



MAE Acrylic Enamel

Background

MAE is a fast drying acrylic enamel designed for today's economy minded collision centers.

MAE Acrylic Enamel

Color

MAE Acrylic Enamel

Reducer

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

Compatible Substrates

Cured, cleaned and sanded OEM and refinish coatings

MP170 Epoxy Primer

MP176 Etch Primer*

MP178 Plastic Primer

MP180 2K Sealer

MP181 1K Primer Surfacer

MP182 2K Urethane Surfacer

MX198 Polyester Primer

MP210 1K High Solids Primer

MP211 2K High Solids Primer

MP213 GP Sealer

*For optimum properties, MP176 should be overcoated with a primer surfacer or sealer before topcoating.

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

Mixing

Ratios



MAE : MR Reducer
4 : 1

Additives

MX194 Fisheye Elim. Add up to 1/2 oz to RTS quart

Tinting

MAE may be tinted up to 10% with OMNI™ AU mixing bases

Application

Coats



3 coats or until hiding

Air pressure



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

Gun setup

1.3 - 1.6 mm or equivalent

Dry Times

Between coats



5 - 10 minutes at 70°F (21°C)

Air dry



Dust: 10 Minutes
Tack: 30 - 40 minutes
Tape: 4 hours
Dry: 16 hours at 70°F (21°C) to polish and put into service.

Force Dry

30 minutes at 140°F (60°C), wait 8 hours to polish and put into service.

IR

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 4.5 lb./gal.
Applied (4:1) 5.0 lb./gal. max.

Film build per coat

Applied (4:1) 0.8 - 1.2 mils

Square foot coverage at 1 mil

Applied (4:1) 497 sq. ft. / gal., no loss

Limitations

Omni™ AU and Omni™ LV 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.