

Grey Patch™ XL Brands®

CMP FORMULATED TECHNOLOGY



ECONOMICAL CEMENT-BASED SKIMCOAT

Grey Patch™ is a polymer-modified, calcium-aluminate, rapid-setting, interior patching compound used to fill voids and smooth the surfaces of open concrete and approved wood underlayments and may be used without a primer or additive. Common floor coverings such as VCT and carpet can be installed in as little as 1 hour. When used in the “skim-bond system,” **Grey Patch™** can be used on properly prepared burnished concrete, cutback and non-water-soluble adhesive residue, cement terrazzo, ceramic and quarry tile; single-layer, fully-bonded VCT; and embossed non-cushioned, residential sheet vinyl, or other non-porous surfaces.

KEY FEATURES

- Accepts flooring in as little as one hour
- Requires no priming on concrete
- Economical 4500 psi skimcoat that withstands heavy loads

PRODUCT FEATURES

- Workable for 15 minutes
- Compatible with XL Brands® flooring adhesives
- Contributes points to LEED® certified projects

SUBSTRATE PREPARATION, PRIMING, AND APPLICATION THICKNESS BY SUBSTRATE

GENERAL NOTE: Grey Patch™ is not a vapor barrier. Moisture testing should be completed using test methods ASTM F1869 (for MVER) and ASTM F2170 (for RH). If levels exceed 8 lbs. or 85% RH, a LockDown EVB™ application is required.

All surfaces must be clean, sound, dry, above 50°F (10°C), and free of oil, gypsum compounds, wax, grease, curing compounds and sealers, urethane, paint, asphalt, loose surface material, or any contaminant that will act as a bond breaker. Never use acid or mastic removers on any surface to which an XL Brands product will be applied.

CONCRETE: (ROUGH, OPEN, AND POROUS)

Preparation: Weak or contaminated surfaces must be cleaned down to solid, sound concrete by mechanical means such as chipping, shotblasting, grinding, or scarifying.

Priming: No priming required

Thickness: Skimcoat up to 1/2" (12.7 mm)

NON-POROUS: (BURNISHED CONCRETE, EPOXY, TERRAZZO, CERAMIC, AND QUARRY TILE)

Preparation: Abrade burnished concrete, ceramic, quarry tile, and cement-based terrazzo substrates to a dull finish. Remove all dust by vacuuming or damp mopping and allow to dry completely. Non-porous floors require Grey Patch™ to be mixed with PolyBond™ (see: Enhanced Mix).

Priming: No surface priming required using the Enhanced Mix method.

Thickness: Skimcoat up to 1/4" (6.4 mm)

ADHESIVE RESIDUE: (THIN, TRANSLUCENT, NON-WATER-SOLUBLE, FREE OF TACK & WELL BONDED)

Preparation: Grey Patch™ can be installed over thin (translucent), sound, non-water-soluble adhesives that are free of tack and well bonded to the substrate. The adhesive cutback needs to be prepared using the wet-scrape method as outlined in the Resilient Floor Covering Institute booklet “Recommended Work Practices for the Removal of Resilient Floor Coverings.” If adhesive interaction, migration, or staining are a concern, install Grey Patch™ uniformly at 1/8" (3.2 mm) thickness, or use a self-leveling underlayment as outlined in the product’s technical data sheet. Remove all patching materials below the adhesive and avoid applications where heat or excessive moisture will soften or degrade the adhesive.

Priming: No priming required using the Enhanced Mix methods.

Thickness: Skimcoat up to 1/4" (6.4 mm)

WOOD:

Preparation: All wood substrates must be structurally sound L/360. If needed, prepare by sanding down to clean, bare wood and secure loose boards with deck screws. Subfloors must be untreated, APA-rated, Type 1, exterior-grade plywood, OSB, or equal. Use Enhanced Mix for best performance.

Priming: No priming required

Thickness: Skimcoat up to 1/4" (6.4 mm)

VCT:

Preparation: Do not install over products containing asbestos. VCT must be clean, a single layer, and well bonded. Remove all wax and sealers before applying. Allow tile to dry completely. (Use Enhanced Mix).

Priming: No priming required using the Enhanced Mix method.

Thickness: Skimcoat up to 1/4" (6.4 mm)

SHEET VINYL:

Requires 2-coat “Skim-Bond System.”

Existing felt-backed, embossed, residential sheet vinyl must be clean and free of wax, grease, sealers, or any other contaminant. The flooring must be solid, have been installed over a suitable substrate, and must not show any signs of moisture or alkaline salts. Do not use as an embossing filler over cushion-backed flooring thicker than .080" (2.0 mm) or over sheet flooring installed using the perimeter-bond method. Lightly sand surface to a dull finish, but do not sand through the wear layer. Remove all dust

by damp mopping, and allow surface to dry completely. Apply Skim-Bond System (2 coats) to the prepared sheet vinyl with the 1st coat troweled tight to the surface and the 2nd coat skimmed only as necessary to fill and smooth the existing embossing for the flooring to be installed.

