house of bamboo
EST. 1972

Contemporary &
Engineered

Architecture

HOUSE OF BAMBOO

Engineered Brochure

Modern, durable, and expertly crafted for strength and style. Engineered bamboo offers timber-like solutions that are sustainable, premium and sophisticated. Our exclusive range is ideal for indoor and outdoor applications, with the versatility to create flexible solutions that will transform your next project.

Sustainable

PRODUCT OVERVIEW & ECO-CREDENTIALS

What is Engineered Bamboo?

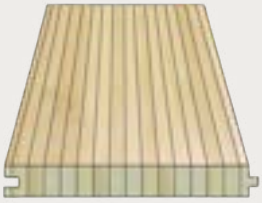
Engineered bamboo is crafted by compressing or laminating refined bamboo fibres into strong, solid forms. The result is a stable, dimensionally consistent material with outstanding performance, offering strength-to-weight ratios that outperform hardwoods and rival steel.

Made from flat rectangular bamboo strips cut from the bamboo stem.

"Slats" are glued together horizontally (plain pressed) or vertically (side pressed).

HORIZONTAL BAMBOO FLOOR

Strips of bamboo are arrayed on their side, also referred to as flat grain. Creates a pattern of small marks from the "nodes" of the bamboo culm.



VERTICAL BAMBOO FLOOR

Strips of bamboo are arrayed vertically, also referred to as edge grain. Minimizes the appearance of the "nodes" from the culm.

Sustainable by Nature

Bamboo matures in just 5–7 years and, once established, is harvested annually without the need for replanting. Unlike traditional forestry, it retains up to 75% of its biomass during harvest, preventing deforestation and helping to support biodiversity. Its root system remains intact, storing carbon underground while continually regenerating new growth, making bamboo a truly renewable and carbon-negative building material.

Sustainability Certifications & Accolades

www.houseofbamboo.com.au

YEARS OF RESEARCH AND DEVELOPMENT

Engineered bamboo is the result of over two decades of rapid development driven by extensive research, rigorous testing, and product refinement. Today, it is recognised not only as a sustainable alternative to timber, but as a high-performance partner, offering complementary strengths in durability, aesthetics, and environmental impact.

Designed to meet the technical and creative demands of modern construction, engineered bamboo is dimensionally stable and suitable for both interior and exterior applications. It maintains a balanced moisture content and responds predictably to environmental changes delivering the reliability of timber with greater uniformity.

Thanks to its naturally elongated cell structure, bamboo offers flexibility beyond that of traditional hardwoods, making it ideal for curved forms and flowing architectural features.

With no tannins, engineered bamboo won't stain surrounding materials, allowing effortless integration with lighter finishes such as stone, concrete, and render. Its refined appearance enhances rather than competes with adjacent surfaces, supporting clean detailing and contemporary design.

From linear battens to sculpted acoustic panels, engineered bamboo is a specification-ready material that empowers bold design and delivers high-performance results.

APPLICATION

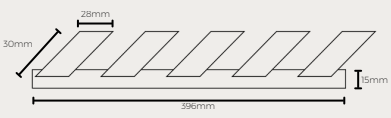
Cladding & Screening and Overhead designs

Naturally warm and highly durable, customisable bamboo battens for interior and exterior walls, ceilings, screening, and decorative applications.

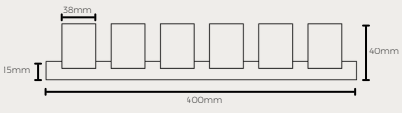
SeaChange® Series

Bamboo battens mounted to anodised aluminium backing rails. Profiles include:

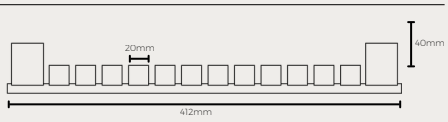
COTTESLOE (angled)



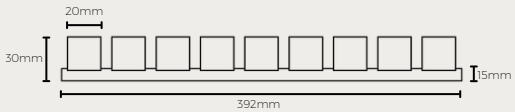
NOOSA (rectangle)



