



RUST-OLEUM® COMMERCIAL UNIVERSAL ACRYLIC PRIMER

DESCRIPTION AND USES

Commercial Universal Acrylic Primer is general purpose DTM primer that has been developed to accept a wide variety of topcoats including acrylics, alkyds, and high performance coatings. This coating is suitable for interior or exterior applications on metal and concrete surfaces. It combines fast dry convenience with excellent adhesion to yield a coating that is suitable for diverse applications.

MPI #107, #134 Certified. (Refer to the MPI website for the most current listing of MPI certified products.)

PERFORMANCE CHARACTERISTICS

- Adhesion promoting primer
- Resistant to flash rust
- Water based, low VOC
- Fast dry
- Suitable for both interior and exterior applications

PRODUCTS

1-Gallon	5-Gallon	DESCRIPTION
278808	278807	White
292606	292603	Gray

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Krud Kutter® 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. If the primer is going to be applied over a stained area, try to remove as much of the stain as possible by washing, sanding, or scraping. 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.)

GALVANIZED STEEL: New galvanized steel should be solvent cleaned to remove all post galvanizing treatments such oil, grease, or wax. Old or existing galvanized steel should be thoroughly washed to remove all surface contaminants.

CONCRETE: Hand or power tool clean to remove all loose or unsound concrete, masonry, or previous coating. Very dense, non-porous concrete should be acid etched or abrasive blasted to remove the laitance layer and create a surface profile. Allow new concrete to cure for 30 days before coating.

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 Acrylic Primer is compatible with most coatings, but a test patch is suggested.

APPLICATION

Apply only when air, material, and surface temperatures are between 50-90°F (10-32°C) and the surface temperature is at least 5°F (3°C) above the dew point. The relative humidity should not be greater 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 natural or synthetic bristle brush, roller, pad or sprayer.

Follow manufacturer's instructions when using spray equipment. Airless spraying, use a .017" tip at 2000 to 2500 psi.

THINNING

Do not thin.

CLEAN-UP

Clean up with soap and water and dispose of all waste material in a proper manner and in accordance with local waste regulations. Consult with local environmental regulations for appropriate method of disposal and/or recycling of paint and empty container.

	TECHNICAL DATA	CM-04
RUST-OLEUM® COMMERCIAL UNIVERSAL ACRYLIC PRIMER		

PHYSICAL PROPERTIES

		Universal Acrylic Primer (White)	Universal Acrylic Primer (Gray)
Resin Type		Styrenated Acrylic	
Pigment Type		Titanium Dioxide, Calcium Carbonate	
Solvents		Glycol Ethers, Water	
Weight	Per Gallon	10.5 lbs.	10.7 lbs.
	Per Liter	1.26 kg	1.3 kg
Solids	By Weight	50.5%	51.7%
	By Volume	34.0%	38.1%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)	
Gloss Range		Flat	
Recommended Dry Film Thickness (DFT) per Coat		1.0-3.0 mils (25-75µ)	1.0-3.0 mils (25-75µ)
Wet Film to Achieve DFT (Unthinned material)		3.0-9.0 mils (75-225µ)	2.5-8.0 mils (62.5-200µ)
Practical Coverage at Recommended DFT (assume 15% material loss)		155-520 sq. ft./gal.* (3.8-12.8 m ² /l)	
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Touch	30 minutes	
	Recoat	1 hour	
	Full Hardness	7 days	
Shelf Life		5 years	
Flame Spread (ASTM-84-97A)		Class 1	
Smoke Contribution (ASTM-84-97A)		Class 1	
Flash Point		>200°F (93°C)	
Safety Information		For additional information, see SDS	

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

*On a non-porous surface

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