



PID  
FLOORS

COMMERCIAL  
**HARDENED**  
COLLECTION

ULTRA-DURABLE & ECO-FRIENDLY.  
STATE-OF-THE-ART TECHNOLOGY.  
COMMERCIAL-GRADE SCRATCH  
& DENT RESISTANCE.  
WATERPROOF.

*The BEST in High Traffic  
Waterproof Flooring*

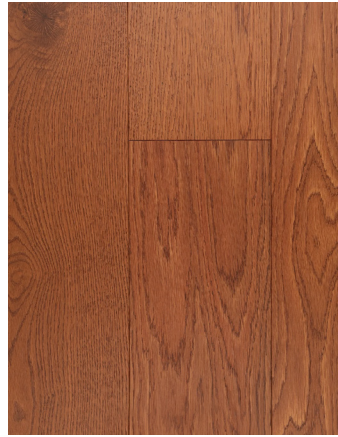
MODERN WIDE PLANK  
LONG LENGTH LOOK  
3X HARDER THAN TRADITIONAL WOOD



BX SKUs: • Made in USA • 35-year residential warranty



FREEPORT (NATURAL  
COLOR), BXN402



COMMACK, BXG412



SHIRLEY, BXS422



CALVERTON, BXH432



SELDON, BXS472



MASTIC, BXA442



TIANA, BXS452



SYOSSET, BXD462



WOODBURY, BXF482



FOXON, BXW982



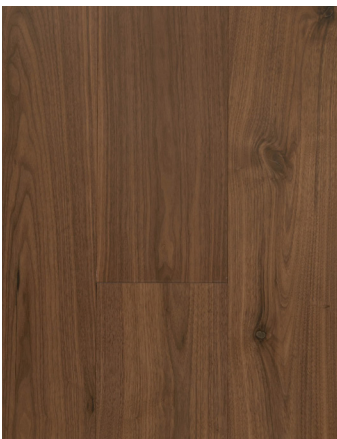
BEVANS, BXM492



ASHAWAY, BXC992

## UT SKUs:

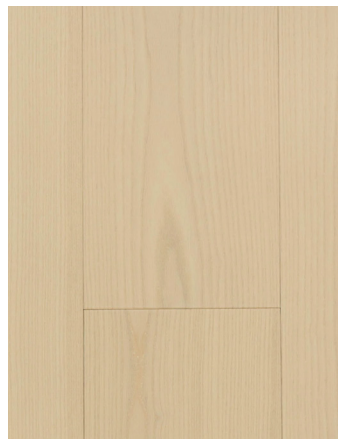
- Made in Sweden
- 19 products meet Class 31 Commercial Rating with a 10-year warranty
- 12 products meet Class 33 Commercial Rating



BRIGHTON, UT07



SWINDON, UT06



SWANSEA, UT05



LUTON, UT08



WALES, UT04



TUNBRIDGE, UT03



LEEDS, UT02



DURHAM, UT01

## The unique technology behind our Commercial Hardened Collection

- The whole plank is waterproof due to 5G waterproof system and dry technology.
- Proprietary Core: a waterproof mid-layer that adds to the stability and hardness of the wear layer.
- Locking floor with over 25 years of proven performance. 5G Dry Technology means our floors locks together, can't gap, and are as waterproof as any laminate flooring in the market.

## The Special Wear Layer

- These floors have an indentation and scratch resistant wear layer that has been fused with a wood powder mix fiber core filling in the natural opening in wood enhancing the beauty and strength. The UV Acrylic commercial-grade finish is stainproof and non-yellowing.
- The wear layer is thin (.06mm) on purpose! Traditional wood floors dent and scratch very easily. This wear layer has already had the wood cells crushed and densified via heat and pressure, improving the performance and resistance of all types of wood. Using this technology, even softer woods like Walnut become dent and scratch resistant and 3X harder than traditional wood.
- No re-sanding needed. This floor minimizes dents and scratches so successfully that a possible re-coat is all that will be potentially required in the far future.

## The Benefits of BX Densified Hardwood Flooring

### **KID & DOG FRIENDLY HARDWOOD FLOORING**

Our densified wood flooring uses a patent-pending process that creates hardened wood. As a result, you get 100% natural hardwood flooring that's pet friendly without using any laminate. In addition, the hardened wood fends off scratches from your dog's nails.

### **WATER-RESISTANT FLOORING**

This pet-friendly wood flooring delivers water-resistant protection, protecting your floors from the occasional pet accident. It also makes them great for areas where solid hardwood floors encounter issues like basements or kitchens. So, you can enjoy dog-friendly hardwood flooring in almost every room of your house.