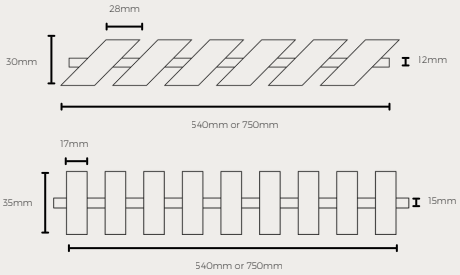
SAPPHIRE (slatted two designs)



TORQUAY (square)



SILHOUETTE (angled)



*Available in standard screen sizes as well as bespoke sizes

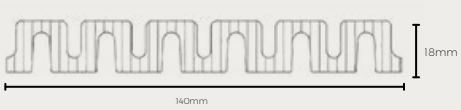
APPLICATION

Cladding & Screening and Overhead designs

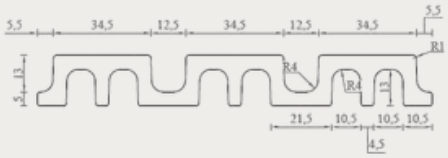
Symphony Series

Engineered bamboo in a variety of face styles (ribbed, flat, scalloped) for vertical or horizontal application.

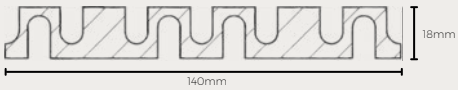
CELLO I



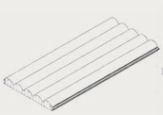
CELLO II

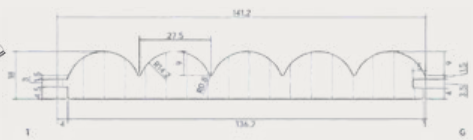


CELLO III



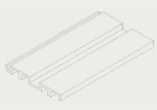
CELLO IV-B

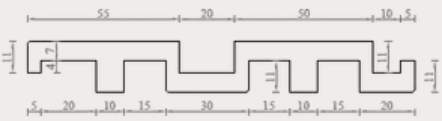




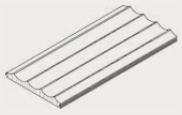
CELLO V-S

CELLO VI

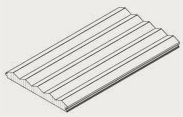




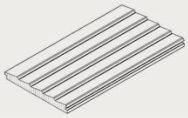
TEMPO VII



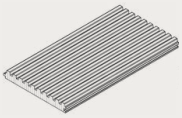
TEMPO VIII

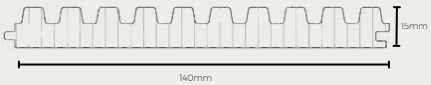


TEMPO IX

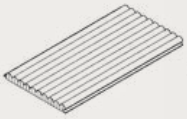


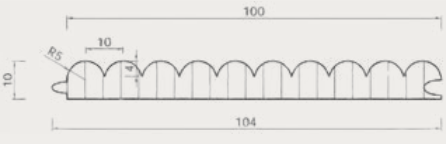
TEMPO X



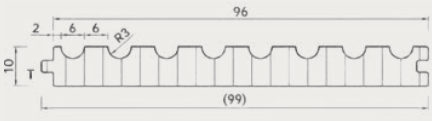


ALTO IV





ALTO XI



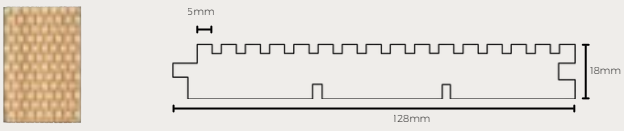
APPLICATION

Acoustic Integration

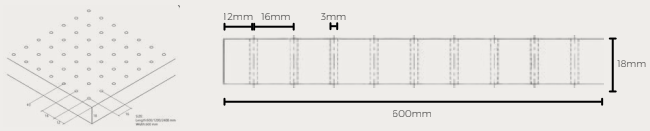
Symphony Opera Panels

Delivers natural sound absorption for commercial spaces, auditoriums, and premium interiors.
Easily fixed to various substrates with optional acoustic backing.

