



Lighthouse
ADHESIVES

B4 GLU

SUBFLOOR PRIMER / PH REDUCER



DESCRIPTION

B4 GLU is engineered for reducing concrete surface pH, surface porosity and to enhance adhesive bond performance. B4 GLU is solvent free and dries quickly. Resulting in a quick return to service for remodel and new construction.



pH
7-12



RH
Up to 90%




Dry Time
20-60 mins



Adhesive Application
Immediate when dry

Required Applications & Coverage

PRIMER APPLICATION	TROWEL RECOMMENDATION	ESTIMATED COVERAGE
All Substrates	3/8" Nap Roller or Sprayer Applied 	Up to 400 sqft/gallon

**** It is up to the end user to determine the application method, coverage rate and coats required. ****

DISCLAIMER: Users should determine the suitability of this information and product for their own purpose or application. The manufacturer is not responsible for the misuse of this product. ONLY LIGHTHOUSE ADHESIVES ARE WARRANTIED FOR USE WITH THIS PRODUCT. This product is a moisture reducer and may not perform above the stated moisture and pH limitations and is only warranted to maintain an adhesive bond when used over substrates specified in this document or as prescribed by Lighthouse Adhesives. ASTM 2659 impedance readings that exceed 3.0 % may void the warranty.



1-844-GLURU-4U



LIGHTHOUSE ADHESIVES

4284 South Dixie Hwy
Resaca GA 30735
lighthouseadhesives.com

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

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

Substrate Testing

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

PLEASE CONSULT LIGHTHOUSE ADHESIVES' TECHNICAL DEPARTMENT FOR SUBSTRATES NOT LISTED

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. ***
- 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
- 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.

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° degrees F.
- This product has a shelf life of 2 years

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TECHNICAL DEPARTMENT