

METAL MASTER PRIMER

508901x White
508995x Red Oxide
508998x Gray

PRODUCT DESCRIPTION

A PIGMENTED WATERBORNE ACRYLIC LATEX PRIMER

VOC Compliant

Basic Use: A water soluble corrosion resistant coating for priming all exterior or interior ferrous metal surfaces such as structural steel, bridges, tanks, towers, piping, sash and trim metal door and frames, ornamental iron, gutters, fire escapes, and miscellaneous metal objects. It is flash rust resistance and possesses the rust resistant and film forming properties typically associated with standard solvent-borne type primers. Metal Master resists attack by many caustic solutions, light industrial fumes and chemicals. Water based means low solvent emissions, fast drying, easy clean up and low odor.

Packaging:

Stocked in single and five gallon containers.

Finish: A durable satin sheen.

Thinning: None recommended. Clean water may be used only if necessary.

Spreading Rate: 300 square feet per gallon will result in 1.5 mil dry film thickness (allowing 20% loss factor).

Dry Film Thickness: 1.5 to 2 mils.

Light Reflectance: 93% as white, lower on colors.

Viscosity Range: 68 to 72 Krebs Units.

Odor: Mild dominant odor of ammonia.

Toxic Properties: Non-toxic as a dry film.

Resistance to Moisture: Excellent.

Weight: 10.6 lbs. per gallon.

Solids Weight: 51% ± 2%

Solids Volume: 37% ± 2 %

Theoretical VOC:

1.8 lbs. per gallon. 217 grams per liter.

SURFACE PREPARATION

Metal:

Galvanized: Can be applied directly to clean metal surfaces.

Ferrous: Can be applied directly to clean metal surfaces.

Aluminum: Prime with 709700x Vinyl Wash Primer Vinyl Wash Pretreatment.

Masonry/Concrete:

Not recommended but can be used satisfactorily.

Wood:

Not recommended.

APPLICATION

Method:

Airless with .011 or .013 tips or conventional air atomizing gun, brush or roller.

Use a good quality synthetic brush.

DRY TIME

At 77° Fahrenheit and 50% Relative Humidity:

15 to 20 minutes.

2 to 4 hours - Recoat.

At 45° Fahrenheit:

Need overnight air dry before subjection to rain.

FORCE AIR: On 110° Fahrenheit preheated steel apply 105° Fahrenheit paint, subject to high air flow, yields dry to touch in 45 seconds.

HOT SPRAY: 50° Fahrenheit steel, 105° Fahrenheit paint dries to touch in 3 to 5 minutes.

BAKE: Flash two minutes, bake 20 minutes at 125° Fahrenheit to handle, cool 7 minutes minimum before stacking. Check block resistance.

CLEAN UP

Clean Up: Immediately clean with warm soapy water. Dry or partially dry films may require solvent cleaning (such as with 799260x Synthetic Reducer).

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