



Gypsum-Cote™

PRIMER FOR ALKALINE OR POROUS SUBSTRATES

KEY FEATURES

- Gypsum surface strengthener
- Blocks surface pH
- Roll on application

DESCRIPTION

Gypsum-Cote™ is an acrylic floor preparation solution designed to improve flooring substrates before the application of floor-covering adhesives. Gypsum-Cote™ will improve dry, porous substrates for a better bonding surface, help protect the adhesive from alkalinity damage and improve adhesive spread rate. Gypsum-Cote™ is suitable for use over APA approved flooring grade plywood, concrete or acoustical concrete and floor patch and can prevent over absorption of adhesives resulting in a better bond. Gypsum-Cote™ may also be used as a primer for gypsum-based substrates prepared in accordance with ASTM F2419. Gypsum-Cote™ is designed and warranted for use only in conjunction with adhesives manufactured by Bostik.

ULTIMATE VERSATILITY

Gypsum-Cote™ is suitable for use over APA approved flooring grade plywood, concrete or acoustical concrete and floor patch and can prevent over absorption of adhesives resulting in a better bond. Gypsum-Cote™ may also be used as a primer for gypsum-based substrates prepared in accordance with ASTM F2419.

MOISTURE & ALKALI RESISTANCE

Gypsum-Cote™ is resistant to moderate amounts of moisture vapor and alkaline conditions. Always measure the in situ RH of concrete slabs in accordance with ASTM F2170, and test the pH of the slab. Gypsum-Cote™ may be used on slabs with RH readings up to 85% and a pH between 8.0–12.0.

PLEASE NOTE: Gypsum-Cote™ is not a moisture vapor barrier.

LEED® CONTRIBUTION

This 0 VOC formulation may contribute toward LEED® credits under LEED® v4 Credits: IEQ Credit 2.1 and IEQ Credit 2.2.

DIRECTIONS FOR USE

Use on concrete substrates to block high surface pH conditions. Substrate must be clean and dry. Moisture test results must not exceed 85% in-situ Relative Humidity (ASTM F 2170), and surface pH should not exceed 12.0. Mechanically remove all existing adhesive ridges, leaving surface smooth and make certain substrate is free of oil, grease, sealers or curing agents, adhesive residue or any



material that would prevent adequate coating. Apply Gypsum-Cote™ as an even coat over the entire surface of the floor. Only one coat is required. Allow Gypsum-Cote™ to dry for a minimum of 4 hours, or until completely dry and hardened to the touch.

SURFACE PREPARATION

Do not use Gypsum-Cote™ if solvent or chemical cleaners have been used. Patching or leveling of substrate must follow all manufacturers' application and curing instructions prior to applying Gypsum-Cote™. Perform a bond test with Gypsum-Cote™ over any patching compound before general application of either. Do not use Gypsum-Cote™ in combination with any other sealer or encapsulant. Do not use Gypsum-Cote™ to encapsulate cutback adhesive residues. Gypsum-Cote™ cannot be used as a moisture sealer. The floor and room temperature, as well as the Gypsum-Cote™ should be between 65°–95°F and the humidity should be between 10%–65% for 48 hours prior to, during, and after the installation.

PLEASE NOTE: Gypsum-Cote™ is not recommended for use in conjunction with polyurethane-based adhesives.

INSTALLATION

Apply Gypsum-Cote™ with a 3/8" nap roller: 350–400 square feet per gallon (8.6–9.8 square meters per liter) – Make certain to keep the applicator roller wet with material.

Sprayer application: 400–500 square feet per gallon (9.8–12.3 square meters per liter) – Overlap spray pattern to ensure full coverage.

OPEN TIME

Temperature, humidity and substrate porosity affect the flash time and working time. The higher the temperature, the lower the humidity, and the more porous the substrate, the faster the flash time and working time.

Important: The optimum open time and working time will both vary depending on the ambient temperature and humidity, the substrate porosity, and spread rate.

CLEANUP AND STORAGE

Clean up spills with soapy water. Dried residues may require the use of a solvent cleaner. Containers must be kept tightly closed when not in use. The product should be stored in the original container in a cool, dry place and out of direct sunlight. Do not allow product to freeze. If the product should freeze, store at 75°F (25°C) until completely thawed, then thoroughly mix contents. Test carefully to ensure the product performance has not been compromised.

LIMITATIONS

- This product is for interior installations only.
- Do not use Gypsum-Cote™ in combination with any other sealer or encapsulant.
- Not to be used as a moisture sealer or adhesive encapsulant
- Not recommended for use with polyurethane adhesives.
- Do not use this product where excessive moisture and alkalinity exceed limitations stated above.
- Test all concrete slabs for moisture per ASTM F2170 to determine RH.
- Do not use this product when the substrate temperature is below 65°F (18°C) or above 85°F (30°C) or when the relative humidity exceeds 65%.
- Do not use on wet, dusty, contaminated, or friable substrates; do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.
- It is critical that a bond test is done prior to actual installation using the adhesive and flooring material to confirm compatibility, application techniques, and/or proper performance of the adhesive.

PACKAGING

Gypsum-Cote™ is available in 4 gallon plastic pails (48 pails per pallet).

COVERAGE

Ensure proper coverage. See Installation.

SHELF LIFE

Shelf life is two years from date of manufacturing in unopened, original packaging when stored at temperatures between 65°F (18°C) and 95°F (35°C).

TOOL RECOMMENDATIONS

Using a 3/8" nap roller to apply one coat.
Coverage: 350-400 square feet per gallon
(8.6-9.8 square meters per liter)

Sprayer application: Overlap spray pattern to ensure full coverage.
Coverage: 400-500 square feet per gallon
(9.8-12.3 square meters per liter)

CAUTION

MAY IRRITATE EYES, SKIN AND RESPIRATORY TRACT. Do not get in eyes, on skin or on clothing. Do not breathe fumes. Use with adequate ventilation. Wash thoroughly after handling. Store container in a cool, dry area with lid tightly sealed. Do not reuse container.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

If in eyes or on skin, rinse with water for at least 15 minutes. If inhaled, remove to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

SEE SAFETY DATA SHEET

CHEMICAL EMERGENCY: 800-424-9300 (USA),
703-527-3887 (International)

MEDICAL EMERGENCY: 866-767-5089

CHEMICAL & PHYSICAL PROPERTIES

Use Environments	Offices/Light Commercial	Yes
	Residential	Yes
	Hospitality	Yes
	Heavy Commercial	Yes
	Hospital/Healthcare	Yes
	Exterior	No
	Wet Areas	No
Substrates	Concrete	Yes
	APA Plywood	Yes
	OSB Underlayment	No
	Well-Bonded Vinyl	No
	Terrazzo	No
	Prepared Metal	No
	Asphalt	No
	Portland Cement	Yes
Cured Physical Properties	Gypsum-based	Yes
	Time to light foot traffic	N/A
	Full return to service	N/A
	Rolling Loads Capacity	N/A
	Slab Moisture Limits	85% RH
Uncured Physical Properties	pH Resistance	8.0-10.0
	Ease of use	Easy
	Odor	Slight
	Minimum Drying Time	4 hours
	Working Time	24 hours
	Color	Green
	Density (lbs/gallon)	8.2
Chemical Properties	Freeze/Thaw	Do Not Freeze
	Chemistry Type	Acrylic
	VOC*	0 g/L
	Plasticizer Resistant	No
	Solvent Free	Yes
Flash Point	>212°F	

* As calculated per SCAQMD Rule 1168

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 HOTLINE

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