



# PRODUCT INFORMATION



## MBP Acrylic Urethane Basecoat

### Background

MBP is a fast drying, high hiding, excellent matching acrylic urethane basecoat designed for today's value conscious body shops.

### MBP Acrylic Basecoat

#### Color

MBP Acrylic Basecoat

#### Reducer

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

### Compatible Substrates

Cured, cleaned & sanded OEM and refinish enamels  
MP170 Epoxy Primer  
MP176 Etch Primer - *Prime before topcoating*  
MP178 Plastic Primer  
MP180 2K Sealer  
MP181/281 1K Primer Surfacer  
MP182 2K Urethane Surfacer  
MP183 Compliant Sealer  
MP210 1K High Solids Primer  
MP211 2K High Solids Primer  
MP213 GP Sealer  
MX241/245 Polyester Primer  
MP282 SV High Build 2K Urethane Surfacer  
MP292 SV High Build Low VOC Primer

### Preparation

#### Surface cleaning

MX190 Cleaner, MX191 Low VOC Cleaner, MX192 Plastic Cleaner

#### Sanding

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer surfacers

### Application

#### Coats



2 coats or until hiding

#### Air pressure



HVLP 7 - 10 psi at the air cap  
Conventional 45 - 55 psi at the gun

#### Gun setup

1.3 - 1.5 mm or equivalent

### Mixing

#### Ratios



MBP : MR Reducer  
1 : 1

#### Tinting

When tinting MBP, toners should be offset with equal parts of M599 basecoat binder.

#### Additives

None

### Dry Times

#### Between coats



5 - 10 minutes at 70°F (21°C)

#### Air dry



Tape: 45 minutes  
Clear: 20 minutes minimum, 24 hours maximum at 70°F (21°C) to clearcoat

### Clean Up

Clean equipment with MR Reducer General purpose Solvent. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

### Properties

#### VOC

Package VOC Actual 4.26-5.78 lb./gal.  
511-693 g/l

Package VOC Regulatory 4.26-5.78 lb./gal.  
(Less water less exempt) 511-693 g/l

1:1 RTS VOC regulatory 5.54-6.30 lb./gal.  
(Less water less exempt) 664-755 g/l

#### Film build per coat

Applied (1:1) 0.5 - 0.6 mil

#### Square foot coverage at 1 mil

Applied (1:1) 159 - 198 sq. ft. / gal., no loss

### 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 (412) 434-4515; IN CANADA (514) 645-1320.

### Material Safety Data Sheet:

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG 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 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 Distributor for the most up-to-date information.