



ROCKSOLID® PEARLESCENT ADDITIVE FLOOR COATING SYSTEM

DESCRIPTION AND USES

RockSolid® Pearlescent Floor Coating Kit should be combined with the RockSolid Universal Base Floor Coating and is designed to create the appearance of high end quartz or granite. When combined together this system provides excellent hardness, adhesion and durability on properly prepared concrete. It has excellent resistance to salt, oil, gasoline and other harsh chemicals.

RockSolid Pearlescent is designed to be applied over interior concrete surfaces. It is suitable for use in garages, basements, workshops, laundry rooms, mudrooms and more.

PRODUCT FEATURES

- Low odor and can be applied indoors
- Formulated without the addition of VOC containing solvent
- Easy mix Burst Pouch (Two part Burst Pouch Technology U.S. Patent Number 8,381,903 B2)
- 96% solids formulation when combined with RockSolid Universal Base (282841)
- Longer pot life than other 100% solids epoxies
- Has excellent self-leveling properties
- 7 day recoat window without sanding (topcoat)
- 24 hour drive on time depending on temperature and humidity

SYSTEM REQUIREMENTS

- Universal Base (282841)
- Pearlescent Additive (see below)
- Microfiber Roller (201818)

PRODUCTS

SKU	DESCRIPTION (High Gloss)
306336	Cabernet
306337	Pearl Black
306338	Emerald
306339	Midnight Blue
306340	Smokey Blue
306341	Graphite

PRODUCT APPLICATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT

SURFACE PREPARATION

Moisture Testing - 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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

Moisture Testing (cont.)- 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.

Testing for Sealer - 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 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.

Previously Coated Floors - Previously coated floors need to be in good 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 5" duct tape over the center of the X cut, and then pull off with a fast snap. If more than 10% of the taped area is removed, the original coating is not bonded well and needs to be removed chemically or mechanically with a grinder.

For best adhesion, scuff sand previously painted or coated floor using 80 grit sandpaper and clean with solvent such as acetone. Or use **Rust-Oleum Garage & Concrete Floor Primer** (sold separately).

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.

CONCRETE PREPARATION – For coating over bare concrete

Scrub heavily soiled areas with RockSolid Heavy Duty Degreaser or Rust-Oleum Cleaner & Degreaser (sold separately). Scrub thoroughly, then rinse. Repeat as needed.



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PRODUCT APPLICATION (cont.)

CONCRETE PREPARATION – For coating over bare concrete (cont.)

Use the concrete etch (included in the Universal Base kit) per the instructions to provide the proper surface condition to ensure proper adhesion. Rinse the floor thoroughly and allow it to dry completely.

Wood Preparation – Using 80 grit sandpaper, sand the wood surface to remove mill glaze, sealers and/or varnishes. Vacuum and wipe clean with a dry rag and allow to dry completely before coating.

Tile Preparation – Using 60-80 grit sandpaper, completely deglaze the surface. Vacuum and clean the surface with a solvent. Allow to dry completely before coating.

MIXING

MIX ONLY ONE POUCH AT A TIME. Both components and the environment should be pre-conditioned to a minimum of 40°F (4°C) prior to use. Be sure the air and surface temperatures are at least 5° above the dew point.

Place a tarp on the ground and thoroughly mix the material in the pouch by shaking it both up and down and back and forth and squeezing each side of the pouch. Any clumps need to be massaged to break them up to ensure proper blending.

Combine the two components by placing the pouch on the ground and rolling it from the part A side towards the part B side like a tube of toothpaste. This will create pressure in the part A side and force the middle seal to burst, allowing the two components to mix together. Thoroughly mix the materials by shaking the pouch back and forth and squeezing the edges and corners toward the center of the pouch. Mix for 2-3 minutes. **Mix only one pouch at a time. The product is now activated and must be applied in 45 minutes to 1 hour.**

Once the material is thoroughly mixed, use scissors to cut a corner off the pouch and pour the contents into a 5 quart mixing bucket (sold separately). Add the Mica Additive into the bucket and mix with a drill motor and mixing blade or stir stick for 1-2 minutes.

