21 – 32°C) 40 minutes @ 140°F (60°C)
	IR (Infrared)	
	IR medium wave IR short wave	15 minutes 8 minutes
	Polishing:	Allow 24 hours before polishing air dried DCD35 or force dry for 30 minutes @ 150°F (65°C) and allow to cool 1 hour before polishing
	Repair and Recoat:	After force dry and cooling cycle or after 24 hours air dry 70°F (21°C) at 3.5 VOC application If DCD35 is sanded through to the DBC Basecoat, then the repair must be sealed to avoid lifting.

**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.

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### Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG General Purpose Solvent.

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### Technical Data:

VOC (Package)	3.29 lbs / U.S.Gal
VOC (Applied 2 : 1)	3.5 lbs / U.S.Gal
Total Solids by Volume (Applied 2 : 1)	51.61%
Sq. Ft Coverage / US Gal @ 1 mil 100% transfer efficiency (Applied 2 : 1)	828 Sq. Ft.

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**Resistance Testing:**

Treated steel panels used for evaluation were primed with Original Equipment *UNIPRIME*<sup>®</sup>, *DELTRON* Sealer and topcoated with *DELTRON* Basecoat prior to DCD35 Clearcoat. All resistance results were obtained after DCD35 Clearcoat had been allowed to dry approximately 72 hours at moderate temperatures (70°F/21°C).

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**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.

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**See Material Safety Data Sheet and Labels for additional safety information and handling instructions.**

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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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