RUST-OLEUM®

AS6500 SYSTEM
ANTI-SLIP 100% SOLIDS EPOXY

DESCRIPTION AND USES

Anti-slip, 100% solids, two-component epoxy, low odor, highly chemical resistant, abrasion resistant, for extra heavy-duty vehicular traffic. Anti-slip epoxy coating designed for application on concrete or metal surfaces in food processing and preparation areas, in meat packing and poultry operations, breweries, hospitals or any confined low ventilation area where a heavy duty, chemical resistant, low odor floor coating required.

APPEARANCE

Gloss, anti-slip finish

PRODUCTS

AS6544	Safety Yellow
AS6582	Silver Gray
AS6568	Tile Red
AS6586	Navy Gray
AS6571	Dunes Tan

RECOMMENDED PRIMER

Use 9100 System High Performance Epoxy with 9101 Activator (For metal substrate)

PACKAGING

Short-filled 1-gallon containers to allow for addition of AS65 Activator.

PRODUCT APPLICATION

SURFACE PREPARATION

NEW, UNCOATED CONCRETE: Remove oil, dirt and other chemical contaminants by cleaning with Industrial Pure Strength 3599 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.

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: Previously coated floors need to be in good sound condition with proper adhesion to the concrete substrate. Check the adhesion of the previous coating by cutting a small X in the coating using a sharp razor knife, firmly apply a piece of 2" duct tape over the center of the X cut, then pull off with a fast snap. The coating is suitable to topcoat if no significant previous coating is removed beyond the X cut. If the coating fails this test, then removal of the previous coating may be required. Remove loose dirt, dust and paint by sweeping or vacuuming. Remove grease, oil, floor compound or wax. 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 prior to patching. Loose cement and deteriorated previous paint must be removed. The 5499 Concrete Patching Compound can then be trowel applied and allowed to cure 4 hours before applying a coating.

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PRODUCT APPLICATION (cont.)

SURFACE PREPARATION

METAL Remove oil, dirt, grease and other chemical contaminants by cleaning with Industrial Pure Strength¨ 3599 Cleaner/Degreaser, detergent, or other suitable cleaner. Rinse thoroughly with water and allow to dry. Loose rust, mill scale and deteriorated previous coatings must be removed by Hand Tool (SSPC-SP-2) or Power Tool (SSPC-SP-3) cleaning. A brush-off abrasive blast (SSPC-SP-7) may be used as an alternative to scraping and wire brushing. Heavily rusted areas may require a Commercial Grade Blast (SSPC-SP-6) to assure maximum coating performance.

Prime the surface with 9100 System High Performance Epoxy with Labor Saver 9101 activator. Allow 16-72 hours for the system to cure. Apply the desired AS6500 System finish coat.

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 using a mechanical mixer until any settled material is lifted off the bottom of the can and the material assumes a uniform appearance.

Pour contents of AS65 activator can into the base component container. All activator must be completely scraped from can and emptied into base container. Failure to do so may result in improper or inadequate cure. Mix thoroughly for 3-5 minutes until AS65 activator is uniformly dispersed. Hand mixing is not adequate and may result in improper or inadequate cure. Use of a phenolic core roller (such as 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 stripe approximately 2' long and 6" 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. Roll across welds, not along them. 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.)

THINNING

Do not thin this product.

CLEANUP

160 Thinner

SURFACE MAINTENANCE

Maintain a clean surface to ensure that the anti-slip performance is maximized.

For general purpose cleaning, use Industrial Pure Strength® 3590 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.

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PHYSICAL PROPERTIES

		AS6500 SYSTEM ANTI-SLIP 100% SOLIDS EPOXY
Resin Type		Amidoamine Epoxy
Pigment Type		Varies with color
Solvents		Xylene, Propylene Glycol Monomethyl Ether
Weight	**Per Gallon**	14.0-16.0 lbs (activated)
	Per Liter	—
Solids	**By Weight**	98-100% (activated)
	By Volume	96-100% (activated)
Volatile Organic Compounds (activated material)		30 g./l. (0.25 lbs./gal.)
Recommended Dry Film (DFT) Per Coat		26-40 mils (650-1,000µ)
Wet Film to Achieve DFT		27-40 mils (675-1,000µ) (Unthinned material) Note: Film thickness may be difficult to determine because of ridged profile.
Practical Coverage at Recommended DFT (assumes 15% material loss)		25-35 sq ft/gal (0.6-0.9 m^2/l)
Coefficient of Friction		Dry 1.10, Wet 1.00
Mixing Ratio		4.1:1 Base to Activator (by volume); NOTE: USE ONLY AS65 ACTIVATOR WITH AS 6500 SYSTEM.
Induction Period		None
Pot Life @ 70-80°F (21-27°C) & 50% RH		1 hour: Note: Immediately after mixing, pour the activated material on the floor in a long thin stripe. Do not work out of a pan or container.
Dry Times at 70-80°F (21-27°C) & 50% RH	**Light Traffic**	12 hours
	Heavy Traffic	48 hours
Shelf Life		5 years (unopened containers)
Specification and Peformance Alternatives		USDA Acceptable
Safety Information	**Flash Point**	>200°F (93°C) Seta flash
	Lead Content	No lead has been deliberately added.
	Warning!	**WARNING! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. SEE THE PRODUCT MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL WARNINGS FOR ADDITIONAL SAFETY INFORMATION.**

*Activated Material

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

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INDUSTRIAL BRANDS

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