

BAMBOO FLOORING



# INOVAR FLOOR

Longer Life. Lasting Impressions.

# Sustainable, Eco-friendly Floor Covering to Last a Lifetime.

**Inovar Bamboo Flooring** offers more than just comfort and durability. It is produced with materials that are sourced from sustainable bamboo plantation forests and therefore, it is extremely eco friendly.

Harder and stronger than many conventional timber panels, **Inovar Bamboo Flooring** fits equally well in residential and commercial interiors. From mild, gentle shades to darker or more outstanding colors, **Inovar Bamboo Flooring** offers a good variety to suit most interior styles.

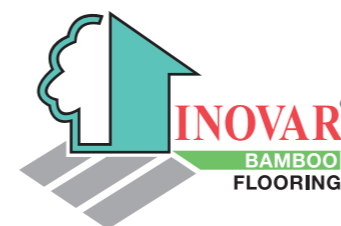


## **Inovar Bamboo Flooring**

### A Stronger and More Eco-Friendly Solution.

Apart from being a well-known rapidly renewable natural resource, researches have shown that bamboo has a higher tensile strength than many alloy or steel and a higher compressive strength than many mixtures of concrete. Based on the Janka Hardness Scale, bamboo ranks well above most solid timber flooring and offers a rating of approximately 3,000 Psi.

Produced with the unique strand woven technology where solid bamboo strands are fused together to produce an extremely dense and hard material, **Inovar Bamboo Flooring** is more than twice as hard on the Janka Scale compared to solid oak, making it the perfect choice when durability and eco friendliness are the main priorities.





# Advantages of Inovar Bamboo Flooring

## Extremely Eco-friendly

Bamboo takes only 5 years to reach full maturity compared to natural timber which takes up to 60 or even 100 years for hardwood species. This makes bamboo a fantastic choice for an eco-friendly floor covering material.

## High Resistance to Indentations, Fading and Abrasion

Its strong and sturdy surface has a high resistance against indentations, fading and abrasion.

## Good for Residential and Commercial Applications

The natural, eye-pleasing color shades as well as its hardy surface make it an excellent floor covering material for both residential and commercial applications.

## Patented Glueless Interlocking Installation

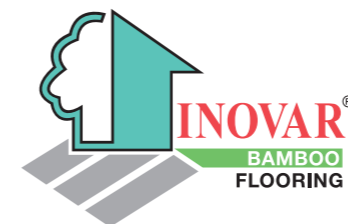
A patented interlocking system ensures speedy and hassle free installation.

## Excellent Colors

A range of beautiful colors and shades to fit most residential and commercial interiors.

## Consistency in Quality and High Stability

The unique production process of strand woven solid bamboo flooring ensures a high degree of consistency and stability in the quality of the product.



## Inovar Bamboo Flooring Collection

**Installation** : Patented Glueless Interlocking System  
**Size** : 1,850mm (L) x 125mm (W) x 14mm (Thick)  
**Packing** : 6 pcs / carton (1.3875sqm / carton)



• BM 2000 EVEREST



• BM 2100 NATURAL

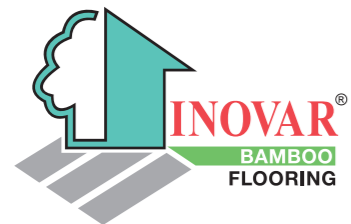


• BM 2200 EARTH



• BM 2400 AMAZON





# Inovar Bamboo Flooring Collection

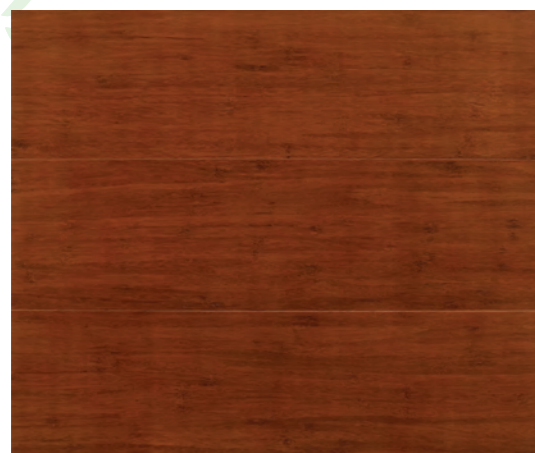
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**Packing** : 6 pcs / carton (1.3875sqm / carton)



• BM 2500 BAMBOSA



• BM 2600 EARL GREY



• BM 2700 LAVA



• BM 2900 BURNT EMBER

## Technical Specifications

**Construction** : Strand Woven  
**Material** : Solid Moso Bamboo  
**Joint** : Micro Beveled  
**Hardness** : 2,500 Janka Rating  
**Formaldehyde Emission** : E0  
**Surface Finish** : 30 ± 5 % Gloss with Anti-scratch Coating

Product Properties	Test Results	Test Standards
Dimensional Tolerance	T : ≤0.3mm / W : ≤0.2mm / L : ≤0.5mm	-
Density	1,130 kg/m <sup>3</sup> / 15.1mm	EN 14342:2005+AC:2007
Hardness	≥ 2500 Psi	-
Moisture Content	≤ 7 - 12%	-
Durability	Class 1	EN 335-1992
Breaking Strength	1.8 KN	EN 1533-2000
Anti-slip	USRV100	EN 1339-2003
Thermal Conductivity	0.25 W/Mk	EN 12664-2001
10PCP (Pentachlorophenol content)	< 0.5 ppm	EN 14823
Reaction to Fire	Cf1-s1	EN 13501-2002
Formaldehyde Emission	0.080 mg/L (E0)	EN 717-1:2004
Termite Test	Termite Resistant	ASTM D3345-08
Thickness Swelling	<1%	EN 13329

## Comparison Chart

Strand Woven Bamboo & Similar Flooring Materials

	Conventional Bamboo Flooring	Solid Oak Flooring	Strand Woven Bamboo
Hardness	1,600 Psi	1,290 Psi	≥ 2500 Psi
Density	750 kg/m <sup>3</sup>	700 kg/m <sup>3</sup>	> 1,000 kg/m <sup>3</sup>
Formaldehyde Emission	< 1.5mg/L	0.4mg/L	0.08mg/L (E0)
Impact Resistance	10mm	9mm	< 6mm
Moisture Content	12.0%	10.10%	≤ 7 - 12%

## Janka Hardness Scale

Strand Woven Bamboo	2,500
Merbau	1,925
Hard Maple	1,450
Natural Bamboo	1,380
White Oak	1,360
Beech	1,300
Red Oak	1,290

Source : American National Wood Flooring Association Technical Publication No : A220



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*Specialist Marketer of Floor Covering Materials*



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