

Floor Preparation for Waterproof Wood Collections

General Requirements:

It is the sole responsibility of the installer/owner, prior to installation, to assure that the planned installation area is suitable for the flooring and meets local building codes. Confirm that all subflooring meets or exceeds all industry standards and local building codes; as well as the recommendations listed herein. The manufacturer accepts no responsibility for product failure extending from or related to failure to meet job environment and subflooring requirements. The installer/owner assumes full responsibility for the final inspection of this product. Inspection should be done prior to installation and should include: print/color/texture/ factory finish /visible conditions. If the product is not acceptable, DO NOT INSTALL IT. Contact your supplier immediately for assistance. Flooring that has been installed will be deemed to have been inspected and quality accepted. Diamond Living, LLC. will not accept any responsibility for any flooring installed with visible defects. This product is waterproof but is not a moisture barrier. Water traveling over or around the outer edges of the flooring can damage the subfloor. Elevated moisture levels below your flooring can migrate through the joints as vapor emissions possibly causing a milky white appearance known as Blushing. Blushing is a site related condition and may dissipate once the moisture levels have decreased. Water damage and/or associated conditions are not warranted. In addition, other contaminants could migrate up as well. These are not manufacturing related conditions. When installing in a lavatory, bathroom, laundry room, or other area with frequent water usage, it is possible for water to travel under the floating floor and create bacterial growth and the problems associated with it. These are not manufacturing issues, not covered by your warranty, and should be mitigated before installing the flooring.

Always allow ½" expansion space around the entire perimeter of the room and at all fixtures and pipes for any installation under 4,356 sq. ft. and runs less than 66 feet. For jobs above 4,356 sq. ft. and runs greater than 66 feet, allow at least 5/8 inch for expansion.

Preparing the Area

» Remove all furniture and appliances from the room(s) »Remove wall and doorway trim »Undercut door casings »Remove all debris and equipment that may damage finish »Do not install over soft, rough, uneven surfaces, or floating floors. »The Flooring should only be installed after all the other trades have finished and the jobsite has been cleared of any/all debris that could damage a finished installation. »All sub-floors and substrates must be clean, flat (smooth) and dry prior to installation. Sweep or vacuum your subfloor prior to installation ensuring nothing will interfere with the installation. All subfloors must be flat. High or low areas exceeding 3/16" per 10' (7.5 cm in 3 meter) or 1/8" per 6' (2.5 cm in 1.8 meter) must be corrected.

Wood Subfloors

This product is suitable for installation over a minimum of 3/4" CDX Plywood, OSB, or APA approved plywood. All wood subfloors should be flat, structurally sound, and free from deflection (up and down movement). Sand high areas and fill low areas with a Portland based patching compound. To avoid squeaking of the subfloor, nail or screw the floor every 6". Repair or replace any damaged sheathing. Joist spacing should not exceed 19.2". Set fasteners 1/32" below the subfloor surface, sand joints, smooth and fill holes or gaps wider than 1/8 inch wide. Install suitable underlayment when necessary to

achieve a flat or solid surface. Planks can be installed over underlayment grade plywood, lauan plywood and other underlayment recommended by the manufacturer for use with flooring. Installation over oriented strand board and particle board is not recommended unless it is underlayment grade and non-weathered since these panels present a greater risk of sub-floor instability and can detract from the performance of the floor. Wooden subfloors installed over a crawl space should have a moisture barrier installed in the crawlspace with at least 18 inches of ground clearance with a black ground cover minimum 8mm thick Polyethylene overlapped a minimum of 6" (115 cm) and taped using a moisture resistant tape to avoid moisture migration from the ground up through the flooring. Cross ventilation (vents located around the perimeter) equal to 1.5% of the square footage of the area should be highly considered (if not already a local code). Wood floors installed directly on concrete or installed over sleeper construction are not satisfactory for installation and should be removed. Repair all squeaks prior to installation. Install planks at a 90 degree angle to any existing wood floor. NOTE: Avoid subfloors with excessive vertical movement or deflection because subfloor movement will telegraph through to the finished installation. Indications of excessive deflection are subfloor fastener release, squeaking, compromised, or sectional contours such as bowing or dipping in floors and uneven flooring material. Nail or screw subfloor panels to secure boards with excessive vertical movement (deflection) before installation of the planks. If the subfloor has excessive vertical movement (deflection) before installation of the flooring, then it is likely it will do so after installation of the flooring is complete. Our warranties DO NOT cover any problems caused by inadequate substructures or improper installation of said structures. The suitability of any subfloor is the responsibility of the installer and the final consumer.

Concrete Subfloors

The flatness of concrete subfloors must meet or exceed the requirements of ACI FF25. Most concrete subfloors are not flat/smooth and must be properly prepared before installation. In all cases, verify the substrate is flat (See above subfloor and substrate requirements). All concrete floors must be properly cured and allowed to dry for at least 60 days after the curing process. This product can be installed over concrete on all grade levels.

Mold/Mildew

Mold/Mildew are not covered by your warranty and may destroy the functionality/aesthetics of your purchase. Mold/Mildew is a function of excessive moisture in the foundation of your home or from a water source in your home.

Moisture

It is recommended that your slab have less than 5% Moisture content, 5 lbs/1000 sq ft/24 hours MVER and less than 75% RH. Exceeding these numbers will not directly damage this product but can lead to many hazardous and damaging conditions (mold, mildew, rot) that are not covered by your warranty. Although this product is waterproof, this product is not designed to prevent or mitigate excessive moisture or the damages it may cause to your family or home.