SIERRA PERFORMANCE™ ACRYLIC PRIMER

DESCRIPTION AND USES

Rust-Oleum® Sierra Performance™ Acrylic Primer is a low VOC, low HAP, very low odor, adhesion promoting acrylic primer for smooth surfaces.

Sierra Acrylic Primer is suitable for concrete, masonry, non-ferrous metal, galvanized steel, plastic, wallboard, wood, plaster, stucco, and previously coated surfaces. It can be used for both interior and exterior applications. Since this coating is very low odor during application, it is ideal for use in warehouses, schools, healthcare facilities, food service areas, office buildings, hotels or in any area where odors are an issue. For steel substrates use Sierra MetalMax™ DTM Acrylic Enamel.

Sierra Acrylic Primer is suitable for use in USDA regulated facilities provided it is topcoated with a finish that complies with the USDA FSIS regulatory sanitation performance standards for food establishment facilities.

MPI #50, #134 Certified (Refer to MPI website for the most current listing of MPI certified products.)

PRODUCTS

1-Gallon	5-Gallon	DESCRIPTION (S30 Flat Finish)
208028	208029	White
208555	208030*	Gray

*Made-To-Order only. Contact Rust-Oleum Customer Service for details.

RECOMMENDED TOPCOATS

Sierra Beyond™ Multi-Purpose Acrylic Enamel

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. 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.

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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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

APPLICATION

Mix thoroughly. Apply only when air and surface temperatures are between 50°-100°F (10°-38°C), the relative humidity is no greater than 85%, and surface is at least 5°F (3°C) above dew point. Dry times may be effected by extremely high or low relative humidity. Ensure fresh air entry during application and drying. Sierra Acrylic Primer is immediately sandable when dry.

TINTING

Sierra Acrylic Primer White can be tinted with Rust-Oleum 2030 Water-based Colorants or other high quality water-based or universal colorants, however these colorants will slightly increase VOC, but if used at the recommended levels, the VOC will not exceed 100 g/l. Use up to 2 oz. per gallon.

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality synthetic bristle brush.
ROLLER: Use a good quality 3/8" synthetic nap roller cover.

AIR-ATOMIZED SPRAY:

Fluid Tip	Fluid Delivery	Atomization Pressure
0.055-0.070	10-16 oz./min	25-60 psi

AIRLESS SPRAY:

Fluid Pressure	Fluid Tip	Filter Mesh
1800-3000 psi	0.013-0.017	100

THINNING

If needed thin with water. Do not exceed 4 fluid ounces per gallon.

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.

PERFORMANCE CHARACTERISTICS

IMPACT RESISTANCE (Direct)
METHOD: ASTM D2794
RESULT: >100 lbs.

PENCIL HARDNESS
METHOD: ASTM D3363
RESULT: HB

See the Rust-Oleum Industrial Brands Catalog (Form #275585) for chemical and corrosion resistance.

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PHYSICAL PROPERTIES

		SIERRA ACRYLIC PRIMER
Resin Type		Acrylic
Pigment Type		Titanium Dioxide, Kaolin
Solvents		Water
Weight	**Per Gallon**	10.0 lbs.
	Per Liter	1.2 kg
Solids	**By Weight**	52%
	By Volume	40%
Viscosity		100-110 KUs
Volatile Organic Compounds		0†
Recommended Dry Film Thickness (DFT) Per Coat		1.0-3.0 mils (25-75µ)
Wet Film to Achieve DFT		2.5-7.5 mils (62.5-187.5µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		180-545 sq.ft./gal. (4.4-13.4 m^2/l)
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Tack-free**	30 minutes
	Sandable	1-2 hours
	Recoat	1-2 hours; allow 12-24 hours before recoating if used on bleeding wood like redwood or cedar
Dry Heat Resistance		200°F (93°C)
Shelf Life		3 years
WARNING!		PROTECT FROM FREEZING
Safety Information		For additional information, see SDS

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

†Measured by EPA Test 24.