DELTRON

P-217

Flexed "N" Flat™ Clear

DCU2060

DCU2060 Clear offers a pre-flattened, pre-flexed clear in one product. It can be used with a variety of PPG clears to achieve the increased gloss levels desired. DCU2060 is used in some low gloss clear formulas to match OEM low gloss requirements.
This product will allow the blended clear to fit the "Specialty Coating" category in VOC regulated areas under both anti-glare safety and elastomeric coating designations.

Features

- One Product Flatten & Flex
- Mixes With Other Clears

Advantages

- Eliminates Extra Products
- Air Dry or Bake
- 2 Coat Application

Benefits

- Easy Mixing
- Fits Many Conditions
- High Productivity

Compatible Surfaces

DCU2060 may be applied over:

- *Deltron*® (DBU) Universal Basecoat
- *Deltron*® 2000 (DBC) Basecoat
- *Concept*® (DCC) Acrylic Urethane

Required Products

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

Hardeners	
High Solids Hardener	DCX9
High Solids Hardener	DCX61
2.1 Speed Clear Fast Hardener	DCX2012
Low Temperature	DCH3070
Medium Temperature	DCH3085
High Temperature	DCH3095
Low Temperature LV	DCH3510
Medium Temperature LV	DCH3520
High Temperature LV	DCH3530

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DCU2060

Directions for Use

Preparation:

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 Colors).

***Note**: For optimum performance and to maintain consistent gloss levels, mixed product should be thoroughly agitated and kept agitated periodically during the application.*

Mixing Ratio:

Flat (0-5% gloss)

DCU2060	:	DT Reducer	:	DCX9 or DCX61
6	:	1	:	1

***Note**: Mixed product should be shaken well before and during application.*

Pot life of this mixture is 2 hours at 70°F (21°C) for standard mix

**To achieve higher gloss finishes, blend DCU 2060 with the clears listed on the tables found below (page 2 and 3). The blend must then be mixed using the blended ratio following the tables:*

DCU2060 Blending by Weight:

	DCU Clear	Hardener/ Activator	Gloss	Parts by Weight of DCU2060	Parts by Weight of DCU/DC Clear
Eggshell (20%-30% Gloss)	2002, 2021, 2042, 2082	DCX9	Eggshell	90	10
	2002, 2021, 2042, 2082	DCX61	Eggshell	95	5
	2010	DCX2012	Eggshell	90	10
	2035	DCX9 or DCX61	Eggshell	95	5
	2055	DCX9	Eggshell	95	5
	2055	DCX61	Eggshell	97	3
	DC3000	DCH30XX	Eggshell	92	8
	DC4000	DCH30XX	Eggshell	92	8
	DC3010	DCH35XX	Eggshell	92	8
	DC4010	DCH35XX	Eggshell	95	5
Semigloss (50%-60% Gloss)	2002, 2021, 2042, 2082	DCX9	Semi gloss	80	20
	2002, 2021, 2042, 2082	DCX61	Semi gloss	85	15
	2010	DCX2012	Semi gloss	80	20
	2035	DCX9 or DCX61	Semi gloss	90	10
	2055	DCX9	Semi gloss	90	10
	2055	DCX61	Semi gloss	93	7
	DC3000	DCH30XX	Semi gloss	84	16
	DC4000	DCH30XX	Semi gloss	90	10
	DC3010	DCH35XX	Semi gloss	84	16
	DC4010	DCH35XX	Semi gloss	80	20

DCU 2060 Blending by Volume:

	DCU Clear	Hardener	Gloss	Parts by Volume of DCU2060	Parts by Volume of DCU/DC Clear
Eggshell (20%-30% Gloss)	2002, 2021, 2042, 2082	DCX9	Eggshell	9 1/2	1
	2002, 2021, 2042, 2082	DCX61	Eggshell	10	1/2
	2010	DCX2012	Eggshell	9	1
	2035	DCX9 or DCX61	Eggshell	10	1/2
	2055	DCX9	Eggshell	10	1/2
	2055	DCX61	Eggshell	10	1/3
	DC3000	DCH30XX	Eggshell	7 1/3	2/3
	DC4000	DCH30XX	Eggshell	7	1/4
	DC3010	DCH35XX	Eggshell	9	1
	DC4010	DCH35XX	Eggshell	7	3

