RUST-OLEUM® HIGH PERFORMANCE®

9900 SYSTEM ANTI-GRAFFITI WATER-BASED URETHANE

DESCRIPTION AND USES

The High Performance 9900 System Anti-Graffiti Water-Based Urethane is a two component water-based aliphatic acrylic polyurethane finish. It is ideal for interior or exterior use to ease the removal of unwanted graffiti.

The 9900 System Anti-Graffiti Water-Based Urethane is a low VOC, low odor, water-based coating. It uses a UV stable, crystal clear polyurethane resin to allow for quick and easy removal of unwanted graffiti from its surface. It is suitable for use on a variety of substrates including concrete, brick, masonry, or previously coated surfaces. Most surfaces are protected with only a 2 or 3 coat application. The substrate must be completely dry at the time of application.

To remove unwanted graffiti use the High Performance Graffiti Remover.

PRODUCTS

1-Gallon	5-Gallon	Description
243506	243508	Crystal Clear
243507	243509	Activator

COMPANION PRODUCTS

High Performance Graffiti Remover

PACKAGING

Available in two sizes. Base and activator components are supplied in pre-measured short-filled containers.

Base and activator component are sold separately.

1-Gallon Activated

Base: 0.84 gal. (short-filled gallon)
Activator: 0.16 gal. (short-filled quart)

5-Gallon Activated

Base: 4.2 gal. (short-filled 5 gallon)
Activator: 0.8 gal. (short-filled gallon)

PRODUCT APPLICATION

SURFACE PREPARATION

ALL SURFACES: Remove all dirt, grease, oil, salt and chemical contaminants by washing the surface with Pure Strength® Cleaner/Degreaser, item #3599402, commercial detergent or other suitable cleaner. Mold and mildew must be cleaned with a chlorinated cleaner of bleach solution. Rinse thoroughly with fresh water and allow to fully dry. All surfaces must be dry at time of application.

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. The High Performance 9900 System Anti-Graffiti Water-Based Urethane 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. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

CONCRETE AND MASONRY: Hand or power tool clean to remove all loose or unsound concrete, masonry, or previous coating. Allow new concrete to cure for 30 days before coating.

MIXING

Premix base component before adding activator. Power mixing is preferred. Continue mixing while adding activator, then mix for an additional 2-3 mintues to a smooth, uniform consistency.

APPLICATION

Apply only when air and surface temperatures are between 40-100°F (5-38°C) and surface temperature is at least 5°F (3°C) above the dew point.

If applying over an existing coating, a test patch should be done to ensure coating compatibility.

Apply by brush, roller or spray. A minimum of two coats are required. Porous substrates may require additional coats.

Best results are obtained if the coating can achieve full cure (48 hours) before graffiti is applied. Graffiti applied prior to 48 hours may be difficult to completely remove.

EQUIPMENT RECOMMENDATIONS

BRUSH: Use a good quality natural or synthetic bristle brush.

ROLLER: Use a quality 3/8" nap lamb's wool or synthetic fiber roller cover.

AIR-ATOMIZED SPRAY:

Method	Fluid Tip	Fluid Delivery	Atom. Pressure
Pressure	0.055-.070	16 oz/min	40-60 psi
Siphon	0.055-.070	—	40-60 psi
HVLP	0.043-.070	10-12 oz./min.	10 psi at the tip

AIRLESS SPRAY:

Fluid Pressure	Fluid Tip	Filter Mesh
2200-3100 psi	0.011-0.013	100

THINNING

Not required.

CLEAN-UP

Soap and water.

PHYSICAL PROPERTIES

		GRAFFITI COATING
Resin Type		Acrylic isocyanate converted aliphatic urethane
Finish		Semi-Gloss
Solvents		—
Weight	Per Gallon	—
	Per Liter	—
Solids	By Weight	42%
	By Volume	40%
Volatile Organic Compounds*		<100 g/l
Recommended Dry Film (DFT) Per Coat		2 mils (50µ)
Wet Film to Achieve DFT		5 mils (125µ)
Theoretical Coverage at 1 mil DFT (25µ)		642 sq. ft./gal. (15.8 m^2/l)
Practical Coverage at Recommended DFT (assumes 15% material loss)		275 sq. ft./gal. (6.8 m^2/l)
Mixing Ratio		5.25:1 base to activator by volume
Induction Period		None required
Pot Life @ 77°F & 50% RH		2 hours
Dry Times at 77°F (25°C) and 50% Relative Humidity	Tack-free	2 hours
	Handle	4 hours
	Recoat	5 hours
	Full Cure	48 hours
Shelf Life		1 year
Safety Information	Contains	Lead-free
	Warning!	—

*Activated material.

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

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