



DOLPHIN SPEED FILLER

UP0653

Version: 1.0 Date of issue: 25/06/2021



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

An advanced, premium, ultra-fast curing filler formulated for the repair of medium depth panel damage. Smooth and easy to apply with superior filling properties and ready to sand in as little as 8 minutes

- Exceptional Sanding.
- Tack free.
- Pinhole resistant.
- Non-sagging.

Product	Order Code	Format	Shelf Life
DOLPHIN SPEED FILLER	UP0653	3L Tin	5 years

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
Galvanised
Aluminum
Original Paint
Fiberglass / GRP
Polyester Body Filler

Degreaser

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

Abrasion

P80 - P120
P180
P180
P180
P180
P80

For best results, good preparation is essential. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's EGC or SYSTEM 20 Degreasers. (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.

Application



Mixing ratio (BPO Hardener):

Gel Time:

Sandable after:

50°F

3%
6 – 7 minutes
10 – 15 minutes

70°F

2%
4 – 6 minutes
8 – 10 minutes

85°F

1%
4 – 5 minutes
8 – 10 minutes

Maximum Fill Depth

3 - 5 mm

Follow mix ratio carefully. Do not under or over catalyze. Mix thoroughly on an Onion Board Mixing Palette. Apply with a pressing action to reduce air entrapment. Not recommended for applications below 40°F.

Sanding



Initial Sanding

P80 - P120

Final Sanding

P180 - P220

U-POL recommends using GUIDE #7 Guide Coat Aerosol during the sanding process to identify the high and low spots. A U-POL Finishing Filler such as DOLPHIN SPEED GLAZE can be used to fill imperfections such as pin holes and scratches prior to painting.

Overcoating



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

Blue

Density

1.23 (1.2 – 1.26) g/cm³

VOC Information



As Packaged Regulatory VOC

191 g/l (1.6 lbs/gal)

As Packaged Actual VOC

191 g/l (1.6 lbs/gal)

Percent Solids

84.56 wt%

Volatiles

15.4 wt%

Water Content

0 wt%

Exempt Compounds by weight

0 wt%

Exempt Compounds by volume

0 vol %

% EPA HAPS

13.72 wt%

As Applied Regulatory VOC

40 g/l (0.3 lbs/gal)

As Applied Actual VOC

40 g/l (0.3 lbs/gal)

Storage



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Store locked up. Store in a well-ventilated place. Keep cool.

Storage Temperature (°F) < 77 °F

Associated Products



Product	Order Code	Format
Onion Board Mixing Palette	UP0737	100-sheets
Bodyfiller Spreader	UP0738	20-pack
DOLPHIN Glaze	UP0713	1L Bottle
DOLPHIN Glaze	UP0714	880ml Bag
GUIDE #7 Guide Coat Aerosol	UP0873	450ml Aerosol
SYSTEM 20 Water-Based Degreaser	UP2002	5L Canister
SYSTEM 20 Solvent-Based Fast Degreaser	UP2012	5L Tin
SYSTEM 20 Solvent-Based Slow Degreaser	UP2021	1L Tin
SYSTEM 20 Solvent-Based Slow Degreaser	UP2022	5L Tin

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.

For additional technical assistance, please contact the U-POL Technical Department at technicalsupport@u-pol.com

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