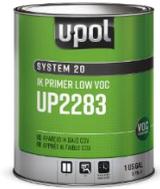




DRIVING SURFACE PERFECTION™

UP2283



TECHNICAL DATA SHEET

1K PRIMER LOW VOC

Version: 2.0

DESCRIPTION

UP2283 is a high build, fast drying, acrylic primer with excellent adhesion to many surfaces. It is designed to fill surface scratched or similarly defective metal, stone chip damage, polyester bodyfiller, fiberglass and most factory finish or refinish paint systems (except air dried synthetics). UP2283 easily sands to a feathered finish and can be used as a primer under 1K acrylic, 2K acrylic and synthetic topcoats.

- Excellent adhesion to a variety of substrates
- Can be applied DTM, including bare steel, aluminum and galvanized steel, without an etch primer
- Fast drying finish
- Can be air dried or baked
- Easy to sand
- Excellent coverage

Available colors • Gray

TECHNICAL DATA



	Base	Mixed
Viscosity		25 - 30 s
Solid content	77.00%	52.30%
Specific gravity g/cm ³	1.67	1.23

APPLICATION GUIDE

- Substrates**
- Mild Steel
 - Galvanized steel
 - Aluminum
 - Original Paint
 - SMC
 - E-coat
 - U-POL Polyester Fillers



Tools Required

- Degreaser (UP2002, UP2012, UP2022)
- P1000-P1200 Grit Sandpaper
- HVLP Gravity Gun



Surface Preparation

	Bare Steel	Aluminum	Galvanized	Original Paint	Body Filler	GRP
	UP2012, UP2022	UP2012, UP2022	UP2012, UP2022	UP2012, UP2022		UP2002
	P180	P180	P180	P220	P220	P220

For best results, good preparation is essential: Clean and degrease removing dirt, oil, grease and wax with a cleaning solution, like **U-POL SYSTEM 20 Solvent Based Degreaser** (UP2012, UP2022) or **Water Based Degreaser** (UP2002) before and after sanding. Dry thoroughly before applying **UP2283 1K Primer Low VOC**.



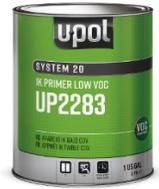
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Mixing Ratio

UP2283:Acetone

Standard Application

1:1 parts by volume

Final Volume	Weight of Primer	Weight of Acetone
250ml	208.8g	98.8g
500ml	417.6g	197.6g
750ml	626.4g	296.4g
1000ml	835.2g	395.2g



Viscosity BS 4 / sec

25 - 30

Working Pot-Life @ 68°F

n/a



Compliant HVLP Gravity Gun

Gun tip size

1.0- 1.4mm

Air Pressure at the gun

20 - 29 PSI



Coats

2 medium wet coats

Build / MIL

1 MIL per coat



Flash-off @ 68°F

Between coats

5 - 10 mins



Drying Times

Sandable @ 68°F

1 hour

Sandable @ 140°F

20 mins (allow 10 minute flash before bake)



Sanding

Dry Sanding / Abrasive

P400 - P600

Wet Sanding / Abrasive

P600 - P800



Over Painting

UP2283 Low VOC 1K Primer can be directly topcoated with most solvent and water-based basecoats or solid colors.



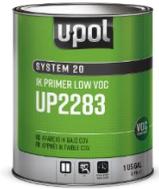
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1K PRIMER LOW VOC



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 60°F - 85°F

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



	As Packaged		As Applied when mixed at 1:1 with Acetone	
VOC Regulatory	233 g/l	1.9 lbs/gal	197 g/l	1.60 lbs/gal
VOC Actual	183 g/l	1.5 lbs/gal	77 g/l	0.60 lbs/gal
Volatiles	23.0%		47.7%	
Water	0% by weight	0% by weight	0% by weight	0% by weight
Exempt compounds	12% by weight	17.9% by volume	40.3% by weight	60.8% by volume
Density	1.67 kg/L	13.9 lbs/gal	1.23 kg/L	10.3 lbs/gal

REORDER CODE

Order Code	Size	Product
UP2283	1 US Gallon	Gray Primer

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 stockist 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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