



ROCKSOLID® METALLIC ADDITIVE FLOOR COATING SYSTEM

DESCRIPTION AND USES

RockSolid® Metallic Additive should be combined with the RockSolid Universal Base Floor Coating and is designed to create the appearance of high end 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. This coating contains no VOCs, making it environmentally safe.

RockSolid Metallic 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 5' X 5' sections in an "M" and "W" pattern to help ensure proper coverage.

PRODUCT FEATURES

- Low odor and can be applied indoors
- Formulated without the addition of VOC containing solvent
- 45 minute pot life
- Patented Burst Pouch Technology
- 96% solids formulation when combined with RockSolid Universal Base (282841)
- Has excellent self-leveling properties
- 7 day recoat window without sanding (topcoat)
- Excellent durability in a single coat
- 24 hour drive on time depending on temperature and humidity

SYSTEM REQUIREMENTS

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

METALLIC ADDITIVE

| SKU | Description |
|--------|----------------|
| 60070 | Cherry Bomb |
| 60071 | Copper Pot |
| 60072 | Earth Brown |
| 60073 | Silver Bullet |
| 306330 | Amaretto |
| 306331 | Gunmetal |
| 306332 | Brilliant Blue |
| 306333 | Burnished Gold |

PACKAGING

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

APPEARANCE

High gloss

SURFACE PREPARATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT.

SURFACE PREPARATION (cont.)

Check for the following conditions prior to coating

NEWLY POURED CONCRETE

Allow newly poured concrete to cure for a minimum of 28 days before coating.

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 18"x18" 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 porous enough for coating. 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.

CONCRETE PREPARATION

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 (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).

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. 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.



TECHNICAL DATA

ROCKSOLID® METALLIC ADDITIVE FLOOR COATING SYSTEM

SURFACE PREPARATION (cont.)

CONCRETE PREPARATION (cont.)

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.

PRODUCT APPLICATION

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 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 **RockSolid Metallic Additive (2 oz.)** to the bucket. Mix with a drill motor and mixing blade or stir stick for 3-5 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.

Pour the mixed material from the bucket directly onto the floor about a foot back from the corner wall in 4" wide ribbons about 5' long. Trim the edges from the poured ribbon of material using a good quality synthetic brush. Use the **RockSolid 3/8" Microfiber Roller Cover** (sold separately) and 9" roller frame to apply the coating evenly to the floor in 5' x 5' sections in an "M" and "W" pattern. De-lint the roller cover prior to application.

PRODUCT APPLICATION (cont.)

Continue working in 5' x 5' 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. Once a strip across the entire back wall has been coated, use the roller to put circular patterns in the coating (like applying wax to a car). Make sure there are no bare spots. 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 Metallic Additive covers up to 100-125 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

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® METALLIC ADDITIVE FLOOR COATING SYSTEM

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% (when combined with 282841) |
| Volatile Organic Compounds | | <1 g/l |
| Practical Coverage | | 100-125 sq.ft./kit (2.5-3.1m 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 |
| | Drive Ready | 24 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).

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.