



## MBC Acrylic Basecoat 3.5 BC/CC Rule

### Background

OMNI™ MBC is a fast drying, acrylic basecoat designed for today's automotive collision centers. MBC must be clearcoated with any compliant *Omni* clearcoat.

### Components

**Color**

MBC Acrylic Basecoat

**Reducer**

MR185 Fast 55-65°F (13-18°C)

MR186 Medium 65-75°F (18-24°C)

MR187 Slow 75-85°F (24-29°C)

MR188 Very Slow 85-95°F (29-35°C)

### Compatible Products

**Can be applied over:**

Cured, cleaned and sanded OEM and refinish coatings

MP871 2.1 VOC Epoxy Primer - Gray

MP831 2.1 VOC 1K Primer Surfacer - Gray

MP80x 2.1 VOC Multi-Purpose Primers

MP89x 2.1 VOC Urethane Sealers

**Can be topcoated with:**

MC730 2.1 VOC Production Clear

MC760 2.1 VOC Universal Clear

MC770 2.1 VOC High Gloss Urethane Clear

MC262 2.1 VOC 4+1 Urethane Clear

MC2910 2.1 VOC EUROPLUS™ Multi-Panel Clearcoat

### Preparation

**Surface Cleaning:**

SXA330 Wax and Grease Remover

SWX350 (H<sub>2</sub>O-SO-CLEAN™)

SX1009 2.9 VOC Bug and Tar Remover

**Sanding**

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

### Mixing

**Ratios**

MBC	:	MR Reducer
1	:	1

**Pot Life:**

Indefinite

**Tinting:**

MBC may be tinted up to 10% with *Omni* AU mixing bases and equal parts of M150 basemaker.

**Additives:**

None

### Air Pressure and Gun Setup

**HVLP:**

8 - 10 psi at the air cap

**Compliant:**

29 - 40 psi at the gun

**Gun Setup:**

1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

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## Application

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**Coats:** 2 - 3 coats or until proper color is achieved

## Dry Times

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**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

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Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS251 Multi 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

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### VOC

Package VOC Actual	4.39 - 5.78 lb./gal. (526 - 693 g/L)
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Package VOC Regulatory (Less Water, Less Exempt)	4.39 - 5.78 lb./gal. (526 - 693 g/L)
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1:1 RTS VOC Regulatory (Less Water, Less Exempt)	5.61 - 6.29 lb./gal. (672 - 754 g/L)
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### Film Build Per Coat

Applied (1:1)	0.5 - 0.6 mil
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### Sq. Ft. coverage at 1 mil

Applied (1:1)	159 - 198 sq. ft. per gallon at 100% transfer
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### Limitations

*Omni* products 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 use. 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 of 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**

### See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Omni* brand distributor. 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* brand distributor or visit [www.ppgrefinish.com](http://www.ppgrefinish.com) for the most up-to-date information.

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