



# PRODUCT INFORMATION



## MCV Basecoat

### Background

MCV Basecoat is a fast drying, acrylic basecoat designed for today's fleet refinish centers. MCV Basecoat must be clearcoated with one of the MC Clears.

### MCV Basecoat

#### Color

MCV Acrylic Basecoat

#### Hardener

MFA360 High Solids CV Hardener

#### Basecoat Converter

M300 Basecoat Maker

### 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



Minimum 1/2 part M300



Maximum 1 part M300

MCV Basecoat    M300    MFA360  
4                    : 1/2 - 1    :            1



Pot life is approximately 2 hours at 70°F (21°C).

### Mixing (cont.)

#### Tinting

Can be tinted with M300 series tints only.

#### Additives

none

### Application

#### Coats



2 - 3 medium coats

#### Air pressure



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

#### Gun setup

1.3 - 1.6 mm setup or equivalent

### Dry Times

#### Air dry at 70°F (21°C)



10 - 15 minutes minimum, 24 hours maximum to clearcoat

#### Between coats



5 - 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                                3.7 lb./gal. max.  
Applied (4:1/2:1)                    3.5 lb./gal. max.  
Applied (4:1:1)                      3.5 lb./gal. max.

#### Dry film build per film coat

Applied (4:1/2:1)                    0.75 - 1.25 mils

#### Square foot coverage at 1 mil

Applied (4:1/2:1)                    840 - 855 sq. ft. / gal., no loss  
Applied (4:1:1)                      840 - 855 sq. ft. / gal., no loss

<b>RTS Combinations:</b>	MCV color (package)	MCV : M300 : MFA360	MCV : M300 : MFA360
<b>Volume Ratio:</b>	N/A	4 : 1/2 : 1	4 : 1 : 1
Applicable Use Category	Color Coating	Color Coating	Color Coating
VOC Actual (g/L)	349-367	347-359	359-371
VOC Actual (lbs/gal)	2.91-3.06	2.90-3.01	3.00-3.10
VOC Regulatory (less water less exempt) (g/L)	349-367	347-359	359-371
VOC Regulatory (less water less exempt) (lbs/gal)	2.91-3.06	2.90-3.01	3.00-3.10
Density (g/L)	1023-1188	1016-1136	1005-1116
Density (lbs/gal)	8.54-9.91	8.48-9.48	8.39-9.31
Volatiles wt. %	30.9-34.1	31.7-34.2	33.3-35.8
Water wt. %	0.0	0.0	0.0
Exempt wt. %	0.0	0.0	0.0
Water vol. %	0.0	0.0	0.0
Exempt vol. %	0.0	0.0	0.0
Solids vol. %	57.7-59.6	58.1-59.5	56.6-57.8
Sq Ft. Coverage / U.S.gal. 1 mil. @ 100% transfer efficiency	N/A	932-954	908-927

### 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.