

1. PRODUCT NAME

ProSpec® Level Set Primer

2. MANUFACTURER

Bonsal American
8201 Arrowridge Blvd.
Charlotte, NC 28273-5678 USA

Tech Services: 1.800.334.0784
Fax: 1.704.529.5261
Internet: www.prospec.com

3. PRODUCT DESCRIPTION

ProSpec Level Set Primer is a liquid-polymer, latex bonding agent for applications of the Level Set self-leveling products and ProSpec concrete repair products. All Level Set products must be used in conjunction with a Level Set Primer.

Features and Benefits

- Bonding agent
- Concentrated re-emulsifiable adhesive

Uses

- For use over porous concrete substrates

Safety

READ THE SAFETY DATA SHEET (SDS) BEFORE USING THIS PRODUCT. SDS information is available on our website www.prospec.com or contact CHEMTREC (24 hours availability) 800-424-9300 for International inquiries +011-703-527-3887, or contact Bonsal American Technical Services at 800-334-0784 (8:00 AM to 5:00 PM Eastern US Time).

4. TECHNICAL DATA

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 Eligibility¹

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

Packaging

1 gal (3.8 L) / 4 per case (38 lbs (17 kg)) - Product #65510020
5 gal (18.9 L) pails (48 lbs (22 kg)) - Product #65510021

Shelf Life

12 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.

5. INSTALLATION

Preparation

All materials should be stored at 40°F (4°C) to 80°F (27°C) 24 hours prior to installation.

- Surface must be clean, dry, hard and free from dirt, loose particles, wax, sealers, curing compounds, grease, paint, efflorescence and any foreign materials that will inhibit adhesion.
- Weak concrete surfaces must be cleaned down to solid sound concrete by mechanical means. Acid etching or chemical cleaning is not acceptable. Remove all dust by vacuuming.
- Reference Level Set Underlayment or Level Set Wear Topping TDS for more detailed information.

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

Job Mockups

Bonsal American, Inc. 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.

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.

- Level Set Primer must be applied over the entire substrate using a broom leaving no bare spots, puddles or excess primer.
- Do not apply over standing water.
- For standard concrete use: Level Set Primer to water dilution rate of 1:1.
- For highly porous concrete, 2 coats of Level Set Primer may be necessary.
 - » First Coat: Use a primer to water dilution rate of 1:3.
 - » Second Coat: Use a primer to water dilution rate of 1:1.

Application (cont.)

- For non-porous substrates and tight concrete use Level Set Primer Plus.
- 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 shorten dry time.
- Level Set Primer must be completely dry before installing Level Set Underlayments or Level Set Wear Toppings.
- Primer must be reapplied if not covered within 24 hours.
- Protect primed substrate from foot traffic.

Cleaning

Clean equipment with water and detergent immediately after use.

Limitations

- Do not allow to freeze. Store above 40°F (4°C).
- Do not use below 40°F (4°C).
- Do not use on water soluble adhesive residue.

Coverage

Approximately 350 - 400 ft² (33 - 37 m²) per diluted gallon.

6. TECHNICAL SERVICES

Technical assistance:

Information is available by calling ProSpec Technical Services Hotline (Hours - 8:00 AM to 5:00 PM EST):

Toll Free: 1.800.334.0784

Fax: 1.704.945.0309

Technical and safety literature:

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

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

WARNING

May cause eye and skin irritation. Harmful if swallowed. Wear properly fitted splash proof chemical safety goggles and face shield. In case of eye contact, immediately flush with plenty of water for at least 15 minutes. Wear suitable gloves and clothing. In case of skin contact, immediately flush with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get prompt medical attention if irritation persists. A NIOSH approved filtering face piece selected by a trained health and safety professional is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. If inhaled, may cause respiratory tract irritation. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention. Never give anything by mouth to an unconscious person.

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS

Refer to SDS for complete information, or call Bonsal American (800) 334-0784 or Chemtrec 24 hour service at (800) 424-9300 or +011-703-527-3887 outside of USA.

FIRST AID:

Eye Contact: Flood eyes with water for at least 15 minutes and consult a physician immediately. DO NOT RUB EYES. Skin Contact: Wash exposed skin area with soap and water. Consult a physician if irritation persists. Inhalation: Remove to fresh air. Ingestion: Immediately consult a physician.

For additional information, call Bonsal American at 800-334-0784 or CHEMTREC at 800-424-9300 or +011-703-527-3887 outside of the USA. Refer to Safety Data Sheet (SDS) for further information.

Bonsal American, Inc. (Bonsal) warrants that this product is free from defects in material and workmanship, and will perform per the Bonsal American® product literature in effect at the time of purchase. This warranty is for one (1) year from the date of purchase. Any implied warranty of merchantability or fitness for a particular purpose is limited to the duration of this express warranty. This warranty applies only if the product is used, in strict accord with Bonsal American published instructions. The sole and exclusive remedy under this warranty is replacement of the defective product or refund of the purchase price, at Bonsal's option. CONSEQUENTIAL, SPECIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY. All claims under this warranty must be submitted to Bonsal by calling (800) 334-0784. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



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