

**RUST-OLEUM®****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 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.

**NEW, UNCOATED CONCRETE:** Remove oil, dirt and other chemical contaminants by cleaning with Krud Kutter® Original 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.

**PRODUCT APPLICATION (cont.)**

**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 Krud Kutter® Original 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.

**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. 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. Roll the material out to a uniform appearance. Do not leave any puddles or thick areas which will reduce the anti slip effectiveness.

The coating can also be applied using a good quality ¾ nap roller and working out of a roller pan. This will produce a lower profile. A two coat application will optimize the appearance.



## TECHNICAL DATA

# AS5600 SYSTEM ANTI-SLIP FLOOR AND DECK COATING

### PRODUCT APPLICATION (cont.)

Only fill the roller pan half full and be sure to push the roller cover to the bottom of the pan when loading it. Remix the material in the container before re-filling roller pan to ensure the aggregate is evenly dispersed.

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.

### PRODUCT APPLICATION (cont.)

#### 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 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.

## PHYSICAL PROPERTIES

<b>Resin Type</b>		Water-based Acrylic
<b>Pigment Type</b>		Varies with color
<b>Solvents</b>		Water, Propylene Glycol
<b>Weight*</b>	<b>Per Gallon</b>	14.5-14.7 lbs.
	<b>Per Liter</b>	1.74-1.76 kg
<b>Solids*</b>	<b>By Weight</b>	78-80%
	<b>By Volume</b>	62-64%
<b>Volatile Organic Compounds*</b>		<45 g/l (0.38 lbs./gal.)
<b>Practical Coverage at Recommended DFT (assumes 15% material loss)</b>		70-125 sq.ft./gal. (1.7-3.1 m <sup>2</sup> /l) Depending on method of application
<b>Coefficient of Friction</b>		Dry: 1.30; Wet: 0.90
<b>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</b>	<b>Light Traffic</b>	4 hours
	<b>Heavy Traffic</b>	24 hours
<b>Shelf Life</b>		5 years (unopened containers)
<b>Safety Information</b>		For additional information, see SDS

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

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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