# MBC Acrylic Basecoat 3.5 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 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
- MP211 2K High Solids Primer
- MX241/245 Polyester Primer

## Preparation
### Surface cleaning
Any compliant MX cleaner.

### 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
MBC : MR Reducer
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

## 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

### Clean Up
Clean equipment with General Purpose Solvent.

## 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.