

## 1. PRODUCT NAME

ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Primer

## 2. MANUFACTURER

Bluestone Products<sup>™</sup>, a TCC Materials<sup>®</sup> company  
2025 Centre Pointe Blvd, Suite 300  
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## 3. PRODUCT DESCRIPTION

ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Primer is a high quality, liquid-polymer latex for interior use with ProSpec<sup>®</sup> Level-Flo<sup>®</sup> self-leveling and concrete repair products. Applied to porous surfaces, this substrate primer reduces water absorption to ensure a flowable mix and promotes bonding. ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Primer or Primer Pro are required to be applied to all substrates before placing ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Underlayments or Wear-Toppings.

### Features and Benefits

- Interior and exterior application
- Concentrated, dilute at job site
- Enhances self-leveling flow and adhesion

### Uses

- For use over porous concrete substrates, including cementitious backer units (CBU or cement board)
- For use over APA rated exterior grade/exposure 1 plywood or OSB underlayment grade equivalent.

## SAFETY

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website: tccmaterials.com or contact TCC Materials<sup>®</sup> at 651-688-9116 (7:30 AM to 4:00 PM, M-F, Central US Time).

## CAUTIONS

Read complete cautionary information printed on product container prior to use.

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<sup>®</sup> brand product(s) under normal environmental and working conditions. Because each project is different, neither ProSpec<sup>®</sup> nor TCC Materials<sup>®</sup> can be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

## 4. TECHNICAL DATA

Typical Values • ProSpec <sup>®</sup> Level-Flo <sup>®</sup> Primer	
Color Wet/Dry	White / Clear
Density	8.9 lb./gal. (1.07 kg/L)
Drying Time	2-4 Hours at 70°F (21°C)
Flash Point	None
Flammability	Non-flammable
Additional Information	Water-based

### VOC

<10 g/l

### LEED<sup>®</sup> Eligibility<sup>1</sup>

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

### Packaging

- 1 gal. (3.78 L) bottle (BOM #127201)
- 5 gal. (18.93 L) pail (BOM #127205)

### Shelf Life

12 months from the date of manufacture when stored in the original, unopened container, away from moisture, under cool, dry conditions, protected from freezing, and out of direct sunlight. Store dry at 40°F-95°F (4°C-35°C).

## 5. INSTALLATION

### Preparation

- Primer should be stored at temperatures of 40°F-75°F (4°C-24°C) 24 hours prior to installation.
- Surface must be porous, clean, dry, hard, and free from dirt, loose particles, wax, sealers, curing compounds, grease, efflorescence, paint, and any foreign materials that will inhibit adhesion. Proper surface repair preparation is crucial to achieving a successful application.
- Reference ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Underlayments or ProSpec<sup>®</sup> Level-Flo<sup>®</sup> Wear Topping TDS for more detailed information for the substrate requirements and preparation instructions.
- For non-porous substrates, terrazzo, and tight concrete use Level-Flo<sup>®</sup> Primer Pro.

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

ProSpec® Level-Flo® Primer is diluted with clean water using the following chart:

Substrate	Primer to Water Ratio	Coverage Sq. Ft. per Gallon
Porous concrete * (two coats may be required for highly porous substrates)	Level-Flo Primer 1:1	330 Sq. Ft. / Gal (8 m <sup>2</sup> / L)
Plywood	Level-Flo Primer 3:1	250 Sq. Ft. / Gal (6 m <sup>2</sup> / L)

- Gently stir ProSpec® Level-Flo® Primer before use.
- Always use clean tools and mixing containers.

## Application

Apply only to surfaces that are frost free and between 50°F–90°F (10°C–32°C) for 24 hours prior and 48 hours after application.

