



DRIVING SURFACE PERFECTION
TECHNICAL DATA SHEET

S2021

2K UHS PRIMER FILLER 5:1 MIX

TECHNICAL DATA SHEET & PROCESS GUIDE

S2021 is a high solids VOC compliant 2K acrylic coating that can be used as a multi-role coating

- High build primer filler for spot repairs at 5:1
- Primer surfacer for larger areas at 5:1+10% thinner
- Tintable with up to 10% solvent based mixing base

PROPERTIES

- Excellent opacity and coverage
- Excellent film build surface levelling properties
- Can be air dried, low baked or IR Cured
- Easy to sand with high gloss holdout

Available Colours • Grey

TECHNICAL DATA



Substrates

- Original Paint
- Mild Steel
- E-coat
- etch primer (for galv/ aluminium)
- SMC
- U-POL Polyester Fillers

	Base	Mixed
Viscosity		30 - 55 s/ DIN 4
Solid content	72.00%	66.10%
Specific gravity g/cm ³	1.58	1.48

APPLICATION GUIDE



Tools Required

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

Hardener Selection

Please note this product is compatible with the S2030 to S2033 range but not recommended with S2031

Temperature °C	Hardener
5 -20°C	S2030
15 - 35°C	S2032
25 - +40°C	S2033

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Substrate Preparation

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 P320 or dry flat with P280.

Bare Metal (mild steel): abrade with P180.

Aluminium and zinc coated steel: must first be coated with 1-2 light coats of ACID#8 1K Etch Primer and allowed to dry for 20 minutes.

GRP, SMC, Glass fibre, Polyester Filler: dry flat with P240.

Before applying primer, clean lightly once more with SYSTEM 20 Degreasers and dry thoroughly.



Mixing Ratio

	High Build Primer	Primer Surfacer
S2021:Hardener	5:1	5:1
20:42 Thinners	nil	10%

Mixing by Weight (grams)

S2021	200	200
S2032	25	25
2042 Thinners		12.8



Viscosity DIN 4 / sec

Working Pot-Life @ 20°C	45 - 55	30 - 35
	1 - 2 hours	1 - 2 hours



Compliant HVLP Gravity Gun

Gun tip size	1.7 - 2.0mm	1.6 - 1.8mm
Air Pressure at the gun	1.8 - 2.0 bar	



Coats

	1 - 2 coats	2 - 3 coats
Build / microns	approx 180	120 - 180



Flash-off @ 20°C

Between coats	15 mins	10 mins
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Drying Times

Sandable @ 20°C	2 - 3 hours	2 - 3 hours
Sandable @ 60°C	30 mins	30 mins



Sanding

Dry Sanding / Abrasive	P400 - P600	P400 - P600
Wet Sanding / Abrasive	P600 - P800	P600 - P800



Over Painting

S2021 Primer formulation can be directly topcoated with most solvent and water-based basecoats or solid colours.

STORAGE & VOC INFORMATION



Shelf Life

2 years from date of manufacture in sealed original containers.

Recommended Storage Temperature 5°C - 25°C

Recommended Application Temperature As per the Hardener Selection table above.

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.
After 10 minutes standing, the paint may need mild agitation to reliquify before 2nd and 3rd coat applications.



VOC Information

The EU limit for this product (product category: IIB.(b) in ready to use form is 540 g/litre.
The VOC content of this product in ready to use form is 500 g/litre.

Ready to use VOC g/l

	Colour	High Build Primer	Primer Surfacer
	Grey	460	500



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Order Code	Format	Colour
S2021/3	3L Tin	Grey Primer
S2021/5	5L Tin	Grey 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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