MCV Acrylic Urethane

Background

MCV Acrylic Urethane is a single stage color system designed for fleet applications which require exceptional gloss and metallic control in a conventional solids product.

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Color

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Hardener

MFA362, MFA363, MFA364

Reducer

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

Compatible Substrates

Cured, cleaned and sanded OEM and fleet finishes

MP170 Epoxy Primer

MP176 Etch Primer*

MP178 Plastic Primer

MP180 2K Sealer

MP182 2K Urethane Surfacer

MP183 Compliant Sealer

MP184 Compliant 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 Compliant Cleaner, MX192 Plastic Cleaner

Sanding

280 - 320 grit (machine or dry hand) on old finishes and primers.

Mixing

Ratios



MFA MCV-Color MR Reducer 362/363/364



Pot life is approximately 6 hours at 70°F (21°C).

Mixing (cont.)

Tinting

Can only be tinted with M300 series tints.

Additives

Up to 6 oz. of MX200 Accelerator may be added per RTS Gallon.

Application

Coats



2 coats or until hiding.

Air pressure



HVLP 8 - 10 psi at the air cap Conventional 45 - 55 psi at the gun

Gun setup

1.3 - 1.6 mm or equivalent

Dry Times

Air dry at 70°F (21°C)



16 hours

Between coats



7 - 10 minutes

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS100 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

Package 3.3 to 3.5 lb./gal. max. Applied (4:1:2) 4.4 to 5.0 lb./gal. max.

Dry film build per coat

Applied (4:1:2) 0.8 - 1.0 mil Square foot coverage at 1 mil

Applied (4:1:2) 600 to 627 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 (304) 843-1300; IN CANADA (514) 645-1320.