

RockSolid® Metallic Floor Coating Installation Instruction Sheet

Read instructions carefully before starting project. For more details and application tips go to rustoleum.com/rocksolid

Coverage	Each Polycuramine® pouch covers up to 100 -125 sq. feet. Coverage may vary based on condition and porosity of the concrete.
System Requirements	1 RockSolid Universal Base Floor Coating Kit; 1 RockSolid Metallic Additive; 1 RockSolid 3/8" Microfiber Roller Cover
Indicated Use	For interior use only, including covered garages, basements, and other interior floors; for horizontal surfaces only; not intended for areas exposed to direct sunlight. DO NOT leave container in direct sunlight.
Ideal Application Temperature	Apply when air temperature is 40-90°F and relative humidity is below 80%. DO NOT apply coating if temperatures are expected to drop below 40°F for 48 hours after application.
Minimum Floor Temperature	Minimum floor temperature for coating is 40°F.
RockSolid Product Support	For questions or comments, call our toll-free Product Support 1-866-765-4474

SAFETY INFORMATION

WARNING: If you scrape, sand or remove old paint, you may release lead 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, and clean up carefully with a HEPA vacuum and wet mop. For more information, contact the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. **DANGER!** VAPOR HARMFUL AND CAUSES EYE AND SKIN BURNS. READ CAREFULLY OTHER CAUTIONS ON BACK PANEL.

AVOID CONTACT WITH SKIN AND EYES: For skin contact, wash affected area with soap and water and rinse well. For eye contact, flush with cold water for 15 minutes. If swallowed, do not induce vomiting. Drink 1-2 glasses of water or milk and contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

CHECK FOR THE FOLLOWING CONDITIONS PRIOR TO COATING:

		Solution:
Newly Poured Concrete	If newly poured concrete has not fully cured, coating will not perform properly.	Allow newly poured concrete to cure for a minimum of 28 days before coating.
Sealed Concrete	Drip a small amount of water onto floor. If the water beads, a sealer is present and will need to be removed.	Once sealer has been removed, proceed to Concrete Preparation .
Painted or Coated Concrete	Remove any loose paint by sanding and scraping, then test adhesion of remaining paint: 1. Cut an X through the coating down to the concrete with a razor. 2. Press duct tape over the X, then remove with one quick pull. 3. If more than a quarter of the paint comes off, DO NOT coat the floor with RockSolid until old paint is completely removed.	For best adhesion, scuff sand previously painted or coated floor and clean with solvent such as acetone. Then proceed to Concrete Preparation .
Moist Concrete	Apply a 2' x 2' sheet of plastic to the garage floor. Tape down the edges with duct tape and let set for 24 hours. If water droplets form on the inside of the plastic or concrete appears wet (darker in color), moisture is trapped in the floor and it should not be painted or coated until moisture issue is resolved.	Use Rust-Oleum Moisture Stop (sold separately) to remove moisture from concrete.
Loose/Damaged Concrete	If concrete is loose or chipped, the coating will not perform properly. Damaged areas will need to be repaired before applying RockSolid .	Repair damaged areas before applying RockSolid .

Concrete Preparation* ** ***

1. 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.
2. Mix concrete etch powder (included) with 2 gallons of water until dissolved (**DO NOT** add concrete etch directly to paint). 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 etch solution over a 10' x 10' section of floor. Scrub vigorously with a bristle brush to loosen dust and dirt. Keep the entire section wet until it has been etched and rinsed, and then move on to the next section.
- Once completed, rinse and squeegee 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.
- Rub your fingers over the dry floor. If dust or powder comes off on your fingers, repeat scrubbing and rinsing until floor is clean. Allow floor to dry completely. **Note:** If floor is not thoroughly cleaned and rinsed, coating may not adhere properly.

*Wood Preparation: Using 80 grit sandpaper, sand the wood surface to remove mil glaze, sealers and/or varnishes. Vacuum and wipe clean with a dry rag, 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.

***Etch process not required for basements or interior floors.

RockSolid Mixing - Metallic System

- MIX ONLY ONE POUCH AT A TIME.** Thoroughly mix material in the pouch by shaking it back and forth and squeezing each side of 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 activated and must be applied within specified timeframes (see **Application Chart**).
- Once the material is thoroughly mixed, use scissors to cut a corner off of the pouch and pour contents into a 5 Qt. mixing bucket (sold separately).
- Add the **RockSolid Metallic Additive** (sold separately) to bucket. Mix with paddle mixer and drill for 3-5 minutes. **Note:** For an increased slip-resistant surface, install the **RockSolid Clear Topcoat** with anti-slip additive.

RockSolid Application & Instructions

If Temp is 40-75°F:	If Temp is 76-90°F:
Trim edges immediately after mixing	Trim edges immediately after mixing
Roll immediately after mixing	Roll immediately after mixing
Pot life after mixing: 1 hour (do not use product after 1 hour)	Pot life after mixing: 45 minutes (do not use product after 45 minutes)
Best results: 12pm (or when temperatures are rising)	Best results: coat early morning (before 9AM)

- Pour the mixed material from the bucket directly onto the floor about a foot from the back 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 coating evenly to floor in 5' x 5' sections in an "M" and "W" pattern. *De-lint roller cover prior to application.*
- Continue working in 5'x 5' sections, pouring a new ribbon 2' away from previous section. Use the roller to pull the material back first, then it can be pushed forward to fill in the void between sections. Overlap into 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) to ensure there are no bare spots, and will give the coating an opaque appearance once dry. Coverage and opacity may vary based on condition and porosity of the concrete.
- Only one coat is necessary. Product must be used within the pot life indicated (see **Application Chart**) or gloss and color may appear uneven.
- Do not coat over control joints or roll over control joints. Use a flexible control joint fill material if desired.
- Repeat the above steps for each additional pouch.

RockSolid Dry Time & Clean-up

- Temperature and humidity may affect drying time. Do not walk on 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 tools and equipment with mineral spirits. Allow unused product to harden in container and discard according to local regulations.