

B4 GLU

GYPSUM & SUBFLOOR PRIMER



DESCRIPTION

B4 Glu is a subfloor primer engineered for priming Gypsum-based underlayments, reducing concrete surface pH, surface porosity and also will enhance adhesive bond performance. B4 Glu is solvent free and dries quickly. This results in a quick return to service for remodel, new construction and multi-family housing.



SUITABLE SUBSTRATES

- Concrete substrates (at least 28 days old)
- On, above or below grade installations
- Cement-based self-levelers/patching compounds
- APA underlayment grade plywood and OSB (per manufacturer recommendation)
- Cement backer board
- Gypsum-based underlayment that meets ASTM F2419 requirements for compressive strength
- Lightweight concrete

PLEASE CONSULT LIGHTHOUSE ADHESIVES' TECHNICAL DEPARTMENT FOR SUBSTRATES NOT LISTED.

PROPERTIES

- Relative Humidity:**
Up to 90%
- pH Range:**
7-12
- Dry Time:**
20-60 Minutes
- Adhesive Application:**
Immediate when dry

APPLICATIONS & COVERAGE

Floor Covering	Trowel Recommendation	Estimated Coverage
All substrates	Paint Roller: 3/8" Short Nap Or Sprayer Applied	Up to 400 sqft/gallon

DISCLAIMER: Users should determine suitability of this information or product for their own purpose or application. Manufacturer is not responsible for the misuse of this product. This adhesive is not a moisture barrier and should not be installed/treated as such. This adhesive is not a substrate moisture sealer and does not form a protective barrier and is only warranted to maintain an adhesive bond when used over substrates specified in this document. ASTM 2659 impedance readings that exceed 4% may void the warranty.



CLEANUP

- While wet, use a cloth and soapy water to remove wet adhesive
- When adhesive is dry, use denatured alcohol or appropriate adhesive remover

STORAGE

- This product should be stored at temperatures between 50°-100° F.
- This product has a shelf life of 2 years

LIMITATIONS

- Not for use to encapsulate asbestos
- Not for use when moisture exceeds 3.0% per ASTM F2659, or Relative Humidity of concrete substrate exceeds 90% (ASTM F2170)
- Not for use where hydrostatic pressure exists
- Do not use if substrate pH is greater than 12.0 or below 7.0
- Concrete substrate must be a minimum of 5° F above dew point
- Ambient conditions must be between 60°-90° F – 30-65% RH
- Extreme ambient condition changes will affect the performance quality of the installation
- Do not install over chemically abated substrates
- Do not install over adhesive residue or cutback adhesive
- Do not allow product to freeze
- Do not use with dimensionally unstable floor coverings
- Do not use over concrete substrates which have been treated with silicates, either topically or entrained
- Do not use B4 GLU with any other primers or sealers

SUBSTRATE TESTING

- RH: 90% [ASTM F2170]
- pH: Between 7.0-12.0 [ASTM F710]

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SURFACE PREPARATION

FOLLOW ALL FLOOR COVERING MANUFACTURERS GUIDELINES. SUBSTRATES MUST BE PREPARED IN ACCORDANCE WITH ASTM F710 AS WELL AS THE FOLLOWING:

- Substrates must be dry, smooth, solid, structurally sound and flat.
- Substrates should be clean and free of dust, dirt, oil, grease, paint, curing agents or concrete sealers; topically applied or entrained, loosely bonded toppings, adhesive residue, loose particles, and any other substance that may prevent or reduce primer adhesion.
- Fill all surface cracks, grooves, depressions and non-moving joints with a patching or self-leveling compounds.
- Substrate, adhesive and floor covering must be acclimated with HVAC in operation for 48 hours prior, during, and continuously after installation is complete.
- Ambient conditions, temperature must be between 60°-90° F and relative humidity must be between 30-65% during and following installation.
- When installing over radiant heated substrates, heat should be turned off 24 hours before, during, and after installation. When turning radiant heat back on, do so in 5° increments per hour to desired temperature. Floor temperature should not exceed 85° F.

INSTALLATION INSTRUCTIONS

Follow flooring manufacturer's guidelines for layout, design and any special precautions for installation. **DISCLAIMER: FOLLOW THESE INSTRUCTIONS COMPLETELY OR DO NOT USE THIS PRODUCT.**

1. *If unfamiliar with a product, always perform a bond test. Spread a small area of primer and install the desired floor covering into the adhesive to ensure the desired bond is achieved. Do not dilute this primer use full strength only.*
2. After surface preparation, apply primer using the determined application method.

SUBSTRATE APPLICATION

- Apply an even coat of B4 GLU with a 3/8" nap roller to the desired substrate. Allow B4 GLU to dry to the touch, only one prime coat is required for most applications. Overly porous Gypsum or if the surface still dusts after priming, a second coat may be required.
- Drying time: Will vary depending on ambient conditions and porosity of the substrate.

NOTE: Foot traffic and adhesive application are typically allowed immediately after drying, depending on ambient jobsite conditions and porosity of the substrate.

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