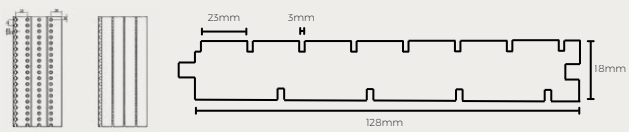
OPERA I



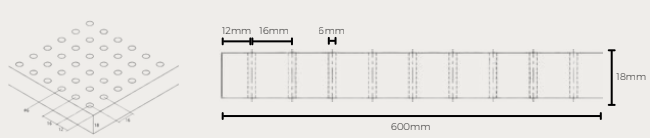
OPERA V



OPERA III



OPERA VI



APPLICATION

Joinery and wall treatments

Bamboo Veneer

Woven bamboo strips made into sheets as a finish to interior styling/finishes Bamboo Veneer.

Horizontal Natural

Strandwoven Carbonised

Vertical Dark Carbonised

Vertical Light Carbonised

Vertical Natural

Woven Herringbone Carbonised

APPLICATION

Joinery, shelving and framing

Bamboo Ply

Crafted to deliver a luxurious, contemporary look that exudes sustainability and natural authenticity.

Horizontal 10mm dark carbonised

Horizontal 20mm light carbonised

Vertical 15mm dark carbonised

CUSTOM DESIGN

Custom structural bamboo beams

Screening & Partition Systems

Our engineered bamboo batten systems are fully customisable from batten profile and surface finish to mounting and fixing methods. Whether you're aiming for a distinct design expression or meeting technical requirements, we tailor the system to suit your project.

Creative Freedom

Engineered bamboo offers the creative flexibility to meet almost any design vision from sculptural forms and curved contours to custom joinery, ceiling features, and bespoke architectural elements. If a design calls for timber, this material can meet or exceed those expectations with added sustainability and technical performance.

PRODUCT TECHNICAL SPECIFICATION AND TOLERANCE

PROPERTIES	STANDARD
Indoor Emissions	Class E1 [<0.124 mg/m3] [EN 717-1]
Hardness [Brinell]	> 4kg/mm2 [EN 1534]
Durability	Class 1 (EN 350 / CEN/TS 15083-2)
Fire Rating	Group 3 [AS ISO 9705:2003] : B grade Bfl-s1 (EN 13501-1)
BAL Rating	UP TO BAL 29 - CHECK WITH CERTIFIER
Density of Material kg/m3	680 kg/m3
Tolerance	Length: +/-0.5mm per m Width: +/-0.5mm per m Thickness: +/0.5mm per m
Moisture Content	9% - 13%
Termite Resistant	Group 10 GB/T18260-2015 No attack, Sound
Mould Treated	H3 Treated as per Australian Standards 1604

CERTIFICATIONS

Global GreenTag Standards	GreenRate Level A HealthRate Platinum
FSC	Certified [Available on Request]
Rating Tools	Green Star – AU- GBCA IS Rating – ISCA USGBC LEED V4.0 and v4.1 Rating Tool Credit WELL Features - IWBI
Fire Rating Level	Class 3 (Refer to National Construction Code.)

PRODUCT HEALTH DECLARATION AND HEALTHRATE CERTIFICATION

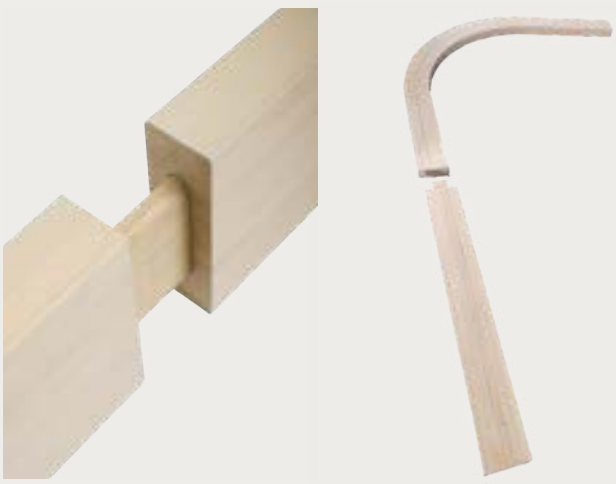
House of Bamboo's Engineered Laminated bamboo products are made with rapidly renewable materials. The products are tested against AS/NZ 3837. House of Bamboo's Engineered Laminated bamboo products are resistant to termites and require minimal maintenance when installed internally.

