



REFACE SPRAYABLE FILLER

UPOL/SF1, UPOL/SF2

Version: 5.0

Date of issue: 01/01/2009 Revision date: 02/02/2023 Supersedes: 28/07/2021



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

A highly effective two component sprayable polyester filler specially developed to spray large areas of repair. Ideal base for most paint systems.

- High film build.
- Easy to sand.
- Includes liquid hardener.

Product	Order Code	Format	Shelf Life
REFACE SPRAYABLE FILLER	UPOL/SF1	1L Tin	1 year
REFACE SPRAYABLE FILLER	UPOL/SF2	2.5L Tin	1 year
REFACE Polyester Spray Liquid Hardener	HAR/SF	50ml Bottle	1 year
REFACE Polyester Spray Liquid Hardener	HAR/SF130	50ml Bottle	1 year

APPLICATION INFORMATION



FOR PPE RECOMMENDATIONS REFER TO SDS

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.



Surface Preparation



Substrate

Bare Steel
Original Paint
Fibreglass / GRP, SMC
Polyester Body Filler

Degreaser

SYSTEM 20 Solvent-Based Degreaser
SYSTEM 20 Solvent-Based Degreaser
SYSTEM 20 Water-Based Degreaser
SYSTEM 20 Solvent-Based Degreaser

Abrasion

P80
P180
P180
P80 - P180

For best results, good preparation is essential.

Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. Abrade with grit paper as stated above for each respective substrate.

Re-clean, dry and degrease the abraded substrate ready for application.

PLEASE NOTE: this product is not recommended for application over thermoplastic acrylics.

PLEASE NOTE: this product is not recommended for application over aluminium, galvanized (zinc coated) or etch primers.

Mixing



Add hardener 3% by weight (5% by volume) and mix thoroughly before spraying. Only mix amount required for immediate work. Do not return activated product back into the can. Ensure this product is well shaken/mixed prior to application.

Gun Application



Gun Tip Size (HVLV)

2.0 – 3.0 mm

Air Pressure at Gun (HVLV)

2.1 bar / 30 PSI

Number of Coats



Application Temperature

> 15 °C / 60 °F

Working Pot-Life at 20°C

45 – 60 minutes

Number of Coats

2 – 3

Application Distance From Substrate

15 – 20 cm / 6 - 8 inches

Flash-off at 20°C

Not required between coats

Total Dry Film Thickness

100 – 150 µm / 4 - 6 MIL

Theoretical Coverage at indicated DFT

8 m²/L

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

Drying Time



PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.

Dry to Sand at 20°C

2 – 3 hours

Dry to Sand at 60°C

30 minutes

Sanding



Dry Sanding

P180 - P240

Wet Sanding

Do not wet sand.

U-POL recommends using GUIDE #7 Guide Coat Aerosol during the sanding process to identify the high and low spots.

Overpainting



Once sanded, this formulation can be overpainted with most water/solvent-based paint systems.

A primer must be used prior to topcoat application.

Additional information



Important Remarks.

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

Do not exceed recommended levels of addition.

Do not use activated product beyond pot life

Clean gun immediately after use with acetone.

