

SUPERIOR STRENGTH • MOISTURE & SOUND CONTROL • LOW ODOR

3-in-1 Wood Adhesive

WF2500 3-in-1 Wood Flooring Adhesive is a unique one-component wood floor polyurethane adhesive. It is specifically formulated to be used as an adhesive or as a sound dampening moisture vapor membrane to reduce the transmission of water vapor from the subfloor for the applications where moisture could impact the performance of the wood flooring. **NO PRE-INSTALLATION MOISTURE TESTING REQUIRED FOR ENGINEERED WOOD FLOORING.** WF2500 Wood Flooring Adhesive can bridge cracks up to 1/8" and will provide a powerful adhesive bond. It is easy to trowel and suitable for all green building projects.

WF2500 Wood Flooring Adhesive is ideal for glue-down installations for all types of engineered, solid or acrylic impregnated wood flooring, bamboo and wood flooring, designed to be installed using the glue down installation method, that may require protection from damage due to subfloor moisture transmissions. When used as an adhesive and moisture membrane, WF2500 Wood Flooring Adhesive reduces moisture to acceptable limits.



| FLOORING | MVER OR RH% | TROWEL | COVERAGE |
|---|---|--|---|
| <ul style="list-style-type: none"> • 5/16" Fingerblock parquet • Engineered plank or bamboo < 1/2" and less than 7" wide • Engineered plank or bamboo > 1/2" or wider than 7" • Solid wood plank, shorts or plywood • Parquet, engineered plank, bamboo or solid plank | <3 lbs/1000 ft ² per 24 hours or 75% RH <3 lbs/1000 ft per 24 hours or 75% RH <3 lbs/1000 ft per 24 hours or 75% RH <3 lbs/1000 ft per 24 hours or 75% RH Adhesive, moisture and sound control | 1/8" x 1/8" x 1/8" square notch 1/4" x 1/2" x 3/16" v-notch 3/16" x 3/16" x 3/16" square notch 1/4" x 1/4" x 1/4" square notch 1/4" x 1/4" v-notch | 55-65 sq ft/US gallon 60-70 sq ft/US gallon 35-45 sq ft/US gallon 25-30 sq ft/US gallon 30-35 sq ft/US gallon |

SUBFLOOR PREPARATION

WF2500 Wood Flooring Adhesive can be used over the following subfloors: Concrete, Portland cement patch, terrazzo, ceramic tile, APA-approved wood panels, radiant heat flooring, and cement backer board. Ensure that the subfloor is structurally sound, smooth, dry, properly cured, clean and free from dust, dirt, grease, oil, plaster, paint, old adhesive, wax, curing agents, sealers, cutback or other asphaltic-based residue and any other contaminants that could interfere with a good adhesive bond. For applications of over ceramic tiles, it is necessary to grind the tile surfaces and clean thoroughly with an industrial vacuum cleaner. Before starting the installation, carefully check that the subfloor is flat. Eliminate dips and crowns that exceed 3/16" (4.8 mm) in a 10 feet (3 m) radius by patching or sanding/grinding. Do not use WF2500 Wood Flooring Adhesive as a leveling agent. Where needed, use only Portland cement based patching and leveling compound. Always follow Bering Finishes's recommendations for subfloor moisture, subfloor levelness, expansion space and acclimation requirements. Repair all cracks in the subfloor greater than 1/8" (3 mm) before applying WF2500 Wood Flooring Adhesive. When the "Moisture Control" installation method is not used, moisture tests must be performed on all concrete subfloors regardless of grade level or age. Moisture testing must be performed in accordance to ASTM F-1869 Calcium Chloride test or ASTM F-2170 in situ RH probe test. Always refer to Bering Finishes installation instructions for subfloor moisture requirements and testing procedures before beginning installation.

Concrete Subfloors: Concrete must be cured a minimum of 28 days. Pre-install moisture testing is not required when using the "Moisture Control" installation method. Subfloor must have no pre-existing moisture conditions or failures from conditions of hydrostatic pressure. The subfloor must be dry to the touch with no standing water or visible dampness, and must be prepared to receive flooring in compliance with ASTM F710. Concrete subfloors over a year old with high moisture readings are indicative of a chronic underlying moisture source problem resulting from hydrostatic pressure or other moisture related exclusions such as broken pipes, leaky plumbing, sink overflow, flooding, weather conditions or improper maintenance. Problems caused by these moisture related exclusions will not be covered by the limited warranty.

Terrazzo: All polishes and glaze compounds must be completely stripped and surface must be abraded by sanding. After sanding, thoroughly vacuum (NO sweeping) to remove all loose dust particles. After vacuuming, clean the entire substrate with mineral spirits and allow drying before installing the wood flooring.

Plywood and OSB Type Subfloors: All panels must be APA approved and securely fastened. Eliminate all squeaks and movement with SCREWS (not nails). Sand all high joints. Fill and patch low areas. Refer to wood flooring manufacturer for guidelines of moisture content difference between properly acclimated wood flooring and subflooring materials. (Typically this should not exceed 4%).

