



RUST-OLEUM® 5600 SYSTEM

ACRYLIC URETHANE FLOOR PAINT

DESCRIPTION AND USES

Concrete Saver® 5600 System Acrylic Urethane Floor Paint is a single component; urethane modified acrylic coating designed for use on concrete floors. It is suitable for areas with heavy foot traffic and lightweight rubber-wheeled handcarts on interior and exterior concrete surfaces such as decks, walkways, curbs, and parking areas.

It withstands repeated heavy abrasion, including mechanical wear and tear, and repeated scrubbing with industrial solvents, cleaners and scouring agents.

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.

MPI #127 Certified*

PRODUCTS

SKU	DESCRIPTION
251286	Safety Yellow
251289	White
251291	Silver Gray
261115	Safety Red
261116	Safety Orange
261117	Safety Blue
261118	Safety Green

PRODUCT APPLICATION

READ ALL INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

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 18" by 18" 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 will be darker if damp. If moisture is found, allow additional drying time (10-14 days) and repeat test. If repeated tests continue to indicate the presence of moisture, contact Rust-Oleum Technical Service for assistance. Check for curing compound or other types of sealers by pouring a small amount of water onto the concrete. 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 (cont.)

SURFACE PREPARATION (cont.)

Remove all grease, oil, dirt, and other contaminants by cleaning with Rust-Oleum Professional Cleaner Degreaser, detergent or other suitable cleaner and rinse with fresh water. This is best accomplished using a standard floor 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 had been acid etched. The floor should be dry and dust free prior to application. Vacuum to remove fine dust and debris.

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

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. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Apply only when air, surface, and material temperatures are between 50-90°F (10-32°C), surface is at least 5°F above the dew point and relative humidity is below 85% during and after application. Apply by roller using a good quality 3/8" synthetic nap cover. Avoid applying excessive material. Do not allow the coating to puddle. The coating should be applied within the published coverage rate of 170-270 sq. ft. per gallon. On new or uncoated concrete, two coats of product should be applied. Do not thin. Allow coated floor to cure 7 days before mopping or washing. Use Rust-Oleum 200 Anti-Skid Floor Coating Additive for skid resistance where oil or water spillage is a problem.



TECHNICAL DATA

RUST-OLEUM® 5600 SYSTEM

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PRODUCT APPLICATION (cont.)

THINNING

Do not thin this product.

CLEAN-UP

Soap and water. Once coating begins to cure, Professional Solutions MEK Solvent Blend 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 Rust-Oleum Professional Cleaner Degreaser, Rust-Oleum Professional Low Foaming Floor Cleaner, 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.

PERFORMANCE CHARACTERISTICS

PENCIL HARDNESS

METHOD: ASTM D3363
RESULT: 2B (7 days)

SWARD HARDNESS

METHOD: ASTM D2134-93
RESULT: 14

TABER ABRASION

METHOD: ASTM D4060 CS-10 wheel, 500 g load, 500 cycles
RESULT: 52.6 mg loss

GLOSS (60°)

METHOD: ASTM D523
RESULT: 65-85%

SCRUB RESISTANCE

METHOD: ASTM D4213-96
RESULT: 150 cycles



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PHYSICAL PROPERTIES

5600 SYSTEM ACRYLIC URETHANE FLOOR PAINT		
Resin Type		Urethane Modified Acrylic
Pigment Type		Varies with color
Solvents		Water, Propylene Glycol
Weight	Per Gallon	8.7-10.5 lbs.
	Per Liter	1.0-1.3 kg
Solids	By Weight	28-44%
	By Volume	25-30%
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.5-2.0 mils (37.5-50 μ)
Wet Film to Achieve DFT		5.0-8.0 mils (125-200 μ)
Practical Coverage Rate (assumes 15% material loss)		170-270 sq.ft./gal (4.2-6.6 m ² /l) Coverage rate can vary depending on application method
Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity	Tack Free	1-2 hours
	Recoat	4-6 hours
	Light Foot Traffic	24 hours
	Full Use	72 hours*
Safety Information		For additional information, see SDS

*Allow 7 days cure before washing.

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.