

# FLOOR PATCH

## Description

ProSpec<sup>®</sup> Floor Patch is a rapid setting polymer modified, unsanded, portland cement based patching and embossing leveler compound used under a wide variety of floor covering installations.

## Features

- Featheredge to 2" (51 mm) in thickness
- Ready for covering in 1-2 hours
- Vertical or horizontal applications
- No additive required
- Can be sanded to a smooth finish
- For interior or exterior use
- Contains no gypsum
- Can be used over cement terrazzo and cutback adhesives
- Used as an embossing leveler over properly prepared vinyl

## Uses

### To be used under:

- Resilient flooring
- Ceramic tile
- Vinyl tile
- Wood flooring

### To be used over:

- Concrete
- Plywood (interior only)
- Properly prepared cut-back adhesive
- Cement backerboard
- Cementitious terrazzo
- Embossed vinyl

## Technical Data

<b>Percentage Water</b>		<b>Tensile Strength (7d)</b>	
35		>260 psi (1.8 MPa)	
<b>Coverage (1/8" (3 mm)) per 25 lb. (11.3 kg)</b>		<b>Flexural Strength (7d)</b>	
39 sq. ft.		>700 psi (4.8 MPa)	
<b>Set Time</b>		<b>Linear Length Change</b>	
Initial	20-30 minutes	24 hour	-0.0017
Final	40-50 minutes	7 day	-0.006
<b>Hardness (Durometer-Shore D)</b>		<b>Tensile Adhesion (25 mil/24 hr)</b>	
76D		Plywood	>37 psi (0.3 MPa)
<b>Compression Strength</b>		OSB-chip board	>22 psi (0.2 MPa)
2 hours	>600 psi (4.1 MPa)	Concrete	>260 psi (1.8 MPa)*
4 hours	>800 psi (5.5 MPa)	Vinyl	>16 psi (0.1 MPa)
24 hours	>1300 psi (9.0 MPa)	Vinyl with 118 Primer	>29 psi (0.2 MPa)
7 days	>1900 psi (13.1 MPa)	<b>Mosaic Shear Bond</b>	
28 days	>2650 psi (18.3 MPa)	7 day	>350 psi (2.4 MPa)
		7 day/7 day immersed water	>145 psi (1.0 MPa)

\* Substrate failure

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## 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.
3. Concrete surfaces should be brought to a saturated surface dry (SSD) condition with clean potable water.

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

## Mixing

1. Add dry material to clean potable water per 25 lb. (11.3 kg) bag as recommended below:  
 Thick applications      approximately 4 qts. (3.8 L)  
 Skim coating              approximately 5 qts. (4.7 L)
2. Mix mechanically with a low speed electric drill not to exceed 350 r.p.m. to achieve a homogenous blend.
3. Slake one minute and re-mix for 30 seconds.
4. Re-temper as pot life nears the set time without additional water.

## Placement

1. Mix only the amount of material that can be placed in 10-15 minutes.
2. The floor covering can be applied once the ProSpec<sup>®</sup> Floor Patch has completely cured, typically after 1-2 hours.
3. Can be sanded after initial set.

## Refer to

- RFCI (Resilient Floor Covering Institute publication MRP - Nov 95) [Addressing Moisture Related Problems Relevant to Resilient Floor Coverings Installed Over Concrete](#)
- NOFMA (National Oak Flooring Institute) publication [Installing Hardwood Flooring, Re. March 98/10](#)

## Color

Gray

## Yield

1 lb. (0.45 kg) covers approximately 1.5 sq. ft. (0.14 m<sup>2</sup>) @ 1/8" (3.17 mm) or 1 lb. (0.45 kg) covers 8-10 sq. ft. (0.7-0.9 m<sup>2</sup>) as a skim coat.

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## Packaging

25 lb. (11.3 kg) bag

## Shelf Life

One year from the date of manufacture.

## Best Performance

- Apply when air or substrate temperature is between 45° F (4° C) and 100° F (38° C) within 24 hours of application. For applications outside this range of temperatures, contact ProSpec<sup>®</sup> Technical Service.
- Use only clean mixing container and tools.
- Do not over trowel.
- Do not add any materials other than clean potable water.
- Do not apply over concrete cured less than 7 days.
- Do not use over concrete slabs where hydrostatic pressure exists.

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. Product is alkaline and may burn or irritate upon contact with eyes or skin. Do not take internally. Use of safety goggles, rubber gloves and dust respirator is recommended. Avoid prolonged

contact with clothing. This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed lung injury.

Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystalline silica has been classified by IARC and NTP as a carcinogen.

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### First Aid

In case of eye contact, flush thoroughly with water for at least 15 minutes and SEEK IMMEDIATE MEDICAL ATTENTION. For skin contact, wash thoroughly with soap and water. If swallowed,

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

Refer to Material Safety Data Sheet (MSDS) for further information.

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Bonsal American in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American. Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

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