



Bamboo Co

Sustainably Engineered Bamboo

[WWW.BAMBOO-CO.COM](http://WWW.BAMBOO-CO.COM)





# MEETING THE MARKET'S NEEDS



Hand Selected Color Range



Ages aesthetically



High end natural appearance



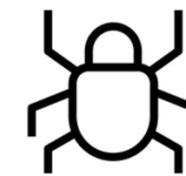
25 Year Warranty



Rain, UV and temperature resistance \*



Anti-corrosive  
High durability



Pest resistant



Quality Customer Service



Low maintenance



Easy to install



Cost effective



Fire retardant \*

\* applies to the outdoor product range



# ECO-SHIELD BAMBOO DECKING NATURAL

**Application:** Exterior

**Finish:** Natural w. Woca Oil

**Profile:** Reversible Smooth / Small Groove

**Fitting System:** Tongue & Groove, End Matched, Hidden Clips

**Dimensions (mm):** 1860 x 139 x 20

**Custom Colors:** Made to Order

The Natural Eco-Shield Bamboo Decking features a unique Tongue and Groove, End Matched System, where each board is end-matched to ensure easier and higher-quality installation. This system eliminates the need for end joints to align directly with a joist, creating a more natural, random pattern and enhancing the overall aesthetic of your deck. By avoiding the issue of having all the board ends lined up with the joists, you save time and money on installation while achieving a stronger, more consistent and visually appealing deck. This system is only possible with extremely stable materials and enables the connection of unlimited boards lengthways. Additionally, all boards are side-grooved for hidden clips and feature a reversible profile: one side is smooth for a sleek appearance, while the other side has a small groove for a more textured style, giving you the flexibility to choose your desired look.

Eco-Shield Bamboo Decking is a high density, anti-corrosive bamboo decking board made from compressed bamboo fibres. This unique patented technology provides our decking with the highest durability class that complies with EU Safety Standards. The density of the boards makes it one of the strongest, most durable and sustainable products on the market.

For accessories range please contact the team



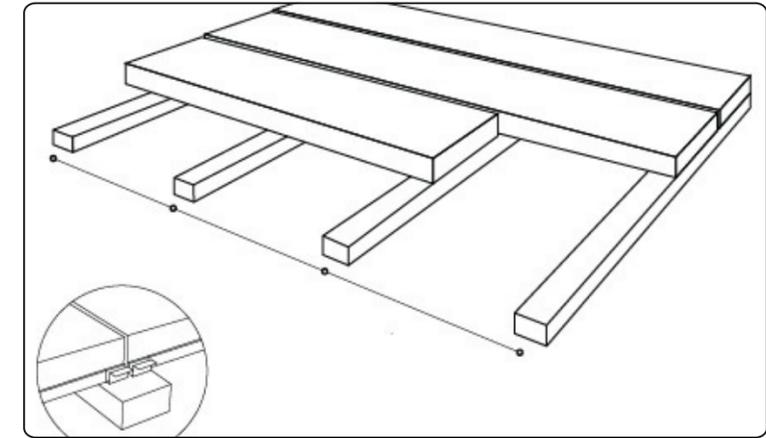
25 Year Warranty



Countrywide Delivery

Technical Characteristics and Certifications		
Test item	Result	Standard
Fire Resistance Class	Bfl-s1	EN 13501-1:2018
UV Exposure	grade 4	ISO 4892-3:2016
Hardness	8.61N/mm <sup>2</sup>	EN 1534-2010
Density	1.15-1.18g/cm <sup>3</sup>	GB/T 30364-2013
Moisture Rate	6-15%	GB/T 30364-2013
Thickness of Swelling Rate	≤2%	GB/T 30364-2013
Width of Swelling Rate	≤0.2%	GB/T 30364-2013
Expansion Rate After 1 Hour In Boiling Water	≤5%	N/a
Expansion Rate of 24 Hours Soaking Water	≤2%	N/a
Determination of Resistance	8.61N/mm <sup>2</sup>	EN1534-2010
Light Ageing Test-UV Exposure	grey scale 3-4	ISO 4892-3:2016 Cycle 1&ISO 105-A02:1993/Cor.2 :2005
Slip Resistance	R10	CEN/TS16165AnnexB-DIN51130
Durability Test	class 1 (very durable)	EN 350:2016
Formaldehyde Release	0.001mg/m <sup>3</sup>	EN717-1:2004
Resistance to Indentation	9.5kg/mm <sup>2</sup>	EN1534
Modulus of Elasticity	14060N/mm <sup>2</sup>	(EN ISO 178-2019)
Bending Strength	148.7Mpa	(EN ISO 178-2019)
Warranty	25 Years	N/a

