

# BamBüFlor+ Densified™



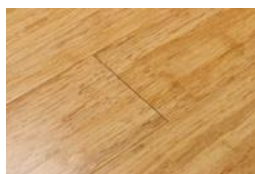
## BamBüFlor+ Densified™ - The Ultimate in Bamboo Flooring

Discover our exclusive collection of ultra-densified BamBüFlor+ Densified™ bamboo floors, combining exceptional durability and timeless beauty. Made from compressed Moso bamboo fibers with rapid growth, these floors offer an excellent eco-friendly alternative to traditional hardwoods. Perfect for homeowners and architects seeking sustainable, high-performance flooring solutions.

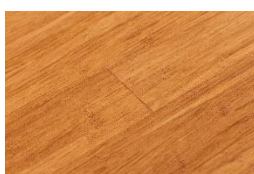
### High-Traffic Commercial Projects

With a unique manufacturing process and a Janka hardness rating above 3500, BamBüFlor+ Densified™ floors are extremely stable, hard, and durable, making them perfectly suited for demanding conditions such as stores, schools, museums, food fairs, and similar high-traffic areas. Their exceptional performance makes them a top choice for modern architectural projects prioritizing the use of natural resources.

### Available colors



Natural



Mocha



Java





Java Wide T&G

## Exceptional Durability and Versatility

BamBüFlor+ Densified™ demonstrates exceptional dimensional stability and impact resistance, making it ideal for slightly humid or high-traffic areas, from airports to family kitchens, bathrooms, or basements. Its stability and resistance also make it adaptable to various environments, from luxurious residential to demanding commercial spaces, offering aesthetic flexibility with superior performance suitable for both modern and traditional designs.

## Healthy for Your Environment

Rigorous quality control and a commitment to ultra-low VOC emissions ensure optimal indoor air quality, providing a healthy habitat for children, pets, and people with allergies. The VOC emissions of all our flooring products are undetectable, lower than the air we breathe.

## Residential Warranty: Peace of Mind

Our BamBüFlor+ Densified™ floors come with a comprehensive 50-year residential warranty, offering homeowners peace of mind and confidence in their investment. This warranty reflects our commitment to quality and durability, ensuring that your floors remain beautiful and functional for decades to come.

## Technical Information and Certifications

- Composition: Solid Strand Woven Bamboo
- Hardness: Average  $\geq 3500$  lb ( $\pm 1050$  kg/m<sup>3</sup>)
- Size: T&G : 72.83" x 5-5/8" x 9/16" – (1850 x 143 x 14mm), Click-Lock : 72.83" x 5-3/8" x 9/16" – (1850 x 135 x 14mm)
- Milling: Tongue-and-groove (T&G) and Click
- Installation Methods: Nail down, Glue down or Float
- Finish: Multilayer Polyurethane Pre-finished Matte – Gloss level of 15%
- V-Joint: Micro V-joint
- Available Colors: Natural, Mocha, and Java
- Surface per Box: T&G : 16.97sq.ft. (1.58m<sup>2</sup>), Click : 16.13sq.ft. (1.50m<sup>2</sup>)
- Box Weight: T&G : 52.91 livres (24kg) and Click : 48.5 livres (22kg)
- Shrinkage/Swelling: 0.14% for 1% change in moisture content.\*
- Impact Resistance: Brinell Hardness  $\geq 9.5$  kg/mm<sup>2</sup> (EN 1534);
- Fire Resistance: Class Cfl-s1 (EN 13501-1)
- Formaldehyde Emissions: Class E0 ( $< 0.025$  mg/m<sup>3</sup> EN 717-1). Compliant with CARB II\*\*
- Slip Resistance: USRV 26 (CEN/TS 15676) / R 10 (DIN 51130)
- Radiant Heat Compatibility: Yes (up to 27°C or 80°F)
- Thermal Conductivity: 0.28 W/mK (EN 12667)
- Thermal Resistance: 0.0784 m<sup>2</sup>K/W (EN 12667)
- Use Class: Class 1 (EN 335)
- LEED BD+C v4 Contribution Points:
  - MRC6: Rapidly Renewable Materials
  - IEQc4.3: Low-Emitting Materials
  - MRC7: Certified Wood
- BREEAM Contribution: HEA 2, MAT 1, MAT 5
- Warranty: Residential 50 years – Commercial 15 years
- Certification: FSC available upon request (SGSCH-COC-00726)

\*In comparison, red oak is about 0.4% per 1%, maple at 0.5%, and pine at 0.7% for 1% moisture change.

\*\* Class E0 is commonly used for products with very low emissions, undetectable (n.d.) or made with formaldehyde-free adhesives (NAF). E0 products are automatically E1 according to the EN 717-1 standard. Our products comply with CARB II.