



REFACE POLYESTER SPRAY FILLER

UP0719, UP0733

Version: 1.0 Date of issue: 10/02/2020



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

Reface is a high build, 2K sprayable polyester specially developed to create an ultra flat surface prior to painting. The improved formulation features excellent adhesion to most substrates, creating an easy to sand base over steel and fiberglass surfaces, even vertical surfaces.



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

Typical Use

Ideal for irregular surfaces and fine panel damage covering small to large area application.

APPLICATION GUIDE

Tools Required



HVLP Gravity Gun, GUIDE #7 Guide Coat Aerosol, MAXIMUM Abrasives, MAXIMUM Painters Overalls, MAXIMUM Premium Masks, U-POL System 20 Degreaser (UP2002, UP2012, UP2022).

Surface Preparation



Substrate	Degreaser	Abrasion
Bare Steel	UP2012 Fast/UP2022 Slow Solvent-Based Degreaser	P80
Original Paint	UP2012 Fast/UP2022 Slow Solvent-Based Degreaser	P240
Polyester Body Filler	UP2012 Fast/UP2022 Slow Solvent-Based Degreaser	P180
Fiberglass, SMC	UP2002 Water-Based Degreaser	P180

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) (please check local VOC regulations).
 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 ratio by volume



Base	100	Parts by Volume
Liquid Hardener	5	Parts by Volume (3% by weight)

Gun Application



Viscosity	4250 (3500 – 5000) cP
Working Pot-Life at 70 °F	45 – 60 minutes
Gun Tip Size	2 – 3 mm
Air Pressure at Gun	2.1 bar / 30 PSI
Application Temperature	> 15 °C / > 60 °F

Number of Coats



Coats	2 - 3
Flash-off at 68°F between coats	5 – 10 between coats.
Distance from substrate	15 – 20 cm / 6 – 8 in
Dry Film Build	75 – 100 µm / 3 – 4 MIL
Approximate Theoretical Coverage	8 m ² /L / 391 ft ² /gal
*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.

Through Dry at 70°F	2 – 3 hours
Through Dry at 140°F	30 minutes

Sanding



Dry Sanding	P180 - P240
Wet Sanding	Not required

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

Overpainting



U-POL recommends a SYSTEM 20 Primer to achieve the perfect surface for the colour of your choice.

TECHNICAL INFORMATION

Physical properties

Appearance	Liquid.
Color	Off-white

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Specific gravity / density ≈ 1.595 (1.575 – 1.615) g/cm³
Viscosity, dynamic 4250 (3500 – 5000) cP
Percent Solids 74.2 wt%

VOC Information



Unmixed
As Packaged Regulatory VOC 453 g/l (3.78 lb/gal)
As Packaged Actual VOC 453 g/l (3.78 lb/gal)
Percent Solids 74.2 wt%
Percent Solids 46.45 vol %
Volatiles 25.8 wt%
Water Content 0 wt%
Exempt Compounds by weight 0 wt%
Exempt Compounds by volume 0 vol %
% HAPS 23.10 wt%

100 : 5 Parts by Volume
As Applied Regulatory VOC 72 g/l (0.60 lb/gal)
As Applied Actual VOC 72 g/l (0.60 lb/gal)

Shelf Life & Storage



Order Code	Format	Shelf Life	Comment
UP0719	1L Tin	1 year	B
UP0733	2.5L Tin	1 year	B
UP0739	60ml Bottle	1 year	B
HAR/SF130	130ml Bottle	1 year	B

- A Date of manufacture, unique 5-digit batch code and expiry date printed on base of tin.
- B Date of manufacture and/or 5-digit batch code printed on base of tin/adhesive label/adhesive label on kit box. e.g. 93822 = 2019, week 38, batch 22
- C Date of manufacture and unique 5-digit batch code and printed on base of tin/adhesive label.
- D Date of manufacture and unique 5-digit batch code printed on cartridge.
- E Date of manufacture and unique 7-digit code printed on lid.
- F Date of manufacture and unique 6-digit batch number printed on packaging.
- G Date of manufacture and unique 4-digit batch code and printed on base of tin.
- H Date of manufacture and batch number incorporated into 8-digit code e.g. 18071234 = (18) 2018, (07) July, batch number 1234
- I Date of manufacture printed on tin.
- J Date and time of manufacture printed on neck of aerosol.
- K Date of manufacture and weight of sachet embossed on seal. e.g. 40G 110717
- L Unique 5-digit batch code printed on packaging/adhesive label/embossed on seal. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- M Unique 5-digit batch number followed by weight printed on tube. e.g. 17149GR78 = batch number 17149GR, weight 78 g. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- N Date of filling and unique 7 digit batch code stamped on adhesive label.
- O LOT number ending in a unique 5-digit code printed on sachet. For the date of manufacture, please quote this code to technicalsupport@u-pol.com.
- P Date of aerosol manufacture and 5-digit aerosol base batch code printed on base of tin. e.g. 93822 = 2019, week 38, batch 22
- Q Date of aerosol manufacture and unique 5-8 digit batch code printed on base of tin.

Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up. Keep only in original container.

Recommended storage temperature 40 °F - 75 °F

For any other information please contact technicalsupport@u-pol.com for assistance.

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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