## INSTALLATION SUMMARY

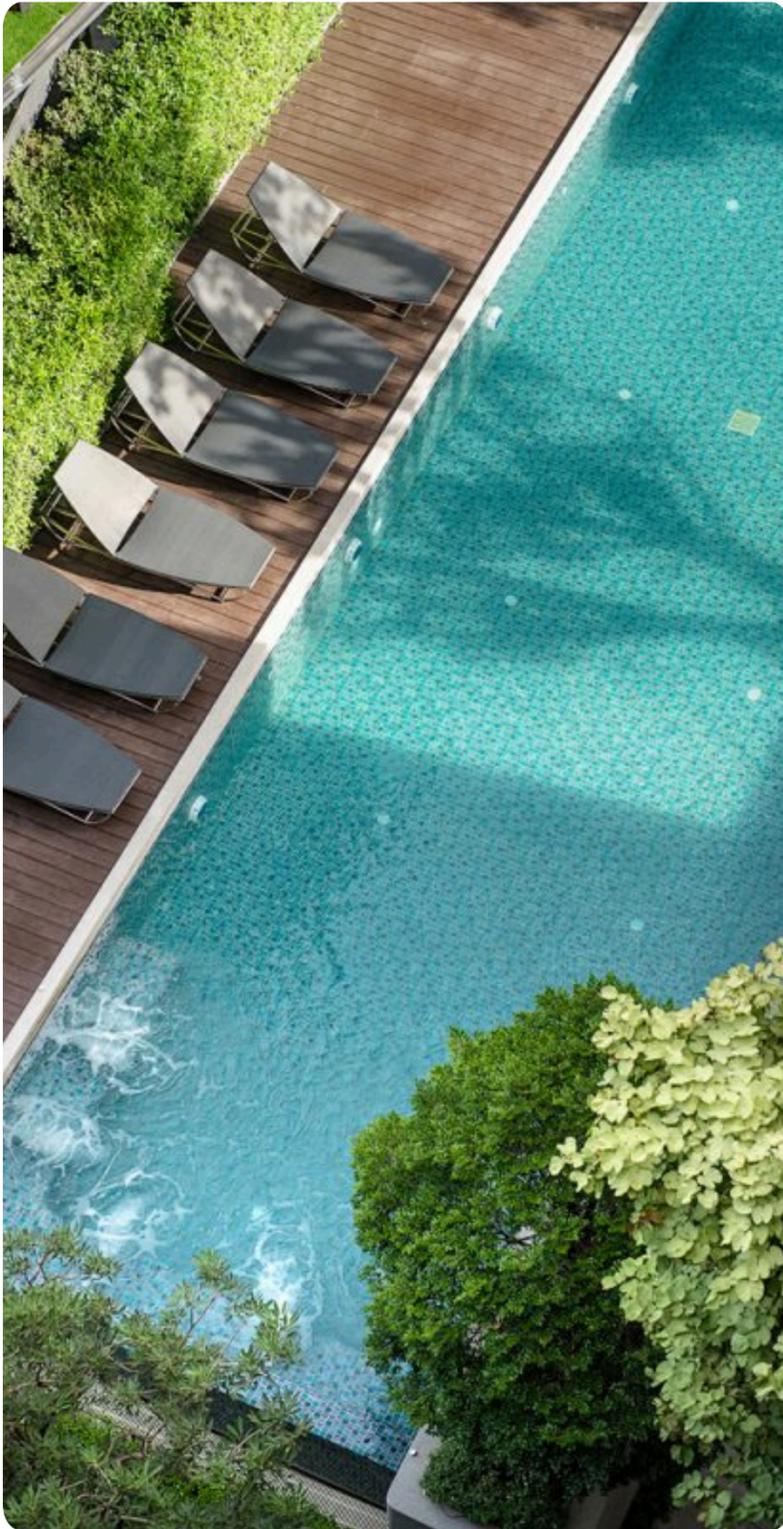


- Decking with symmetrical grooves along both sides are fixed with our innovative hidden clips and screws\*. (Distance between the decking is approx 2-3mm after installation.)
- Before installation, clean the worksite, make sure the sub-structure is flat and stable, the drainage is sufficient and conforms with the requirement of the construction design.
- The joists should be securely fixed and the dimensions calculated by a professional. Ensure the decking slope to be 1-2 degrees from level, in order to shed water.
- The distance between the joists must be between 450-500mm (1 x deck board measuring 1860mm in length requires 5 joists) Optimal spacing between joists is 465mm (centre of joist to centre of joist) to reduce waste.
- Distance from floor to the bottom of the decking should be 80-150mm for maximum ventilation.
- It is recommended that the product is sealed with Woca Oil once installed.

Find full guide at: <https://bamboo-co.com/wp-content/uploads/2025/03/Eco-Shield-Bamboo-Decking-Installation-Maintenance-Care-Guide.pdf>



\* Eco-Shield Clips and Screws



# ECO-SHIELD BAMBOO DECKING COFFEE

**Application:** Exterior

**Finish:** Coffee w. Woca Oil

**Profile:** Reversible Smooth / Small Groove

**Fitting System:** Tongue & Groove, End Matched, Hidden Clips

**Dimensions (mm):** 1860 x 139 x 20

**Custom Colors:** Made to Order

The Coffee Eco-Shield Bamboo Decking features a unique Tongue and Groove, End Matched System, where each board is end-matched to ensure easier and higher-quality installation. This system eliminates the need for end joints to align directly with a joist, creating a more natural, random pattern and enhancing the overall aesthetic of your deck. By avoiding the issue of having all the board ends lined up with the joists, you save time and money on installation while achieving a stronger more consistent and visually appealing deck. This system is only possible with extremely stable materials and enables the connection of unlimited boards lengthways. Additionally, all boards are side-grooved for hidden clips and feature a reversible profile: one side is smooth for a sleek appearance, while the other side has a small groove for a more textured style, giving you the flexibility to choose your desired look.