Radiant Heated Subfloors: WF2500 Wood Flooring Adhesive is approved for use on hydronic system radiant heated subfloors, provided the wood flooring is approved over radiant heated subfloors. The system must be fully embedded in concrete. Lightweight or gypsum based topping must be dry and above grade, and the surface must NOT be primed prior to glue down installation. Turn off the heat 48 hours prior to the installation and leave the heat off until 48 hours after the installation is completed.

INSTALLING WOOD FLOORING FOR "MOISTURE AND SOUND CONTROL"

1. Subfloor must be in compliance with "Subfloor Preparation" above before starting the installation.
2. Follow Bering Finishes's instructions for acclimation, floor layout and expansion space requirements. It is imperative the subfloor be flat, without dips, birdbaths or sudden rises (3/16" in 10' radius or 1/8" in 6' radius).
3. Use the trowel chart to determine which trowel to use. The use of any other applicator or trowel size will void all warranties and yield unsatisfactory results.
4. TROWEL THE ADHESIVE PARALLEL TO THE WOOD FLOORING IN 24"-36" SECTIONS THEN IMMEDIATELY LAY WOOD INTO WET ADHESIVE BEFORE MOVING TO NEXT SECTION. ALWAYS SPREAD ADHESIVE BEYOND WHERE THE LAST ROW OF FLOORING STOPS TO ENSURE THERE ARE NO VOIDS BETWEEN STOPPING AND STARTING POINTS WHEN SPREADING THE ADHESIVE. 100% ADHESIVE TRANSFER IS REQUIRED FOR MOISTURE PROTECTION. (continued)

MOISTURE PROTECTION

- Repeat steps 3–4 until the job is complete.
- It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

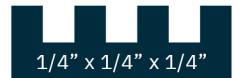
INSTALLING WOOD FLOORING FOR GLUE DOWN ONLY APPLICATION

Concrete subfloors must be cured a minimum of 28 days. Subfloor must be properly prepared to receive flooring in compliance with ASTM F710. Subfloor moisture levels must not exceed Bering Finishes's guidelines. When subfloor moisture levels exceed wood manufacturer's limit, use the "Moisture Control" installation method.

- Read and understand all Technical Data and Safety Data Sheets prior to installation.
- Follow all requirements provided by Bering Finishes including those related to wood flooring acclimation, room temperature and humidity levels, environmental controls, expansion space and layout.
- Follow the instructions for "Subfloor Preparation" above.
- Follow the instructions for "Trowel Selection" and select the appropriate notched trowel for the type of wood you are installing. For proper adhesive bond, 90% transfer of adhesive to the flooring is required.
- Select the correct trowel for the wood you are installing from the trowel chart. Using the incorrect trowel will void this adhesive warranty.
- Apply WF2500 Wood Flooring Adhesive to the subfloor with recommended trowel and lay the wood floor onto the "wet" adhesive. NOTE: Do not set flooring into adhesive that has a dry skin. The "open time" of the adhesive will vary according to the temperature and humidity level, the higher the temperature and humidity, the shorter the open time.
- Good transfer of the adhesive to the wood is critical. Periodically pull back a board that has just been installed and make sure there is 90% adhesive transfer to the board.
- Trowel tips will become worn down over time and must be changed to achieve correct coverage.
- It is the sole responsibility of the Installer to determine the suitability and compatibility of the adhesive for the user's intended use.

TECHNICAL DATA

Elongation: >150%. **Maximum Subfloor Moisture:** Engineered Flooring with "Adhesive and Moisture Control" method – NONE. All other flooring or installation methods – 3 lbs. / 1000 ft or 75% RH. **Color:** White. **Application Temperature:** 65°F - 99°F (18°C - 35°C). **Cure Time:** Light foot traffic: after 8 - 10 hours, Heavy foot traffic: after 24 hours. **Open Time:** 70 - 100 minutes at 65°F - 75°F (18°C - 24°C). ***Note:** Open times will vary with temperature and humidity. ***VOC:** <30 g/L (as calculated per SCAQMD 1168). **Flash Point:** >200°F (>93.3°C).



DANGER

May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. May damage fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. IF exposed or concerned: Get medical advice. IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor. Store locked up. Dispose of contents/container to an approved waste disposal plant. 29% of the mixture consists of ingredient(s) of unknown toxicity. For additional information, see Safety Data Sheet. SDS may be obtained by calling (888) 382-4283.

24 HR EMERGENCY CONTACT

Chemtrec (Transport/Environmental)
1-800-424-9300 or 1-703-527-3887 (Outside U.S.)
Rocky Mountain Poison Center: 1-866-767-5089



SUPPLEMENTAL INFORMATION:

Shelf Life: 1 year from date of manufacture in unopened, properly stored container. Avoid excessive heat or cold. PROTECT FROM FREEZING. Store indoors at a temperature of 50–80°F (10 - 26°C).