

MBC Acrylic Basecoat

Background

MBC is a fast drying, acrylic basecoat designed for today's automotive collision centers. MBC must be clearcoated with one of the MC clears.

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Color

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Reducer

MR185 Fast (55°F-65°F), MR186 Medium (65°F-75°F), MR187 Slow (75°F-85°F), MR188 Very Slow (85°F-95°F)

Compatible Substrates

Cured, cleaned & sanded OEM and refinish paints
 MP170 Epoxy Primer - Gray
 MP171 Epoxy Primer - White
 MP172 Epoxy Primer - Black
 MP176 Etch Primer - *Must be Primed before topcoating*
 MP178 Plastic Primer
 MP180 2K Sealer
 MP182 2K Urethane Surfacer
 MP213 GP Sealer
 MP243 Polyester Primer
 MP281 1K Primer Surfacer
 MP282 2K Urethane Surfacer
 MP801 2.1 VOC Multi Purpose Primer - White
 MP802 2.1 VOC Multi Purpose Primer - Gray
 MP803 2.1 VOC Multi Purpose Primer - Black

Preparation

Surface cleaning

MX190 Cleaner, MX192 Plastic Cleaner, SXA330 Wax and Grease Remover, SWX350 H₂O-So-Clean

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

Pot Life Indefinite

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 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 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. @ 100% transfer

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 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.