RUST-OLEUM®

AS6000 SYSTEM
ANTI-SLIP LOW PROFILE EPOXY

DESCRIPTION AND USES

A two-component, anti-slip, low VOC, bare-foot grade water based epoxy with low profile. For interior or exterior use.

Specially formulated for wet areas on concrete. Easy to clean and chemical resistant. Use in barefoot and recreational areas such as pools, locker rooms, showers, laundries, walkways and other areas of light pedestrian or barefoot traffic where safety is a concern.

This product complies with USDA FSIS regulatory sanitation performance standards for food establishment facilities. This coating is impervious to moisture and easily cleaned and sanitized.

PRODUCTS

SKU	Description
AS6082425	Silver Gray
AS6086425	Navy Gray

APPEARANCE

Flat, anti-slip finish

PACKAGING

Short-filled 1-gallon containers to allow for addition of AS6000 Activator. Packaged as a kit.

PRODUCT APPLICATION

SURFACE PREPARATION

NEW UNCOATED CONCRETE: Remove oil, dirt and other chemical contaminants by cleaning with Krud Kutter® Original Cleaner Degreaser, detergent or other suitable cleaner. Rinse with water. Etch concrete with 108 Cleaning & Etching Solution. Rinse thoroughly and immediately, and allow to dry.

New concrete should be allowed to cure for 30 days before application of any coating. If there is any doubt about the dryness of the concrete, conduct a test by simply placing a weighted rubber mat, plastic sheet or other nonporous material on the surface for 24 hours. Check the underside of the mat and concrete for signs of moisture. The substrate will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat the test. If moisture persists, the concrete surface cannot be coated.

PRODUCT APPLICATION cont.)

Very dense, nonporous or chemically treated concrete may require abrasive blasting or sanding to assure proper coating adhesion. Determine porosity by pouring one ounce of water onto the concrete. If water soaks in, the surface is porous enough for coating. If water beads up on the concrete, the surface is not porous and treatment is warranted. The presence of laitance (fine white particles) will also require abrasive blasting, sanding or abrading to assure removal.

PREVIOUSLY COATED CONCRETE: Remove loose dirt, dust and paint by sweeping or vacuuming. Remove grease, oil, floor compound or wax as indicated above under **new uncoated concrete**. Very glossy or hard coatings should be lightly sanded to insure maximum adhesion. Concrete floor areas which require patching should be free of dirt, oil, grease, and other chemical contaminants as indicated above under **new uncoated concrete**. Loose cement and deteriorated previous paint should be removed by hand tool or power tool cleaning. The 5499 Concrete Patching Compound can then be trowel applied and allowed to cure 4 hours before applying a coating.

APPLICATION

Apply only when air and surface temperatures are between 50-100°F (10-38°C) and surface is at least 5°F above the dew point. Mix base component with mechanical mixer using a Jiffler mixing blade (Rust-Oleum Product #6695) until any settled material is lifted off the bottom of the can and the material assumes a uniform appearance. Pour contents of AS60 activator can into the base component container. Mix thoroughly for 3-5 minutes until AS60 activator is uniformly dispersed. Hand mixing is not adequate and may result in improper or inadequate cure.

Use of a phenolic core roller (Rust-Oleum roller #6697) will expose the maximum amount of anti-slip aggregate, resulting in a highly ridged, irregular profile. If this is not achieved, the coating may become slippery when wet. Pour the product on the surface in a long stripe approximately 2 ft. long and 6 in. wide. Roll material in one direction only, pulling material toward you in slow straight strokes with a moderate amount of pressure. Do not over-roll or press down too heavily on the roller in an attempt to create a smooth appearance; this will adversely affect the creation of the appropriate ridged profile and the desired anti-slip characteristics. Material applied too thickly may not properly cure. Dry time may be adversely affected by extremely high or low temperature or high relative humidity.

Protect applications from moisture for 12 to 24 hours after application. Protect from heavy or extended exposure to water, oil and chemicals for 5-7 days.

PRODUCT APPLICATION (cont.)

DRY TIMES

Dry times are based on 70°F (21°C0 and 50% relative humidity. It will be suitable for foot traffic in 12 hours and will be fully cured in 48 hours.

THINNING

Do not thin this product

CLEAN-UP

Soap and water. Once coating begins to cure, 160 Thinner or MEK may be required.

PRODUCT APPLICATION (cont.)

SURFACE MAINTENANCE

Maintain a clean surface to ensure that the anti-slip performance is maximized. For general purpose cleaning, use Krud Kutter® Original Cleaner Degreaser, detergent or other suitable cleaner. Scrub the surface with a stiff-bristled brush or broom. Rinse with clean water and allow to dry. Periodic touch up may be necessary in heavy traffic areas.

RUST-OLEUM®

TECHNICAL DATA

AS6000 SYSTEM ANTI-SLIP LOW PROFILE EPOXY

PHYSICAL PROPERTIES

		AS6000 ANTI-SLIP LOW PROFILE EPOXY
Resin Type		Polyamine Epoxy
Pigment Type		Varies with color
Solvents		Water, Propylene Glycol Monomethyl Ether
Weight*	**Per Gallon**	11.7-13.0 lbs.
	Per Liter	1.4-1.6 kg
Solids*	**By Weight**	75-85%
	By Volume	65-75%
Volatile Organic Compounds*		70 g/l (0.58 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		10-15 mils (250-375µ)
Wet Film to Achieve DFT (unthinned material)		16-20 mils (400-500µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		80-100 sq.ft./gal. (1.9-2.4 m^2/l)
Coefficient of Friction		Dry: 0.78; Wet: 0.86
Mixing Ratio		3.7:1 base to activator by volume (use only AS6000 Activator with AS6000 System)
Induction Period		None
Pot Life @ 70°F (21°C) & 50% Relative Humidity		1 hour Immediately after mixing, pour the activated material on the floor in a long thin stripe.
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	**Foot Traffic**	12 hours
	Heavy Traffic	48 hours
Shelf Life		2 years (unopened containers)
Flash Point		>200°F (93°C) Seta flash
Safety Information		For additional information, see SDS

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