•TRUSTED QUALITY SINCE 1921•
RUST-OLEUM®
ROCKSOLID®
THE WORLD'S TOUGHEST COATINGS™

ROCKSOLID® METALLIC GARAGE FLOOR COATING KIT

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. 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).

PRODUCT FEATURES

- Low odor and can be applied indoors
- VOC free
- Easy Mix Burst Pouch
- 96% solids formulation
- Longer pot life than other 100% solids epoxies
- Has excellent self-leveling properties
- 7 day recoat window with out sanding

KIT CONTENTS

- Polycuramine Burst Pouch (Two part Burst Pouch Technology U.S. Patent Number 8,381,903 B2)
- Concrete Etch
- 3/8" Nap Microfiber Roller Cover
- 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)
286893	Silver Bullet Metallic
286894	Copper Metallic
286895	Brown Metallic
286896	Cherry Metallic
299741	Amaretto Metallic
299743	Gunmetal Metallic
299745	Brilliant Blue

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.

For best adhesion, scuff sand previously painted or coated floor using 80 grit sandpaper and cleanwith solvent such as acetone. Or use **Rust-Oleum Garage & Concrete Floor Primer** (sold separately).

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.

Form: GDH-605
Rev.: 081022

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PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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.

Use the concrete etch (included in the kit) per the instructions to provide the proper surface condition to ensure proper adhesion. Rinse the floor thoroughly and allow it to dry completely.

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 40ºF (4ºC) prior to use. Be sure the air and surface temperatures are at least 5º 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.** The product is now activated and must be applied 45 minutes to 1 hour.

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 in thoroughly mixed, use a scissors to cut a corner off the pouch. Pour the contents of the pouch directly onto the floor in 4” wide ribbons, about 5’ long.

Trim the edges from the poured ribbon of material using a good quality synthetic brush. Use the supplied **RockSolid ⅜" Microfiber Roller Cover** on a 9" roller frame to apply the coating evenly to the floor 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.

COVERAGE RATE

Each Polycuramine pouch 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.

THINNING

None required

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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PERFORMANCE CHARACTERISTICS

FLEXIBLITY (1/8" MANDREL)

METHOD: ASTM D1737
RESULT: Pass

HARDNESS SHORE D

METHOD: ASTM D2240
RESULT: 90

GLOSS @ 60°

METHOD: ASTM D523
RESULT: >95

ABRASION RESISTANCE

METHOD: ASTM 4060, CS 17, 1,000 gram load
RESULT: Loss/1000 cycles = 40 mg

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PHYSICAL PROPERTIES

		METALLIC GARAGE FLOOR COATING KIT
Resin Type		Cycloaliphatic Amine Converted Urethane Modified Epoxy
Pigment		Varies with color
Solvent		Benzyl Alcohol, 1-Choro-4-(Trifluoromethyl) Benzene
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		One kit covers 100-125 square feet (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 @ 70-80º F (21-27°C) and 50% Relative Humidity†	**Touch**	6-9 hours
	Recoat	After a minimum of 12 hours and before 7 days*
	Foot Traffic	8-10 hours
	Vehicle Traffic	24-36 hours depending on temperature
Shelf Life		60 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 from the actual manufactured material.
† Dry times will be increase if temperatures are less than 55ºF (13ºC).
* If 7 days recoat time has elapsed, the coating must be sanded prior to recoating.