



## PRODUCT DATA SHEET

### #270-01 MB DTM Primer

<b>DESCRIPTION</b>	MB DTM Primer is an advanced technology, premium quality, 100% acrylic waterborne low luster primer designed for use as a protective maintenance rust inhibitive direct-to-metal(DTM) primer and finish. Bonds to clean glossy, hard surfaces such as aged oil base or alkyd enamels without sanding.
<b>FEATURES</b>	Excellent adhesion – bond to clean glossy surface. Direct-to-metal or masonry primer for interior and exterior use. Wood for interior. Low VOC, low odor Flash rust and corrosion resistant. Easy to apply by brush, roll or spray. Water clean up. Performance offset to Federal Standards TT-P-1975 and MIL-P-28577B.
<b>PRODUCT DATA</b>	<b><u>Color:</u></b> White(270-01), Red Oxide(270-20). <b><u>Finish:</u></b> Low Luster, 8-15 @60 degree Gloss Meter <b><u>Weight/Gallon:</u></b> 11.2 lbs./gal – varies with colors <b><u>VOC:</u></b> 68 g/L <b><u>Volume Solids:</u></b> 44 % +/- 2 % <b><u>Weight Solids:</u></b> 52 % +/- 2 % <b><u>Coverage:</u></b> 200-350 sq ft/gal Actual coverage may vary depending on substrate and application method. <b><u>Film Thickness:</u></b> 2.0-3.0 mils dry and 5.0-7.0 mils wet <b><u>Dry time:</u></b> To touch – 30 Minutes, 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 <b><u>Clean up:</u></b> Soap and water
<b>COLOR</b>	White and Red Oxide.
<b>USE</b>	On properly prepared interior or exterior metal surfaces, in light to moderate industrial climates for maintenance or new construction. Excellent primer for galvanized metal, aluminum, and ferrous metal. Ideal for metal buildings, structural steel, piping, hand rails and masonry buildings.
<b>SURFACE PREP</b>	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. <b><u>New Surfaces: Steel and Aluminum</u></b> – 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. <b><u>Galvanized Metal</u></b> – Solvent Clean per SSPC-SP1 to remove grease and oils.



## **MANN BROTHERS PREMIUM PAINTS & FINISHING PRODUCTS**

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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.

**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 this primer specified under new surfaces. Can be used over previously painted surfaces followed by a finish coat.

**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](http://www.epa.gov/lead).**

### **OTHER PRIMERS**

**Stucco/Concrete:** 71-01 – EVERBOND CONCRETE PRIMER  
**Wood:** 73-01 - TOTAL PREP PRIMER(EXTERIOR)  
**Metal:** 74-00 - ALKYD METAL PRIMER  
61-01 – FERRO CHEM METAL 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.**