



## ROCKSOLID® PEARLESCENT FLOOR COATING KIT

### DESCRIPTION AND USES

RockSolid® Pearlescent Floor Coating Kit is designed to create the appearance of high end quartz or granite. This system provides excellent hardness, adhesion and durability on properly prepared concrete. It has excellent resistance to salt, oil, gasoline and other harsh chemicals. This coating contains no VOCs, making it environmentally safe.

RockSolid Pearlescent is designed to be applied over garage or interior concrete surfaces. The surface should be free of loose particles, rust, oils and contaminants. It is recommended that this product be applied in 4' X 4' sections in an "M" and "W" pattern to help ensure proper coverage.

### PRODUCT FEATURES

- Low odor and zero VOC
- Self-leveling and buildable
- High Gloss
- Patented Burst Pouch Technology
- ECO safe
- Chemical resistant
- No hot tire pick up
- Drive on 24 hours depending on temperature and humidity

The RockSolid Pearlescent Floor Coating kit includes the following:

- Instructions & Stir Stick
- 1 - Polycuramine Burst Pouch
- Concrete Etch
- ¾" Microfiber Roller
- Mica Additive

Items not supplied with the kit which need to be purchased separately:

- 9" Roller Frame
- Extension Pole
- 3" Paint Brush
- Stiff Bristled Broom or Scrub Brush
- 5 Quart Mixing Bucket

Other optional items that may be needed include:

- Heavy Duty Degreaser
- Concrete Patch and Repair
- Anti-Skid Additive
- Paddle Mixer & Drill

### PRODUCTS

SKU	Description
306324	Cabernet
306325	Pearl Black
306326	Emerald
306327	Midnight Blue
306328	Smoky Blue
306329	Graphite

### PACKAGING

Two part Burst Pouch Technology  
(U.S. Patent Number 8,381,903 B2)

### SURFACE PREPARATION

#### READ INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT.

#### Check for the following conditions prior to coating

**Newly Poured Concrete** - If newly poured concrete has not fully cured, the coating will not perform properly. Allow newly poured concrete to cure for a minimum of 28 days before coating.

**Sealed Concrete** - 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 and is suitable for coating. If water beads up on the concrete, a sealer is present and will need to be removed by sanding or mechanical abrading.

**Previously Coated Floors** - Previously coated floors need to be in good condition with proper adhesion to the concrete substrate. Remove any loose paint by sanding and scraping; then test the adhesion of the remaining paint. Check the adhesion of the previous coating by cutting a small X through the coating down to the concrete using a sharp razor knife. Press duct tape over the X and then pull off with a fast snap. If more than ¼ of the paint comes off, **DO NOT** coat the floor with RockSolid until the old paint is completely removed chemically or mechanically with a grinder.

**Moisture Testing** - If there is any doubt about the dryness of the concrete, apply a 2' x 2' sheet of plastic to the floor. Tape down the edges with duct tape and let set for 24 hours. If water droplets form on the underside of the plastic or the concrete appears wet (darker in color), moisture is present. The floor should not be coated until the moisture issue is resolved. Use Rust-Oleum Moisture Stop (sold separately) to remove moisture from the concrete.

**Loose or Damaged Concrete** - If concrete is loose or chipped, the coating will not perform properly. Damaged areas will need to be repaired before applying RockSolid.

### CONCRETE PREPARATION

Remove oil spots with a scrub brush and Rust-Oleum Heavy Duty Degreaser or Rust-Oleum Cleaner & Degreaser (sold separately). Scrub thoroughly, then rinse. Repeat as needed. Mix the Concrete Etch powder (included) with 2 gallons of water until dissolved. (**DO NOT** add concrete etch directly to paint). The solution contains a mild citric acid. (**DO NOT** use muriatic acid).



## TECHNICAL DATA

### ROCKSOLID® PEARLESCENT FLOOR COATING KIT

#### SURFACE PREPARATION (cont.)

Pre-wet entire floor using a hose; then remove pooled water. Use a plastic watering can to evenly distribute the etch solution over a 10' x 10' section of floor. Scrub vigorously with a bristle brush to loosen dirt and dust. Keep the section wet until it has been etched and rinsed; then move on to the next section.

Once completed, rinse and squeegee the entire floor to remove any traces of etch. **DO NOT** leave pooled water on the floor. Etch will not discolor driveways or harm grass or plants if rinsed thoroughly. Allow the floor to dry. Rub your fingers over the dry floor. If dust or powder comes off on your fingers, repeat scrubbing and rinsing until the floor is clean. Allow the floor to dry completely. **Note:** If the floor is not thoroughly cleaned and rinsed, the coating may not adhere properly.

**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](http://www.epa.gov/lead).

#### 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. Thoroughly mix the material in the pouch by shaking it back and forth and squeezing each side of the pouch. Combine the two components Part A and Part B by placing the pouch on the ground and rolling it from Part A side towards Part B. The pressure created by rolling the pouch will force the middle seal to burst allowing the two components to mix together. Thoroughly mix the material by shaking the pouch back and forth and squeezing the edges and corners for 2-3 minutes.

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 silver 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). 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.)

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 Pearlescent floor Coating Kit will cover 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 mineral spirits. Allow unused product to harden in container and dispose according to local regulations.

#### 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

Twenty-four (24) 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.



## TECHNICAL DATA

### ROCKSOLID® PEARLESCENT FLOOR COATING KIT

#### PHYSICAL PROPERTIES

Resin Type		Proprietary Blend of Epoxy, Urethane and Polyurea
Pigment		Varies with color
Solvent		Benzyl Alcohol, 1-Chloro-4-(Trifluoromethyl) Benzene, Nonylphenol, Neopentyl Glycol Diglycidyl Ether
Weight	Per Gallon	8.9-9.1 lbs.
	Per Liter	1.07-1.09 kg
Solids By Volume		96%
Volatile Organic Compounds		<1 g/l
Practical Coverage		200-250 sq.ft./kit (4.9-6.2 m <sup>2</sup> /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
	Foot Traffic	8-10 hours
	Vehicle Traffic	24-36 hours depending on temperature
Shelf Life		24 months unopened factory delivered pouches
Safety Information		For additional information, see SDS

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

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

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