APPLICATION

Apply only when air, material and floor temperatures are between 40-90°F (4-32°C). Optimal installation temperature is 55-90°F (13-32°C). Extreme cold application temperatures may slow the cure time. **Do not apply in direct sunlight.** Do not coat the floor if it is raining or if extremely damp conditions exist. The concrete surface must be completely dry at the time of the application to achieve proper adhesion.

PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Pour the mixed material from the bucket directly onto the floor about a foot back from the corner wall in 2" wide ribbons about 5 feet long. Alternate Method: Pour the contents into a standard paint tray, rather than directly onto the floor. Trim the edges from the poured ribbon of material using a good quality synthetic brush. Use the **RockSolid 3/8" Microfiber Roller Cover** and 9" roller frame to apply the coating evenly to the floor in 4' x 4' sections in an "M" and "W" pattern. De-lint the microfiber roller cover prior to application.

Continue working in 4' x 4' sections, pouring a new ribbon 2' away from the previous section. Use the roller to pull the material back first; then push forward to fill in the void between sections. Overlap into the previously coated areas while taking care to avoid creating thick spots. Occasionally stir the product in the bucket to keep the mica additive mixed. Coverage and opacity may vary based on the condition and porosity of the concrete. Only one coat is necessary. Do not coat over control joints. Use a flexible control joint fill material if desired. Repeat the above steps for each additional pouch.

COVERAGE RATE

Each Polycuramine pouch with Pearlescent Additive will cover up to 200-250 square feet. Coverage may vary based on condition and porosity of the concrete.

DRY TIME

Temperature and humidity may affect drying time. Do not walk on the coating while it is still tacky. Surface should be ready for foot traffic in 8-10 hours and vehicle traffic in 24-36 hours depending upon temperature and humidity.

CLEAN-UP

Clean tools and equipment with acetone. Allow unused product to harden in container and dispose according to local regulations.

THINNING

None required

LIMITATIONS

This product must be installed at the specified spread rates to perform as described. Do not apply in direct sunlight. Do not apply product when the substrate and ambient temperatures are steadily below 40°F (4°C).

SHELF LIFE and STORAGE

Sixty (60) months in factory delivered unopened pouches. Keep away from extreme heat, cold and moisture. Maintain at a proper storage temperature of 45-90°F. Keep out of direct sunlight and away from fire hazards.

 <p>RUST-OLEUM® ROCKSOLID® THE WORLD'S TOUGHEST COATINGS™</p>	TECHNICAL DATA	RSD-44
ROCKSOLID® PEARLESCENT ADDITIVE FLOOR COATING SYSTEM		

PHYSICAL PROPERTIES

		PEARLESCENT ADDITIVE FLOOR COATING SYSTEM
Resin Type		Cycloaliphatic Amine Converted Urethane Modified Epoxy
Pigment		Varies with color
Solvents		Benzyl Alcohol, 1-Chloro-4-(Trifluoromethyl) Benzene
Weight	Per Gallon	8.9-9.1 lbs.
	Per Liter	1.07-1.09 kg
Solids By Volume		96% (when combined with 282841)
Volatile Organic Compounds		<1 g/l
Practical Coverage		200-250 sq. ft./kit (4.9-6.2 m ² /l) (coverage rate can vary depending on texture and porosity of concrete)
Pot Life		45 minutes to 1 hour (depending on temperature and humidity)
Dry Times @ 70-80°F (21-27°C) and 50% Relative Humidity†	Tack Free	8-10 hours
	Dry Hard	12-16 hours
	Vehicle Traffic	24-36 hours depending on temperature
Shelf Life		60 months unopened factory delivered pouches
Flash Point		205°F (96°C)
Safety Information		For additional information, see SDS

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

† Dry times will be increase if temperatures are less than 55°F (13°C).

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