Directions for Use

DCU 2060 Blending by Volume Continued:

	DCU Clear	Hardener	Gloss	Parts by Volume of DCU2060	Parts by Volume of DCU/DC Clear
Semigloss (50%-60% Gloss)	2002, 2021, 2042, 2082	DCX9	Semi gloss	8 1/2	2
	2002, 2021, 2042, 2082	DCX61	Semi gloss	9	1 1/2
	2010	DCX2012	Semi gloss	8 1/2	2
	2035	DCX9 or DCX61	Semi gloss	9 1/2	1
	2055	DCX9	Semi gloss	9 1/2	1
	2055	DCX61	Semi gloss	10	3/4
	DC3000	DCH30XX	Semi gloss	6 2/3	1 1/3
	DC4000	DCH30XX	Semi gloss	6 1/2	3/4
	DC3010	DCH35XX	Semi gloss	8 1/2	1 1/2
	DC4010	DCH35XX	Semi gloss	8	2

**After blending DCU 2060 with the clears listed on the above tables, the blend must be mixed using the following ratio:*

***Blended Mix Ratio:**

Blended DCU2060/DCU or DC Clear	:	DT Reducer	:	Appropriate Hardener for Chosen DCU or DC Clear
4	:	1	:	1

Pot life of this mixture is 4 – 5 hours at 70°F (21°C)

Additives:

DX 84 ENHANCER™ or DX 87 Extender may be added up to 1/2 oz RTS Qt.
Except in DC3000, DC3010, DC4000 & DC4010, DCU 2060 **can not** be tinted.

Application Coats:

Apply: 2 coats

Air Pressure:

HVLP	10 psi at the air cap
Conventional	45 – 50 psi at the gun

Spraygun Set-up:

Fluid Tip:	1.3 – 1.6 mm or equivalent
Film Build Per Wet Coat:	3.4 mils (blends vary depending on clear mix)
Dried Film Build Per Coat:	1.0 – 1.5 mil

Drying Times:

Between Coats:	5 – 10 minutes
Dust:	
70°F (21°C)	10 – 15 minutes
Tack:	
70°F (21°C)	30 – 35 minutes
Tape:	
70°F (21°C)	6 – 7 hours
Air Dry:	
70°F (21°C)	8 hours
Force Dry:	
Purge	0 – 15 minutes
140°F (60°C)	15 – 20 minutes
IR (Infrared):	
Medium Wave	5 minute half bake, 9 minutes full
Short Wave	5 minutes
Polishing:	Buffing or polishing Flexed "N" Flat Clear **is not** recommended, it will raise the gloss level.
Repair and Recoat:	Can be recoated after force dry/cooling cycle or a 4 – 6 hour air dry at 70°F (21°C). Can be repaired after force dry/cool cycle or 6 – 8 hrs. air dry at 70°F (21°C).

DCU2060

Flexed "N" Flat™ Clear

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 (Package)	5.36 lbs / U.S.Gal
VOC (6:1:1) (DCX9/DCX61)	5.08 lbs/U.S. Gal
Total Solids by Volume (applied @ 6:1:1)	29.33%
Sq. Ft Coverage / US Gal (applied @ 6:1:1)	471 @ 1 mil, 100% transfer efficiency

Resistance Testing:

Treated steel panels used for evaluation were primed with OEM primed panels and topcoated with *Deltron*® Basecoat prior to DCU2060 Clearcoat. All resistance results were obtained after DCU2060 Clearcoat had been allowed to dry approximately 72 hours to 7 days at moderate temperatures (70°F/21°C).

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.

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

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

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