



U-POL SMC BONDING FILLER - BLACK

SMCB/2

Version: 3.0

Date of issue: 23/06/2018 Revision date: 07/01/2020 Supersedes: 14/10/2019



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

High adhesion bonding paste and filling compound specifically designed to repair cracks, holes and scratches in SMC, fibreglass, composite and other rigid materials.

- Reinforced with carbon fibre for structural strength.
- Easy to sand to a fine finish.

Typical Use

Ideal for filling and shaping medium to deep panel damage.



APPLICATION GUIDE

Tools Required



Onion Board Mixing Palette, U-POL Applicator, SYSTEM 20 Degreasers, MAXIMUM Premium Masks, MAXIMUM Painters Overalls, MAXIMUM Abrasives, GUIDE #7 Guide Coat Aerosol

Surface Preparation



| | Degreaser | Abrasion |
|-----------------------|---|----------|
| Bare Steel | S2001 Fast/S2002 Slow Solvent-Based Degreaser | P80 |
| Aluminium | S2001 Fast/S2002 Slow Solvent-Based Degreaser | P180 |
| Galvanised | S2001 Fast/S2002 Slow Solvent-Based Degreaser | P180 |
| Original Paint | S2001 Fast/S2002 Slow Solvent-Based Degreaser | P180 |
| GRP | S2000 Water-Based Degreaser | P180 |

U-POL SMC BONDING FILLER - BLACK is multifunctional and has superb adhesion to all the substrates above. 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.

Application



| | 10°C | 20°C | 30°C |
|-------------------------------------|---------------|-----------------|---------------|
| Mixing ratio (BPO Hardener): | 3% | 2% | 1% |
| Gel Time: | 7 – 8 minutes | 4 – 6 minutes | 4 – 5 minutes |
| Sandable after: | 20 minutes | 15 – 20 minutes | 15 minutes |

| | |
|---------------------------|------------------------------|
| Maximum Fill Depth | 4 – 7 mm |
| Infrared Bake: | 50 – 80 cm, 80 °C, 5 minutes |

Mix thoroughly on an Onion Board Mixing Palette. Follow mix ratio carefully. Do not under or over catalyse. Apply with a pressing action to reduce air entrapment. Not recommended for applications below 5°C.

Sanding



| | |
|------------------------|-------------|
| Initial Sanding | P80 - P120 |
| Final Sanding | P180 - P240 |

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

Over-Painting



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

TECHNICAL INFORMATION

Contact Australia
T: +61 2 4731 2655
F: +61 2 4731 2611
info@u-pol.com.au

U-POL AUSTRALIA PTY LIMITED
Unit A, 16 - 20 Cassola Place Penrith
NSW 2750
www.u-pol.com - Australia

U-POL NEW ZEALAND Ltd
c/o Lindsay & Associates Unit H, 12 Amera Place,
East Tamaki Manukau City 2013
New Zealand - www.u-pol.com

Contact New Zealand:
T: +64 27 630 3691
F: +61 2 4731 2611
info@u-pol.com.nz



U-POL SMC BONDING FILLER - BLACK

SMCB/2

Version: 3.0

Date of issue: 23/06/2018 Revision date: 07/01/2020 Supersedes: 14/10/2019



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

Physical properties



| | |
|-------------------|--|
| Appearance | Fibrous, Paste. |
| Colour | Black |
| Density | ≈ 1.66 (1.64 – 1.68) g/cm ³ |

VOC Information



The VOC content of this product as received is 176 g/l. The VOC content of this product in ready to use form is 100 g/l.

Shelf Life and Storage



| Order Code | Format | Shelf Life | Batch Coding System |
|------------|----------|------------|---------------------|
| SMCB/2 | 1.1L Tin | 4 years | C |

- 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 number1234
- 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.

Recommended storage temperature 5 °C - 25 °C

Keep cool. Protect from sunlight. Keep away from ignition sources. Store locked up. Store in a well-ventilated place. Keep only in original container.

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.

Contact Australia
T: +61 2 4731 2655
F: +61 2 4731 2611
info@u-pol.com.au

U-POL AUSTRALIA PTY LIMITED
Unit A, 16 - 20 Cassola Place Penrith
NSW 2750
www.u-pol.com - Australia

U-POL NEW ZEALAND Ltd
c/o Lindsay & Associates Unit H, 12 Amera Place,
East Tamaki Manukau City 2013
New Zealand - www.u-pol.com

Contact New Zealand:
T: +64 27 630 3691
F: +61 2 4731 2611
info@u-pol.com.nz