



METAL PRIMER

DESCRIPTION AND USES

Zinsser® Metal Primer is a high performance primer designed for application to heavily rusted and clean metal surfaces. This primer increases corrosion control and promotes topcoat adhesion and helps prevent chipping, cracking and peeling. Use of Zinsser Metal Primer eliminates the need for multiple coats of enamel finish. Not for use on galvanized steel.

PRODUCTS

SKU	Container Size
272483	1-Gallon Flat Red (400 VOC)
272484	1-Gallon Flat Red (100 VOC)

PRODUCT APPLICATION

PAINTING CONDITIONS

Apply only when air and surface temperatures are between 50-90°F (10-32°C) and humidity is below 85% to ensure proper drying. Do not apply to surfaces that will exceed 200°F (93°C).

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with a commercial detergent or other suitable cleaning method. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

STEEL: Scrape and wire brush or power tool clean to remove all loose rust, scale and deteriorated previous coatings.

PREVIOUSLY COATED: Previously coated surfaces must be sound and in good condition. Smooth, hard, or glossy finishes should be scarified by sanding to create a surface profile. Zinsser Metal Primer is compatible with most coatings, but a test patch is suggested. **WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead paint 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.

PRODUCT APPLICATION (cont.)

APPLICATION

Before using, stir thoroughly to ensure any settled pigment is re-dispersed. If necessary, thin the material with mineral spirits. For brush or roller, thin no more than 5% with mineral spirits. Do not thin with gasoline, lacquer thinner, turpentine, etc. Apply with a good quality brush, roller or spray gun.

Brush: Use light, even strokes. Excessive brushing reduces film thickness and protection.

Roller: A 3/8" nap roller should be used on rough surfaces. Cover approximately one square yard at a time. Roll away from previously coated area and work back to it for a uniform appearance. Use a brush on crevices and sharp edges.

Spray Gun: Follow spray gun directions carefully. Always keep the gun ten to twelve inches from the surface and in motion while spraying. For airless spray, use a .015-.017 tip at 1800 psi.

DRY & RECOAT

Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures and higher humidity. 272483 will dry to the touch in 4-6 hours and can be recoated after 24 hours. 272484 will dry to the touch in 5-7 hours and can be recoated after 24 hours.

CLEAN-UP

Clean brush and tools with Mineral Spirits. Wipe up splatters before they dry. Follow manufacturer's instructions to clean spray equipment.

**TECHNICAL DATA****METAL PRIMER****PHYSICAL PROPERTIES**

		400 VOC FLAT RED PRIMER	100 VOC FLAT RED PRIMER
Resin Type		Modified Alkyd	Modified Alkyd
Pigment Type		Iron Oxide, Calcium Borosilicate	Iron Oxide, Calcium Borosilicate
Solvents		Aliphatic Hydrocarbons	Aliphatic Hydrocarbons
Weight	Per Gallon	11.5 lbs.	12.2 lbs.
	Per Liter	1.38 kg	1.46 kg
Solids	By Weight	71.2%	62.2%
	By Volume	48.6%	48.0%
Volatile Organic Compounds		<400 g/l (3.33 lbs./gal.)	<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		2.5-3.0 mils (62.5-75 μ)	2.5-3.0 mils (62.5-75 μ)
Wet Film to Achieve DFT (Unthinned material)		5.0-6.0 mils per coat (125-150 μ)	5.0-6.0 mils per coat (125-150 μ)
Theoretical Coverage at 1 mil DFT (25μ)		779 sq.ft./gal. (18.8 m ² /l)	
Practical Coverage at Recommended DFT (assume 15% material loss)		265-450 sq.ft./gal. (6.5-11.0 m ² /l)	265-450 sq.ft./gal. (6.5-11.0 m ² /l)
Dry Times at 70F (21°C) and 50% Relative Humidity	Touch	4-6 hours	5-7 hours
	Recoat	24 hours	24 hours
Shelf Life		5 years	5 years
Flash Point		>108°F (42°C)	>108°F (42°C)
Safety Information		For additional information, see MSDS	

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