



DRIVING SURFACE PERFECTION™

UP0777 UP0779

SMC Bonding Filler



DESCRIPTION

U-POL SMC is a carbon fiber reinforced filler specifically designed for the rapid repair of cracks, holes and scratches in SMC, fiberglass, composite and other rigid materials. Ideal for the repair of cars, trucks, boats and shipping containers.

FEATURES

- High adhesion to multiple substrates
- Easy to sand to a fine finish
- Available in a 1.1 L Tin
- Color: Black or White

TECHNICAL DATA SHEET

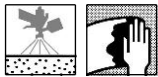
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SMC Bonding Filler

Product preparation - application



It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare Steel - cleaned with solvent based degreaser and sanded with P80 grit. Re-clean the abraded substrate before application.
Galvanized Steel - cleaned with solvent based degreaser and sanded with P180 grit. Re-clean the abraded substrate before application.
Aluminum / Old or Original paintwork - cleaned with solvent based degreaser and sanded with P180 grit. Re-clean the abraded substrate before application.
Fibre Glass / GRP / SMC - cleaned with solvent based degreaser and sanded with P180 grit. Re-clean the abraded substrate before application.
Existing bodyfiller - cleaned with solvent based degreaser and sanded with P80-P180 grit. Re-clean the abraded substrate before application.



	50°F	68°F	86°F
	Weight	Weight	Weight
SMC Bonding Filler	100	100	100
BPO Hardener	3	2	1

Mix thoroughly on an Onion Board mixing palette.
Maximum Fill Depth 4 - 7 mm
Infra-Red Bake: Apply the lamp between 50 and 80 cm, 176°F 5 minutes



Geltime / Work Time at 50°F: 7 min - 8 min
Geltime / Work Time at 68°F: 4 min - 6 min
Geltime / Work Time at 86°F: 4 min - 5 min



Apply smooth film immediately after mixing, avoiding air entrapment.



Sanding	
50 °F	20 min
68 °F	15 min - 20 min
86 °F	15 min



Initial P80 - P120
Final sand P180 - P240

VOC compliant

UP0777 Regulatory VOC 187g/l (1.56lb/gal), Actual VOC 39g/l (0.33lb/gal)
UP0779 Regulatory VOC 192g/l (1.6lb/gal), Actual VOC 40g/l (0.33lb/gal)

TECHNICAL DATA SHEET

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Products

UP0777 SMC Bonding Filler Black
UP0779 SMC Bonding Filler White

Waste treatment Dispose of contents / container to approved disposal companies or municipal collection points. Do not empty into drains.

Remarks

- Do not add more hardener than recommended to avoid bleeding and spot marking.
- Reaction temperature should be at least +40°F.
- Recommended storage temperature at 40°F to 77°F.
- Surplus ready for use material should not be returned to original can.
- Store in a well-ventilated place.
- Application of a solvent based primer is recommended to achieve the perfect surface for the color of your choice.
- For additional technical assistance, please contact the U-POL Technical Department at upol.technicalsupport@axalta.com

TECHNICAL DATA SHEET

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Shelf Life	5 years

The information on usability refers to an unopened container in proper storage <77°F. The container must be stored upright, dry and protected from direct sunlight, chemical and mechanical influences.

Version Number	1
Issue Date	18/12/25

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our brand product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our brand product range, unless explicitly indicated otherwise.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.