

PRODUCT INFORMATION



MP176 Etch Primer

Background

OMNI™ MP176 is a green translucent acid etch primer specifically designed to provide excellent adhesion and corrosion resistance to properly prepared steel and aluminum while offering fast dry characteristics.

Components

Primer Catalyst

MP176 Etch Primer MP177 Etch Primer Catalyst

Compatible Products

Can be applied over:

Properly cleaned and sanded steel, galvanized and

Not recommended for use directly on fiberglass or over body filler.

*MP176 must be over primed or sealed before topcoating.

Can be topcoated with:

MP281 1K Light Gray Primer Surfacer

MP182 2K Urethane Surfacer

MP282 High Build 2K Primer Surfacer

MP213 GP Sealer

MP23x 2K Urethane Sealers

Preparation

Surface Cleaning:

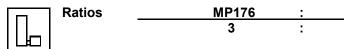
MX190 Cleaner MX192 Plastic Cleaner SXA330 Wax and Grease Remover SWX350 (H₂O-SO-CLEAN™)

Sanding

80 - 180 grit on bare metal

MP177

Mixing





Pot Life: 8 hours at 70°F (21°C)



Additives: MR reducer may be added when temperatures exceed 95°F (35°C) up to 10% per

RTS quart

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: 1 - 2 light coats for maximum film build of 0.4 mils

Dry Times



Between Coats: 5 - 10 minutes at 70°F (21°C)



Air Dry: 15 minutes at 70°F (21°C)



Recoat/Topcoat: 15 minutes

Must lightly scuff before recoating

MP176 must be sanded and recoated after 24 hours at 70°F (21°C)



WARNING: This product contains some chrome pigment which makes the sanding dust toxic. See MSDS for appropriate warnings.

Clean Up

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

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

Properties

VOC	
Package (MP176)	6.4 lbs./ gal (771 g/L)
Applied (3:1)	6.4 lbs./ gal (732 g/L)
Applied (3:1 + 10%)	6.5 lbs./ gal (779 g/L)
RTS Solids by Weight	8.8%
Film build per dry coat	0.2 - 0.4 mils
Square foot coverage	
Applied (3:1)	421 sq. ft. per US gallon at 0.2 mils at 100% coverage
RTS Solids by Weight Film build per dry coat Square foot coverage	8.8% 0.2 - 0.4 mils

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

Material 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.

The PPG Logo, *Omni* and *H*₂*O-So-Clean* are trademarks of PPG Industries Ohio, Inc.