

Fuzbond 4200 Premium Vinyl Plank & Adhesive TDS

FUZZBOND 4200 Premium Vinyl Plank and LVT Adhesive is a uniquely formulated pressure sensitive adhesive engineered specifically for installing solid vinyl plank and tile (LVT). FUZZBOND 4200 is moisture and alkali resistant and forms a tenacious, permanent bond. FUZZBOND 4200 can be used on all grade levels over concrete and approved wood sub-floors in the absence of excessive moisture and alkalinity. FUZZBOND 4200 may also be used over certain nonporous sub-floors.

Our premium vinyl plank and tile adhesive, FUZZBOND 4200, is solvent free, nonflammable, contains no carcinogens and is non-toxic. FUZZBOND 4200 is freeze-thaw stable. Like all of our adhesives, FUZZBOND 4200 is protected by the CleanGuard® two-stage antimicrobial. CleanGuard® is a specifically formulated broad-spectrum, anti-microbial agent that protects our adhesives and sealers from microorganisms, such as mold or mildew, in both the wet and dry states.

FUZZBOND 4200 may contribute to the LEED certification of projects in the following categories:

- IEQ Credit 4.1—Low Emitting Materials – Adhesives & Sealants
- IEQ Credit 4.3—Low Emitting Materials – Flooring Systems
- IEQ Credit 5—Regional Materials

The CRI Green-label Plus Adhesive Certification Program has certified FUZZBOND 4200 as a “low VOC” adhesive.

Sub-floors must be flat and structurally sound. The sub-floor should be flat within 3/16” in 10’ or 1/8” in 6’. All paint, varnish, oil, wax, finishes and any other bond inhibiting substances must be removed. Smooth or glazed surfaces must be abraded. Repair all joints and cracks with latex-based portland cement underlayment. Concrete sub-floors must be properly prepared according to the recommended practices detailed in the most recent version of document ASTM F-710. Never sand existing resilient flooring that could contain asbestos. Follow all Federal, State and Local regulations relating to the removal of in-place, asbestos containing material. Very porous sub-floors must be primed with Fuzbond 5700 Primer.

FUZZBOND 4200 Premium Vinyl Plank and LVT Adhesive can be used over the following sub-floors with a maximum moisture emission rate of 6lbs/1000 sq ft. /24 hours [ASTM F-1869], a pH of 7.0- 10.0 [ASTM F-710], and a maximum in situ RH of 85% [ASTM F-2170]:

- Concrete above, on or below grade
- APA rated plywood underlayment
- Properly prepared gypsum cement
- Existing non-cushion back resilient floors that are well bonded, sound, smooth, and free of waxes, finishes, cleaners and any other bond inhibiting substances.

Note: Particleboard and OSB are not recommended underlayments. Strip or plank wood flooring, particleboard and OSB sub-floors should be covered with an approved plywood underlayment (minimum thickness of ¾”). Before beginning installations with flooring types or over sub-floors not listed contact Technical Services for recommendations. While some Lauan plywood panels are widely marketed as “underlayments”, there are a variety of qualities and species sold as such. Some varieties present severe problems when used as underlayments. Frequent problems noted are discoloration, indentation, bond failure, and underlayment delamination. Fuzion Flooring will not warrant the adhesive when applied over Lauan plywood. Regulations may require that existing flooring material or coatings be tested to determine the asbestos content. Refer to the instructions for removal and handling of resilient flooring published by the RFCI in the publication, Recommended Work Practices for Removal of Resilient Floor Coverings. The Resilient Floor Covering Institute may be reached thru their Website www.rfci.org or by calling 301-340-8580.

Typical Trowel and approximate coverage (depth x width x spacing):

1/32" x 1/16" x 1/32" U notch trowel – 180-250 sq. ft./gal.

Installation Recommendations: The building should be completely enclosed. All outside doors and windows should be properly installed with latching mechanisms in place. Adequate ventilation should be available. The HVAC system for the building should be operational and provide a consistent temperature of 65-85°F (air and sub-floor) and humidity levels should be between 35-55% for a minimum of 72 hours prior to the installation. These conditions must be maintained to ensure the long term success and performance of the installation.

1. Flooring and adhesive should be acclimated to the job site conditions for a minimum of 24 hours prior to the installation.
2. Be familiar with the recommendations and any special instructions from the flooring manufacturer before beginning the installation. Follow the flooring manufacturer's specific recommendations regarding seam sealing.
3. Refer to the information above for specific information regarding sub-floor preparation and site conditions.
4. When installing vinyl plank and tile (LVT) spread the adhesive with the appropriate trowel and allow the adhesive to dry to a clear, tacky state. Place the LVT or plank into the dry, pressure sensitive adhesive. Only spread as much adhesive as can be covered with the flooring in under six hours.¹
5. Roll the installed flooring with a 75-100lb, three-section roller. Rolling should take place immediately after the flooring is placed into the adhesive.
6. It is recommended to minimize traffic over the newly installed flooring for at least 24 hours after the installation has been completed. Do not wash or clean the floor for five days after completion of the installation. To replace furniture and appliances use plywood panels to protect the flooring.

Specific Technical Data:

A. Base: Acrylic-Ester Emulsion

B. Color: White

C. Clean-up: Remove wet adhesive with water and mild soap solution. Use safety solvent to remove dried adhesive. Dried adhesive may be more difficult to remove; therefore, take care to remove adhesive from the surface of the flooring before it dries. DO NOT apply the solvent directly to the flooring material.

D. Packaging: 4 gallon pails and one gallon pails (4 per case)

E. Shelf-Life: One year from date of manufacture in un-opened container when stored at 70°F.

F. Freeze-Thaw Stable to 15°F. Stability and spread-ability can be affected if allowed to freeze. Frozen material should be allowed to thaw at room temperature. DO NOT agitate or stir while frozen.

G. VOCs: 0 g/l (Calculated per Ca. Rule 1168)

H. Not recommended for exterior installations.

NOTE: We recommend installers follow the guidelines set forth in the flooring manufacturer's specific recommendations. Before placing the flooring, the adhesive must be allowed an open or dwell time appropriate for the flooring product, jobsite and sub-floor conditions. ¹FUZBOND 4200 has an extended working time of up to six hours after the initial drying if the area is kept dust free. It is extremely important to maintain recommended notch depth, width and spacing. The proper notch depth is that which will produce adhesive ridges that affect a 100% transfer to both the substrate and the backing of the flooring to include the inner recesses of the texture of the back.