



**ROCKSOLID®
METALLIC GARAGE FLOOR COATING**

DESCRIPTION AND USES

RockSolid® Metallic Garage Floor Coating is designed to provide excellent hardness, adhesion and durability on properly prepared concrete floors. It has excellent resistance to salt, oil, gasoline and other harsh chemicals. Garage Coat has zero VOCs making it environmentally safe and is packaged in pouches, which reduces waste. This product combines the key attributes from multiple chemistries to provide a self-leveling, flexible, fast curing, high gloss system.

RockSolid Metallic Garage Floor Coating can be applied over multiple floor surfaces including tile. (Contact RockSolid Floors for more information). The surface should be free of loose particles, rust, oils and contaminants. It is recommended that this product be applied in a multi-directional (north, south, east and west) motion to help ensure proper coating thickness.

The RockSolid Metallic Garage Floor Coating kit includes the following:

- Instructions
- Concrete Etch
- 3/8" Nap Microfiber Roller Cover
- Metallic Tint
- Polycuramine Burst Pouch
- Stir Stick

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

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

Other optional items that may be needed include:

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

PRODUCTS

SKU	Description
286893	Silver Metallic
286894	Copper Metallic
286895	Brown Metallic
286896	Cherry Metallic
299741	Amaretto Metallic
299743	Gunmetal Metallic
299744	Burnished Gold
299745	Brilliant Blue

PRODUCT FEATURES

- Low odor and can be applied indoors
- VOC free
- 45 minute pot life
- Serves as both primer, basecoat and topcoat in one easy coat
- Patented Burst Pouch Technology
- 96% solids formulation
- Has excellent self-leveling properties with built-in shine
- 7 day recoat window without sanding

PACKAGING

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

APPEARANCE

High gloss

PRODUCT APPLICATION

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 2'x2' 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.

If the previous coating is well adhered, de-gloss the surface using 40-80 grit sandpaper, vacuum the surface and wipe down using urethane grade MEK prior to application.



TECHNICAL DATA

ROCKSOLID® METALLIC GARAGE FLOOR COATING

PRODUCT APPLICATION (cont.)

MIXING

Both components and 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.

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.

Once the material is thoroughly mixed, use scissors to cut a corner off of the pouch and pour contents into mixing bucket. Add the metallic tint (included) to bucket. Mix with paddle mixer and drill for 3-5 minutes. 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. Roll out the material in 5x5 foot sections for a desired spread rate of 100-125 square feet. 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 not bare spots, and will give the coating an opaque appearance once dry. Repeat mixing and application process for each additional pouch.

THINNING

None required

CLEAN-UP

Use acetone to clean tools and equipment before the product cures.

PRODUCT APPLICATION (cont.)

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.

PERFORMANCE CHARACTERISTICS

Flexibility, 1/8" Mandrel (ASTM D1737)	Pass
Hardness, Shore D (ASTM D2240)	90
Gloss (ASTM D523) @ 60°	>95
Abrasion Resistance (ASTM D4060) CS-17 Wheel, 1,000 g load, 1,000 cycles	40 mg

**TECHNICAL DATA****ROCKSOLID® METALLIC GARAGE FLOOR COATING****PHYSICAL PROPERTIES**

Resin Type		Cycloaliphatic Amine Converted Urethane Modified Epoxy
Pigment		Varies with color
Solvent		Benzyl Alcohol, Isophorone Diamine, Nonylphenol, Diglycidyl Ether
Weight	Per Gallon	9.1-9.3 lbs.
	Per Liter	1.09-1.11 kg
Solids	By Weight	96%
	By Volume	97%
Volatile Organic Compounds		<1 g/l
Practical Coverage at Recommended DFT		One kit covers 100-125 square feet
Dry Times @ 70-80° F (21-27°C) and 50% Relative Humidity†	Touch	6-9 hours
	Recoat	12 hours - 7 days*
	Foot Traffic	8-10 hours
	Vehicle Traffic	24-36 hours
Shelf Life		12 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 slightly from the actual manufactured material.

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

* If 7 days recoat time has elapsed, the coating must be sanded prior to recoating.

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