DCU2070 Urethane Clear is a premium-quality urethane clear designed for use over Delta® topcoat systems. This product offers gloss and durability features that meet demanding fleet requirements. A selection of hardeners, accelerator, and reducer options make DCU2070 suitable for spot, panel and overall use. Delta® Urethane Clear applies easily and dries quickly, making it an ideal choice in high productivity fleet repair centers.

<table>
<thead>
<tr>
<th>Features</th>
<th>Advantages</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Excellent gloss and leveling</td>
<td>• Better appearance</td>
<td>• Increased customer</td>
</tr>
<tr>
<td>• Easy to apply</td>
<td>• Less labor time</td>
<td>satisfaction</td>
</tr>
<tr>
<td>• Excellent durability</td>
<td>• Longer lasting finish</td>
<td>• Better productivity</td>
</tr>
<tr>
<td>• Panel or overall use</td>
<td>• Fewer products needed</td>
<td>• Longer repaint cycles</td>
</tr>
</tbody>
</table>

Compatible Surfaces
Delta® DCU 2070 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
- Delta® DFHS High Solids Urethane
- Delta® DVHS Fast Dry 2.8 VOC Polyurethane
- Delta® DSS Medium Solids Polyurethane

*VOC of combined colorcoat/clearcoat system may not meet VOC regulations in all areas. Consult local regulations.

DRS Reducers
- Reducer - Fast (60-70°F) DRS1460
- Reducer - Medium (65-80°F) DRS1470
- Reducer - Slow (75-90°F) DRS1485
- Reducer - Hot Temperature (85°F and above) DRS1495
- Retarder/Reducer DRS1498

Hardener
- Urethane Clear Hardener DCX2071
- High Performance Hardener DCX2072

Required Additive Options
- Accelerator DX39
- Extender DX53

PPG Industries, 19699 Progress Dr., Strongsville, OH 44136 © 1999 PPG Industries 1/99
APPLICATION GUIDE

Mixing Ratio:

DCU2070 : DRS Reducers : + DX39/DX53

4 parts : 1 part : 2 parts + 4 oz. per RTS gal.

Extreme high temperatures may require use of DX53 instead of DX39 to prevent solvent popping.

Hardener Selection

DCX2071 Use when finish will be buffed.
DCX2072 Use when increased chemical and abrasion resistance is required.

Pot life:

1 1/2 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

Spraygun set-up:

Fluid Tip
1.0 - 1.4 mm for Pressure Feed/HVLP
1.3 - 1.5 mm for Conventional Feed/HVLP

Air Pressure
HVLP at air cap 10 PSI
Conventional at spray gun 55-60 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:

<table>
<thead>
<tr>
<th></th>
<th>Wet</th>
<th>Dry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>1.9 mils</td>
<td>1.0 mils</td>
</tr>
<tr>
<td>Maximum</td>
<td>2.5 mils</td>
<td>1.3 mils</td>
</tr>
</tbody>
</table>

Flash Time at 70°F:

Between coats 10-15 minutes
Before force drying 0-5 minutes
Drying times:

With DCX2071

<table>
<thead>
<tr>
<th></th>
<th>Air Dry @ 70°F with DX39</th>
<th>Air Dry @ 70°F with DX53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust</td>
<td>45 minutes</td>
<td>Dust 45 minutes</td>
</tr>
<tr>
<td>Tack</td>
<td>1 hour</td>
<td>Tack 1-2 hour</td>
</tr>
<tr>
<td>Tape</td>
<td>3 hours</td>
<td>Tape 4-5 hours</td>
</tr>
</tbody>
</table>

With DCX2072

<table>
<thead>
<tr>
<th></th>
<th>Air Dry @ 70°F with DX39</th>
<th>Air Dry @ 70°F with DX53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dust</td>
<td>30-40 minutes</td>
<td>Dust 45 minutes</td>
</tr>
<tr>
<td>Tack</td>
<td>45 minutes</td>
<td>Tack 1 hour</td>
</tr>
<tr>
<td>Tape</td>
<td>1-2 hours</td>
<td>Tape 2 hours</td>
</tr>
</tbody>
</table>

Pot life:

- 1-1½ hours
- 3-4 hours

**Force Dry**

<table>
<thead>
<tr>
<th></th>
<th>with DX39/DX53</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash</td>
<td>10 minutes</td>
</tr>
<tr>
<td>30 minutes @ 140°F</td>
<td></td>
</tr>
<tr>
<td>10 minutes @ 180°F</td>
<td></td>
</tr>
</tbody>
</table>

** 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:

- 4 hours @ 70°F Air Dry

Repair time:

- 6 hours @ 70°F Air Dry
- 4 hours after force drying.

Polish:

- 4-6 hours @ 70°F. Use DCX2071 when polishing is required. Polish within 24 hours.

**TEST PROPERTIES**

<table>
<thead>
<tr>
<th></th>
<th>DCX2071</th>
<th>DCX2072</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC Packaged</td>
<td>3.3 lbs. per U.S. gal.</td>
<td>3.3 lbs. per U.S. gal.</td>
</tr>
<tr>
<td>VOC RTS Applied</td>
<td>3.5 lbs. per U.S. gal.</td>
<td>3.5 lbs. per U.S. gal.</td>
</tr>
<tr>
<td>Volume Solids (RTS)</td>
<td>51.5%</td>
<td>50.5%</td>
</tr>
<tr>
<td>Square Foot Coverage (RTS US Gallon)</td>
<td>826 sq. ft.</td>
<td>811 sq. ft.</td>
</tr>
<tr>
<td>Gloss (20 degree)</td>
<td>85%</td>
<td>85%</td>
</tr>
<tr>
<td>Gloss Retention (1000 hrs. QUV)</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Pencil Hardness*</td>
<td>(2B-B)</td>
<td>(2B-B)</td>
</tr>
</tbody>
</table>

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

How to Mix:

Mix DCU2070

DCU2070 : DRS Reducer : DCX2071/ + DX39/DX53
DCX2072

4 : 1 : 2 + 4 oz./RTS gal.

Pot life: 3-4 hours at 70°F with DX53
1-1 1/2 hours at 70°F with DX39

Air Pressure:

HVLP: 10 PSI at the air cap
Conventional: 55-60 PSI at the gun
Fluid tip: 1.0 -1.4 mm for Pressure Feed/HVLP
1.3 -1.5 mm for Conventional Feed/HVLP

Application:

Apply: 2 coats

Dry Time:

Between coats: 10-15 minutes

With DCX2071 Air Dry @ 70°F
Air Dry @ 70°F
with DX39 with DX53
Dust 45 minutes Dust 45 minutes
Tack 1 hour Tack 1-2 hours
Tape 3 hours Tape 4-5 hours

With DCX2072 Air Dry @ 70°F
Air Dry @ 70°F
with DX39 with DX53
Dust 30-40 minutes Dust 45 minutes
Tack 45 minutes Tack 1 hour
Tape 1-2 hours Tape 2 hours

Force Dry
with DX39/DX53
Flash 10 minutes
30 minutes @ 140°F
10 minutes @ 180°F

PRODUCTS NEEDED FOR JOB

For additional information,
refer back to the complete FL600
HEALTH AND SAFETY

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

Emergency Medical or Spill Control Information (304) 843-1300; In Canada (514) 645-1320