



MP182 2K Urethane Surfacer

Background

MP182 is a fast drying, two component, light brown, high build primer surfacer designed for today's automotive collision centers.

MP182 2K Urethane Surfacer

Primer

MP182 2K Urethane Surfacer

Hardener

MH165 Fast, MH166 Slow

Compatible Substrates

Cleaned, sanded, and etch primed steel, galvanized and aluminum
Sanded and cleaned body filler
Cured, cleaned and sanded OEM and refinish coatings (apply 2 full coats over sensitive finishes)
MP170 Epoxy Primer
MP176 Etch Primer
MP178 Plastic Primer
MX198 Polyester Primer
MP210 1K High Solids Primer
MP211 2K High Solids Primer

Preparation

Surface cleaning

MX190 Cleaner, MX191 Low VOC Cleaner, MX192 Plastic Cleaner

Sanding

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

Mixing

Ratios



MP182 : MH165 or 166
5 : 1



Pot life 1 hour at 70°F (21°C)

Additives

MX193 Flex Add Add 10% to RTS MP182

Tinting



MP182 : MTK Color : MH Hardener
4 : 1 : 1

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 - 1.8mm or equivalent

Dry Times

Between coats



10 - 15 minutes at 70°F (21°C)

Air dry



2 - 3 hours at 70°F (21°C) to sand and topcoat

Force dry

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

IR

8 - 12 minutes

Clean Up

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

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

Properties

VOC less water / less exempt

Package 4.50 lb./gal. / 539 gm/l
Applied (5:1) 4.50 lb./gal. / 539 gm/l
Tinted (4:1:1) 4.60 lb./gal. / 550 gm/l
Flexed w / MX193 (5:1:10%) 4.22 lb./gal. / 544 gm/l

Film build per coat

Applied (5:1) 1.5 - 2.0 mils

Square foot coverage at 1 mil

Applied (5:1) 608 sq. ft. / gal., no loss

Limitations

Omni™ MP or MX Primers should not be combined with components of other Product Lines.

Important

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.

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

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320.