



PRODUCT INFORMATION



MAE Acrylic Enamel with Hardener

Background

MAE is a fast drying, two component acrylic enamel designed for economy minded collision centers. MAE may also be sprayed with the addition of MX201 Gloss Enhancer to improve gloss normally associated with clearcoating in one easy step.

MAE Acrylic Enamel w/MH Hardeners

Color

MAE Acrylic Enamel

Reducer

MR185 Fast, MR186 Medium, MR187 Slow, MR188 Very Slow, MR486 Fast, MR487 Medium, MR488 Slow

Hardener

MH101 Hardener
MH202 High Gloss Hardener

Compatible Substrates

Cured, cleaned and sanded OEM and refinish coatings
MP Series Epoxy Primers
MP176 Etch Primer*
MP178 Plastic Primer
MP180 2K Sealer
MP181 1K Primer Surfacer
MP182 2K Urethane Surfacer
MP213 GP Sealer
MP230 1K Enamel Sealer
MX241 / 245 Polyester Primers
MP282 2K Urethane Surfacer

*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

Standard

MAE : MR Reducers : MH101/MH202
8 : 1 : 1

Gloss Enhancer

MAE : MX201 : MH101/MH202 : MR Reducers
8 : 1 : 1 : 1-2



Pot life 8 hours at 70°F (21°C)

Additives

MX189 Retarder* Add 10% to RTS quart
MX193 Flex Add Add 10% to RTS quart
MX194 Fisheye Eliminator Add up to ½ oz to RTS quart
MX195 Accelerator Add 1 oz. to RTS quart
MX200 Accelerator Add 1 oz. to RTS quart

*Addition of retarder may result in a non-compliant ready to spray VOC. Verify local regulations prior to use.

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.

Mixing (cont.)

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: 30 Minutes
Tack: 1 - 2 hours
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 thoroughly with MR Reducer, 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 4.50 lbs/ gal.
Applied (MH101) 5.00 lbs/ gal. max
Applied (MH202) 5.00 lbs/ gal. max.

Film build per coat

Applied (MH101) 1.0 - 1.4 mils
Applied (MH202) 1.0 - 1.4 mils

Square foot coverage at 1 mil

Applied (MH101) 560 sq. ft. / gal., no loss
Applied (MH202) 570 sq. ft. / gal., no loss