### **MOLD & MILDEW RESISTANT**

The new proprietary antimicrobial coating technology inhibits the growth of bacteria, mold and mildew. It also protects against odor, damage and discoloration that may be caused by mold or mildew. So, if you don't get to the occasional accident or fail to wipe up a spill, you'll have less concerns about mold growth.

### **MADE IN THE USA**

This densified wood flooring is made in the USA. It comes in wider plank widths from 6-1/2 inches to 7-1/2 inches. Plus, you can choose from a variety of hardwood species, including hickory, red oak, white oak, and walnut in 13 color schemes. In addition, you can install the dog-friendly hardwood flooring with nails, glue, or even as a floating floor.

## How does it become densified wood?

Engineers have taken natural wood and made it even better. They've doubled the wood's denseness using a simple heat and pressure process. So, oak flooring, already hard by nature with a Janka hardness scale of 1360, becomes even harder, jumping to more than a 3000 rating. Hickory floors offer an even higher Janka ranking at more than 3500. This means no more gouges or scratches!

No chemicals. No additives. No fillers. No plastic. Just wood. Just better.

Wood is particularly interesting, as it is a natural, renewable, low-carbon, and recyclable building material that is widely used in construction...

Hardwood floors are an excellent choice for commercial and residential properties. The U.S. Environmental Protection Agency found that hardwood floors improve indoor air quality. They don't harbor microorganisms, allergens, or pesticides that can be tracked in from outdoors. Hardwood floors also minimize the accumulation of dust, mold and animal dander which makes wood floors a healthy option for you, your family members, and customers.

Real estate experts find that wood's longevity leads to a higher return on investment than other products. Wood floors last decades and with our new Hardened Wood Collection, you can have wood floors that are 3-6 times stronger and 4 times more scratch resistant than typical hardwood. If you have hardwood floors that experience high traffic, a product from the Hardened Wood Collection may be an excellent option for you. Let us tell you about the products within this line that were tested for indentation resistance measured by the ASTM D2394 test. This test consists of a 2-inch, weighted metal ball that is dropped from 5 feet above the hardwood floor. Hardened Wood Flooring was found to be less affected by the weighted metal ball compared to Stone Plastic Composite, Laminate, Engineered Wood and Solid Wood. Moreover, it is found to be scratch resistant and water resistant.

The products in this line were made using technology that fuses a thin sheet of wood with a high-density wood fiberboard. The natural wood openings are densified using heat and pressure, creating an incredibly hard and durable wood floor product. This is extremely important for business owners as well as homeowners, as the United States Environmental Protection Agency states that Americans, on average, spend approximately 90% of their time indoors.

Our Hardened Wood Collection has undergone multiple important tests:

#### SKU BX Tests

ASTM E648 Critical Radiant Flux of Floor: Class II – 0.44 W/cm<sup>2</sup>

ASTM D4828 Washability of Organic Materials: After 1 cycle of cleaning the following stains were removed: Pet Urine, Red Wine, Mustard, Red Dye 40 (Kool-Aid), Used Motor Oil, Ragu, Black Sharpie, and Acetone

ASTM E662 Density of Smoke Generated by Solid Materials: 320 flaming/ 341 non-flaming

ASTM D1037 Janka Hardness: Average of 10 specimen (lbs. force) = 2104.1

ASTM D2394 Falling Ball Indentation Test: Indentation resistance index at a height of drop of 72 inches (1.8m) = 0.003 inches

ASTM D6007 Carb Phase 2 Compliant: Meets Criteria

#### SKU UT Tests

ASTM E648 Critical Radiant Flux of Floor: Class I – 0.82 W/cm<sup>2</sup>

ASTM E662 Density of Smoke Generated by Solid Materials: 316 flaming/ 255 non-flaming

ASTM E84 Surface Burning Characteristics: Class C (Type III)

ASTM C518 Thermal Conductivity: 1.2472 W/in./h ft<sup>2</sup> F

ANSI A137.1 Slip Resistance: wet: 0.72 (average value)

EN 14354 Impact Resistance: EC3

EN 1534 Brinell Hardness: 10 HB (average value)

EN 13501 Fire resistance: Bfl-S1 (hardly flammable)

ASTM D6007 Carb Phase 2 Compliant: Meets Criteria

All results show this collection offers safe and reliable hardwood products. You can rest easy knowing your family, friends, and customers are breathing in quality air, as the Hardened Wood Collection meets VOC emissions compliance via CDPH 01350 V1.2

#### References:

<https://www.woodfloors.org/health-benefits.aspx>

<https://www.epa.gov/report-environment/indoor-air-quality>

<https://www.realtor.com/advice/home-improvement/what-type-of-flooring-should-i-install-for-best-resale-value/>

<https://www.scsglobalservices.com/services/floorscore>