

HEALTHBOND PRESSURE SENSITIVE ADHESIVE 2399

Bentley Healthbond™ 2399 Ultra Green Plus is a high strength pressure sensitive flooring adhesive specifically designed for interior releasable installation of Bentley modular carpet tiles, Bentley LVP, and Modulyss Tile. The dried adhesive will remain on the floor, allowing individual tiles to be lifted out and replaced without substantial loss of adhesive properties. This product is an aggressive pressure sensitive formulation that permanently retains its tack for the bonding of carpet tiles and other substrates. The dried film is alkali and water resistant, and resistant to plasticizer migration from vinyl carpet tile backing. The product is made with broad spectrum antimicrobial additives to protect the adhesive from bacterial and fungal growth. This adhesive can be applied using common tools and techniques over a variety of porous and non-porous surfaces. Healthbond 2399 is nonflammable, has a low odor and very low VOC's, which makes it ideal for use in schools, health care facilities, public buildings, and anywhere odor is a concern. Healthbond 2399 is excellent for specification work as it is approved by the CRI for the Green Label Plus program. This adhesive also meets or exceeds California requirements as specified in Rules 102 and 443 as well as California SCAQMD Rule 1168.

Application Instructions:

The installation site, flooring materials and adhesive must be maintained at 60° - 90°F (15°C - 32°C), and the humidity between 30%-60% for 72 hours prior to, during, and after testing and installation

Use Over

Wood: APA Approved Flooring grade plywood, or hardwood installed to manufacturer's specification.

Concrete: Substrate must be structurally sound, clean, flat, and dry. Remove all foreign substances that would interfere with a good bond. Fill all holes and cracks with a cement based patching compound and sand high spots. Moisture emissions according to ASTM F-1869 Anhydrous Calcium Chloride test method should not exceed 12 lb/1000 sq ft/24 hrs and ASTM F- 2170 test method should not exceed 99%RH. If both tests are performed the RH test is the qualifying standard, pH must be 12 or less and corrective action must be taken if above 12.

Metal: Surface must be cleaned of oil, grease, dirt, rust or other contaminants. Terrazzo, Ceramic, Marble Slate: patch and fill cracks and irregularities with Portland cement-based latex patching compound.

Resilient Floor Coverings: Not recommended for direct use over existing sheet vinyl, laminated solid vinyl tile, or rubber flooring. Use of this adhesive over vinyl asbestos tile or vinyl composition tile is acceptable when all finishes, including waxes and sealers have been removed. Site conditions, floor preparations, and moisture and alkalinity must comply with those specified by the Carpet & Rug Institute (CRI 104 or 105).

Not recommended for application over old cut-back or bituminous or petrochemical based adhesives. Cannot be used over chemically cleaned subfloors.

For Carpet Tile installation apply Healthbond 2399 with either a ¾" nap paint roller (for RH levels 95% or less) or 1/16" x 1/32" x 1/32" U Notch trowel (for RH levels above 95% and up to 99%) to the approved substrates. If using a ¾" nap paint roller, roll adhesive onto prepped and approved substrate and wait until adhesive becomes "dry / tacky". If using a 1/16" x 1/32" x 1/32" U notch trowel, apply adhesive onto prepped and approved substrate allow to become "dry/tacky".

For Bentley LVP Installation apply Healthbond 2399 with a 1/16" x 1/32" x 1/32" U Notch trowel and the RH levels must be below 95%.

For Modulyss Tile Installation apply Healthbond 2399 with a ¼" nap paint roller and the RH level must 95% or below for on or below grade and 99% for above grade installation.

Drying times may vary depending on installation site. "Dry/Tacky" refers to the adhesive not transferring onto finger tips when touched. Adhesive will remain tacky up to 24 hours in a clean, dust free environment. Flooring may be removed as needed to change the pattern or to replace worn tiles

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Note: It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of adhesive, and ensure that all instructions, procedures, and practices are strictly adhered to. Gypsum or dusty substrates will require an approved primer.

Note: Must follow Bentley Mills and CRI 104 Installation Guidelines for commercial carpet.

To install:

Bentley Carpet Tile (Nexstep and Afirma) - Up To 99% RH

Use:

Appropriate spread rates as follows:

¾" Nap Paint Roller (19.049mm nap paint roller)

Coverage: Between 250 – 300 sq. ft./gal. (8.6 sq. m./l.)

1/16" x 1/32" x 1/32" U Notch trowel (1.6mm x 0.8mm x 0.8mm)

Coverage: Between 225-275 sq. ft./gal. (6.1 sq. m./l.)

Bentley LVT - Up To 95% RH

Use:

1/16" x 1/32" x 1/32" U Notch trowel (1.6mm x 0.8mm x 0.8mm)

Coverage: Between 225-275 sq. ft./gal. (6.1 sq. m./l.)

Modulyyss Tile

99% RH Above Grade,

95% RH on grade or below grade and Vapor Barrier must be present

Use:

¼" nap paint roller (6.35mm nap paint roller)

Coverage: Between 450 – 500 sq. ft./gal

Clean up and Storage:

Clean up: When wet use warm soapy water. When dry, use the Bentley approved adhesive remover/stripper.

Store in a cool dry area. Do not allow the adhesive to freeze.

Disclaimer: The information and statements herein are believed to be reliable, but are not to be construed as a warranty or representation for which the manufacturer assumes legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or product referred to herein. No warranty of fitness for a particular purpose is made.

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