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For the accessories range please contact the team



25 Year Warranty

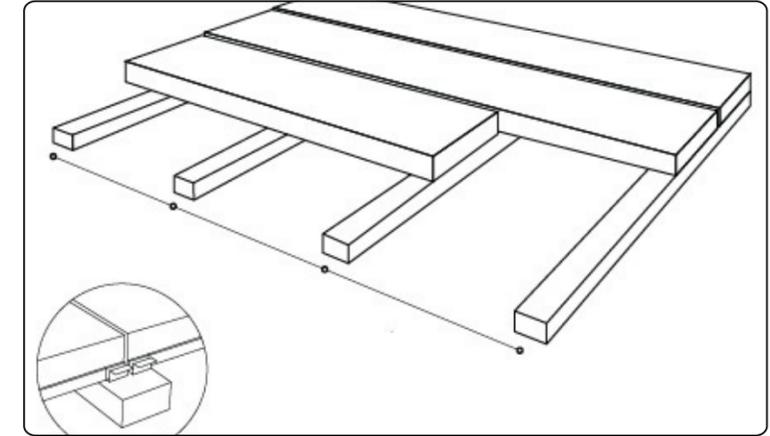


Countrywide Delivery



Technical Characteristics and Certifications		
Test item	Result	Standard
Fire Resistance Class	Bfl-s1	EN 13501-1:2018
UV Exposure	grade 4	ISO 4892-3:2016
Hardness	8.61N/mm <sup>2</sup>	EN 1534-2010
Density	1.12-1.15g/cm <sup>3</sup>	GB/T 30364-2013
Moisture Rate	6-15%	GB/T 30364-2013
Thickness of Swelling Rate	≤1%	GB/T 30364-2013
Width of Swelling Rate	≤0.1%	GB/T 30364-2013
Swelling in thickness after immersion in water	0.20%	EN317:1993
Flexural Modulus	12900Mpa	EN ISO 178:2010/Amd.1:2013 Method A
Determination of Resistance	8.61N/mm <sup>2</sup>	EN1534-2010
Light Ageing Test-UV Exposure	grey scale 3-4	ISO 4892-3:2016 Cycle 1&ISO 105-A02:1993/Cor.2 :2005
Slip Resistance	SRV "dry" = 74	CEN/TS 15676 : 2007
Durability Test	class 1 (very durable)	EN 350:2016
Formaldehyde Release	0.001mg/m <sup>3</sup>	EN717-1:2004
Resistance to Indentation	9.5kg/mm <sup>2</sup>	EN1534
Warranty	25 Years	

## INSTALLATION SUMMARY



- Decking with symmetrical grooves along both sides are fixed with our innovative hidden clips and screws\*. (Distance between the decking is approx 2-3mm after installation.)
- Before installation, clean the worksite, make sure the sub-structure is flat and stable, the drainage is sufficient and conforms with the requirement of the construction design.
- The joists should be securely fixed and the dimensions calculated by a professional. Ensure the decking slope to be 1-2 degrees from level, in order to shed water.
- The distance between the joists must be between 450-500mm (1 x deck board measuring 1860mm in length requires 5 joists) Optimal spacing between joists is 465mm (centre of joist to centre of joist) to reduce waste.
- Distance from floor to the bottom of the decking should be 80-150mm for maximum ventilation.
- It is recommended that the product is sealed with Woca Oil once installed.

Find full guide at: <https://bamboo-co.com/wp-content/uploads/2025/03/Eco-Shield-Bamboo-Decking-Installation-Maintenance-Care-Guide.pdf>



\* Eco-Shield Clips and Screws



# ECO-SHIELD BAMBOO WALL & CEILING

**Application:** Exterior

**Finish:** Natural w. Woca Oil

**Profile:** Reversible Smooth / Large Groove

**Fitting System:** Tongue & Groove

**Dimensions (mm):** 1860 x 103 x 12

**Custom Colours:** Made to Order

Bamboo Co Eco-Shield Wall & Ceiling boards have been processed using a patented technology resulting in an extremely high density, anti-corrosive product that withstands the harshest of conditions. Bamboo Co Eco-Shield Wall & Ceiling boards have superior stability to other natural products on the market, whilst also benefiting from being termite resistant.

