



PRODUCT INFORMATION



MP282 SV High Build 2K Primer Surfacer

Background

Omni™ MP282 is a fast drying, two component, gray, high build primer surfacer designed for today's automotive collision centers. MH283 Hardener should be used in cool to normal temperatures; MH284 should be used in hot temperatures or when a longer pot life is needed.

MP282 2K Urethane Surfacer

Primer

MP282 SV High Build 2K Primer Surfacer

Reducer

MR185 Fast, MR186 Medium, MR187 Slow, MR188 Very Slow

Hardener

MH283 SV High Build 2K Primer Hardener – **Normal Temp.**

MH284 SV High Build 2K Primer Hardener – **High Temp.**

Compatible Surfaces

Cleaned, sanded, and etch or epoxy primed steel, galvanized and aluminum
Sanded and cleaned body filler
Sanded and cleaned fiberglass and SMC
Cured, cleaned and sanded OEM and refinish coatings (Apply 2 full coats over sensitive finishes, completely overlapping substrate)

MP170 Epoxy Primer

MP176 Etch Primer

MP178 Plastic Primer

Preparation

Surface Cleaning

MX190 Cleaner
MX192 Plastic Cleaner

Sanding

120 – 180 grit on bare metal - For best performance, first apply MP176 Etch Primer or MP170 Epoxy Primer.
180 – 240 grit on old finishes / body filler

Mixing



MP282 : MR Reducer* : MH283 or MH284
4 : 1* : 1

* For high build applications the MR Reducer may be cut to 1/2 part

As a Spray Filler



MP282 : MH283 or MH284 Hardener
4 : 1

Pot life



1 hour at 70° (21°C) at 4:1:1
30 minutes at 70°F (21°C) at 4:1/2:1
20 minutes at 70°F (21°C) at 4:1

Note: MH284 hardener can be used when a longer pot life is needed

Mixing (cont.)

Additives

M193 Flex Add Add 10% to RTS MP282
MX200 Accelerator Add 1 oz. To RTS quart

Application

Coats



2 – 4 coats

Air Pressure



HVLP 8 – 10 psi at the air cap
Conventional 40 – 50 psi at the gun

Gun Setup

1.6 – 1.8 mm or equivalent

Dry Times

Between Coats



5 - 10 minutes at 70°F (21°C)

Air Dry at 70°F (21°C)



1 1/2 – 3 hours to sand and topcoat (4:1:1)
3 – 6 hours for high build applications (4: 1/2:1)
8 hrs. minimum for spray filter applications (4:1)

Force Dry



20 – 30 minutes at 140°F (60°C), to sand and topcoat

IR (Infrared)



10 – 15 minutes

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS 100 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 4.01 lbs. /gal.
Applied (4:1:1) 4.66 lbs. /gal

Film Build Per Coat (4:1:1)

Applied (4:1:1) 1.5 – 2.0 mils
Applied (4:1) 2.0 – 2.5 mils

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

Applied (4:1:1) 538sq. ft. / gal., no loss
Applied (4:1) 646 sq. ft. / gal., no loss

Limitations:

Omni™ AU and Omni™ SV 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.