



DRIVING SURFACE PERFECTION

TECHNICAL DATA SHEET

S2081

2K BRILLIANT CLEARCOAT 2:1 MIX

TECHNICAL DATA SHEET & PROCESS GUIDE

U-POL S2081 is a HS 2K acrylic clearcoat, it can be applied unthinned or thinned up to 10% with S2045 range of thinners.

PROPERTIES

- Good flow and non-sag properties
- Hardens rapidly to give a high build UV resistant coating
- Has excellent gloss and long term durability
- Can be air dried, low baked or IR Cured
- Can be easily polished once cured

TECHNICAL DATA



Substrates

- Manufacturers basecoat, solvent or waterbased

Viscosity

Base

Mixed

15 - 17 s/ DIN 4

Solid content

44.00%

41.50%

Specific gravity g/cm³

0.97

0.98

APPLICATION GUIDE



Tools Required

- SYSTEM 20™ Degreaser
- HVLP Gravity Gun
- MAXIMUM Abrasives
- MAXIMUM Painters Overalls

Hardener Selection

Please note this product is compatible with the S2030 to S2033 range

Temperature °C	Hardener
-5 -15°C	S2031
5 - 25°C	S2030
15 - 35°C	S2032
25 - +40°C	S2033



Substrate Preparation

Dried waterbased or solvent based basecoat to the manufacturers instructions

To achieve best results, good preparation is essential. Degrease with U-POL Precleaner (S2000, S2001 or S2002). Abrade the surface:

Original cured paint: wet flat with P800 - P1000 or dry P600 - P800.



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Mixing Ratio

S2081:Hardener

Standard Application

2:1

S2081

Mixing by Weight (grams)

200

S2032

102



Viscosity DIN 4 / sec

15 - 17

Working Pot-Life @ 20°C

4 - 6 hours



Compliant HVLP Gravity Gun

Gun tip size

1.2 - 1.4mm

Air Pressure at the gun

2



Coats

2 coats

Build / microns

150



Flash-off @ 20°C

Between coats

5 - 10 mins



Drying Times

Tack free @ 20°C

60 min

Through dry @ 20°C

12 - 14 hours

Through dry @ 60°C

30 mins



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STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original containers.

Recommended Storage Temperature 5°C - 25°C

Equipment Cleaning Clean gun Immediately after use with SYSTEM 20 thinner 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

This product is not to be used for automotive repair within the EU

Ready to use VOC g/l

	Colour	
	clear	540

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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