

RUST-OLEUM®

5500 SYSTEM ACRYLIC DUSTPROOFER FLOOR SEALER

DESCRIPTION AND USES

The Concrete Saver® 5500 System Acrylic Dustproof Floor Sealer is a ready to use, clear water based acrylic coating for use on bare concrete floors to prevent the penetration of water. It can also be applied as a protective layer over stained concrete floors or previously coated floors. The Acrylic Dustproof Floor Sealer eliminates concrete dusting, provides stain resistance, and makes the floor easier to clean. A low-gloss finish, however final gloss will be determined by the initial porosity of the concrete and the number of the coats applied. The Acrylic Dustproof Floor Sealer does not require acid etching and can be touched up or recoated with simple surface preparation.

PRODUCTS

251282 1-gallon
251283 5-gallon

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 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 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.

Remove all grease, oil, dirt, and other contaminants by cleaning with 3599 Industrial Pure Strength® 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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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.

APPLICATION

Apply only when the air, surface, and material temperatures are between 50-100°F and the surface is at least 5°F above the dew point. Do not shake or incorporate air when mixing. Gentle stirring with a paint stick is recommended. The Acrylic Dustproof Floor Sealer can be applied by brush, pad, roller, or pump spray. Apply an even thin coat and maintain a wet edge to avoid lap marks. Do not apply by pouring material onto the floor and spreading. Do not allow material to puddle.

THINNING

Thinning not recommended.

CLEAN UP

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

LIMITATIONS

Do not use the Acrylic Dustproof Floor Sealer on flagstone, clay pavers or other non-porous materials. Chemicals contained in some car tires may cause coating to lift. Most tire marks can be removed with commercial cleaners. Not recommended for areas exposed to gasoline, hydraulic fluids, heavy fork-lift traffic, cooking oils, or for application to kitchen counters, bar tops, glazed tile, or to exterior vertical concrete/masonry walls. The Acrylic Dustproof Floor Sealer does not provide protection against hydrostatic water pressure, wind driven rain, or efflorescence.

EQUIPMENT RECOMMENDATIONS

BRUSH/PAD: Use a good quality synthetic bristle or synthetic pad.

ROLLER: Good quality synthetic short 1/8 - 3/8" (depending on surface texture) nap.

SPRAY: Garden type pump sprayer.



TECHNICAL DATA

5500 SYSTEM ACRYLIC DUSTPROOFER FLOOR SEALER

PHYSICAL PROPERTIES

Resin Type		Micro-Acrylic Emulsion		
Pigment Type		None		
Solvents		Water		
Weight	Per Gallon	8.4 lbs.		
	Per Liter	1.0 kg		
Solids	By Weight	13%		
	By Volume	—		
Volatile Organic Compounds		<100 g/l (0.83 lbs./gal.)		
Practical Coverage at Recommended DFT (assumes 15% material loss)		Concrete Surface	First Coat	Second Coat
		Rough (Broom Finish)	150 sq. ft./gal.	250 sq. ft./gal.
		Smooth (Float Finish)	200 sq. ft./gal.	300 sq. ft./gal.
		Very Smooth (Trowel Finish)	300 sq. ft./gal.	400 sq. ft./gal.
Dry Times at 70-80°F (21-27°C) and 50% Rel. Hum.	Recoat	3 hours		
	Light foot traffic	12 hours		
Shelf Life		2 years		
Safety Information	Flash Point	Above 200°F		
	Contains	No lead has been deliberately added.		
	Warning!	FOR INDUSTRIAL OR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN REFER TO MATERIAL SAFETY DATA SHEET (MSDS) AND LABEL FOR ADDITIONAL SAFETY INFORMATION.		

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.