



BOTTEGA LEGNA
PURITY IN FORM

DESCRIPTION

Bottega Legna Adhesive Family (BLAF) offers a variety of solutions for your wood floor installation needs. Bottega Legna Bond No. 2 is a Urethane Wood Flooring Adhesive designed for use with all types of wood flooring approved to be installed using the glue down method. When used according to directions this adhesive forms a solid membrane below the wood flooring to protect it from subfloor moisture. No Pre-Installation moisture testing is required.

COVERAGE

FLOORING	TROWEL RECOMMENDATIONS	APPROXIMATE SPREAD RATE
5/8" or less Engineered Plank / Bamboo 1/2" – 5/8" Solid Wood Plank / Shorts	3/16" W x 1/4" D Saw Tooth	35-40 ft ² / Gallon* Moisture Barrier
3/4" Solid Wood Plank, Shorts or Plywood	1/4" W x 1/4" D Saw Tooth	30-35 ft ² / Gallon* Moisture Barrier
Engineered Plank / Bamboo 1/2" or less and less than 7" wide	1/2" x 1/4" x 3/16" V Notch	60-70 ft ² / Gallon* NO MOISTURE BARRIER
Engineered Plank / Bamboo thicker than 1/2" or 7" or wider	3/16" x 3/16" x 3/16" Square Notch	35-45 ft ² / Gallon* NO MOISTURE BARRIER
Solid Wood plank, Shorts or Plywood	1/4" x 1/4" x 1/4" Square Notch	25-30 ft ² / Gallon* NO MOISTURE BARRIER

APPROVED SUBSTRATES

- Concrete
- Portland based underlayment
- Properly prepared gypcrete / lightweight concrete
- APA rated plywood
- Terrazzo
- Radiant heated floors
- Single layer of approved, fully adhered resilient flooring

STORAGE

Protect adhesive from freezing. Store material in temperature controlled buildings.

SHELF LIFE

Unopened packaging stored in proper conditions has a shelf life of 1 year.

TECHNICAL DATA

Base Polymer	Urethane Adhesive
Color	Light Green
Shelf Life	1 year in unopened container
Appl. Temp. Range	65°-95° F
VOC Content	99 grams / liter
After Installation	Foot traffic allowed after 8 hours, heavy traffic or furniture 24 hours
Acoustical Data** **(3/16" sq notch trowel)	IIC – 69 dB STC – 69 dB IIC – 50 (without drop ceiling)
Working Time	Typically up to 90 minutes depending on ambient conditions

* Ambient temperature and humidity will greatly affect the dry time of the adhesive.

** Keep the adhesive clean and free from debris during installation.

CLEAN UP

Adhesive will require the use of mineral spirits or other clear solvent.

WARRANTY

Bottega Legna offers a limited liability warranty for this material when used in accordance with the label and TDS.

SUBSTRATE PREPARATION

Bottega Legna Bond No. 2 saves the installer both time and money but cannot work if the substrate is not properly flattened prior to installation. 3/16" in 10' is the standard for wood flooring and is often overlooked, if it is overlooked with this type of adhesive it will not protect the wood flooring from moisture. Although moisture testing is not required with this adhesive, it is recommended to test the pH when installing over a concrete substrate. This will help indicate if curing compounds or sealers are present, if they are, they MUST be removed. The pH must be between 7-10. If the pH is outside of these parameters, contact a Bottega Legna Adhesive Specialist. While this adhesive is designed to prevent moisture from penetrating the wood flooring, it is NOT DESIGNED to be used as a mitigation system. If you know you have a substrate with high moisture, you must use a mitigation system before application of the wood flooring.

When the substrate moisture content is below the manufacturers guidelines, this can be used as the adhesive only, allowing the installer to use a smaller trowel and increase the spread rate. This adhesive will ALWAYS tolerate more moisture than the wood flooring. ALWAYS refer to the wood flooring guidelines for moisture guidelines. THIS ADHESIVE PROVIDES NO MOISTURE PROTECTION AND WILL NOT REDUCE MVER WHEN THE SAWTOOTH TROWELS ARE NOT USED.

INSTALLATION INSTRUCTIONS

If this is being used as an adhesive only moisture testing is required on all concrete subfloors, regardless of grade level or if the concrete is freshly poured or is classified as an older slab. If the sawtooth trowel is being used to provide a moisture barrier, testing is not required. All moisture testing should be performed using the most up to date ASTM F1869 Anhydrous Calcium Chloride and ASTM F2170. Refer to wood flooring manufacturer for moisture guidelines.

Spread adhesive, with the recommended notched trowel, leaving ridges of enough height to establish complete transfer to back of the wood floor covering. Trowel sizes may need to be adjusted due to subfloor porosity, floor covering backing and open time requirements. Only spread enough adhesive than can be covered in 60 minutes. Bottega Legna Bond No. 2 is a wet-set adhesive, wood flooring must be placed into the adhesive while it is still wet. Adhesive transfer to the back is required. If the adhesive has "skinned" over, the adhesive must be scraped up and re applied. Each manufacturer will have their own specific guidelines for installation that must be followed.

For Technical Support contact a Bottega Legna Adhesive Specialist:
inquire@bottegalegna.com

RESTRICTIONS

1. Refer to flooring manufacturer for recommendation.
2. Do not use with any vinyl or pvc flooring.
3. For interior installations only.
4. Do not install when MVER is over the manufacturer's recommendation per ASTM F1869 without using the sawtooth application method.
5. Do not install when relative humidity is over the manufacturers recommendation when tested in accordance with ASTM F2170 without using the sawtooth application method.
6. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the intended application.

HEALTH AND SAFETY

Contains Isocyanates. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled. Do not breathe the mist or vapors. Wash skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/ eye protection/face protection. In case of inadequate ventilation wear respiratory protection. IF ON SKIN: Wash with plenty of soap and water. IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. Take off contaminated clothing and wash before reuse. Dispose of contents/container to an approved waste disposal plant.

DANGER

