



ROCKSOLID® GARAGE FLOOR COATING KIT

DESCRIPTION AND USES

RockSolid® Garage Floor Coating Kit 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 Floor Coating has zero VOCs making it environmentally safe and is packaged in pouches, which reduces waste.

RockSolid Garage Floor Coating can be applied over multiple floor surfaces including wood and tile. It is ideal for garages, basements, workshops, laundry rooms and more. 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 Garage Floor Coating Kit includes the following:

- Instructions
- DVD
- 230 mm Foam Roller
- Concrete Etch
- Decorative Chips
- Polycuramine Burst Pouch

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

- 230 mm Roller Frame
- Extension Pole
- Stiff bristled Broom or Scrub Brush
- 75 mm Paint Brush

Other optional items that may be needed:

- Anti-Skid Additive
- Heavy-duty Degreaser
- Fast Patch Concrete Repair Kit

PRODUCTS

SKU	Description
301715	Garage Grey Small Kit
301775	Garage Grey Large Kit
301776	Garage Tan Large Kit
301801	Garage Tan Small Kit

PRODUCT FEATURES

- Drive on 24 hours
- No hot tyre pick-up
- Low odour and VOC free
- Excellent chemical resistance
- High gloss finish
- ECO safe
- Self-leveling and buildable
- Easy mix burst pouch

PACKAGING

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

PRODUCT APPLICATION

SURFACE PREPARATION

Scrub heavily soiled areas with RockSolid Heavy-duty Degreaser or commercial detergent. Use the supplied RockSolid Safe Etch Solution per the instructions to provide the proper surface condition to ensure proper adhesion. Rinse the floor thoroughly and allow it to dry completely.

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 100 micron plastic sheet 45x45 cm 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 100-120 mm 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.

MIXING

Both components and environment should be pre-conditioned to a minimum of 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 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. Repeat the process for all pouches.

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.



TECHNICAL DATA

ROCKSOLID™ GARAGE FLOOR COATING KIT

PRODUCT APPLICATION (cont.)

APPLICATION

Apply only when air, material and floor temperatures are between 4-32°C. Optimal installation temperature is 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 a scissors to cut a corner off the pouch. Pour out a ribbon of the Garage Floor Coating and trim the outer edges. Apply the coating in 1 M x 1 M sections with the 230 mm roller (included). Roll and spread in an 'M' and 'W' pattern to the desired spread rate of 16-23 square metres. Back roll to achieve a thin, uniform coat over the entire floor.

PRODUCT APPLICATION (cont.)

THINNING

None required

CLEAN-UP

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

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 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 7-32°C. Keep out of direct sunlight and away from fire hazards.



TECHNICAL DATA

ROCKSOLID® GARAGE FLOOR COATING KIT

PHYSICAL PROPERTIES

Resin Type		Proprietary Blend of Epoxy, Urethane and Polyurea
Pigment		Varies with color
Solvent		Benzyl Alcohol, Isophorone Diamine, Nonylphenol, Diglycidyl Ether
Weight	Per Litre	1.09-1.11 kg
	Per Gallon	9.1-9.3 lbs.
Solids By Volume		96%
Volatile Organic Compounds		<1 g/l
Practical Coverage at Recommended DFT		Approximately 16 to 23 m ² per kit (coverage rate can vary depending on texture and porosity of concrete)
Dry Times @ 21-27°C and 50% Relative Humidity [†]	Walk-On Ready	8-10 hours
	Drive Ready	12-16 hours
	Recoat	Maximum 7 days*
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 13°C.

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

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