

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
MP281 1K Light Gray Primer Surfacer
MP282 High Build 2K Primer Surfacer
MP213 2K GP Sealer
MP23x 2K Urethane Sealers
OneChoice® Plastic Adhesion Promoter

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 (H₂O-SO-CLEAN®) Waterborne Pre-Cleaner

Sanding

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

Mixing



Ratios:

RTS	:	MR18x	:	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:

M199	:	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

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.

Application



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

Dry Times



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

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.

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 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 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 for the most up-to-date information.

