

EcoTimber® HealthyBond® Adhesive

For Wood & Bamboo Flooring Installation

Installation Instructions

EcoTimber® HealthyBond® Adhesive is suitable for use over concrete, APA grade underlayment plywood, association grade particleboard, existing well-bonded vinyl tile and vinyl sheet, terrazzo, cork underlayment, and EcoTimber® Insulating Pad underlayment. HealthyBond® may be used over radiant heated subfloors where the surface temperature never exceeds 85°F. HealthyBond® is not recommended for use with True Teak.

Wood flooring must be protected from excessive moisture. HealthyBond® retards moisture vapor transmission, but is not intended to function as a moisture barrier. Moisture levels of concrete must be below 3 lbs. per 1000 sq.ft. per 24 hrs. using an anhydrous calcium chloride test kit (test method: ASTM F-1869), and pH levels of concrete must be between 5 and 9. Wood subfloors must have a moisture content below 12% using Tramex or Delmhorst wood moisture meters.

Substrate Preparation:

Substrate must be smooth, clean, dry, level, sound, and free of dust, dirt, wax, loose paint, fire retardant chemicals, fungicides, release agents, sealers, incompatible curing compounds, or any other substance that might interfere with proper bonding. Substrate must be level to 3/16" in a 10 ft. span. Fill all cracks, holes, and low spots with a polymer modified cementitious patching or leveling compound and allow to fully cure before applying adhesive. High spots must be ground level.

Adhesive, substrate and wood flooring must be acclimated in an enclosed building with the HVAC system operational and functioning for at least 72 hrs. before, during and after installation. The installation temperature must be controlled between 65°-95°F. Relative humidity must be controlled between 30-60%. Open time will vary with temperature, humidity and porosity of substrate. Follow wood floor manufacturer's guidelines regarding acclimation, installation and site conditions.

Note: Installations over non-porous substrates or concrete sealers require extra drying time.

Trowel Recommendations:

- For solid wood & Bamboo 1/2"-3/4" and engineered plank (all thicknesses):

3/16" x 1/4" x 5/16" flat V

coverage: up to 60 sq.ft./gallon

- For cork underlayment, cork sheet and cork tile:

1/16" x 1/16" x 1/16" square

coverage: up to 250 sq.ft./gallon

Installation:

1. Follow wood flooring manufacturer's recommendations regarding all aspects of installation.
2. Using recommended trowel, spread adhesive. Allow 10 min. advance cure or "flash off" time. Working time is approx. 50-60 min. under acceptable temperature & humidity conditions. Adhesive must transfer 100% to the wood floor. If substrate is non-porous, a longer advance cure time may be necessary.
3. Lay wood flooring into adhesive. Secure initial row to limit movement before continuing. Occasionally lift a piece of wood to assure adhesive is achieving 100% transfer. If full transfer is not achieved, remove adhesive and apply more. Use 3M Blue Tape to temporarily hold edges together if necessary.
4. Always leave ample expansion space when installing near a wall or vertical object (follow

flooring manufacturer's recommendations). Installation too close to a stationary vertical surface may cause flooring failure including buckling, delamination and other damage. When installation is finished, use wedges to hold wood in place while the adhesive dries. Remove wedges after approx. 2 hrs. to allow for wood's normal expansion. Failure to remove wedges could cause flooring failure.

5. Roll and cross-roll floor with 100-150 lb. roller at end of installation to ensure proper transfer of adhesive.

6. Wait a minimum of 72 hrs. before sanding unfinished wood flooring.

7. When installing over radiant heat, turn heat off 24 hrs. before, during and 24 hrs. after installation. Failure to do so may shorten working time of adhesive. Floor temperature must never exceed 85°F.

8. After installation is complete, restrict light traffic for 16 hrs., heavy traffic for 24 hrs.

Clean Up:

Remove wet adhesive with a damp cloth. If adhesive has begun to dry, remove with mineral spirits. Be sure to clean adhesive off of any installed flooring at the end of each work day. Fully cured adhesive must be removed with a non-flammable chlorinated solvent. If needed, contact EcoTimber at (888) 801-0855 for further recommendations.

HealthyBond® Adhesive is water-proof when cured and freeze-thaw stable to 10°F.

Shelf Life: One year in unopened container at 70°F.

Warranty:

This product is manufactured according to exacting quality control standards and is warranted to be free from manufacturing defects. Defective material called to our attention within one year of manufacture will be replaced. No guarantee, expressed or implied, is made regarding the performance of this product since the manner and conditions of application are beyond our control. If you have questions about our warranty policy, please call EcoTimber at (888) 801-0855.

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.