



# PRODUCT DATA

## 1. PRODUCT NAME

**MEGAFLEX™ M-800 Metal Primer**

## 2. MANUFACTURER

**MEGA Industries Corporation**  
**PO Box 9096**  
**Phoenix, AZ 85068**  
**(800) 772-7205**  
**(602) 381-9907 (Fax)**

## 3. DESCRIPTION

**MEGAFLEX™ M-800 Metal Primer** is a proprietary water based 100% acrylic polymer resin formula and is light red in color. This high performance primer is a rapidly polymerized, UV radiant curing material. Contains rust inhibitors. Contains no plasticizers, lead or mercury.

For use over metal roofing, metal buildings, pipes and steel tanks. When applied in accordance with specifications, this thin viscosity primer fills tiny surface irregularities, resists rust and enhances adhesion between the metal and the finish coat.

<u>FEATURES</u>	<u>BENEFITS</u>
Rust Resistant	Provides resistance to rust, corrosion, salt spray and solvents.
Thin Viscosity	Evenly distributes the polymer resins onto the surface; fills minor surface irregularities and reduces the potential for pinholes.

Available in 5-gallon pails and 55 gallon drums.

**Colors:** **MEGAFLEX M-800 Metal Primer** is light red in color.

**Limitations:** Do not apply if rain is expected within twenty-four (24) hours of application. Ensure a minimum of four (4) hours of daylight remains after application to allow for proper UV curing. Allow more than four (4) hours drying time on cold and/or overcast days. Do not apply in high humidity or in the event of heavy fog. Do not apply if the ambient or surface temperature is, or will fall below, 50 °F, or above 100°F, before curing is complete. All surfaces must be completely dry prior to application as **M-800 Primer** forms a moisture vapor retardant barrier. Trapped moisture may cause the material to blister and delaminate. **KEEP FROM FREEZING!**

## 4. TECHNICAL INFORMATION

### Physical Properties:

<u>Properties</u>	<u>Test Method</u>	<u>Typical M-500</u>
Viscosity @ 73° F, KU	D 562	95-100
Solids by Volume, %	D 2697	> 35
Solids by Weight, %	D 1644	> 45
Dry Time: To Touch	-	1 Hour
To Recoat	-	2 Hours
Full Cure	-	16 - 24 Hours
Flash Point, °F	-	None

## 5. INSTALLATION

**Surface Preparation:** Remove all rust down to the bare metal surface prior to pressure washing. Surfaces to receive **M-800 Metal Primer** must be completely dry and free of dust, dirt, talc, sand, oil, grease, algae, fungi, mildew or any foreign matter that will prevent or inhibit proper adhesion. Prior to application, clean the entire surface with a water and detergent mixture using a 3,000psi minimum pressure washer. Rinse thoroughly with clean water and allow to dry.

Apply **M-800 Metal Primer** evenly at a rate of .33 gallons per 100 sf. May be applied over previously rusted areas in multiple coats for additional protection.

**M-800 Metal Primer** is not a finish coat and must be coated with the applicable base coat within seven (7) days.

## 6. AVAILABILITY AND COST

**MEGAFLEX** products are sold through **MEGA Approved Roofing Applicators and Distributors**. Contact Mega Ind. For further information.

## 7. WARRANTY

**MEGA Industries Corporation** provides a five (5) year material warranty which covers the replacement of the material should the material be found to have manufacturing defects.

## 8. MAINTENANCE

The roof surface and penetrations are maintenance items and should be inspected twice a year, in the spring and fall.