



**ROCKSOLID®  
MARBLE FLOOR COATING KIT**

**DESCRIPTION AND USES**

RockSolid® Marble Floor Coating Kit is a revolutionary Polycuramine coating that combines key attributes from multiple chemistries into one. This creates a durable, self-leveling, fast curing, excellent high gloss coating system that can be completed in one day.

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

**PRODUCT FEATURES**

- Low odor and low VOC
- Easy mix Burst Pouch (Two part Burst Pouch Technology U.S. Patent Number 8,381,903 B2)
- ECO safe
- 45 minute pot life
- Chemical resistant
- Excellent gloss
- No hot tire pick up
- Drive on in 24 hours depending on temperature and humidity

**KIT CONTENTS**

- 2 Polycuramine Burst Pouches
- Concrete Etch
- Marble Roller & Tray
- Instructions

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

Other optional items that may be needed include:

- Heavy Duty Degreaser
- Concrete Patch and Repair
- Anti-Skid Additive

**PRODUCTS**

SKU	DESCRIPTION (High Gloss)
306320	Stone Obsidian
306321	Mountain White

**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. 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.

**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).

**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. Mix the concrete etch powder (sold separately) with 2 gallons of water until dissolved. (**DO NOT** add concrete etch directly to paint).



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## PRODUCT APPLICATION (cont.)

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

The solution contains a mild citric acid. (**DO NOT** use muriatic acid).

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 thoroughly. 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. **Note:** If the floor is not thoroughly cleaned and rinsed, the coating may not adhere properly.

**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.

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. The product is now activated and must be applied within 1 hour. Repeat the above steps for the second pouch.

### 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.)

Once the material is thoroughly mixed, use scissors to cut a corner off the pouch. Pour the mixed material from each pouch into separate sides of the **RockSolid Marble Tray** (included). Add enough material to partially fill each chamber in the tray. Trim the edges using a good quality synthetic brush; blot along the edges with both colors. Use the **RockSolid Marble Roller Cover** (included) and 9" roller frame to apply the coating evenly with light pressure, to the floor in 3' x 3' sections in an "M" and "W" pattern. De-lint the roller cover prior to application.

Rotate 90 degrees and roll in the opposite direction using short 6" to 12" strokes. Change the roller direction frequently for best results. Do not over-roll as this may cause the two colors to blend together. Always saturate the roller on the same side of the roller pan. Continue this process until the entire area has been coated, adding more material to the tray when necessary. 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 kit.

### COVERAGE RATE

Each Polycuramine pouch covers 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.

### 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.



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**PHYSICAL PROPERTIES**

<b>Resin Type</b>		Proprietary Blend of Epoxy, Urethane and Polyurea
<b>Pigment</b>		Varies with color
<b>Solvent</b>		Benzyl Alcohol, 1-Choro-4-(Trifluoromethyl) Benzene, Nonylphenol, Neopentyl Glycol Diglycidyl Ether
<b>Weight</b>	<b>Per Gallon</b>	9.8 lbs.
	<b>Per Liter</b>	1.18 kg
<b>Solids By Volume</b>		65.2%
<b>Volatile Organic Compounds</b>		<1 g/l
<b>Practical Coverage</b>		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)
<b>Pot Life</b>		45 minutes to 1 hour (depending on temperature and humidity)
<b>Dry Times @ 70-80° F (21-27°C) and 50% Relative Humidity†</b>	<b>Tack Free</b>	8-10 hours
	<b>Dry Hard</b>	12-16 hours
	<b>Vehicle Traffic</b>	24-36 hours depending on temperature
<b>Shelf Life</b>		60 months unopened factory delivered pouches
<b>Safety Information</b>		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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