

## Glamour LV Clearcoat

EU-147

# D8188



### Product Description:

GLOBAL REFINISH SYSTEM™ D8188 Glamour LV Clearcoat is a 2.1 VOC high solids appearance clearcoat providing ultimate depth and gloss.

D8188 is designed for use over *Global Refinish System BC* (see data sheet EU02). It provides a fast, easy to apply high gloss and durable finish. The combination of hardeners allows D8188 versatility for a variety of uses.

### Preparation of Substrate:



- In all cases, wash surfaces to be painted with soap and water, then apply the appropriate PPG substrate cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Wet sand with European P800-P1200 / US 500-600 grade paper or dry sand with European P600-P800 / US 400-500 grade paper.
- Wash off residue and dry thoroughly before recleaning with the appropriate PPG substrate cleaner. The use of a tack rag is recommended.

### Required Products

#### Hardener

D8382\* Glamour LV Express Hardener 60-70°F (15-21°C)  
D8383 Glamour LV Fast Hardener 70-85°F (21-29°C)  
D8384 Glamour LV Medium Hardener 85-95°F (29-35°C)  
D8385 Glamour LV Slow Hardener 95°F (35°C) and above

#### Thinner

D8767 Slow Compliant Thinner

*\*More applicable for small parts*

*Hardener selection may be dependent on the size of the repair.*

## D8188

## Mix Ratios:



D8188	3 vols.
D838x Hardener	1 vol.
D8767 Thinner	+10 %

Use temperature guide to determine the proper hardener and thinner needed for your application

## Pot Life:



3-4 hours at 68°F (20°C) (D8383, D8384, D8385 Hardeners)
2-3 hours at 68°F (20°C) (D8382 Hardener)

## Additives:



<b>SLV4985 Flattening Agent:</b>	See ONECHOICE® OC-7
<b>SL93LV Accelerator:</b>	Add 2% to RTS
<b>SLV814 Universal Flexibilizer:</b>	D8188 : D838x : D8767 : SLV814
	2 : 1 : 10% : 1

## Spraygun Setup:



<b>Fluid Tip:</b>	1.3-1.6 mm or equivalent
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## Spray Pressure:

<b>HVLP:</b>	10 psi at the air cap
<b>Compliant:</b>	29-40 psi at the gun

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

## Number of Coats:



<b>Apply:</b>	2 wet coats
<b>Dry film build per coat:</b>	1.0-1.5 mils
<b>Maximum dry film build:</b>	3.0 mils

## Drying Times:



<b>Between Coats:</b> 68°F (20°C)	5-10 minutes
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<b>Dust Free:</b> 68°F (20°C)	20-60 minutes
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<b>Dry to Handle:</b> 68°F (20°C)	4-6 hours
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<b>Air Dry:</b> 68°F (20°C)	16 hours
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<b>Force Dry*:</b> 140°F (60°C)	No purge time 15 minutes when using D8382 20 minutes when using D8383 30 minutes when using D8384 40 minutes when using D8385
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<b>IR:</b>	
<b>Medium Wave:</b>	5 minutes 1/2 bake 9 minutes full bake
<b>Short Wave:</b>	5 minutes

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

## D8188

## Overcoat/Recoat



**Overcoat/Recoat Time:** 16 hours at 68°F (20°C) or after force dry/cool down.  
D8188 must be sanded before recoating with primer, colour or clear.



**Grade Wet:** European P800-P1200 / US 500-600  
**Grade Dry:** European P600-P800 / US 400-500

**Overcoat with:** Global Refinish System BC basecoat, ENVIROBASE® High Performance basecoat.

*Recoat times will be extended at lower temperatures.*

## Polishing:



Polishing is not normally required.

- After 24 hours at 68°F (20°C) D8188 Glamour LV Clearcoat can be lightly de-nibbed with 2000 grit sandpaper and compounded.
- Use a foam pad with a minor cutting compound to remove any minor imperfections.