HOB GREENTAG CERTIFICATION

Green Building, Interiors & Infrastructure Sustainability Rating Tools	Recognized in Product & Materials Credits and WELL Features	Global GreenTag International Certifications & Declarations			
		GreenRATE Level A	LCARATE	Product Health Declaration	Environmental Product Declaration
WELL, Green Star	VOC, IAC	✓		✓	
LEED	USGBC	✓			
WELL - IWBI	EPDs			✓	
IS Rating Tool	Sustainable Product Ecolabel Certification	✓	✓	✓	✓

AMPHORA MARVEL STADIUM

Amphora Melbourne
Hachem Architects & Interiors | Architect



House of Bamboo Curved Beam
Custom-designed interlocking battens

TThe Amphora at Marvel Stadium in Melbourne is a landmark project for the House of Bamboo. When meeting with Hachem Architects & Interiors to discuss the project, the House of Bamboo was asked 'Can you do curves?' Our emphatic response led to the House of Bamboo's engineered beams being utilised to create an innovative ceiling feature that is a centrepiece of this project.
Guided by our visionary team, the project pivoted from traditional materials to engineered bamboo, underscoring the project's commitment to environmental stewardship and pushing the boundaries of traditional design without compromising on style and luxury.
The bamboo ceiling not only enhances the visual appeal of the space but also contributes to acoustic performance and environmental responsibility. This innovative application of bamboo in a high-profile public venue underscores its potential as a sustainable alternative to traditional building materials.

- Best Restaurant/Bar Design (Australia & Pacific) – Indesign Awards 2024
- Lighting Design (Global) – Indesign Awards 2024

FIRST BUILDING

Badgerys Creek, Western Sydney Aerotropolis
Hassell Studio | Architect

Noosa Custom Battens

The objective of the AMRF First building was to provide the first-ever flexible, state-of-the-art building that utilises unique modular disassembly components, carried out from concept to execution.

In collaboration with Hassell Studio, engineered bamboo was integrated into the façade solutions. Extensive exploration of batten size, screen design, and manufacturing techniques resulted in ease of installation as prefabricated modular systems.

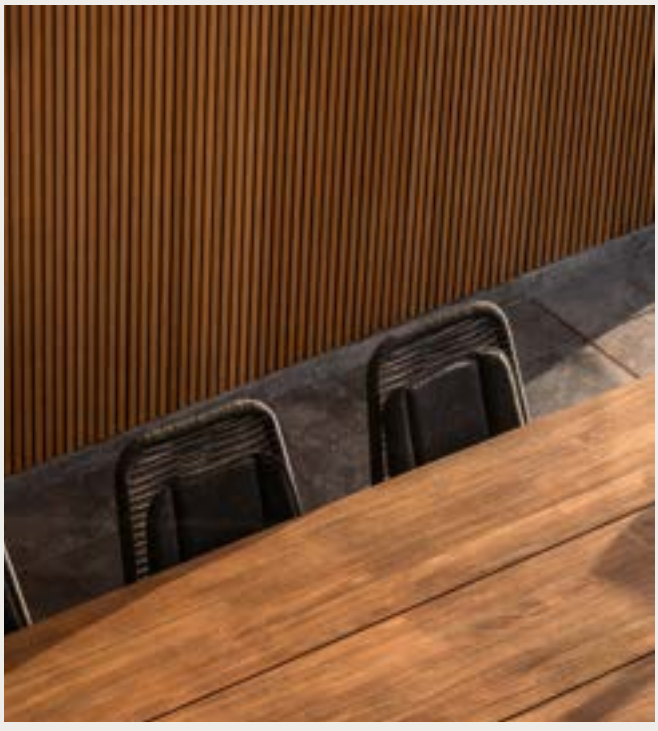
The engineered bamboo batten screens not only provided façade articulation and shade to the high-performance glazed walls but also reinforced the project's commitment to sustainability.

