



# ROCKSOLID® CLEAR TOPCOAT FLOOR COATING

## DESCRIPTION AND USES

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

RockSolid Clear Topcoat Floor Coating 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.

The RockSolid Metallic Floor Coating kit includes the following:

- Instructions
- DVD
- 230 mm Polyamide Roller Cover
- Anti-Skid Additive
- 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
- Paint Tray

Other optional items that may be needed include:

- Heavy-Duty Degreaser
- Fast Patch Concrete Patch & Repair

## PRODUCTS

SKU	Description
301811	Clear Topcoat

## PRODUCT FEATURES

- Dries 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 bare 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.

**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** – If coating within 7 days of applying RockSolid Floor Coating, wipe the surface clean with urethane grade MEK solvent to remove dust and other contaminants. If applying the Clear Topcoat after 7 days, scuff sand the coated surface and vacuum to remove all sanding dust. Make sure to wear proper protective equipment and follow the manufacturer's instructions.

### 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. 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. Repeat this process for each pouch used.

### 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.



## TECHNICAL DATA

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### PRODUCT APPLICATION (cont.)

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Once the material is thoroughly mixed, use scissors to cut a corner off of the pouch and pour contents onto the floor. Trim outer edges of the floor. After trimming the outer edges with a brush, apply the coating in 1 metre x 1 metre sections with the supplied roller. Repeat mixing and application process for each additional pouch that is needed. The Anti-Skid Additive (included) is recommended for increased slip resistance.

#### 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.

### PRODUCT APPLICATION (cont.)

#### 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.

#### 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.



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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 Litre	9.1-9.3 lbs.
	Per Gallon	1.09-1.11 kg
Solids By Volume		96%
Volatile Organic Compounds		<1 g/l
Practical Coverage at Recommended DFT		Approximately 16 to 23m <sup>2</sup> 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	4-6 hours
	Walk-on Ready	8-10 hours
	Recoat	Maximum 7 days*
	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).

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

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Rust-Oleum Australia  
Unit 12, 4 Southridge Street  
Eastern Creek, NSW 2766  
PH: 1 300 784 476  
www.rustoleum.com.au  
email: sales@rustoleum.com.au

HAYDN BRUSH CO. LTD.  
PO Box 4325  
Christchurch, New Zealand  
PH: 64-3 384 7770  
email: mail@haydn.co.nz

Form: GDH-1034  
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