For accessories range please contact the team



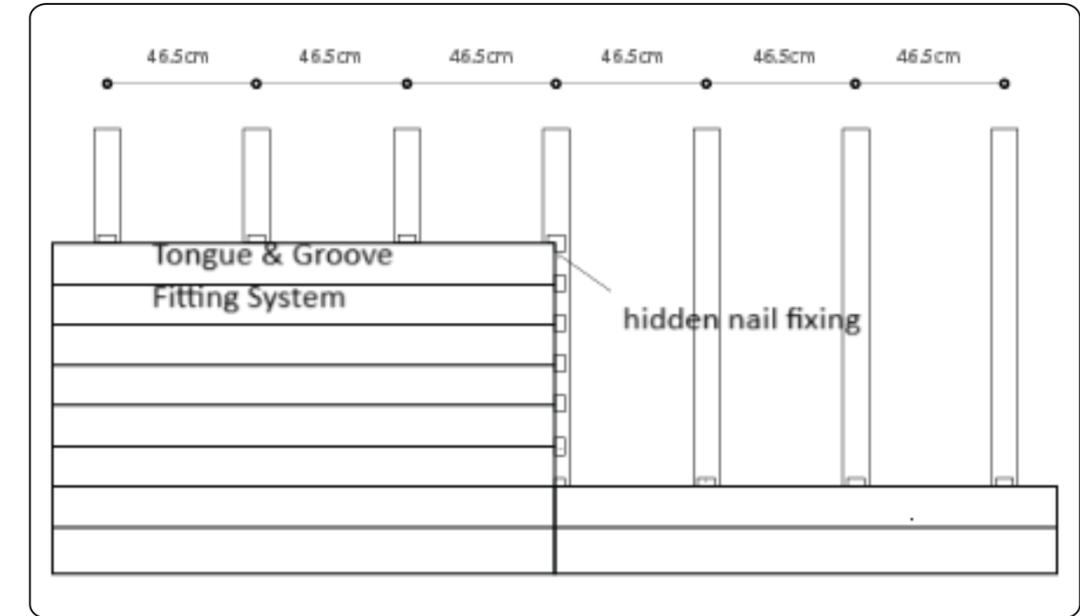
25 Year Warranty



Countrywide Delivery

Technical Characteristics and Certifications		
Test item	Result	Standard
Fire Resistance Class	Bf1	EN 13501-1:2007
UV Exposure	grade 4	ISO 4892-3:2016
Hardness	106.8N/mm <sup>2</sup>	
Bending Strength	95.5N/mm <sup>2</sup>	characteristic value - EN 408
Density	1200Kg/m <sup>3</sup>	
Moisture Rate	7-12%	
Formaldehyde Release	0.1mg/m <sup>2</sup> h	GB/T17657-2013
Expansion Rate After 1 Hour In Boiling Water	4-5%	
Static Bending Strength	74.4N/mm <sup>2</sup>	DIN EN 408
Determination of Resistance	8.61N/mm <sup>2</sup>	EN1534-2010
Modulus of Elasticity	19100N/mm <sup>2</sup>	DIN EN 408
Specific Gravity	1.2kg/m <sup>3</sup>	ASTM D2395-07 Method A
Light Ageing Test-UV Exposure	grey scale 3-4	ISO 4892-3:2016 Cycle 1&ISO 105-A02:1993/Cor.2 :2005
Resistance to Indentation	9.5kg/mm <sup>2</sup>	EN1534
Warranty	25 Years	

## INSTALLATION SUMMARY



- If the product is being installed internally, allow the boards to acclimatise for 48 hours to avoid warping or expansion. If installing externally, it is essential to ensure there is good ventilation between the wall and the product.
- Use studs (metal, wood or bamboo) to attach the bamboo and evenly space with an optimal distance of 465mm (center of stud to center of stud) to reduce waste.
- Fix the boards with screws or finishing nails, according to the stud material. For ceiling applications use construction adhesive for extra hold.
- When installing the first board, start from the bottom and complete the first row making sure every board is perfectly level. This will prevent issues further along in the process.
- Treat all cut ends with recommended varnish for further protection.
- Use suitable trims to finish.



Find full guide at: <https://bamboo-co.com/wp-content/uploads/2025/03/Eco-Shield-Bamboo-Wall-Ceiling-Installation-Maintenance-Care-Guide.pdf>



# ECO-SHIELD BAMBOO SIDING

**Application:** Exterior

**Finish:** Natural w. Woca Oil

**Profile:** Smooth

**Fitting System:** Hidden Clips

**Dimensions (mm):** 1860 x 103 x 12

**Custom Colors:** Made to Order



Bamboo Co Eco-Shield Siding boards have been processed using a patented technology resulting in an extremely high density, anti-corrosive product that withstands the harshest of conditions. Bamboo Co Eco-Shield Wall & Ceiling boards have superior stability to other natural products on the market, whilst also benefiting from being termite resistant. The boards can be used for facades, gates, fencing and more (contact our team to discuss your project aspirations).

