

All Purpose Flattening Base**Urethane Flattening Agent**

DX265

DX685

DX265 All Purpose Flattening Base is used with *DURACRYL*[®] Acrylic Lacquer (DDL) and *DELSTAR*[®] Acrylic Enamel (DAR) in intermix color formulas.

DX265 can also be used for flattening intermix or factory packaged colors. Do not use DX265 when a polyurethane additive is used (use DX685).

DX685 Urethane Flattening Agent

is designed for use in two component/catalyzed PPG Finishes to produce a flat, eggshell or semi-gloss appearance.

Directions For Use of DX265

The following chart indicates the percentage of DX265 needed to be added to DDL or DAR color to achieve varying degrees of flatness. Unless otherwise specified, the types of thinner used for a particular system will appear on the P-Bulletin for that system. Changing the amount of color will increase or decrease the number of ounces of DX685 and thinner in proportion to the chart shown.

Based on a 60° Gloss Meter

Flat = 0 – 5° Gloss

Eggshell = 20 – 30° Gloss

Semi-gloss = 50 – 60° Gloss

Color or Clear System	Gloss	% of DX265	DX265 to Color	Add % DTL	DTL to Flattened Mix	Bulletin #
DURACRYL [®] Acrylic Lacquer (DDL)	Flat	66.7	2 qt. to 3 qt.	75	3 qt. to 4 qt.	P-148
	Eggshell	33.3	1 qt. to 3 qt.	100	1 qt. to 1 qt.	
	Semi-gloss	25	1 qt. to 4 qt.	100	1 qt. to 1 qt.	
DELSTAR [®] (DAR)	Flat	75	3 qt. to 4 qt.	DAR Acrylic Enamel Reduce All Flattened Mixes 25% with DTR Reducers (4:1)		P-137
	Eggshell	50	1 qt. to 3 qt.			
	Semi-gloss	33	1 qt. to 3 qt.			

Note: DX265 contains solvent and thins the product in which it is used. When thinning *DURACRYL*, use a smaller amount of DTL Thinner as shown in the above table. Reduce *DELSTAR* as shown at the bottom of the right hand column.



Directions for Use of DX685

The following chart indicates the number of ounces of DX685, reducer and hardener to be added to **1 quart (32 oz.)** of color or clear to achieve varying degrees of flatness. Unless otherwise specified, the types of reducer and hardener used for a particular system will appear on the P-Bulletin for that system. Changing the amount of color or clear will increase or decrease the number of ounces of DX685, reducer and hardener in proportion to the chart shown.

Based on a 60° Gloss Meter

Flat = 0 – 5° Gloss Eggshell = 20 – 30° Gloss Semi-gloss = 50 – 60° Gloss

Color or Clear System	Gloss	Ounces of DX685	Ounces of Reducer	Ounces of Hardener	Bulletin #
CONCEPT® 2K (DCC/DU)	Flat	28	–	<u>DU5 or DU6</u> 16	P-168
	Eggshell	23	–	16	
	Semi-gloss	18	–	16	
CONCEPT® 2K (DCC/DCX)	Flat	30	–	<u>DCX9 or DCX61</u> 8	P-168
	Eggshell	22	–	8	
	Semi-gloss	20	–	8	
DELSTAR®/DELTHANE®	Flat	25	<u>DTR's</u> 5	<u>DU5 or DU6</u> 16	P-137
	Eggshell	13	8	16	
	Semi-gloss	8	11	16	
DAU75	Flat	8	–	<u>DXR80</u> 2	P-110
	Eggshell	7	–	2	
	Semi-gloss	5	–	2	
DCD35/DU5 or DU6	Flat	33	–	<u>DU5 or DU6</u> 18	P-186
	Eggshell	26	–	18	
	Semi-gloss	16	–	18	
DCU2002/DCX Hardener	Flat	28	–	<u>DCX9 or DCX61</u> 8	P-200
	Eggshell	23	–	8	
	Semi-gloss	21	–	8	
DCU2021/DCX Hardener	Flat	28	–	<u>DCX9 or DCX61</u> 8	P-199
	Eggshell	20	–	8	
	Semi-gloss	12	–	8	
DCU2035	Flat	36	–	<u>DCX8, 9 or 61</u> 16	P-203
	Eggshell	32	–	16	
	Semi-gloss	29	–	16	
DU1000 or DU1001	Flat	36	–	<u>DU5 or DU6</u> 32	P-147
	Eggshell	30	–	32	
	Semi-gloss	22	–	32	

Directions for Use of DX685 continued

Color or Clear System	Gloss	Ounces of DX685	Ounces of Reducer	Ounces of Hardener	Bulletin #
DCU2042	Flat	29	–	<u>DCX61</u> 10	P-216P, 216CA
	Eggshell	26	–	10	
	Semi-gloss	12	–	10	
DCU2082	Flat	37	–	<u>DCH2084</u> 18	P-221
	Eggshell	25	–	18	
	Semi-gloss	16	–	18	
DCU3000	Flat	26	–	<u>DCH30xx</u> 15	P-236
	Eggshell	19	–	13	
	Semi-gloss	11	–	11	
DCU2010	Flat	24	–	<u>DCX2012</u> 9	P-228CA
	Eggshell	17	–	9	
	Semi-gloss	10	–	9	
DC4000	Flat	28	–	<u>DCH30xx</u> 17	P-241
	Eggshell	24	–	16	
	Semi-gloss	21	–	15	
DCU2055	Flat	32	<u>DT870</u> 9	<u>DCX61</u> 12	P-218
	Eggshell	29	9	12	
	Semi-gloss	21	9	12	

Drying times:



Follow normal dry times for clear as shown on the specific P-Bulletin.

Cautions:

DX685 contains solvents and lowers the amount of reducer required to obtain normal spraying viscosity.

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Equipment Cleaning:

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

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

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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