

MP182 2K Urethane Surfacer

Background

OMNI® MP182 is a fast drying, two component, light brown, high build primer surfacer designed for today's automotive collision center.

Components

Primer

MP182 2K Urethane Surfacer

Hardener

MH165 Fast Primer Hardener
MH166 Slow Primer Hardener

Compatible Products

Can be applied over:

Cleaned, sanded and etch primed steel, galvanized and aluminum.

Sanded and cleaned body filler, SMC and gel-coated fiberglass.

Cleaned, cured and sanded OEM and refinish coatings.

MP17x Epoxy Primers

MP176 Etch Primer

MP178 Plastic Primer

MP243 Polyester Primer

Can be topcoated with:

MP17x Epoxy Primers

MP213 GP Sealer

MP23x 2K Urethane Sealers

MBP *Omni* Plus Acrylic Urethane Basecoat

MBC Acrylic Basecoat

MTK Acrylic Urethane Single Stage

MAE Acrylic Enamel

MAE Acrylic Enamel with Hardener

Preparation

Surface Cleaning:

MX190 Cleaner

MX192 Plastic Cleaner

SXA330 Wax and Grease Remover

SWX350 (H₂O-SO-CLEAN®) Waterborne Pre-Cleaner

Sanding

120 - 180 grit on bare metal - For optimum performance, first apply MP176 Etch Primer or MP170 Series Epoxy Primer.

180 - 240 grit on old finishes, body filler.

Mixing



Ratios: MP182 : MH165 / MH166
5 : 1



Pot Life: 1 hour at 70°F (21°C)



Additives: MX193 Flexible Additive Add 10% to RTS quart
MX195 Accelerator Add 1 oz. to RTS quart



Tinting: MP182 : MTK Color : MH Hardener
4 : 1 : 1

Air Pressure and Gun Setup



HVLP: 8 - 10 psi at the air cap
Compliant: 29 - 40 psi at the gun
Gun Setup: 1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

Application



Coats: 2 - 4 coats

Dry Times



Between Coats: 10 - 15 minutes at 70°F (21°C)



Air Dry: 2 - 3 hours at 70°F (21°C)



Force Dry: 20 - 30 minutes at 140° (60°C)



IR: 8 - 12 minutes



Recoat/Topcoat:
Air Dry
2 - 3 hours
Force Dry
20 - 30 minutes

Must lightly scuff before recoating

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS251 Multi Purpose Solvent or other appropriate clean up solvent after each use.

Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

Properties

VOC

Applied (5:1)	4.2 lbs./ gal (502 g/L)
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Tinted (4:1:1)	4.3 lbs./ gal (515 g/L)
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RTS (5:1) Solids by weight	59.5%
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Film build per coat

Applied (5:1)	1.5 - 2.0 mils
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Square foot coverage at 1 mil

Applied (5:1)	658 sq. ft. per US gallon at 100% transfer
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Limitations

Omni products should not be combined with components of other product lines.

Precautionary Information:

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages be sure you understand the warning messages on the labels of all components since the mixture will have the hazards of all of its parts. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. Follow label directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

Medical Response:

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514)-645-1320

See Safety Data Sheet and Labels for additional safety information and handling instructions.

Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Omni* brand distributor. To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries is constantly improving its coating and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your *Omni* brand distributor or visit www.ppgrefinish.com for the most up-to-date information.



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