



**Delta® Anit-Graffiti Clearcoat**

# DU1001

DU1001 Anti-Graffiti Clear offers outstanding chemical and graffiti resistance. The hard, diamond-like film makes this clear an excellent choice for transit fleets, streetcars, light rail units and urban delivery vehicles where pollution, graffiti or chemical exposure may be present.

**Features**

- Excellent Film Hardness
- Graffiti Resistant

**Advantages**

- More Durable Finish
- Easy Graffiti Removal
- Higher Film Build Per Coat

**Benefits**

- Better Appearance/Image
- Lower Maintenance Costs
- Saves Labor Costs

**NOTE:**

Please make sure the use of this product is allowed under your local AQMD regulations

**Compatible Surfaces**

**DU1001 may be applied over:**

- *Delta*® 2800 DHS 2.8 VOC Polyurethane
- *Delta*® 3500 DUHS 3.5 VOC Polyurethane
- *Delta*® DGHS Chemical Resistant Polyurethane 3.5 VOC
- *Delta*® DGHS Chemical Resistant Polyurethane 4.4 VOC
- *Delta*® DUHS Basecoat (with DHSX589)
- *Delta*® DFHS High Solids Urethane
- *Delta*® DVHS Fast Dry 2.8 VOC Polyurethane
- *Delta*® DSS Medium Solids Polyurethane

**DRS Reducers**

Reducer – Cool Temperature (60-70°F)	DRS1460
Reducer – Medium Temperature (65-80°F)	DRS1470
Reducer – Warm Temperature (75-90°F)	DRS1485
Reducer - Hot Temperature (85°F and above)	DRS1495
Retarder/Reducer – Hot Temperature	DRS1498

**Hardener**

Hardener	DDH525
Hardener	DDH526

# DU1001

## Application Guide

### Mixing Ratio:



DU1001	:	DRS Reducer	:	DDH525 or DDH526
1 part	:	1/2 part	:	1 part

### Pot life:



4 - 5 hours @ 70°F and 50% RH  
(High heat and humidity will shorten pot life)

### Additives:



Accelerator:	No Recommendation
Extender:	No Recommendation
Fisheye:	No Recommendation
Flex:	No Recommendation
Flattening:	No Recommendation

### Spray gun set-up:



Fluid Tip:	1.0 - 1.2 mm for Pressure Feed/HVLP 1.2 - 1.5 mm for Conventional Feed/HVLP
Air Pressure:	HVLP at air cap 10 PSI Conventional at spray gun 45 - 60 PSI

*Consult the Fleet Training Manual Spray Equipment section for gun set-up requirements.*

### Minimum number of coats:



2 coats

### Total film build per coat:

	<u>Wet</u>	<u>Dry</u>
Minimum	1.4 mils	1.0 mils
Maximum	1.8 mils	1.3 mils

### Flash Time at 70°F:



Between coats	10 - 15 minutes
Before force drying	15 - 20 minutes

## Application Guide

### Drying times:



	Air Dry @ 70°F	Force Dry**
Dust:	1 – 1.5 hours	Flash 10 minutes
Tack:	4 hours	30 min. @ 120°F
Tape:	6 hours	10 min. @ 180°F

\*\* Force drying times are for quoted surface temperature. Additional time should be allowed in the force-drying schedule to allow surface to reach recommended temperature.

Recoat time: 10 - 15 minutes minimum dry and up to 8 hours maximum at 70°F before sanding is required.

Repair time: 8 hours @ 70°F Air Dry 30 minutes after force dried/cool down period.

Polish: 24 hours @ 70°F

### Test Properties:

VOC Packaged	4.5 lbs./gal. or 540 g/l
VOC DDH525/526	3.59 lbs./gal. or 431g/l
VOC DRS Reducer	7.04 lbs./gal. or 845 g/l
VOC RTS Applied	4.65 lbs./gal. or 558 g/l
Volume Solids (RTS)	34.1%
Square Foot Coverage (RTS US Gallon 100% Transfer Efficiency)	546 sq. ft.
Gloss (20 degree)	85%
Gloss Retention (1000 hrs. QUV)	85%
Pencil Hardness*	(hb)

\* Film properties, including pencil hardness are given where ultimate air cure is reached, usually 7 days.

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## Instant Reference

### How to Mix:



DU1001 : DRS Reducer : DDH525 or DDH526  
1 part : 1/2 part : 1 part

### Pot life:



4 - 5 hours @ 70°F and 50% RH  
(High heat and humidity will shorten pot life)

### Spray gun set-up:



HVLP: 10 PSI  
Conventional: 45 - 60 PSI  
Fluid Tip: 1.0 - 1.2 mm for Pressure Feed/HVLP  
1.2 - 1.5 mm for Conventional Feed/HVLP

### Application:



Apply: 2 coats  
Between Coats: 10 - 15 minutes  
Before force dry: 15 - 20 minutes

### Drying times:



	Air Dry @ 70°F	Force Dry**
Dust:	1 - 1.5 hours	Flash 10 minutes
Tack:	4 hours	30 min. @ 120°F
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For additional information, refer back to the complete FL603 bulletin.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (304) 843-1300; 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 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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PPG Industries  
19699 Progress Drive  
Strongsville, OH 44149

PPG Canada Inc.  
1330 Castlefield Avenue  
Toronto, Ontario M6B 4B3