



ROCKSOLID® UNIVERSAL BASE FLOOR COATING KIT

DESCRIPTION AND USES

RockSolid® Universal Base Floor Coating Kit is an odor free, clear Polycuramine base that serves as the foundation of three RockSolid floor finishing systems which includes Metallic System, Pearlescent System and Marble System. Polycuramine provides excellent abrasion and chemical resistance. It combines key attributes from multiple chemistries into one system that is self-leveling, flexible, fast curing and high gloss.

RockSolid Polycuramine is designed to be applied over interior or exterior concrete surfaces. The surface should be free of loose particles, rust, oils and contaminants.

PRODUCT FEATURES

- Low odor and can be applied indoors
- Formulated without the addition of VOC containing solvent
- 45 minute pot life
- Patented Burst Pouch Technology
- 96% solids formulation
- Has excellent self-leveling properties
- 7 day recoat window without sanding (topcoat)
- Excellent durability in a single coat
- 24 hour drive on time depending on temperature and humidity

SYSTEM REQUIREMENTS

- Universal Base
- Metallic, Pearlescent or Marble Additive
- Microfiber or Marble Roller & Tray Kit

PRODUCTS

SKU	Description
282841	Universal Base Clear

PACKAGING

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

APPEARANCE

High gloss

PRODUCT APPLICATION

READ INSTRUCTIONS CAREFULLY BEFORE STARTING PROJECT.

SURFACE PREPARATION

Proper surface preparation is critical to achieve best results. 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 supplied RockSolid concrete etch per the instructions to provide the proper surface condition to ensure proper adhesion. Rinse the floor thoroughly and allow it to dry completely.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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 18"x18" 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 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.

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.

MIXING

MIX ONLY ONE POUCH AT A TIME. Both components and the 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. Thoroughly mix the materials by shaking the pouch back and forth and squeezing the edges and corners toward the center of the pouch.



TECHNICAL DATA

ROCKSOLID® UNIVERSAL BASE FLOOR COATING KIT

PRODUCT APPLICATION (cont.)

MIXING (cont.)

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.

See application instructions for the specific system that was chosen. (Metallic, Marble or Pearlescent)

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.

Dry times and coverage rates will be determined by the specific system used for the application.

PRODUCT APPLICATION (cont.)

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 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.



TECHNICAL DATA

ROCKSOLID® UNIVERSAL BASE FLOOR COATING KIT

PHYSICAL PROPERTIES

Resin Type		Proprietary Blend of Epoxy, Urethane and Polyurea
Pigment		None
Solvent		Benzyl Alcohol, 1-Chloro-4-(Trifluoromethyl) Benzene, Nonylphenol, Neopentyl Glycol Diglycidyl Ether
Weight	Per Gallon	8.9 lbs.
	Per Liter	1.07 kg
Solids By Volume		96.6%
Volatile Organic Compounds		<1 g/l
Practical Coverage		Coverage will vary depending on the specific system used and the texture and porosity of concrete
Pot Life		45 minutes to 1 hour (depending on temperature and humidity)
Dry Times @ 70-80° F (21-27°C) and 50% Relative Humidity†	Tack Free	8-10 hours
	Dry Hard	12-16 hours
	Drive Ready	24 hours depending on temperature
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 55°F (13°C).

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