For accessories range please contact the team



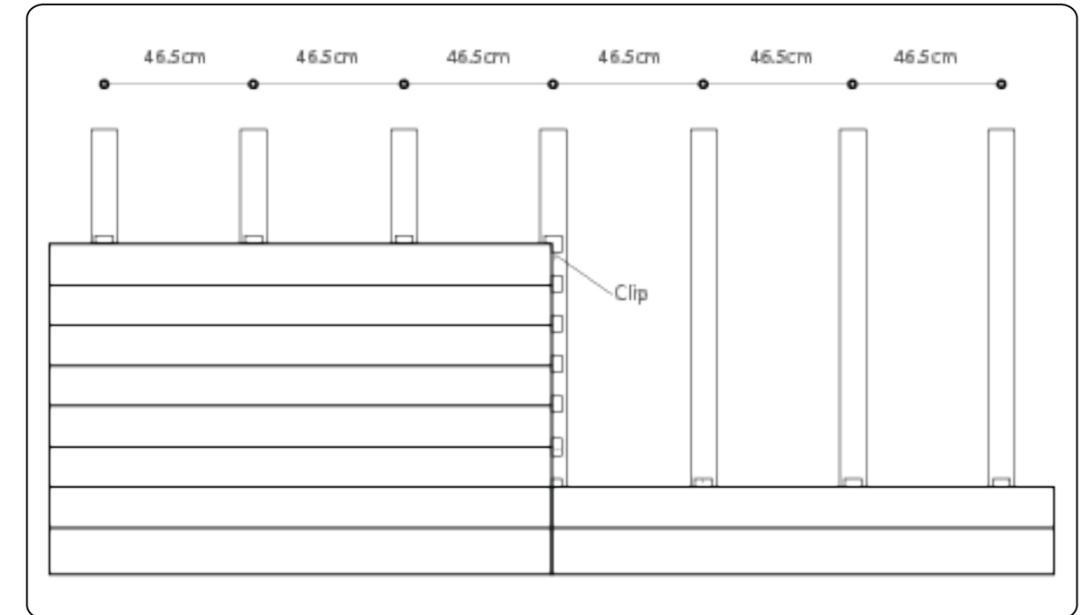
25 Year Warranty



Countrywide Delivery

Technical Characteristics and Certifications		
Test Item	Result	Standard
Fire Resistance Class	Bf1	EN 13501-1:2007
UV Exposure	grade 4	ISO 4892-3:2016
Hardness	106.8N/mm <sup>2</sup>	
Bending Strength	95.5N/mm <sup>2</sup>	characteristic value - EN 408
Density	1200Kg/m <sup>3</sup>	
Moisture Rate	7-12%	
Formaldehyde Release	0.1mg/m <sup>2</sup> h	GB/T17657-2013
Expansion Rate After 1 Hour In Boiling Water	4-5%	
Static Bending Strength	74.4N/mm <sup>2</sup>	DIN EN 408
Determination of Resistance	8.61N/mm <sup>2</sup>	EN1534-2010
Modulus of Elasticity	19100N/mm <sup>2</sup>	DIN EN 408
Specific Gravity	1.2kg/m <sup>3</sup>	ASTM D2395-07 Method A
Light Ageing Test-UV Exposure	grey scale 3-4	ISO 4892-3:2016 Cycle 1&ISO 105-A02:1993/Cor.2 :2005
Resistance to Indentation	9.5kg/mm <sup>2</sup>	EN1534
Warranty	25 Years	

## INSTALLATION SUMMARY



- Secure the siding boards with Bamboo Co Eco-Shield Siding Wall Clips & Screws Use screws suitable for the material of the battens. Position Bamboo Co Eco-Shield Siding Wall Clips & Screws centrally on the battens to ensure full support. Start with the lowest row of fasteners, ensuring they are placed level using a spirit level .
- Avoid over tightening the screws , as this can pull the fastener into the wood , making it difficult to install the board.
- Place the first board onto the clip. Ensure the clip engages deeply enough to keep the boards level. Tap the boards gently with a rubber mallet to secure them. Install the second row of clips, ensuring they are positioned on the tongue of the first row of boards.
- Install the second row of boards in the same manner, continuing this process for the rest of the installation.
- Treat all cut ends with recommended varnish for further protection.
- Use suitable trims to finish.



Find full guide at: <https://bamboo-co.com/wp-content/uploads/2025/03/Eco-Shield-Bamboo-Siding-Installation-Maintenance-Care-Guide.pdf>

# ECO SHIELD EXTERIOR COLOR RANGE



## IN STOCK



Natural



Coffee

Engineered for Costa Rica’s tropical climate and architecture, our exterior Eco-Shield range comes in a versatile palette designed to complement any outdoor space. Choose from Natural, a clean and organic finish that highlights bamboo’s raw elegance; Coffee, a rich, earthy tone that brings warmth and depth; Ebony, a bold, sophisticated shade perfect for contemporary settings; Auburn, a warm reddish-brown for classic charm; and Wood Grain, a textured finish that mimics the beauty of traditional timber while offering the superior performance of our anti corrosive, engineered Eco Shield Bamboo. Whether you are creating a retreat or statement deck, our color range offers a balance of style, strength, sustainability, and longevity.

## CUSTOM ORDER



Auburn



Wood Grain



Ebony





# ECO-SHIELD BAMBOO FLOORING

**Application:** Interior

**Finish:** Light Tropical or Dark Tropical

**Profile:** Smooth

**Fitting System:** Uni-Click

**Dimensions (mm):** 1850 x 135 x 14

**Custom Colors:** Made to Order



Bamboo Co Eco-Shield Flooring is made by compressing strands of bamboo fibres under extreme pressure (2,500 tons). The density of our flooring is over 1,100Kg/m<sup>3</sup> making it twice as hard as Oak and more stable than other natural alternatives. Bamboo Co Eco-Shield Flooring is uniquely suited for high traffic areas in both residential and commercial applications.

