



ROCKSOLID® GARAGE TOPCOAT CLEAR

DESCRIPTION AND USES

RockSolid® Garage Topcoat Clear is a clear, high gloss protective coating designed to provide excellent durability. It has excellent resistance to salt, oil, gasoline and other harsh chemicals. Topcoat Clear has zero VOCs making it environmentally safe and is packaged in pouches, which reduces waste.

RockSolid Garage Topcoat Clear is designed to be applied over concrete surfaces. 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.

PRODUCTS

SKU	Description
282829	Garage Topcoat Clear Kit

PRODUCT FEATURES

- Low odor and can be applied indoors
- Formulated without addition of VOC containing solvent
- 45 minute pot life
- Serves as both prime, basecoat and topcoat in one easy coat
- Patented Burst Pouch Technology
- 96% solids formulation
- Has excellent self-leveling properties
- 7 day recoat window without sanding
- Excellent durability in a single coat

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 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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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 - If the floor has been previously coated, you need to determine if the coating is well adhered to the surface. If it is, you can coat over the previous coating if you completely de-gloss the surface using 40-80 grit sandpaper and wipe the surface down with MEK solvent. Make sure to wear proper protective equipment and follow the manufacturer's instructions.

Testing for Adhesion - With a razor knife, cut and X through the coating and down to the concrete. Apply a 5" piece of tape over the X and press down firmly. Completely remove the tape with one quick pull. 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 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. 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.

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.



TECHNICAL DATA

ROCKSOLID® GARAGE TOPCOAT CLEAR

PRODUCT APPLICATION (cont.)

Once the material is thoroughly mixed, use a scissors to cut a corner off the pouch. Pour the contents from the pouch directly onto the floor about a foot from the back corner of the wall in 2" to 3" wide ribbons four feet long. Trim the edges from the poured ribbon material using a good quality synthetic brush. Use a 3/8" nap roller on a 9" roller frame to apply the coating evenly to the floor in 4' x 4' sections in an "M" and "W" pattern. De-lint the roller cover prior to application.

Continue working in 4' x 4' sections. Keep a wet edge to prevent lap marks or gloss differences. One coat is necessary. Product must be used within the usable pot life. If the ambient air temperature is 40-75°F, pot life after mixing is 1 hour. Do not use the product after 1 hour. If the ambient air temperature is 76-90°F, pot life after mixing is 45 minutes. Do not use the product after 45 minutes.

Do not coat over control joints. Use a flexible control joint filler if desired. Repeat the above steps for each additional pouch. Apply to a desired spread rate up to 450-500 square feet over coated concrete and 200-250 square feet over bare concrete.

Note: If applying the clear coat over a heavy chip broadcast, pour the contents into a standard paint tray, rather than directly onto the floor.

ANTISLIP

For a non-slip finish, use RockSolid Anti-Slip.

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 mineral spirits. Allow unused product to harden in the container and discard according to local regulations.

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

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PHYSICAL PROPERTIES

Resin Type		Proprietary Blend of Epoxy, Urethane and Polyurea
Pigment		NA
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 Volume		96%
Volatile Organic Compounds		<1 g/l
Practical Coverage at Recommended DFT		Covers up to 450-500 sq.ft. over coated concrete Covers up to 200-250 sq.ft. over bare concrete
Dry Times @ 70-80° F (21-27°C) and 50% Relative Humidity†	Tack Free	8-10 hours
	Dry Hard	12-16 hours
	Recoat	Maximum 7 days*
	Vehicle Traffic	24-36 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).

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

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