RUST-OLEUM® COMMERCIAL

UNIVERSAL ACRYLIC PRIMER

DESCRIPTION AND USES

Universal Acrylic Primer is an acrylic water based primer. The fast dry formula is suitable for application to a variety of surfaces including metal, wood, concrete, plaster, wallboard, hardboard, gloss enamels, glass, and tile. The rust inhibitive formulation also makes it suitable for direct application to steel. The Universal Acrylic Primer is an excellent stain blocker. It resists mold and mildew growth and can be used on high pH surfaces (up to pH 12.5). It can be topcoated with an alkyd or waterbased acrylic finish. Topcoat compatibility with other types of water based or solvent based coatings is very likely, but a test application is strongly suggested.

FEATURES

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

PRODUCTS

SKU	Container Size
278807	5 Gallon
278808	1 Gallon

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with industrial Pure Strength® 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.

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 contaminates.

PRODUCT APPLICATION (cont.)

CONCRETE AND MASONRY: 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.

WOOD: Lightly sand exposed exterior wood with 80 to 100 grit sandpaper to remove loose or weathered wood fibers and mill glaze. Gouges, nail holes, and other surface defects should be filled with an appropriate wood patching compound.

APPLICATION

Apply only when air, material, and surface temperatures are between 50-90ºF (10-32ºC) and the surface temperature is at least 5ºF (3ºC) 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.

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TECHNICAL DATA

UNIVERSAL ACRYLIC PRIMER

PHYSICAL PROPERTIES

		Universal Acrylic Primer
Resin Type		Styrenated Acrylic
Pigment Type		Titanium Dioxide, Zinc Oxide
Solvents		Glycol Ethers, Water
Weight	**Per Gallon**	10.5 lbs.
	Per Liter	1.26 kg
Solids	**By Weight**	50.5%
	By Volume	34.0%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) per Coat		1.0-2.0 mils (25-50µ)
Wet Film to Achieve DFT (Unthinned material)		3.0-6.0 mils (75-150µ)
Theoretical Coverage at 1 mil DFT (25µ)		545 sq.ft./gal. (13.4 m^2/l)
Practical Coverage at Recommended DFT (assume 15% material loss)		450 sq.ft./gal. (11.1 m^2/l) non-porous 350 sq.ft./gal. (8.6 m^2/l) porous
Dry Times at 70-80°F (21-27ºC) and 50% Relative Humidity	**Touch**	35 minutes
	Recoat	1 hour
	Stain sealing	2 hours
	Full hardness	7 days
Shelf Life		5 years
Flame Spread (ASTM-84-97A)		Class 1
Smoke Contribution (ASTM-84-97A)		Class 1
Flash Point		>180ºF (82ºC)
Safety		For additional information, see MSDS

Calculated values may vary slightly from the actual manufactured material.

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