



PRODUCT INFORMATION



MP176 Etch Primer

Background

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.

MP176/177 also serves as a pretreatment coating in areas where VOC compliance is required.

MP176 Etch Primer

Primer

MP176 Etch Primer

Catalyst

MP177 Etch Primer Catalyst

Compatible Substrates

Properly cleaned and sanded steel, galvanized, aluminum. (Not Recommended on fiberglass)

Caution: MP176 should not be applied directly onto Body Filler.

Preparation

Surface cleaning

MX190 Cleaner, MX191 Low VOC Cleaner

Sanding

80 - 180 grit on bare metal

Mixing

Ratios



MP176 : MP177
3 : 1

Pot life



Pot life is 8 hours at 70°F (21°C)

Additives

MR reducer may be added when temperatures exceed 95°F up to 10% per RTS quart.

Application

Coats



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

Air Pressure



HVLP 5 - 10 PSI at the air cap
Conventional 35 - 40 PSI at the gun

Gun setup

1.3 - 1.5mm or equivalent

Dry Times

Between coats



5 - 10 minutes at 70°F (21°C)

Air dry



15 minutes before applying primer surfacer or sealer. MP176/177 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, MS100 General 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 lb./ gal.
Package (MP177)	6.4 lb./ gal.
Applied (3:1)	6.4 lb./ gal.
Applied (3:1+10 % Reducer)	6.5 lb./ gal.

Film build per dry film coat

Approximately .2 - .4 mils

Square foot coverage (100% transfer efficiency)

Applied (3:1) 421 sq. ft. / gal. @ 0.2 mils

Limitations:

Omni™ MP or MX Primers 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 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 (304) 843-1300. IN CANADA (514) 645-1320.

Material Safety Data Sheet:

Material Safety Data Sheets for the PPG products mentioned in this publication are available through your OMNI Distributor.

For additional information regarding this product, see the MSDS and label information.

To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries, Inc. is constantly improving its coatings and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your OMNI Distributor for the most up-to-date information.