

MLU 2.8 VOC Acrylic Urethane

Background

MLU is a fast drying 2.8 VOC Acrylic Urethane designed for use in manufacturing and industrial applications.

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Color

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Hardener

MMA535 HS Urethane Hardener

Accelerator

MX200 Accelerator

Compatible Substrates

Cured, cleaned and sanded original finishes

MP170 Epoxy Primer

MP176 Etch Primer*

MP180 2K Sealer

MP181 1K Primer Surfacer

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 primed before topcoating.

Preparation

Surface cleaning

MX190 Cleaner, MX191 Compliant Cleaner Sanding

180-220 grit (machine or dry hand) on bare metal and case hardened coatings.

Mixing

Ratios



MX200 Additive* MLU MMA535 6 oz. per RTS Gal.

Thinning

MLU can be thinned up to 10% with MR reducers **Additives**

*MX200 Accelerator *must* be added at 6 oz. per RTS gal.

Application

Coats



1 -2 coats

Air pressure



HVLP 10 psi at the air cap Conventional 50 - 65 psi at the gun

Gun setup

1.3 - 1.6 mm or equivalent

Dry Times

Air Dry at 70°F (21°C)



Between Coats: 10 - 15 minutes

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To Touch: 30 - 45 minutes To Handle: 2 - 21/2 hours Dry: 24 hours Recoat: up to 7 days

Allow 10 minutes purge Force Dry:

Bake at 180°F: 15 minutes Bake at 140°F: 20 minutes

Bake at 120°F: 30 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 VOC Actual 2.73-3.19 lb/gal. 327-382 g/l Package VOC Regulatory 2.73-3.19 lb/gal. (Less water less exempt) 327-382 g/l 4:1+6 oz. RTS VOC Regulatory 2.44-2.80 lb./gal (Less water less exempt) 292-335 g/l

4:1+6 oz. +10% thinner 2.82-3.16 lb/gal. RTS VOC Regulatory 338-379 g/l

(Less water less exempt)

Dry film build per coat

Applied (4:1) .85 - 1.1 mils Square foot coverage at 1 mil

995 - 1059 sq. ft. / gal., no loss Applied (4:1)

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.