For accessories range please contact the team

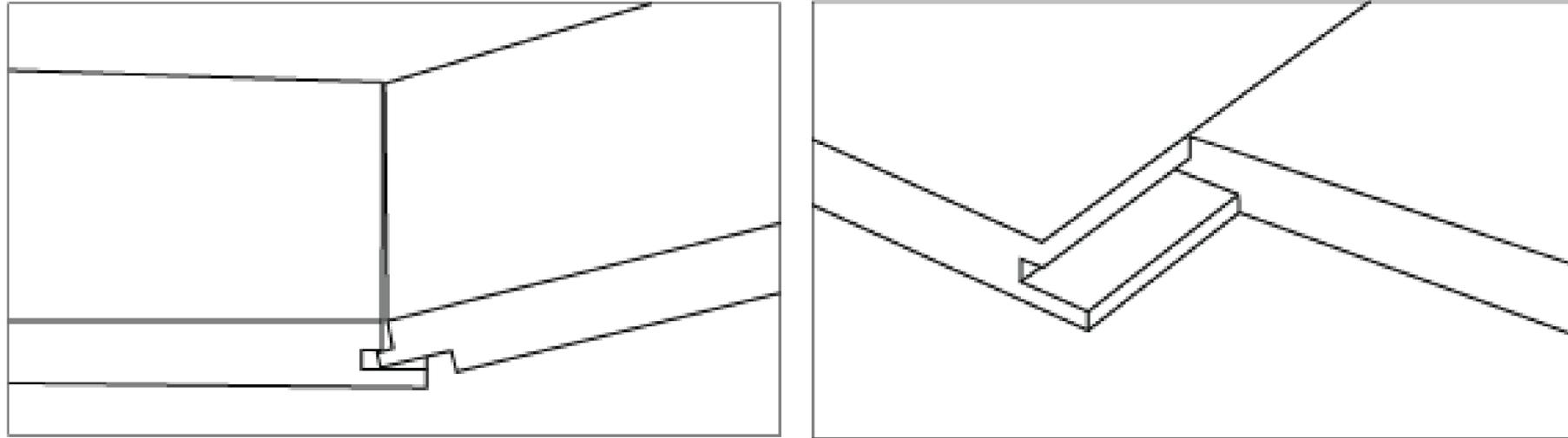


25 Year Warranty



Countrywide Delivery

# INSTALLATION SUMMARY



### Before Installation

- VERY IMPORTANT: If installing on a concrete pad, the floor should be fully cured and dried before installing the flooring as too much moisture can cause it to swell or warp. (Defects caused by improper installation, will not be covered by the warranty)
- The sub-floor (plywood, concrete floor or existing floor) should be perfectly clean and level with no discrepancies to avoid problems when installing. A self levelling compound is recommended.
- Allow the bamboo to acclimatise for 48 hours prior to installation (unbox the flooring in the room where it will be installed). This will reduce the risk of the flooring expanding or contracting once installed.

### Installation

- Choose the longest, straightest wall to start the installation and make sure the first row is as straight as possible. This will reduce problems further into the installation process.
- Being a natural product the flooring will expand and contract with different temperatures so it is advised to leave a 10-15mm gap between the floor and wall. Use spacer wedges to maintain the same gap.
- Bamboo Co's Eco-Shield Flooring comes with a uni-click fitting system and does not require nails, screws or glue. It is referred to as a 'floating floor'.
- Install the boards row by row ensuring that the seams are staggered for a more natural look. Use a rubber mallet to tap the planks into place without damaging the edges.
- Once all boards have been installed, remove the spacer wedges and install the skirting boards around the edge of the room to hide the expansion gaps. If needed use the necessary accessories for between doorways or steps.
- Clean the floor thoroughly, making sure all debris is removed to avoid scratching the floor.

Find full guide at: <https://bamboo-co.com/wp-content/uploads/2025/03/Eco-Shield-Bamboo-Flooring-Installation-Maintenance-Care-Guide.pdf>

Grade	Moisture Content	Surface Paint Film Adhesion	Surface Paint Film Wear Resistance	Surface Paint Film Pollution Resistance	Surface Impact Resistance	Formaldehyde Release
E1	6%-15%	Class 1	<0.12g/100r	Class 5	Impression diameter < 10mm	<0.124mg/m <sup>3</sup>



After installation

2 years use\*

After cleaning

After oil application

# EASY MAINTENANCE

## FOR EXTERIORS

- Regularly sweep or clean with a soft brush or vacuum and a damp mop.
- Every few months use a stiff brush and warm soapy water or a wood cleaner designed for bamboo or wood, scrub stubborn dirt, rinse with clean water and allow to fully dry.
- Apply recommended oil every 2 years.

\*dependant on project location/climate

## FOR INTERIORS

- Regularly sweep or clean with a soft brush or vacuum and a damp mop.
- Every few months use warm soapy water or a wood cleaner designed for bamboo or wood.
- Avoid excess water.



## BAMBOO

## TEAK

## WPC

SUSTAINABLE

YES

NO

NO

WARRANTY

25 YEARS

NO

+10 YEARS

MAINTENANCE

1 X PER YEAR / BI-YEARLY

2 X PER YEAR

NO

PRICE RANGE

\$\$

\$\$-\$\$\$

\$\$-\$\$\$

PEST RESISTANCE

YES

NO

YES

NATURAL APPEARANCE

YES

YES

NO

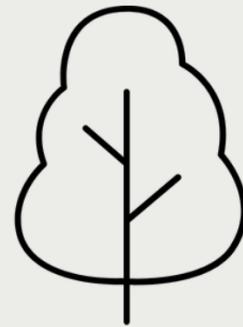




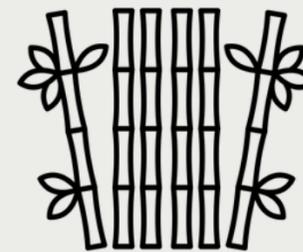
# ECO-CONSCIOUS



5 years



30-50 years



Bamboo is one of the fastest-growing plants, it is self-regenerating and grows naturally. There is no deforestation in our process.