Equipment Cleaning



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Physical properties 	Appearance Liquid. Colour White Density 1.595 (1.575 – 1.615) g/cm ³ Viscosity, dynamic 4250 (3500 – 5000) cP Percent Solids 74.8 wt%																																																															
VOC Information 	VOC Category (2004/42/CE) Primer (Wash primer), product category IIB(c), max. limit 780 g/l The VOC content of this product as received is 405 g/l. The VOC content of this product in ready to use form is 370 g/l.																																																															
Storage 	Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep only in original container. Recommended storage temperature 5 °C - 25 °C																																																															
Associated Products 	<table border="0"> <thead> <tr> <th>Product</th> <th>Order Code</th> <th>Format</th> </tr> </thead> <tbody> <tr><td>REFACE Polyester Spray Liquid Hardener</td><td>HAR/SF</td><td>60ml Bottle</td></tr> <tr><td>REFACE Polyester Spray Liquid Hardener</td><td>HAR/SF130</td><td>130ml Bottle</td></tr> <tr><td>HVLP Gravity Gun 2.5mm tip</td><td>GUNGHV/25</td><td>1-pack</td></tr> <tr><td>MAXIMUM Professional Lint-Free Solvent Wipes</td><td>MWPP/350</td><td>100-pack</td></tr> <tr><td>MAXIMUM Tack Cloths</td><td>TRAG/10</td><td>10-pack</td></tr> <tr><td>MAXIMUM Tack Cloths</td><td>TRAG/50</td><td>50-pack</td></tr> <tr><td>SYSTEM 20 Water-Based Degreaser</td><td>S2000/5</td><td>5L Canister</td></tr> <tr><td>SYSTEM 20 Solvent-Based Fast Degreaser</td><td>S2001/5</td><td>5L Tin</td></tr> <tr><td>SYSTEM 20 Solvent-Based Slow Degreaser</td><td>S2002/1</td><td>1L Tin</td></tr> <tr><td>SYSTEM 20 Solvent-Based Slow Degreaser</td><td>S2002/5</td><td>5L Tin</td></tr> <tr><td>GUIDE #7 Guide Coat Aerosol</td><td>GUIDE/AL</td><td>450ml Aerosol</td></tr> <tr><td>MAXIMUM Premium Masks</td><td>RESPV</td><td>1-pack</td></tr> <tr><td>MAXIMUM Painters Overalls</td><td>COVER/M</td><td>1-pack</td></tr> <tr><td>MAXIMUM Painters Overalls</td><td>COVER/L</td><td>1-pack</td></tr> <tr><td>MAXIMUM Painters Overalls</td><td>COVER/XL</td><td>1-pack</td></tr> <tr><td>MAXIMUM Painters Overalls</td><td>COVER/XXL</td><td>1-pack</td></tr> <tr><td>MAXIMUM Painters Overalls</td><td>COVER/XXXL</td><td>1-pack</td></tr> <tr><td>MAXIMUM Abrasive Latex Paper Discs P80</td><td>ABD7/VP80</td><td>100-pack</td></tr> <tr><td>MAXIMUM Abrasive Latex Paper Discs P180</td><td>ABD7/VP180</td><td>100-pack</td></tr> <tr><td>MAXIMUM Abrasive Latex Paper Discs P240</td><td>ABD7/VP240</td><td>100-pack</td></tr> </tbody> </table>	Product	Order Code	Format	REFACE Polyester Spray Liquid Hardener	HAR/SF	60ml Bottle	REFACE Polyester Spray Liquid Hardener	HAR/SF130	130ml Bottle	HVLP Gravity Gun 2.5mm tip	GUNGHV/25	1-pack	MAXIMUM Professional Lint-Free Solvent Wipes	MWPP/350	100-pack	MAXIMUM Tack Cloths	TRAG/10	10-pack	MAXIMUM Tack Cloths	TRAG/50	50-pack	SYSTEM 20 Water-Based Degreaser	S2000/5	5L Canister	SYSTEM 20 Solvent-Based Fast Degreaser	S2001/5	5L Tin	SYSTEM 20 Solvent-Based Slow Degreaser	S2002/1	1L Tin	SYSTEM 20 Solvent-Based Slow Degreaser	S2002/5	5L Tin	GUIDE #7 Guide Coat Aerosol	GUIDE/AL	450ml Aerosol	MAXIMUM Premium Masks	RESPV	1-pack	MAXIMUM Painters Overalls	COVER/M	1-pack	MAXIMUM Painters Overalls	COVER/L	1-pack	MAXIMUM Painters Overalls	COVER/XL	1-pack	MAXIMUM Painters Overalls	COVER/XXL	1-pack	MAXIMUM Painters Overalls	COVER/XXXL	1-pack	MAXIMUM Abrasive Latex Paper Discs P80	ABD7/VP80	100-pack	MAXIMUM Abrasive Latex Paper Discs P180	ABD7/VP180	100-pack	MAXIMUM Abrasive Latex Paper Discs P240	ABD7/VP240	100-pack
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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. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.

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