## Equipment Cleaning:

Spray guns, gun cups, storage pots, etc. should be cleaned thoroughly after each use with any PPG general purpose solvent, lacquer thinner or D87x Thinner.

## Technical Data

RTS Combinations	D8188 : D838x + D8767	D8188 : D838x + D8767 + SL93LV	D8188 : D838x :+ D8767 : SLV814
Volume Ratio	3 : 1 +10%	3 : 1 +10% + 2%	2 : 1 +10% : 1
Applicable Use Category	Clear Coating	Clear Coating	Clear Coating (flexed)
VOC Actual g/L	126-129	127	113-116
VOC Actual lbs./ US gal.	1.05-1.08	1.06	0.94-0.97
VOC Regulatory (less water less exemptions) g/L	244-247	246	226-229
VOC Regulatory (less water less exemptions) lbs./ US gal	2.04-2.06	2.05	1.89-1.91
Density g/L	1188-1192	1190-1191	1192-1196
Density lbs./ US gal	9.91-9.95	9.93-9.94	9.95-9.98
Volatiles wt. %	64.4-65.2	65.1-65.2	65.3-65.8
Water wt. %	0	0	0
Exempt wt. %	53.4-54.6	54.5	55.6-56.4
Water vol. %	0	0	0
Exempt vol. %	47.4-48.5	48.3-48.5	49.5-50.3
Solids wt. %	34.8-35.6	34.8-34.9	34.2-34.7
Solids vol. %	36.8-37.6	36.9	36.6-37.1
Sq. Ft. Coverage / US gal. 1 mil at 100% transfer efficiency	590-603	592	588-595

## D8188

## Health and Safety:



- The contents of this package may have to 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 and SDS's of all the components, since the mixture will have the hazards of all of its parts.
- Improper handling and use, for example, poor spray technique, inadequate engineering controls and/or lack of proper Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- Provide adequate ventilation for health and fire hazard control.
- Follow company policy, product SDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on SDS.
- Always observe all applicable precautions and follow good safety and hygiene practices.

**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.

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Product Information Effective 04/17

## Glamour LV Clearcoat

**Mix:****D8188****3****:****D838x Hardener****1****+****D8767 Thinner****10%****Hardener Selection**

D8382 Glamour LV Express Hardener 60-70°F (15-21°C)  
 D8383 Glamour LV Fast Hardener 70-85°F (21-29°C)  
 D8384 Glamour LV Medium Hardener 85-95°F (29-35°C)  
 D8385 Glamour LV Slow Hardener 95°F (35°C) and above

**Additives:**

SLV4985 Flattening Agent:

See OC-7

SLV814 Universal Flexibilizer:

D8188	:	D838x	:	D8767	:	SLV814
2	:	1	:	10%	:	1

SL93LV Accelerator:

2% to RTS

**Pot Life:**

3-4 hours at 68°F (20°C) with D8383, D8384, D8385

2-3 hours at 68°F (20°C) with D8382

**Air Pressure:**

HVLP:

10 psi at the air cap

Compliant:

29-40 psi at the gun

Fluid Tip:

1.3-1.6 mm or equivalent

**Application:**

Apply:

2 wet coats

**Dry Times:**

Between Coats:

5-10 minutes at 68°F (20°C)

Dust Free:

20-60 minutes at 68°F (20°C)

Dry to Handle:

4-6 hours at 68°F (20°C)

Tape Time:

16 hours at 68°F (20°C)



Force Dry:\*\*

No Purge

15 minutes at 140°F (60°C) with D8382

20 minutes at 140°F (60°C) with D8383

30 minutes at 140°F (60°C) with D8384

40 minutes at 140°F (60°C) with D8385



IR:

Medium Wave:

5 minute 1/2 bake

9 minutes full bake

Short Wave:

5 minutes



Overcoat/Recoat:

After force dry/cool down or 16 hour at 68°F (20°C)

Must be sanded before recoating with primer, colour or clear



Grade Wet:

European P800-P1200 / US 500-600

Grade Dry:

European P600-P800 / US 400-500

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