



ROCKSOLID® METALLIC FLOOR COATING KIT

DESCRIPTION AND USES

RockSolid® Metallic 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. Metallic Floor Coating 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 Floor Coating can be applied over multiple floor surfaces including tile. 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 Floor Coating kit includes the following:

- Instructions & Stir Stick
- DVD
- Concrete Etch
- 230 mm Polyamide Roller Cover (2)
- Metallic Tint (2)
- Polycuramine Burst Pouch (2)

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
- Mixing Bucket

Other optional items that may be needed include:

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

PRODUCTS

SKU	Description
301623	Metallic Cherry Bomb
301624	Metallic Earth Brown
301625	Metallic Brilliant Blue
301626	Metallic Gunmetal

PRODUCT FEATURES

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

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 plastic sheet 50cm x 50cm 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 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.

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.

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.



TECHNICAL DATA

ROCKSOLID® METALLIC 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 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 or stir stick (provided) for 1-2 minutes. Trim outer edges of the floor. After trimming the outer edges, pour the mixed material onto the floor working in 1.5 x 1.5 metre sections and roll out with the 230 mm roller. Repeat mixing and application process for each additional pouch that is needed.

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 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

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PHYSICAL PROPERTIES

Resin Type		Cycloaliphatic Amine Converted Urethane Modified Epoxy
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 Weight	96%
	By Volume	97%
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 (70-80°F) and 50% Relative Humidity [†]	Touch	6-9 hours
	Walk-on Ready	8-10 hours
	Drive Ready	24 hours
Shelf Life		24 months unopened factory delivered pouches
Flash Point		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 13°C.

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