This development is set to achieve a 6-Star Green Star rating, full Living Building Challenge certification and a 5.5-Star NABERS Energy and Water rating. It is energy positive, carbon neutral, nature positive, healthy and inspiring.

- Commendation for Commercial Architecture at the 2025 NSW Architecture Awards
- Premier's Prize, 2025 NSW Architecture Awards

MILSONS POINT PENTHOUSE

Architect: The Spark Studio
Location: Milsons Point, Sydney, Australia

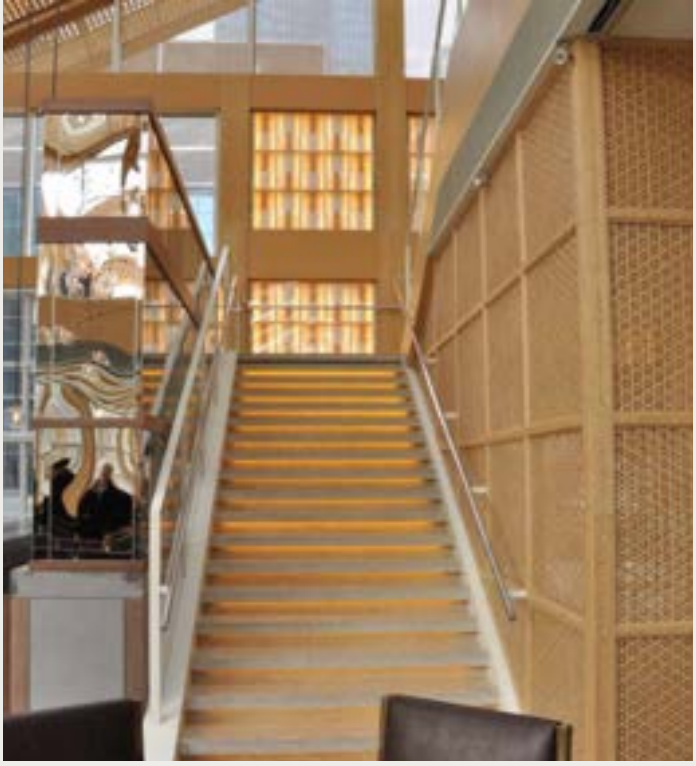


This Milsons Point Penthouse, designed by The Spark Studio, is a calm, considered space offering a retreat above the city. Framing expansive harbour views, the design balances refined materiality with a strong connection to the outdoors.

A key gesture is the use of House of Bamboo's Sea Change Torquay engineered bamboo battens, which wrap the exterior. Their natural tone and rhythm bring warmth and softness, offering subtle screening and texture without competing with the view. The bamboo's durability made it ideal for exposed use, while its sustainability supported the project's environmental goals.

Throughout the process, there was a clear focus on surface, texture, and how materials interact with light. Engineered bamboo was chosen not just for performance, but for how it complements stone, glass, and metal—adding tactility and calm.

In 2024, the project was shortlisted in the Australian Design Awards for Interior Design – Residential, recognised for its integrated material approach and commitment to sustainable living.



INTERNATIONAL PROJECTS

Top line: CALYPSO Restaurant & Lounge | Shangri-La Hotel | Jing An Kerry Centre, Shanghai
Bottom line: Shanghai Library East, China

Examples of the House of Bamboo's work is not only limited to Australian shores. The benefits of bamboo have been widely recognised in other parts of the world for many years. Our factory has been a significant contributor to a number of major projects, where custom bamboo materials are used throughout the project.

Working with some of the world's largest architectural firms, including Hening Larsen and Herzog and de Meuron, these projects feature custom designed and manufactured materials to meet specific design, aesthetic and sustainability requirements. Products include structural materials, curved beams, intricate joinery and veneers; all engineered bamboo that delivers eco-friendly, sophisticated and contemporary solutions.

SHAW AUDITORIUM

Hong Kong University Of Science And Technology
Henning Larsen + Wong Tung And Partners | Architect
Approx 300m3 of bamboo

Engineered bamboo manufactured:
Battens, Handrails, Acoustic panels, Wall panels, Joinery Items

The Shaw Auditorium at the Hong Kong University of Science and Technology (HKUST), designed by Henning Larsen and completed in 2021, is a 12,800 m² multipurpose venue, perched on a hillside overlooking Kowloon Bay, serving as a dynamic cultural and academic hub.

