

118 PRIMER

Description

ProSpec® 118 Primer is a concentrated liquid, zero VOC copolymer used prior to the installation of cementitious toppings, underlayments, repair mortars and stuccos. It improves the bond strength between toppings and profiled substrates.

Features

- Non re-emulsifiable as per ASTM C 932
- Improves bond strength
- Interior or exterior/above and below grade
- Concentrated to allow dilution
- Improves curing
- Bonds new concrete to old

Uses

- Stucco (cementitious plasters)
- Cement based coatings
- Leveling compounds
- Repair and setting mortars
- Concrete
- Self-leveling products

Substrates:

- Concrete
- Quarry tile
- Block
- Concrete masonry
- Stucco
- Scratch and brown coat
- Brick
- Clay products
- Stone

Preparation

1. Clean area and remove all unsound concrete, grease, oil, paint and any other foreign materials that will inhibit performance.

2. Slick or sealed surfaces must be thoroughly roughened.

NOTE: It is the responsibility of the installer/ applicator to ensure that test areas are performed to determine the suitability of the product for its intended use.

Refer to

- ASTM D 4258 [Surface Cleaning Concrete for Coating](#)
- ASTM D 4259 [Abrading Concrete](#)
- ASTM D 4261 [Surface Cleaning Concrete Unit Masonry for Coating](#)
- ICRI Guideline No. 03730 [Surface Preparation Guidelines for Repair of Deteriorated Concrete Resulting from Inforcing Steel Oxidation](#)

Mixing

Stir before use. Dilute one part of 118 Primer with one part of clean potable water (1:1) and mix well. Depending on the absorption of the substrate 118 Primer may be diluted up to 1 part primer to 3 parts water (1:3).

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Placement

1. Apply with spray, brush, roller or broom leaving a thin uniform coating approximately 4-6 wet mils thick depending on texture of substrate.
2. Two or more applications of ProSpec 118 Primer may be required due to porous substrates.
3. Protect from water, rain, condensation and freezing until new material has been applied.
4. Allow to dry to a tacky, translucent state (typically 1 to 3 hours at 72° F (22° C) / 50% RH).
5. Placement instructions may vary depending on the product being used. Refer to the specific product data sheet.

NOTE: High humidity, cool temperature and non-absorptive substrates may extend time necessary to dry to a translucent film. The primer application must not be allowed to dry longer than 24 hours. Longer drying times will reduce the bond strength of applied cement based materials. Reapply ProSpec 118 Primer if permitted to dry beyond 24 hours or subjected to moisture prior to applying cementitious products.

Color

Milky liquid that dries translucent.

Yield

1 gallon 300-800 sq. ft. (27.6 m²-74.3 m²)*

*Actual jobsite coverage will vary depending on substrate conditions, thickness applied, and application methods used.

Packaging

- 1 gallon (3.8 L) (4/case)
- 5 gallon (18.9 L) pail
- 55 gallon (208.2 L) drum

Shelf Life

One year from date of manufacture in the original closed container, in a cool dry storage area and protected from freezing conditions.

VOC Content

Low VOC

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Best Performance

- Apply when air or substrate temperature is between 40° F (4° C) and 100° F (38° C). For applications outside this range of temperatures, contact ProSpec® Technical Service.
 - Use only clean mixing container and tools.
 - Use only low speed mixing equipment.
 - Protect from high winds and low humidity.
 - Do not apply over substrates with curing compounds, efflorescence or form release oil.
 - Do not apply thicker than 6 mils wet film thickness in one coat.
 - Remove any accumulated puddles.
 - Do not apply over substrates that are frozen.
- NOTE: Proper application and installation of all ProSpec® products are the responsibility of the end user.

Caution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Avoid exposure to eyes, skin or inhalation as irritation may result.

Refer to the first aid measures for general treatment information.

First Aid

For exposure to skin, wash off immediately with soap and water. If irritation persists, contact a physician immediately. In case of eye contact, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show the container or label.

If conscious, drink plenty of water. Do not induce vomiting without medical advice. If swallowed, seek medical advice immediately and show the container or label. If conscious, drink plenty of water. Do not induce vomiting without medical advice.

Refer to the MSDS for full information

For additional information, call Bonsal American at 704-525-1621 or CHEMTREC at 800-424-9300 or 703-527-3887 outside of the USA.



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