1. ProSpec® Level-Flo® Primer must be applied evenly over the entire substrate using a soft-bristle brush or paint-roller leaving no bare spots, puddles, or excess primer. Primer must penetrate the substrate and should not be allowed to form a thick or heavy dried film on the surface.
2. For standard concrete use: ProSpec® Level-Flo® Primer to water dilution rate of 1:1.
3. For highly porous concrete, 2 coats of ProSpec® Level-Flo® Primer may be necessary.
  - » First Coat: Use a primer to water dilution rate of 1:1.
  - » Second Coat: Use a primer to water dilution rate of 1:3.
4. For non-porous substrates, terrazzo, and tight concrete use ProSpec® Level-Flo® Primer Pro. Allow the primer to dry to a tacky translucent film with no milky wet spots, typically 1–3 hours. If the primer turns clear within 30 minutes of application the substrate is highly porous and requires a second coat. This typically takes 1–2 hours at 75°F (22.5°C) and 50% relative humidity. Lower temperatures and high humidity will extend dry time and high temperatures and

low humidity will shorten the dry time.

5. ProSpec® Level-Flo® Primer must be completely dry before installing ProSpec® Level-Flo® Underlayments or ProSpec® Level-Flo® Wear Toppings.
6. Primer must be reapplied if not covered within 24 hours or if it becomes contaminated by other trades.
7. Protect primed substrate from foot traffic.
8. When used with radiant heat systems, if possible, primer should be applied to the substrate before the heat system is installed, and /or after installation and testing. A low-pressure (20–30 lbs.) sprayer works well to uniformly apply the primer over heat cables or tubes. Heat system should be turned off prior to application of primer and ProSpec® Level-Flo® Underlayment or Wear-Topping, and remain off for a minimum of 14 days after final flooring is installed.

## Cleaning

Use water to clean all tools immediately after use. Dried material must be mechanically removed.

## Limitations

- Do not allow to freeze. Store dry at 40°F–95°F (4°C–35°C).
- Do not use below 40°F (4°C).
- Do not use undiluted primer or apply excessive coats of primer.
- For non-porous substrates, terrazzo, and tight concrete use ProSpec® Level-Flo® Primer Pro.
- Do not install over water soluble adhesive residue, pressure sensitive adhesive residue, paints, sealers, curing compounds, old flooring, and other foreign material.
- Do not install over dimensionally unstable substrates such as gypsum, gypsum based patching compounds, particle board, luan, asbestos, or chip board.
- Reapply primer if first application is allowed to dry past 24 hours or if the floor has become contaminated by traffic or other trades.
- Do not apply over standing water.
- Not recommended for areas of continuous water exposure such as showers or steam rooms.
- For exterior applications, contact TCC Materials®.

## Coverage

- Refer to Mixing section chart for primer coverage estimates per diluted gallon. Coverage will vary with porosity of substrate.

## 6. AVAILABILITY

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

Phone: 1.651.688.9116  
Email: info@tccmaterials.com

**PROSPEC®**

## 7. WARRANTY

Seller warrants that its product will conform to and perform in accordance with the product specifications. The foregoing warranty is in lieu of all other warranties, expressed or implied, including, but not limited to those concerning merchantability and fitness for a particular purpose. Because of the difficulty in ascertaining and measuring damages hereunder, it is agreed that Seller's liability to the Buyer shall not exceed the total amount billed and billable to the Buyer for the product hereunder.

## 8. MAINTENANCE

Not applicable.

## 9. TECHNICAL SERVICES

Technical Assistance:

Information is available by calling TCC Materials®  
(hours 7:30 AM to 4:00 PM, M–F, CST):

Phone: 1.651.688.9116

Email: [info@tccmaterials.com](mailto:info@tccmaterials.com)

Web: [tccmaterials.com](http://tccmaterials.com)

Technical and Safety Literature:

To acquire technical and safety literature, please visit our website at: [tccmaterials.com](http://tccmaterials.com).

## 10. FILING SYSTEM

Division 3 and Division 9

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

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Data Sheets are subject to change without notice. For the latest revision, check our website at [tccmaterials.com](http://tccmaterials.com)



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