A 40m2 bamboo deck sequesters and stores 1 ton of CO2 throughout its growth cycle and continues to retain it throughout its life as a deck.



Our manufacturing facility integrates renewable practices such as solar & biomass helping minimize the carbon emissions.

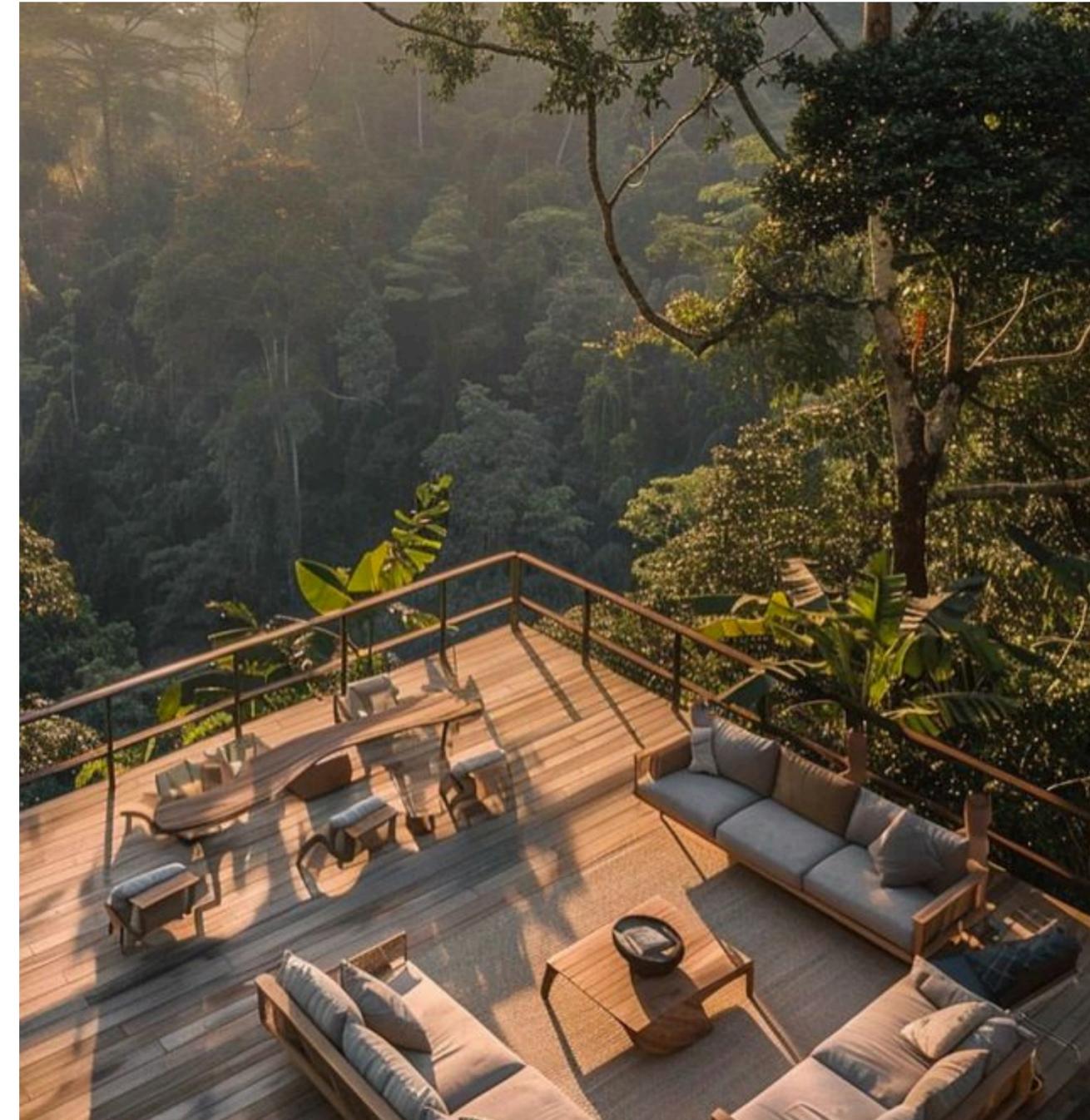
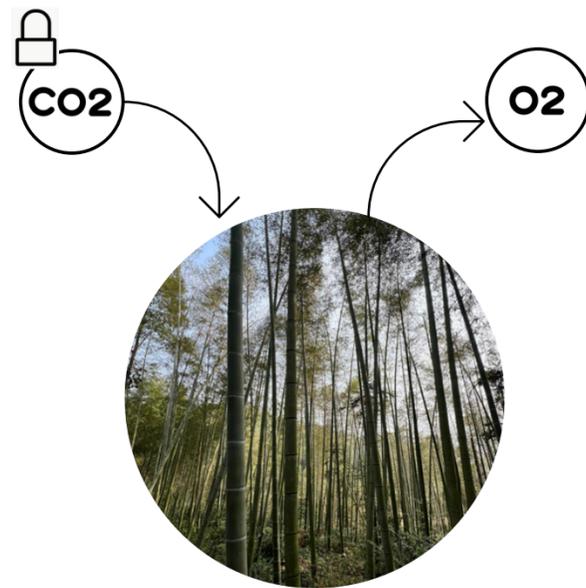


No pesticides used throughout the bamboo growth process.



