

## M199 Basecoat Blender

### Background

OMNI® M199 Basecoat Blender is for use as a color blender when added to *Omni* MBC or MBP basecoat colors. M199 aids in transitioning the color into the blend area. It may also be applied to the repair area as a wet bed prior to applying basecoat color. Not intended as a topcoat clear, M199 must be clearcoated for exterior use.

### Components

#### Blender

M199 Basecoat Blender

#### 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:

Cleaned, cured and sanded OEM and refinish coatings.  
 MP17x Epoxy Primers  
 MP178 Plastic Primer  
 MP281 1K Light Gray Primer Surfacer  
 MP282 High Build 2K Primer Surfacer  
 MP182 2K Urethane Surfacer  
 MP213 2K GP Sealer  
 MP23x 2K Urethane Sealers

#### Can be topcoated with:

MC50 GP Clearcoat  
 MC250 Urethane Clearcoat  
 MC270 4.2 VOC Production Clear  
 MC260 Quick Clear  
 MC161 High Solids Urethane Clear  
 MC2800 EUROPLUS® Speed Clear

### Preparation

#### Surface Cleaning:

MX190 Cleaner  
 MX192 Plastic Cleaner  
 SXA330 Wax and Grease Remover  
 SWX350 (H<sub>2</sub>O-SO-CLEAN®) Waterborne Pre-Cleaner

#### Sanding

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

### Mixing



#### Ratios:

$$\frac{\text{RTS} : \text{MR18x} : \text{MBC / MBP Color}}{1 : 1 : 1}$$

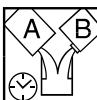
After proper color has been achieved, the ready to spray basecoat blender mixture is then mixed 1:1 with ready to spray MBC or MBP basecoat. Apply 1 - 2 medium coats onto the blend area extending each coat just beyond the first.



#### Wet Bed:

$$\frac{\text{M199} : \text{MR18x}}{1 : 1}$$

M199 may also be mixed at 1:1 with MR reducer and applied as a wet bed to the entire repair panel or blend area as needed prior to applying basecoat color.



#### Pot Life:

Indefinite

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## Air Pressure and Gun Setup

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<b>HVLP:</b>	8 - 10 psi at the air cap
<b>Compliant:</b>	29 - 40 psi at the gun
<b>Gun Setup:</b>	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



<b>Coats:</b>	1 - 2 coats or until blend is achieved
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See MBC or MBP product bulletins for additional information.

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## Dry Times



<b>Between Coats:</b>	5 - 10 minutes at 70°F (21°C)
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<b>Air Dry:</b>	Dry:	30 minutes minimum, 24 hours maximum at 70°F (21°C) to clearcoat.
	Tape:	45 minutes

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## Clean Up

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.

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## Properties

### VOC

Package	5.72 lb./ gal. (693 gm/L)
Applied (1:1) with MBC/MBP color	6.27 lb./ gal. max. (721 gm/L)

### Film build per coat

Applied (1:1)	0.5 - 0.6 mil
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### Square foot coverage at 1 mil

Applied (1:1)	159 sq. ft. per US 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 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 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 Safety Data Sheet and Labels for additional safety information and handling instructions.

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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