This adaptable and innovative building integrates multiple functions, and engineered bamboo is featured throughout. This delivers a significant, sustainable impact and a highly customised acoustic building.

The House of Bamboo's factory played a pivotal role in the design, development, and manufacture of the engineered bamboo for this project. This contributed significantly to the project's environmental influence and is proudly aligned with our mission to produce eco-friendly materials for modern architecture.

- AIA Hong Kong Honor Award for Architecture (International Open Category)
- Best Alternative Project, Gold Recognition, MIPIM Asia 2023 Awards
- Merit Award, Green Building Awards 2023

BVLGARI FLAGSHIP STORE

Architect: Peter Marino
Location: Hong Kong

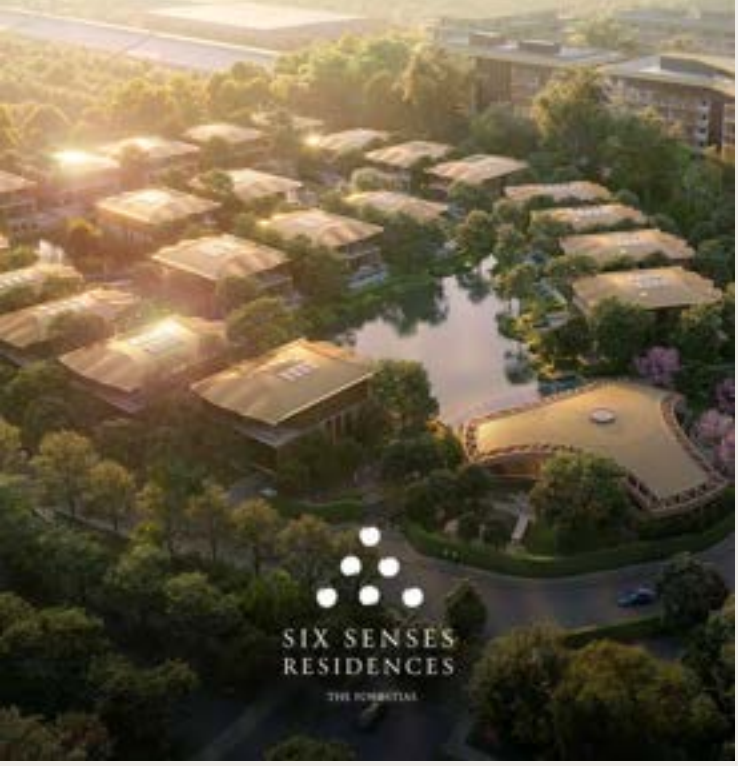
M+ MUSEUM

West Kowloon Cultural District, Hong Kong
Herzog & de Meuron | Design consultant

Nestled in Hong Kong's dynamic West Kowloon Cultural District, the M+ Museum emerges as a beacon of contemporary culture, showcasing a striking commitment to sustainability and innovative design. Engineered by the globally acclaimed Swiss firm Herzog & de Meuron, the museum's unique upside-down T-shape offers sweeping views, seamlessly integrates with neighbouring cultural icons. The museum's design spans 33 galleries and multiple movie theatres, crowned by a verdant rooftop garden that embodies its ecological ethos. The true highlight of M+ Museum's sustainability efforts is its extensive use of engineered bamboo

Engineered bamboo features throughout the project, from flooring, wall cladding, ceilings, and custom joinery. Notably, our factory specifically crafted the batten ceilings, staircases, balustrades, and handrails, each element celebrating the versatility and aesthetic appeal of bamboo.

This expansive use of engineered bamboo sets a new benchmark in sustainable architecture, The project has been widely published and was shortlisted for the 2022 RIBA International Prize.



SIX SENSES RESIDENCE

Architect: Foster & Partners
Location: Bangkok, Thailand

The Six Senses Residences project was rooted in addressing Thailand's aging population and growing disconnection from nature. Central to the plan is a 12-acre forest core and over 14 acres of green space, promoting intergenerational living and emotional well-being.

