



## DURETHANE® Polyurethane Clear System

P-147

# DU1000

DU1000 DURETHANE® Clear is designed to maximize gloss and durability and provide a glamour appearance when applied over *Durethane* Polyurethane Color.



### Compatible Surfaces

*Durethane* Clear may be used over:

- DELTRON® 2000 DBC Basecoat

### Required Products

#### Hardeners

- DU5 Urethane Hardener 70-85°F (21-29°C)  
DU6 Urethane Hardener 85°F and above (29°C and above)

#### Reducers

- DT860 Cool Temperature Reducer 60-70°F (16-21°C)  
DT870 Medium Temperature Reducer 65-80°F (18-27°C)  
DT885 Warm Temperature Reducer 75-90°F (24-32°C)  
DT895 Hot Temperature Reducer 85°F (29°C) and above  
DT898 Hot Temperature Reducer 90°F (35°C) and above

Refer to TB-014NR *Deltron* Reducer Selection Guide available at [ppgrefinish.com](http://ppgrefinish.com)

# DU1000

**Surface Preparation:**

DU1000 is designed to be applied over properly cleaned and prepared surfaces.

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

**Mix Ratio:**



<b>DU1000</b>	:	<b>DU Hardener</b>	:	<b>DT Reducer</b>
<b>1</b>	:	<b>1</b>	:	<b>½</b>

DT8110 Retarder can be used above 85°F (29°C) Do not use as a reducer, (may be mixed with DT895 up to 25%)



**Pot Life:** 6 hours at 70°F (21°C)  
Pot life will decrease as the temperature increases.

**Additives:**



**DX73 Fisheye Eliminator:** up to 0.5 oz. to RTS quart.

Silicone additives should never be used unless absolutely necessary because the flow-out of paint is decreased in direct relation to the amount used.

DU1000 does not require a flexible additive

**Air Pressure and Spraygun Set-Up:**



**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 spraygun manufacturer's recommendations for inlet air pressures.

**Application:**



**Apply:** 2 wet coats  
**Spray Viscosity:** 15-17 seconds #2 Zahn  
**Dry film build per coat:** 1.7-2.0 mils

**Drying Times:**



**Between Coats:** 20 minutes at 70°F (21°C)  
(No longer than 2 hours or lifting may occur)

Note: DU1000 Durethane Clear System is designed to work best at temperatures between 70-85°F (21-29°C).



**Air Dry:**  
**Dust Free:** 45 minutes at 70°F (21°C)  
**Tape Time:** 8 hours at 70°F (21°C)



**Force Dry:**  
**Purge Time:** 15-20 minutes at 70°F (21°C)  
**Bake:** 50 minutes at 160°F (71°C)

**Polishing:**



After 24 hours at 70°F (21°C) DU1000 may be sanded if desired using ultra fine paper prior to compounding.  
**After 72 hours DU1000 will become too hard to polish properly.**

**Recoat:**



**Recoat:** May be recoated or clearcoated for up to 1 week without sanding, after 1 week the color and clear must be sanded prior to applying additional coats.

**Put in service:** After at least 24 hours at 70°F (21°C) or after force dry and cool down.

**Equipment Cleaning:**

Spray guns, gun cups, storage pots, etc., should be cleaned thoroughly after each use with any appropriate PPG general purpose solvent.

# DU1000

<b>Technical Data:</b>	DU1000	
	VOC Package	4.46 maximum lbs./ US Gal.
	VOC RTS	4.74 maximum lbs./ US Gal.
	Total Solids by Volume (RTS)	33.5%
	Total Solids by Weight (RTS)	34.1%
	Sq. Ft. Coverage / US Gallon (1 mil at 100% transfer efficiency)	539
	Recommended dry film	1.7-2.0 mils

### 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.

PPG Automotive Refinish  
19699 Progress Drive  
Strongsville, OH 44149  
800.647.6050

PPG Canada Inc.  
2301 Royal Windsor Drive, Unit #6  
Mississauga, Ontario L5J 1K5  
888.310.4762

Follow us online:  

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