

RUBCRETE

Description

ProSpec[®] RubCrete is a non-gypsum, polymer enhanced, one component resurfacer for filling and smoothing interior and exterior vertical concrete and masonry surfaces.

Features

- Excellent bond to old or new concrete
- Self curing, no additional curing needed
- Feather edge to 1/2" (13 mm)
- Non-shrink finish
- No primer needed
- Excellent coverage and easy to use
- Can be covered in 30 minutes at 1/8" (3 mm) or less*
- Interior/exterior

* NOTE: Thicker applications require more waiting time.

Uses

Interior or exterior concrete walls including:

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

Fill in surface defects including:

- Bug holes
- Honeycombs
- Cracks

Technical Data

Compressive Strength (ASTM C 109)

1 day	600 psi (4.1 MPa)
3 days	1500 psi (10.3 MPa)
7 days	2000 psi (13.8 MPa)
28 days	3500 psi (24.1 MPa)

Test results obtained under controlled laboratory conditions. Reasonable variations can occur due to atmospheric and job site conditions.

Preparation

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 not be frost covered and above 40° F (4° C).

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Mixing

For each 25 lb. (11.3 kg) bag of RubCrete add 3 to 5 qts. (2.8-4.7 L) of potable water into a clean container. Use the amount of water consistent with the desired workability:

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

For smaller quantities pro-rate the ingredients accordingly. Add the powder to the water while mixing to a lump free consistency, for at least 3 minutes. RubCrete can be mixed by hand however the use of a heavy-duty drill and mixing paddle produces the best results. Do not re-temper or exceed the water limits.

Application

ProSpec 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.

Clean Up

Clean equipment with water and detergent immediately after use.

Best Performance

- Do not install when the substrate or ambient temperature is below 40° F (4° C)
- Do not re-temper, over water or mix with additives
- To evaluate conditions, performance and color, a small test application is recommended

Curing and Sealing

RubCrete is self curing. 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.

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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.

Packaging

25 lb. (11.3 kg) moisture resistant bag

Storage

Store under cool/dry conditions and keep from direct sun exposure.

Shelf Life

One year when stored properly in original unopened container.

Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. WARNING!

Provide proper air circulation
Can be irritating to eyes and skin. Avoid contact with eyes or

prolonged skin contact. In case of eye contact, flush thoroughly with water, DO NOT RUB EYES and call physician immediately. Wash hands with soap and water. Do not take internally.

Consult Material Safety Data Sheet for further information.

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First Aid

Inhalation: Remove to fresh air
Eye Contact: Irrigate eye with water or consult physician if irritation persists.

Skin Contact: Washed exposed skin area with soap and water; consult a physician if irritation persists.

Ingestion: Immediately consult a physician.

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