

1. PRODUCT NAME

ProSpec® RubCrete

2. MANUFACTURER

TEC Specialty Products LLC
1105 South Frontenac Street
Aurora, IL 60504-6451 U.S.A.
1-800-832-9002 Customer Service
1-800-832-9023 Technical Support
prospec.com

3. PRODUCT DESCRIPTION

ProSpec® RubCrete is a one-component, polymer-modified, portland cement-based, interior and exterior resurfacer designed for smoothing and filling vertical and overhead concrete and masonry surfaces.

FEATURES & BENEFITS

- Interior/exterior
- Featheredge to 1/2" (1.5 mm - 13 mm)
- Excellent bond to old or new concrete
- Self-curing
- Non-shrink finish
- No primer needed
- Excellent coverage and easy to use
- Vertical and overhead applications

USES

Interior or exterior concrete walls including:

- Masonry block
- Poured in place concrete
- Tilt up panels
- Precast structures

Fill in surface defects including:

- Bug holes
- Honeycombs
- Cracks

SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT.

SDS Sheets are available on our website prospec.com or contact Medical Emergency Phone Number (24 Hours): 1-888-853-1758, Transport Emergency Phone Number (CHEMTREC): 1-800-424-9300 or contact ProSpec® Technical Services at 800-832-9023 (7:00AM to 5:00PM M-F, Central US Time).

CAUTIONS

Read complete cautionary information printed on product container prior to use. For medical emergency information, call 1-888-853-1758. This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered ProSpec® brand product(s) under normal environmental and working conditions. Because each project is different, TEC Specialty Products LLC cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

LEED® Eligibility¹

- Recycled Materials (MR-c4)
- Regional Materials (MR-c5)
- Low-Emitting Materials (IEQ-c4.2)

PACKAGING

White: 25 lb (11.3 kg) bag

Gray: 25 lb (11.3 kg) bag

Brown: 25 lb (11.3 kg) bag

SHELF LIFE

18 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions and out of direct sunlight.

4. INSTALLATION

Preparation

- All materials should be stored at 40°F (4°C) to 80°F (27°C) 24 hours prior to installation.
- All interfacing surfaces must be sound, clean, free of loose damaged concrete, oil, paint, dust, dirt and other contaminants that will interfere with bond. Remove all form release coatings and existing sealers.
- If needed, adjoining surfaces must be mechanically cleaned through grinding, wire brushing or sand blasting. Do not use chemical means to prepare the substrate.
- Areas should be saturated surface dry (SSD) with no standing water remaining before applying RubCrete. Surface receiving RubCrete should be above 40°F (4°C), and not frost covered.

Note: It is the responsibility of the installer/applicator to ensure the suitability of the product for its intended use.

JOB MOCKUPS

The manufacturer requires that when its ProSpec® products are used in any application or as part of any system that includes other manufacturers' products, the contractor and/or design professional shall test all the system components collectively for compatibility, performance and long-term intended use in accordance with pertinent and accepted industry standards prior to any construction. Written documentation of the tests performed shall be satisfactory to the design professional and contractor. Test results must include the means and methods of application, products used, project-specific conditions being addressed, and standardized tests performed for each proposed system or variation.

MIXING

For each 25 lb (11.3 kg) bag of RubCrete add 3 to 5 qt (2.8 - 4.7 L) of potable water into a clean container.

Use the amount of water consistent with the desired workability:

- 3 qt (2.8 L) Trowelable application
- 4 qt (3.8 L) Sponge application
- 5 qt (4.7 L) Brush application

For smaller quantities, pro-rate the ingredients accordingly. Add the powder to the water while mixing for at least 3 minutes to a lump-free consistency.

RubCrete can be mixed by hand; however, the use of a heavy-duty drill and mixing paddle produces the best results.

APPLICATION

Apply when air and substrate temperatures are between 40°F (4°C) and 100°F (38°C). For applications outside this range of temperatures, contact ProSpec® Technical Services. RubCrete is not formulated with aggregates that are gritty and interfere with featheredging or smooth surfaces. The paste like consistency is user friendly and fills in all gaps, holes and depressions. Using a steel trowel, apply enough pressure and material to slightly over fill all voids and then touch ups can be made to correspond to the adjacent profile.

This can be accomplished by employing a damp sponge, trowel or rubber float after initial set has taken place. If needed a second coat can be applied before the first application

sets up.

Deeper areas and cool temperatures will extend hardening time. Working time at 70°F (21°C) will be approximately 30 minutes. Cool temperatures will delay hardening while warm temperatures will accelerate set.

CURING

- RubCrete is self curing. Allow to cure 16 - 24 hours before covering.
- Under extreme heat or wind conditions the use of a water-based curing compound is recommended. Refer to American Concrete Institute Procedure No. 308.
- Due to the natural variations in portland cements, slight color differences may appear. Should this be unacceptable an opaque sealer is recommended.

CLEANING

Clean equipment with water and detergent immediately after use.

LIMITATIONS

- Do not install when the substrate or ambient temperature is below 40°F (4°C) or above 100°F (38°C).
- Do not retemper, overwater or mix with additives.

COVERAGE

1 lb (0.5 kg) of RubCrete covers approximately 2 ft² at 1/8" (0.2 m² at 3 mm).

Actual coverage depends on the substrate surface.

5. AVAILABILITY

To locate ProSpec® products in your area, please contact:

Phone: 800-832-9002

Website: prospec.com

6. WARRANTY

For warranty details, see your sales associate or prospec.com

7. MAINTENANCE

Not applicable

8. TECHNICAL SERVICES

Technical Assistance Information is available by calling the Technical Support Hotline.

Toll Free: 800-832-9023

Fax: 630-952-1235

Technical and Safety Literature

To acquire technical and safety literature, please visit our website at prospec.com.

9. FILING SYSTEM

Division 3

¹ ProSpec® products can contribute to LEED® credits within the Material Resource, (Recycled Content & Regional Materials) and Indoor Environmental Quality (Low Emitting Materials).

10. TECHNICAL DATA

Water Level	3 qt / 25 lb
Working Time	25 - 35 minutes

Compressive Strength ASTM C109	
28 days	3,500 psi (24.1 MPa)

Note: Test results obtained under controlled laboratory conditions at 73°F (22.7°C) and 50% relative humidity unless otherwise specified. Tested using 3 qt (2.9 L) of water per 25 lb (11.3 kg) powder. Reasonable variations can be expected due to atmospheric and job site conditions.

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Data Sheets are subject to change without notice.
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at prospec.com



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