



MANN BROTHERS PREMIUM PAINTS & FINISHING PRODUCTS

758 N. La Brea Blvd., Hollywood, CA 90038 TEL: 323.936-5168

PRODUCT DATA SHEET

#277-01 MB DTM Semi Gloss 100% Acrylic Enamel

DESCRIPTION	MB DTM Semi Gloss is a premium quality, high performance waterborne semi gloss enamels designed for high traffic interior-exterior areas of commercial, institutional, residential and industrial structures. These products provide corrosion protection, chemical and solvent resistance, and are fast drying with low odor.
FEATURES	Excellent adhesion for true DTM performance in Pastel Base & Ready mix colors. Bonds to glossy Excellent color retention and alkyd-like hardness and durability. Good abrasion resistance. Washable and scrubable with mild detergents. Highly flexible – resist peeling and chipping. High hiding and flash rust resistant. Easy to apply, low odor and water clean up. Performance offset to Federal Standards TT-E-2784 and MIL-P-28578b
PRODUCT DATA	<p><u>Color:</u> White and custom colors.</p> <p><u>Finish:</u> Semi-Gloss, 50-60 @60 degree Gloss Meter</p> <p><u>Weight/Gallon:</u> 10.6 lbs./gal – varies with colors</p> <p><u>VOC:</u> 100 g/L</p> <p><u>Volume Solids:</u> 43.5 % +/- 2 %</p> <p><u>Weight Solids:</u> 53.1 % +/- 2 %</p> <p><u>Coverage:</u> 200-350 sq ft/gal Actual coverage may vary depending on substrate and application method.</p> <p><u>Film Thickness:</u> 1.5-3.0 mils dry and 4.0-8.2 mils wet</p> <p><u>Dry time:</u> To touch – 1 hour, to recoat – 2 hours at 77 F and 50% RH. Actual drying time may vary due to temperature, humidity, thickness of film or poor ventilation</p> <p><u>Clean up:</u> Soap and water</p>
COLOR	White, Black, and tinting bases. Most of custom colors are available upon request.
USE	May be applied directly to interior and exterior steel and aluminum, and to properly prepared galvanized metal, wood or masonry surfaces. Do not use on large wood structures outside or for immersion surfaces.
SURFACE PREP	All surfaces must be sound, dry, clean, and free of oil, grease, wax, release agents, curing compounds, flaking paint and other foreign materials. Patch all cracks, voids and holes with appropriate patching or caulking material. Allow concrete or stucco to cure before application of primer and finish coats. Pre treat all galvanized, non-ferrous metal. Where appropriate bare areas should be primed with a suitable primer.



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New Surfaces: Steel and Aluminum – Best results are obtained over a surface abrasive blasted to commercial blast cleanliness(SSPC-SP6).

Performance over hand or power tool cleaned surfaces is dependent on the degree of cleaning. Solvent Clean per SSPC-SP1 to remove grease and oils.

Galvanized Metal – Solvent Clean per SSPC-SP1 to remove grease and oils. If any oxidation(white rust) has formed, sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded by Brush –Off Blast Clean per SSPC-SP7 or chemically treat the surface.

Concrete, Plaster and Masonry – Allow all concrete, mortar, plaster, etc. to cure for thirty days under normal drying conditions. Concrete which has been treated with curing compounds or hardeners, should be thoroughly abraded. Remove all dirt, dust, grime, loose mortar all other forms of contamination.

Wood – Interior, set nails and fill holes with spackle. Sand smooth and dust clean. Self prime or prime with #73-01 primer. Do not use this product with lacquer undercoats.

Previously Painted Surfaces: Power wash, scrape, sand and completely clean to remove any dirt, rust, chalk, grease, oil, wax, loose paint or any other foreign materials. Glossy surfaces should be dulled down for good adhesion. Old coating should be tested for adhesion of this product. Prime bare areas with primer specified under new surfaces. Can be used self primed over previously painted surfaces followed by a finish coat of this product.

Warning! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

RECOMMENDED PRIMER:

- Stucco/Concrete:** 71-01 – EVERBOND CONCRETE PRIMER
- Wood:** 73-01 - TOTAL PREP PRIMER
- Metal:** 74-00 - ALKYD METAL PRIMER
- 61-01 – FERRO CHEM METAL PRIMER
- 270-01 – Miracryl DTM Primer

APPLICATION

Brush, roll or spray.

THINNING

Water. Not required. Use at package consistency.

Warning ! Harmful if inhaled. May cause dizziness, headache or nausea. Causes eye, skin and respiratory irritation. May be harmful if swallowed. Over exposure may cause blood, liver, kidney damage. Use only with adequate ventilation. Keep out of the reach of children. Keep from freezing.