Priming: No priming required using the Skim-Bond System

Thickness: Skimcoat up to 1/32" (.8 mm)

MIXING

STANDARD MIX: Mix Grey Patch™ with clean, cool water only. It can be applied to properly prepared, standard open concrete from a feather edge to 1/2" (12.7 mm). Allow Grey Patch™ to dry completely before installing floor covering. Add 4.0 quarts (3.8 L) of clean, cool water to a full bag.

ENHANCED MIX: For approved, properly-prepared wood substrates, pre-dilute the PolyBond™ additive at 1 part Polybond™ : 3 parts water and mixing with the Grey Patch™ to desired consistency (3 parts powder to 1 part Enhanced Mix water).

SKIM-BOND SYSTEM:

FIRST COAT – Mix Grey Patch™ with undiluted PolyBond™ and apply from 1/32" to 1/8" (.8 to 3.2 mm) maximum. Allow the first coat to dry completely before applying the second. Be sure to cover the first coat completely with the second. This coat will be considered non-porous.

SECOND COAT – Grey Patch™ with Enhanced Mix water (3 parts water to 1 part PolyBond™) and apply to 1/4" (6.4 mm) max. Allow the second coat to dry completely before installing the finished flooring. This coat will be considered porous when applied properly. Always perform bond tests per manufacturer's recommendations.

INSTALLATION

Do not use Grey Patch™ to fill expansion joints. Apply using a steel trowel with sufficient force to fill all voids and ensure a good bond.

IMPORTANT APPLICATION NOTES AND LIMITATIONS

- It is the responsibility of the contractor to review the complete technical data sheets of all products previously referenced as more detailed information may be required. The information provided herein acts only as a general guideline and may vary based on jobsite conditions.
- Expansion or isolation joints and working cracks must be reflected through Grey Patch™.
- Grey Patch™ is self-curing. No wet-curing methods or curing compounds should be used.
- If Grey Patch™ begins to set before it is applied, re-temper by mixing. Do not add additional liquid.
- On new concrete, always test for sealers and curing compounds that inhibit the bond. If sealers and curing compounds are present, they must be removed prior to applying Grey Patch™.
- For areas subject to dynamic loads where application may be greater than 1/16" (1.5 mm), use RampStar™ as a basecoat and apply a subsequent coat of Grey Patch™.
- Do not use over materials containing asbestos.

PHYSICAL PROPERTIES

Packaging	25 lb. bag, 100 bags per pallet		
Color	Grey		
Shelf Life	Store in cool, dry area 70°F (21°C) 12 Months		
Water Requirements	1 part water to 3 parts powder		
	4 quarts (3.8 L) of water per 25 lb. bag		
Approximate Coverage	Up to 140 sq. ft. at 1/32" (.8 mm) per 25 lb. bag		
Installation Thickness	Feather edge up to 1/2" (12.7 mm) with water		
	1/4" (6.4 mm) max., 3 parts water : 1 part PolyBond™		
	1/8" (3.2 mm) max., with undiluted PolyBond™		
	See also: Enhanced Mix & Skim-Bond System		
Application Temperature Range	50°F to 95°F (10°C to 35°C)		
Set: ASTM C191 (70°F [21°C] @ 50% RH)	Working Time: 15 minutes		
	Final Set: 30 minutes		
Accepts Floor Covering	Coverings such as VCT and carpet can be placed in as little as 1 hour or when Grey Patch™ is dry. Be sure Grey Patch™ is completely dry before installing moisture sensitive coverings or adhesives. The addition of PolyBond™, temperature, humidity, substrate, thickness, and jobsite conditions will affect drying time.		
Compressive Strength (ASTM C109)	6 Hours	2000 psi	13.8 MPa
	1 Day	3000 psi	20.7 MPa
	7 Days	4000 psi	33.8 MPa
	28 Days	4500 psi	37.9 MPa

ELIGIBLE LEED® CREDITS

Regional Materials

Low-Emitting Materials

STORAGE

Shelf life is one year from manufacturing date in unopened, original packaging. Must be stored in a cool, dry location, elevated (off the ground or floor) at temperatures between 40°F and 90°F (5°C and 32°C). Protect from moisture and excessive humidity. Do not expose to direct sunlight during storage.

VOLATILE ORGANIC COMPOUNDS

0 g/L (as calculated per SCAQMD 1168)

CLEANUP

Clean tools with water immediately after use or by mechanical means once dry.

HEALTH AND SAFETY

Always refer to the safety data sheet (SDS) prior to use for proper handling, cleanup, and spill containment. SDS may be obtained by calling 706-508-5907.

FOR PROFESSIONAL USE ONLY

NOT LABELED FOR CONSUMER USE

KEEP OUT OF REACH OF CHILDREN

LIMITED WARRANTY

Limited Warranty found at www.bostik.com/us or call 800.726.7845. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

BOSTIK / XL BRANDS HOTLINE

Rapid Technical Response
1-800-726-7845

Bostik, Inc.
198 Nexus Drive
Dalton, GA 30721

www.bostik.com/us | www.xlbrands.com

