



**RUST-OLEUM<sup>®</sup> COMMERCIAL  
 UNIVERSAL ALKYD PRIMER**

**DESCRIPTION AND USES**

Commercial Universal Alkyd Primer is a high solids, low VOC, oil-based primer designed for interior or exterior surfaces where an oil-base primer is desired. Universal Alkyd Primer is suitable for nearly all surfaces. It can be used as a DTM coating. It also has fast dry time. **Not for use on galvanized steel.**

Although it is primarily intended to be used on metal, it has excellent adhesion to smooth surfaces as well. Universal Alkyd Primer is recommended for application on interior and exterior metal surfaces where optimal surface preparation is not an option.

MPI #76, #79 Certified. (Refer to the MPI website for the most current listing of MPI certified products.)

**PERFORMANCE CHARACTERISTICS**

- DTM alkyd primer
- Fast drying – Recoat in less than 2 hours
- Sticks to all surfaces and sands easily
- Designed for interior and exterior surfaces
- High hiding formula
- Easy paint thinner clean-up
- Rust resistant

**PRODUCTS**

1-Gallon	5-Gallon	DESCRIPTION
302140	302139	White
330142	330144	Gray
330143	330145	Red

**PRODUCT APPLICATION**

**SURFACE PREPARATION**

**ALL SURFACES:** Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Krud Kutter<sup>®</sup> Original Cleaner Degreaser, commercial detergent or other suitable cleaner. Rinse thoroughly with fresh water and allow to fully dry. If any mold or mildew is present on the surface clean further with one quart of household bleach added to a gallon of water. Rinse with clean water. Severely mildewed areas should be cleaned with a chlorinated cleansing powder and thoroughly rinsed with water. All surfaces must be dry at time of application.

**STEEL:** Hand tool (SSPC-SP-2) or power tool (SSPC-SP-3) clean to remove loose rust, mill scale, and deteriorated previous coatings. Abrasive blasting to a minimum Commercial Grade (SSPC-SP-6, NACE 3) with a 1-2 mil (25-50 μ) surface profile is recommended for optimal performance. Abrasive blast cleaned steel requires two coats.

**PRODUCT APPLICATION (cont.)**

**SURFACE PREPARATION (cont.)**

**PREVIOUSLY COATED:** Previously coated surfaces must be sound and in good condition. If some of the previous coating has been removed, featheredge the terminal edge by sanding to form a smooth transition to the substrate. Universal Alkyd Primer is compatible with most coatings, but a test patch is suggested.

**MIXING**

Mix thoroughly to ensure any settled pigment is re-dispersed. If thinning is required, use mineral spirits or xylene.

**COLOR/TINTING**

Universal Alkyd Primer is white but may be tinted to off-white and pastel shades by adding no more than 2 oz. (59 ml) universal colorant per gallon. Tinting the primer towards the topcoat improves the hiding power of the topcoat.

**APPLICATION**

Apply only when air, material, and surface temperatures are between 40-90°F (4-32°C) and the relative humidity is less than 85%. Mix thoroughly to ensure any settled pigment is re-dispersed before using. In most cases only one coat is necessary to prime most surfaces. If excessive absorption occurs over very porous substrates a second coat may be necessary. Spot priming is recommended only under high-hiding topcoat paints. For best results, prime entire surface before painting. Apply with a high quality natural or synthetic brush, roller, pad or sprayer. Follow manufacturer's instructions when using spray equipment. For airless spraying, use a 0.015 to 0.017" tip at 1800 to 2200 psi.

**DRY TIME**

Dry times are based on 70°F (21°C) and 50% relative humidity. In most cases Universal Alkyd Primer will dry to the touch in 35 minutes and can be recoated after 2 hours. The dry primer film develops full adhesion in 4-7 days. Lower temperatures, higher humidity and the addition of tint will prolong the dry and cure time.

**CLEAN-UP**

Clean up spills and paint drips with a rag soaked in mineral spirits or paint thinner. If spills or drips have dried, use paint remover. Application tools may be cleaned using paint thinner. Follow manufacturer's directions to clean spray equipment. Dispose of unused or unwanted product in accordance with local laws regulating solvent-based coatings.

	<b>TECHNICAL DATA</b>	<b>CM-08</b>
<b>RUST-OLEUM® COMMERCIAL UNIVERSAL ALKYD PRIMER</b>		

### PHYSICAL PROPERTIES

		UNIVERSAL ALKYD PRIMER
<b>Resin Type</b>		VT Modified Alkyd
<b>Pigment Type</b>		Calcium Carbonate, Talc, Titanium Dioxide
<b>Solvents</b>		Aromatic Hydrocarbons
<b>Weight</b>	<b>Per Gallon</b>	12.3 lbs.
	<b>Per Liter</b>	1.48 kg
<b>Solids</b>	<b>By Weight</b>	77.2%
	<b>By Volume</b>	57.4%
<b>Volatile Organic Compounds</b>		336 g/l (2.80 lbs./gal.)
<b>Recommended Dry Film (DFT) Per Coat</b>		3.5-4.5 mils (87.5-112.5µ)
<b>Wet Film to Achieve DFT (Unthinned material)</b>		6.0-8.0 mils (150-200µ)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		200-250 sq.ft./gal. (4.9-6.2m <sup>2</sup> /l) @ 3.5-4.5 mild DFT Depends on surface porosity and application method
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Touch</b>	35 minutes
	<b>Recoat</b>	2 hours
	<b>Full Cure</b>	4-7 days
<b>Shelf Life</b>		5 years
<b>Flash Point</b>		104°F (40°C)
<b>Safety Information</b>		For additional information, see SDS

Calculated values are shown and may vary slightly from the actual manufactured material.

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