# OUR PURPOSE

Our purpose is to provide innovative materials that combine high end aesthetics with durability and low maintenance, designed to withstand the challenges of tropical weather. We are committed to ethical and sustainable production practices, contributing to a better world and positively impacting the planet by reducing deforestation, CO2 emissions and the use of our finite natural resources.



# INNOVATION: THE ENGINEERING PROCESS



Harvesting



Selecting



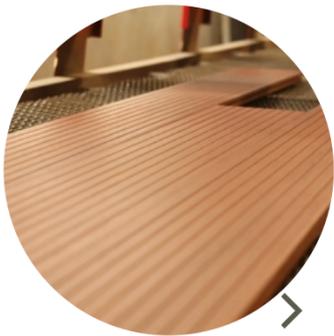
Splitting



Heating &amp; carbonizing



Gluing &amp; compressing



Cutting



Sealing



Quality control

## EXTERIOR RANGE

Bamboo poles are carefully selected, split into long, fibrous strands. Unlike conventional bamboo treatments, they undergo a high-temperature carbonization treatment that eliminates the organic nutrients (sugars and starches) which attract pests and fungi. Result: improved dimensional stability, making the material resistant to warping and cracking in extreme weather conditions.

After the carbonization, the bamboo fibers are combined with an advanced outdoor grade adhesive and compressed under 3,200 tons of pressure, creating ultra-dense blocks twice as hard as oak (exceeding 1,100k g/m.3) These blocks are then precisely milled into boards and a high-performance UV-resistant Woca Oil coating is applied (ensuring the board is highly resistant to moisture, wear, and fading).

## INTERIOR RANGE

Made with carefully selected bamboo poles from FSC certified, natural bamboo forests. Once selected they are soaked in Boric acid, resulting in a pest resistant material. Once dried, the Bamboo poles are shredded into individual strands, combined with a low-VOC adhesive and fused under a cold press of 2,500 tons of pressure. Density Result: over 1,100 kg / m<sup>3</sup> (twice as hard as oak). After the curing process, the block is milled into boards with a uni-click fitting system and finishing coat applied.



My experience with Bamboo Co was top notch. The service was great and the product is beautiful. Prior to ordering Ben came to my house to understand my project and to discuss the materials that would work best. I purchased the bamboo decking and crushed mats for the ceiling. It looks great and I am happy about how low maintenance it is compared to teak decking. I will definitely be ordering from Bamboo Co for the interior flooring of my new house.

**Josie**

*Mal Pais, Costa Rica*



With Ben Adams in charge of Bamboo Co, he took care of us from start to finish, from initially measuring up the space to delivery of the decking. He is a delight to work with, reliable and he made everything easy for us. His bamboo decking has really transformed the space and we are super happy with the outcome. Highly recommended!

**Yan**

*Mal Pais, Costa Rica*



We are a building company who built a deck with the bamboo decking and the floor of the house with the bamboo flooring. Both the client and myself were very satisfied with the quality of the product, strong, resistant and beautiful. The result is great! We will use this product now and with Ben's customer service it was a big YES!

**Mane**

*Santa Teresa, Costa Rica*



As an architect working with the challenges of Costa Rica's tropical climate, I have spent years searching for a material that offers both durability and aesthetics. In my latest construction project, we used lightweight walls covered with bamboo siding, both indoors and outdoors. When the material arrived, I was impressed by its quality, texture, and finish. The construction team installed it smoothly and effortlessly. The product recommended by Bamboo Co brings a warm and elegant feel to the space. And the fact that it has a 25-year warranty for outdoor use gave me the confidence and security to install it on exterior walls in Guanacaste, Costa Rica. I'm excited to continue exploring and testing different bamboo products in future projects.

**Adriana**

*Guanacaste, Costa Rica*



# NEXT STEPS

## QUOTATION

- We prepare a detailed quote based on the specific requirements of each project.

## PERSONALIZED CONSULTATION

- We provide tailored recommendations to meet our clients needs.

## PAYMENT TERMS AND DELIVERY TIME FRAME

- In-stock products: Delivered within one week. Full payment is required at the time of reservation.
- Special order products: Delivery within 12 to 14 weeks. 50% payment upfront and 50% prior to delivery.

## DELIVERY AND TRANSPORT

- We ensure safe and efficient transport of the products throughout the entire country.

## STORAGE SERVICES

- Storage options available

## INSTALLER RECOMMENDATIONS

- We provide a curated list of trusted installers.



## **CONTACT US**

+506 7126-8045

[bamboo-co.com](http://bamboo-co.com)

[WWW.BAMBOO-CO.COM](http://WWW.BAMBOO-CO.COM)