



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 VOC making it environmentally safe and is packaged in pouches, which reduces waste.

PRODUCT FEATURES

- Low odour and can be applied indoors
- Formulated without the addition of VOC containing solvent
- 45 minute pot life
- Patented Burst Pouch Technology Pouch (Two part Burst Pouch Technology U.S. Patent Number 8,381,903 B2)
- 96% solids formulation
- Has excellent self-leveling properties
- 7 day recoat window without sanding
- Excellent durability in a single coat

PRODUCT

SKU	DESCRIPTION (High Gloss)
282153	Garage TopCoat Clear 1 Car Kit

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 45 cm x 45 cm (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.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

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 13 cm (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

MIX ONLY ONE POUCH AT A TIME. Both components and the environment should be pre-conditioned to a minimum of 4°C (40°F) prior to use. Be sure the air and surface temperatures are at least 5° above the dew point.

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 4-32°C (40-90°F). Optimal installation temperature is 13-32°C (55-90°F). 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 the contents of the pouch directly onto the floor in a 5 cm- 8 cm (2-3") wide ribbon about 1.2 m (4') long. Trim the edges from the poured ribbon of material using a good quality synthetic brush. Use the supplied **RockSolid 10 cm (3/8") Microfiber Roller Cover** on a 9" roller frame to apply the coating evenly to the floor in 1.2 m x 1.2m (4' x 4') sections in an "M" and "W" pattern.



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PRODUCT APPLICATION (cont.)

APPLICATION (cont.)

Continue working in 1.2 m x 1.2m (4' x 4') sections, pouring a new ribbon 60 cm (2') away from the previous section. Use the roller to pull the material back first; then push forward to fill in the void between sections. Overlap into the previously coated areas while taking care to avoid creating thick spots.

Once a strip across the entire back wall has been coated, toss the decorative paint chips onto the wet coating. Leave a 15 cm - 30 cm (6"-12") section of wet film without decorative chips. This section will be rolled into when coating the next 1.2 m x 1.2m (4' x 4') area. Skip this step if paint chips are not desired. The coating performance will not be affected.

Do not coat or roll over control joints. Use a flexible control joint fill material if desired. Repeat the above steps for each additional pouch.

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 4°C (40°F).

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 7-32°C (45-90°F). Keep out of direct sunlight and away from fire hazards.

PERFORMANCE CHARACTERISTICS

FLEXIBILITY (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

	TECHNICAL DATA	RSD-72
ROCKSOLID® GARAGE TOPCOAT CLEAR		

PHYSICAL PROPERTIES

		GARAGE TOPCOAT CLEAR
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		4.9-6.2 m ² /l (200-250 sq.ft./kit) (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 @ 21-27°C (70-80° F) 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		60 months unopened factory delivered pouches
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 13°C (55°F).

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