

MP282 High Build 2K Rollable Primer

Background

OMNI® MP282 is a fast drying, two component gray high build 2K primer-surfacer designed for today's automotive collision center which may be used in a rollable mode.

Components

Primer MP282 High Build 2K Rollable Primer	Hardener MH283 Normal Hardener MH284 High Temp Hardener	Reducer MR185 Fast 55-65°F (13-18°C) MR186 Medium 65-75°F (18-24°C) MR187 Slow 75-85°F (24-29°C) MR188 Very Slow 85-95°F (29-35°C)
Roller/Tray SX1066 High Build Roller Cover SX1068 Roller Handle SX1069 Roller Pan		

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. Properly cleaned and sanded E-coat Cleaned, cured and sanded OEM and refinish coatings. MP17x Epoxy Primers MP246 Polyester Primer OneChoice® Plastic Adhesion Promoter SX1071 OneChoice Ecobase™ Etch Primer	Can be topcoated with: MP17x Epoxy Primer 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
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Preparation

Surface Cleaning: MX190 Wax and Grease Remover MX192 Plastic Cleaner SXA330 Wax and Grease Remover SWX350 H ₂ O-SO-CLEAN®	Sanding 120 - 180 Grit machine on bare metal 180 - 240 Grit on old finishes and body filler
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Mixing



Ratios:	MP282	:	MH28x	:	MR18x*
	4	:	1	:	1

**To improve application, solvent may be added to reduce as needed depending on job size and shop conditions.*



Pot Life: 1 hour at 70°F (21°C) at 4:1:1



Additives:	MX193 Flexible Additive	10% to RTS mix
	MX200 Accelerator	1 oz. to RTS quart

Application



2 - 3 coats

1st Coat:

Fully cover the roller by rolling it in the MP282 primer. Start from the center of the repair and roll the primer all the way out to the featheredge using a "flicking" or lifting technique that will create a feathered edge in the primer around the entire repair. This technique will ensure a thin, smooth edge and make sanding of the featheredge much easier.

2nd and 3rd Coats:

When the first coat has thoroughly flashed for approximately 3 - 5 minutes, again start from the center and roll another coat just inside the edge of the first coat, using a featheredge 'lifting' technique. Note: Be sure to not allow the 2nd and 3rd coats to extend past the outside edge of the previous coat's featheredge or solvent may be trapped resulting in shrinkage and may also generate a heavier edge than desired which will require excessive finish sanding.

Sanding:

After an appropriate air dry or force cure, MP282 can be wet sanded with P400 followed by P600 or dry sanded with P360 followed by P500. After sanding, a minimum film build of 1.5 mils is recommended for optimum performance.

Dry Times



Between coats:

5-10 minutes at 70° (21°C)



Air Dry:

1½ -3 hours to sand and topcoat at 70°F (21°C)



Force Dry:

20 - 30 minutes at 140°F (60°C) metal temperature to sand and topcoat



Infrared:

10 - 15 minutes



Topcoat:

Air Dry

1½ -3 hours to sand and topcoat

Force Dry

After cool down

Clean Up

The SX1069 Roller Pans are designed to be solvent resistant and may be cleaned and re-used. Clean all equipment thoroughly with 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 and materials.

Properties

VOC

Package

4.01 lbs. /gal.

Applied (4:1:1)

4.66 lbs. /gal.

Film Build Per Coat

Applied (4:1:1)

1.5 - 2 mils

Square foot coverage at 1 mil, applied (4:1:1)

538 sq. ft. /gal., at 100% transfer

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.