Architecture draws inspiration from traditional Thai design, emphasising sustainability and a strong connection to place. Engineered bamboo ply was a key material choice in achieving this, used prominently in the first-level timber screens and soffits. These bamboo elements provide natural shading and light filtering, softening direct sunlight while echoing local architectural traditions. Engineered bamboo was selected for both its sustainability credentials and cultural relevance. As a fast-growing, renewable resource, it allowed the design team to meet environmental targets while maintaining a low carbon footprint. The material also offered the structural integrity and aesthetic flexibility needed for refined architectural detailing.

The Six Senses Residences earned a Silver Award in the Residential Architecture Design / Green, Sustainable Living category from the International Design Awards.

NO COMPROMISE

Performance

High-performance ratings Strong, stable, and fire-resistant — with the strength of steel and the stability of hardwood.

Sustainability

Grows quickly, captures more carbon than it emits, and is harvested sustainably, with no deforestation or harm to biodiversity.

Architectural Agility

Custom-shaped and stainable, with applications in education, hospitality, retail, commercial, and luxury residential projects.

Fully Supported Projects

Every project is backed by our support team with over 50 years of design and technical knowledge.

Design-forward

Easily adapts to curved, acoustic, cladded, or screening applications, ideal for seamless architectural integration.

Research-Based & Professionally Certified

Grounded in research and certified, supported by case studies with real-world results..

Engineered bamboo is more than a timber alternative; it has its own architectural voice. I see it as a strong, stable, and sustainable material that allows architects and builders to push boundaries without compromise. There are no tannins, no warping, no surprises, just clean lines, natural depth, and structural reliability. Its refined texture doesn't compete with other materials; it complements them. For me, it's a material that supports both creative freedom and environmental responsibility."

— Jennifer Snyders, CEO, House of Bamboo®

RETHINK THE FUTURE STANDARD

Engineered bamboo isn't a green alternative anymore, it's a future-ready, spec-grade material leading the shift toward performance-driven sustainability.

INDUSTRY LEADERSHIP

House of Bamboo® is led by Jennifer Snyders, World Bamboo Ambassador and President of the Bamboo Society of Australia.

Since launching Australia's first engineered bamboo range in 2016, the brand has set new standards in performance, sustainability, and design flexibility.

BAMBOO BENEFITS

SOIL EROSION PREVENTION & RESTORATION

ZERO-WASTE LIFE CYCLE

GREENHOUSE GAS EMISSIONS

NATURAL WATER PURIFICATION

SHORT HARVEST CYCLE

SELF-REGENERATING GROWTH

SUPERIOR WATER RETENTION

SUPERIOR CARBON SEQUESTRATION

NATURALLY RESISTANT TO TERMITES

BIODIVERSITY PRESERVATION

CLIMATE CHANGE MITIGATION

ENHANCED OXYGEN PRODUCTION

house of bamboo
EST. 1972

MEET THE SPECIALIST

We're not typical suppliers. We're material consultants who understand the complexities of your project. Our team of architects, engineers, and sustainability specialists brings real professional insight to every stage.

From specification through installation, we work with you to ensure our engineered bamboo meets your project's needs. Beautiful spaces, people actually stop and notice.

Jennifer Snyders

CEO & Bamboo Expert | NSW

Contact me

Anna Borella

Interior Designer & Bamboo Specialist | NSW

Contact me

Mayra Miranda

Architect, Interior Designer & Bamboo Specialist | NSW

Contact me

Greg Severin

Bamboo Specialist | WA

Contact me

Rachel Potter

Interior Designr, Sales and Design Consultant | QLD

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Vik Rodrigo

Bamboo Specialist | VIC

Contact me

Federico Riches

Architect, Sustainable design

Isabella van der Griend

Materials Specialist, Bamboo Advocate

HEAD OFFICE & SHOWROOM

13 Erith Street, Botany NSW 2019

DISPLAY CENTRE QLD

BUILD AND DESIGN CENTRE BRISBANE

66 Merivale Street, South Brisbane QLD 4101

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