

MOISTURE SOLUTIONS

BENTLEY®

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WANDERLUST™ 4WNT5, OPEN ROAD 400330, 18 IN X 36 IN - BRICK

Photo © David Wakely

Bentley Mills has been **covering floors** for over 40 years with iconic, award winning designs. Our experience has taught us that a beautiful installation starts with a well-made product. While we take great pride in the styles we design and the premium fibers we are committed to using, we know that the success of our brand owes a great debt to our high performance backing and installation systems.

**Simple Solutions.**

The success of your project literally depends on the foundation on which it is built, and your floor covering choices are subject to the integrity of that foundation.

Rightly so. An existing building on grade might have a compromised vapor barrier. A new building might not have a cured slab, which also can create elevated RH levels. Even above grade concrete floors might be “wet”

Concrete is a material that must breathe. Encapsulating the surface with floor coverings that inhibit this can adversely affect the slab, the floor covering, the bond between the two, and even the indoor air quality.

**Let’s make the first decision easy.**

Bentley has a complete library of products so you can make the right material choice for every space. Carpet Tile, Broadloom, and Luxury Vinyl Tile options present different performance solutions, as well as price points. Each one of Bentley’s floor covering options offers easy solutions for foundations compromised by moisture.

*We know how to make a successful installation—we’ve been doing it since 1979.*

**Bentley AFIRMA II™ Carpet Tile, LuxFelt™ Carpet Tile, NexStep® Carpet Tile, and EliteFlex™ 6 ft Cushion and Hardback** are perfectly suited to work with the concrete slab. Moisture vapor is able to dissipate, expand and contract according to the changing conditions of the environment.

**Broadloom. Carpet Tile. 6 ft goods. Every carpet Bentley makes is PVC-free and Red List Free.**

Without a barrier coating, PVC content may chemically react to the vapor emitted from moisture in the slab, even if no adhesive is used. Like all of our carpets, Bentley EliteFlex 6 ft, AFIRMA II, LuxFelt™ and NexStep, are PVC-free, composed entirely of non-reactive materials that are not adversely affected by moisture vapor.

**No More Testing.**

Install AFIRMA II, LuxFelt™, NexStep, and EliteFlex 6 ft with Healthbond 2399, the latest generation of water-based adhesives, for complete moisture tolerance.

No barrier coatings or verifiable vapor retarder required.

**As a matter fact, there is no RH or pH testing required.**

Healthbond 2399, is a water-based, solvent-free, non-flammable, and low odor adhesive. It also has very low VOC’s, which makes it ideal for use in schools, healthcare facilities, public buildings, and anywhere indoor air quality is a concern.

**Bentley Broadloom with High PerformancePC, Optimum Barrier™ II, Prestige PlusRC™, and Easy Street Cushion Backings** installed with

Healthbond 1000, have a moisture tolerance of up to 95% RH and pH of 6-9. Test for conditions to confirm the RH and pH are within the appropriate range. For floors that exceed this range, other steps might be recommended to prepare for installation. Contact our Technical Services Department for the right solutions.

**Bentley Luxury Vinyl Tiles** can be installed in a free lay or direct glue method. When installed with Healthbond 2399, Bentley LVT allows up to 95% RH and between 5-12 pH. If moisture exceeds the recommended guidelines, our expert associates in Technical Services will guide you through the simple steps to a successful installation.



Concrete is the most ubiquitous of modern building materials. Recently, concern about moisture levels in concrete floors, testing for it, remediation planning and budgeting have had an overwhelming impact on specifying for commercial interiors.

Healthbond™ 1000 and 2399 are Green Label Plus certified by the Carpet and Rug Institute and may contribute to LEED project certification for low emitting materials. This adhesive meets or exceeds California requirements as specified in SCAQMD Rule 1168.