



AS5600 SYSTEM

ANTI-SLIP FLOOR AND DECK COATING

DESCRIPTION AND USES

The AS5600 System Anti-Slip Floor and Deck Coating is a single component flexible acrylic designed for use on concrete floors. It is suitable for pedestrian traffic, lightweight rubber wheeled carts, and for exterior concrete surfaces like concrete decks, walkways and parking areas. This anti-slip coating is easy to apply, dries quickly and offers excellent adhesion to asphalt, concrete, wood and metal surfaces.

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
261175	Safety Yellow
261176	Black
261177	Gray

PACKAGING

One gallon containers

PRODUCT APPLICATION

SURFACE PREPARATION

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 taping a piece of 4 mil plastic sheet 18x18" on the bare concrete for 24 hours. Be sure to tape all four sides. After 24 hours, check the concrete for signs of moisture. The concrete substrate will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat the test. If repeated tests continue to indicate the presence of moisture, contact Rust-Oleum Technical Service for assistance.

Check for curing compounds or other types of sealers by pouring a small amount of water onto the concrete. If water soaks in, the surface is porous enough for coating. If water soaks in, the surface is suitable for coating. If water beads up on the concrete, the surface is not porous and a test application is warranted to ensure proper adhesion will develop. Sanding or mechanical abrading may be required if proper adhesion does not develop. Contact Rust-Oleum Technical Service for detailed information.

PRODUCT APPLICATION

NEW, UNCOATED CONCRETE: Remove oil, dirt and other chemical contaminants by cleaning with Industrial Pure Strength 3599 Cleaner/Degreaser, detergent or other suitable cleaner and rinse with fresh water. This is best accomplished using a standard scrubber/polisher with a heavy duty stripping pad (such as 3M 7300 or similar). A thorough rinse must be done if the concrete has been acid stained or if the concrete has been acid etched. The floor should be dry and dust free prior to application. Vacuum to remove fine dust and debris.

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 ensure 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.

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 additional surface preparation is required. Contact Rust-Oleum Technical Service for assistance.

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 9101 Activator). Allow 16-72 hours for the system to cure. Apply the desired AS5600 System finish coat.

ASPHALT: Sweep away all loose dirt and debris before coating.


PRODUCT APPLICATION (cont.)
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. Thoroughly mix contents with a mechanical mixer such as a drill motor with a Jiffler mixing blade (Rust-Oleum Product #6695023) until any settled material is lifted off the bottom of the can and the mixed material assumes a uniform color and appearance.

Use of a phenolic core roller (Rust-Oleum roller #6697005) will produce a medium profile. Use of a good quality $\frac{3}{8}$ nap roller will produce a lower profile. Pour the product on the surface in a long stripe approximately 2 feet long and 6 inches 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.

THINNING

Do not thin this product.

CLEAN-UP

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

SURFACE MAINTENANCE

Maintain a clean surface to ensure that the anti-slip performance is maximized. For general purpose cleaning, use Industrial Pure Strength 3599 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.



TECHNICAL DATA

AS9100 SYSTEM ANTI-SLIP HIGH PERFORMANCE EPOXY

PHYSICAL PROPERTIES

Resin Type		Water-based Acrylic
Pigment Type		Varies with color
Solvents		Water, Propylene Glycol
Weight*	Per Gallon	14.5-14.7 lbs.
	Per Liter	1.74-1.76 kg
Solids*	By Weight	78-80%
	By Volume	62-64%
Volatile Organic Compounds*		<45 g./l. (0.38 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		12-15 mils (300-375 μ)
Wet Film to Achieve DFT		20-23 mils (500-575 μ) Note: film thickness may be difficult to determine because of ridged profile
Practical Coverage at Recommended DFT (assumes 15% material loss)		60-70 sq.ft./gal. (1.5-1.7 m ² /l)
Coefficient of Friction		Dry: 1.30; Wet: 0.90
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Light Traffic	4 hours
	Heavy Traffic	24 hours
Shelf Life		5 years (unopened containers)
Safety Information		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.

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

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