



# UP2843



DRIVING SURFACE PERFECTION™

TECHNICAL DATA SHEET

2:1 CLEARCOAT 2.1 LOW VOC

## DESCRIPTION

High solids clearcoat formulated for applications requiring a premium, glass-like finish. Suitable for overall repairs and complete resprays.

- Exceptional gloss and gloss retention, even at higher temperatures
- Excellent image clarity and depth
- Longer open time allows for improved flow and levelling
- Compatible with most solvent and water borne paint
- UV resistant

## TECHNICAL DATA



### Substrates

- Manufacturers basecoat, solvent or waterbased

#### Base

#### Mixed

### Viscosity

11 - 13 s/ DIN 4

### Solid content

40.00%

39.00%

### Specific gravity g/cm<sup>3</sup>

1.05

1.05

## APPLICATION GUIDE



### Tools Required

- UP2002 Water Based Degreaser
- P1000-P1200 Grit Sandpaper
- HVLP Gravity Gun

### Activator Selection

Temperature °F	Activator
41 - 77°F	UP238# Low VOC Fast Activator
59 - 95°F	UP239# Low VOC Standard Activator
77 - +104°F	UP237# Low VOC Slow Activator



### Substrate Preparation

Dry waterbased or solvent based basecoat to the manufacturers instructions

**For best results, good preparation is essential:** Clean and degrease removing dirt, oil, grease and wax with a cleaning solution, like **UP2002 Water Based Degreaser**.

Original cured paint: Wet sand with P1200 - P1500 or dry sand with P1000 - P1200.



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### Mixing Ratio

UP2843 : Activator

### Standard Application

2:1 parts by volume

Final Volume	Weight of Clearcoat	Weight of Activator		
		UP237#	UP238#	UP239#
250ml	175g	90.8g	88.3g	89.2g
500ml	350g	181.6g	176.6g	178.4g
750ml	525g	272.4g	264.9g	267.6g
1000ml	700g	363.2g	353.2g	356.8g



### Viscosity DIN 4 / sec

11 - 13 seconds

Working Pot-Life @ 78°F

2 - 3 hours



### Compliant HVLP Gravity Gun

Gun tip size

1.2 - 1.4 mm

Air Pressure at the gun

29 psi



### Coats

2 coats

Build / mil

1.6 - 2.0 mil total dry film thickness

Theoretical Coverage\* approx. 84.8 ft<sup>2</sup>/liter

636 ft<sup>2</sup>/7.5L Kit

*\*Theoretical Coverage assuming 100% transfer efficiency and giving the dry film thickness between indicated values.*



### Flash-off @ 78°F

Between coats

5 - 10 minutes



### Drying Times

Tack free @ 78°F

20 - 30 minutes

Through dry @ 78°F

10 - 12 hours

Through dry @ 140°F

30 minutes



### Polishing

Ready to polish approximately 1 hour after cool down of object to ambient temperature from bake cycle. For dirt removal, lightly sand/denib with P1500 abrasive paper and compound.



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## STORAGE & VOC INFORMATION



### Shelf Life

2 years from date of manufacture in sealed original containers.

**Recommended Storage Temperature** 40°F - 75°F

**Recommended Application Temperature** As per the Activator Selection table above.

**Equipment Cleaning** Clean gun Immediately after use with SYSTEM 20 reducer or gunwash.

**Important Remarks** Do not use activated product beyond pot life.

Activated material should not be returned to the original can of non-activated material.



### VOC Information

	As Packaged		As Applied when mixed 2:1 with UP237#	
<b>VOC Regulatory</b>	296 g/l	2.5 lbs/gal	247g/l	2.06 lbs/gal
<b>VOC Actual</b>	162 g/l	1.3 lbs/gal	123 g/l	1.00 lbs/gal
<b>Volatiles</b>	61.8%		62.9%	
<b>Water</b>	0% by weight	0% by weight	0% by weight	0% by weight
<b>Exempt compounds</b>	46.5% by weight	45.3% by volume	51.6% by weight	50.2% by volume
<b>Density</b>	1054 g/l	8.8 lbs/gal	1089 g/l	9.1 lbs/gal

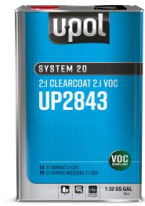
	As Applied when mixed 2:1 with UP238#		As Applied when mixed 2:1 with UP239#	
<b>VOC Regulatory</b>	248 g/l	2.07 lbs/gal	246 g/l	2.05 lbs/gal
<b>VOC Actual</b>	122 g/l	1.00 lbs/gal	123 g/l	1.00 lbs/gal
<b>Volatiles</b>	62.1%		62.1%	
<b>Water</b>	0% by weight	0% by weight	0% by weight	0% by weight
<b>Exempt compounds</b>	50.5% by weight	50.6% by volume	50.6% by weight	50% by volume
<b>Density</b>	1055 g/l	8.8 lbs/gal	1071 g/l	8.9 lbs/gal

### REORDER CODE

Order Code	Size	Product
UP2843	5L Tin	Clearcoat
UP2381	1L Tin	Fast 2.1 VOC Activator
UP2382	2.5L Tin	
UP2395	237ml Tin	Standard 2.1 VOC Activator
UP2391	1L Tin	
UP2392	2.5L Tin	
UP2371	1L Tin	Slow 2.1 VOC Activator
UP2372	2.5L Tin	



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**IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.**

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local distributor or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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