

MBC Acrylic Basecoat 4.5 BC/CC Rule

Background

MBC is a fast drying, acrylic basecoat designed for today's automotive collision centers. MBC must be clearcoated with any compliant MC clear including MC159, MC257 and MC262.

MBC Acrylic Basecoat

Color

MBC Acrylic Basecoat

Reducer

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

Compatible Substrates

Cured, cleaned & sanded OEM and refinish enamels
Any compliant Omni primer including:
MP176 Etch Primer - *Prime before topcoating*
MP178 Plastic Primer
MP183 Compliant Sealer
MP184 Compliant Surfacer
MX198 Polyester Primer
MP210 1K High Solids Primer
MP211 2K High Solids Primer
MX241/245 Polyester Primer

Preparation

Surface cleaning

Any compliant MX cleaner including MX191.

Sanding

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer surfacers

Application

Coats



2 coats or until hiding

Air pressure



HVLP 7 - 10 psi at the air cap
Conventional 45 - 55 psi at the gun

Gun setup

1.3 - 1.5 mm or equivalent

Mixing

Ratios



| | | |
|------------|---|-------------------|
| <u>MBC</u> | : | <u>MR Reducer</u> |
| 1 | | 1 |

Tinting

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

Additives

None

Dry Times

Between coats



5 - 10 minutes at 70°F (21°C)

Air dry



Tape: 45 minutes
Clear: 20 minutes minimum, 24 hours maximum at 70°F (21°C) to clearcoat

Clean Up

Clean equipment with General Purpose Solvent. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

Properties

VOC

Package VOC Actual 4.39-5.78 lb./gal.
526-693 g/l

Package VOC Regulatory 4.39-5.78 lb./gal.
(Less water less exempt) 526-693 g/l

1:1 RTS VOC Regulatory 5.61-6.29 lb./gal.
(Less water less exempt) 672-754 g/l

Film build per coat

Applied (1:1) 0.5 - 0.6 mil

Square foot coverage at 1 mil

Applied (1:1) 159 - 198 sq. ft. / gal., no loss

Limitations

Omni™ AU and Omni™ LV should not be combined with components of other product lines.

Precautionary Information:

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.

Medical Response:

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412)434-4515; IN CANADA (514) 645-1320.

Material Safety Data Sheet:

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG Omni Distributor.

For additional information regarding this product, see the MSDS and label information.

To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries is constantly improving its coating and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your Omni Distributor for the most up-to-date information.