



5500 SYSTEM

ACRYLIC DUSTPROOFER FLOOR SEALER

DESCRIPTION AND USES

Concrete Saver® 5500 System Acrylic Dustproofer 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 Dustproofer Floor Sealer eliminates concrete dusting, provides stain resistance and makes the floor easier to clean. The final gloss will be determined by the initial porosity of the concrete and the number of coats applied. The Acrylic Dustproofer Floor Sealer does not require acid etching and can be touched up or recoated after simple surface preparation.

PRODUCTS

SKU	Description
251282	1-Gallon Clear
251283	5-Gallon Clear

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. The concrete will be darker if damp. If moisture is present, 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 compound or other types of sealers by pouring a small amount of water onto the surface. If the soaks in, the surface is suitable for coating. If the water beads up, 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.

Remove all grease, oil, dirt and other contaminants by cleaning with Krud Kutter® 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 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.

PRODUCT APPLICATION

SURFACE PREPARATION (cont.)

Firmly apply a piece of 2" duct tape of 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 air, surface, and material temperatures are between 50-100°F (10-38°C), 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 Dustproofer 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 the material to puddle.

THINNING

Thinning is not recommended.

EQUIPMENT RECOMMENDATIONS

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

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

SPRAY: Use a garden type pump sprayer.

CLEAN UP

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

LIMITATIONS

Do not use the Acrylic Dustproofer Floor Sealer on flagstone, clay pavers or other non-porous materials. Chemicals contained in some car tires may cause the coating to lift. 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 Dustproofer Floor Sealer does not provide protection against hydrostatic water pressure, wind driven rain or efflorescence.



TECHNICAL DATA

5500 SYSTEM ACRYLIC DUSTPROOFER FLOOR SEALER

PHYSICAL PROPERTIES

Resin Type		Micro-Acrylic Emulsion		
Pigment Type		NA		
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)		<u>Concrete Surface</u>	<u>First Coat</u>	<u>Second Coat</u>
		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% Relative Humidity	Recoat	3 hours		
	Light Foot Traffic	12 hours		
Shelf Life		2 years		
Safety Information		For additional information, see SDS		

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

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