

BRAZIL · ENGINEERED BAMBOO

Bamboo Panels & Brises

Painéis e brises em bambu de engenharia
Paneles y brises en bambú de ingeniería

BORON-TREATED · SOLD BY MODULE · SPECIFIED FOR INTERIOR & COVERED APPLICATIONS

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The knot that binds industry and craft

o nó que une indústria e arte · el nudo que une industria y arte

EN

Bamboo becomes a building material at the moment it stops being harvested and starts being specified. Between the standing culm and the finished surface there are six controlled stages — species and maturity selection, natural drying to 10–12% moisture, boron treatment, grading, prefabrication, documentation.

Those stages, not the plant, decide how a surface behaves over time. It is the difference between a material that ages into patina and one that fails in its third year.

Tudubambusa exists to industrialise that sequence without losing the hand that weaves the panel. Every square metre leaves our factory cut, drilled, treated, graded and identified — with its origin, treatment date and batch number travelling on the document beside it.

This catalogue presents two lines: **Surfaces & Claddings** and **Structures & Scenography**.

ES

El bambú se convierte en material de construcción en el momento en que deja de ser cosechado y pasa a ser especificado. Entre el culmo en pie y la superficie terminada hay seis etapas controladas: selección de especie y madurez, secado natural hasta 10–12% de humedad, tratamiento con boro, clasificación, prefabricación y documentación.

Son esas etapas, y no la planta, las que deciden cómo se comporta una superficie con el tiempo. Es la diferencia entre un material que envejece ganando pátina y otro que falla en su tercer año.

Tudubambusa existe para industrializar esa secuencia sin perder la mano que teje el panel. Cada metro cuadrado sale de fábrica cortado, perforado, tratado, clasificado e identificado, con su origen, fecha de tratamiento y número de lote en el documento que lo acompaña.

Este catálogo presenta dos líneas: **Revestimientos y Superficies** y **Estructuras y Escenografías**.

PT

O bambu vira material de construção no momento em que deixa de ser colhido e passa a ser especificado. Entre o colmo em pé e a superfície acabada existem seis etapas controladas: seleção de espécie e maturidade, secagem natural até 10–12% de umidade, tratamento com boro, classificação, pré-fabricação e documentação.

São essas etapas, e não a planta, que decidem como uma superfície se comporta ao longo do tempo. É a diferença entre um material que envelhece ganhando pátina e outro que falha no terceiro ano.

A Tudubambusa existe para industrializar essa sequência sem perder a mão que trama o painel. Cada metro quadrado sai da fábrica cortado, furado, tratado, classificado e identificado, com origem, data de tratamento e número de lote no documento que o acompanha.

Este catálogo apresenta duas linhas: **Revestimentos e Superfícies** e **Estruturas e Cenografias**.



A product first, with a factory behind it

Um produto, com uma fábrica atrás dele
Un producto, con una fábrica detrás

Head office · Maringá, Paraná
Plantations · Botucatu, São Paulo
Brazil

EN

What we export is a **panel**. It leaves the factory cut, drilled, treated, graded and numbered, and it is sold by the physical module — square metres are a comparison figure, not the unit.

Behind that panel is the vertical integration of three operations: **Bambusa Atelier** (2015 — design, detailing and connection engineering), the know-how and legacy of **Tudubambu**, and **HBND** (technology, data and technical education).

ES

Lo que exportamos es un **panel**. Sale de fábrica cortado, perforado, tratado, clasificado y numerado, y se vende por módulo físico — los metros cuadrados son una referencia comparativa, no la unidad.

Detrás de ese panel está la integración vertical de tres operaciones: **Bambusa Atelier** (2015 — proyecto, detallado e ingeniería de conexiones), el know-how y legado de **Tudubambu**, y **HBND** (tecnología, datos y capacitación técnica).

PT

O que exportamos é um **painel**. Ele sai da fábrica cortado, furado, tratado, classificado e numerado, e é vendido por módulo físico — metro quadrado é referência comparativa, não unidade.

Atrás desse painel está a integração vertical de três operações: **Bambusa Atelier** (2015 — projeto, detalhamento e engenharia de conexões), o know-how e o legado da **Tudubambu**, e o **HBND** (tecnologia, dados e capacitação técnica).

THREE WAYS TO BE SUPPLIED · TRÊS CAMINHOS DE FORNECIMENTO · TRES CAMINOS DE SUMINISTRO

01

Industrialised line

Linha industrializada · Línea industrializada

Standard models, defined modules, production on confirmed order. This is the export product: predictable, repeatable, quotable by module.

02

Special panels

Painéis especiais · Paneles especiales

Compositions developed for the project — materiality, pagination, scale, relief. No fixed commercial module: quoted per m² of contracted area, from 60 m².

03

Solutions & services

Soluções e serviços · Soluciones y servicios

Design support, engineering, production planning, freight, installation and supervision. Scoped and priced separately — never automatic in the panel price.

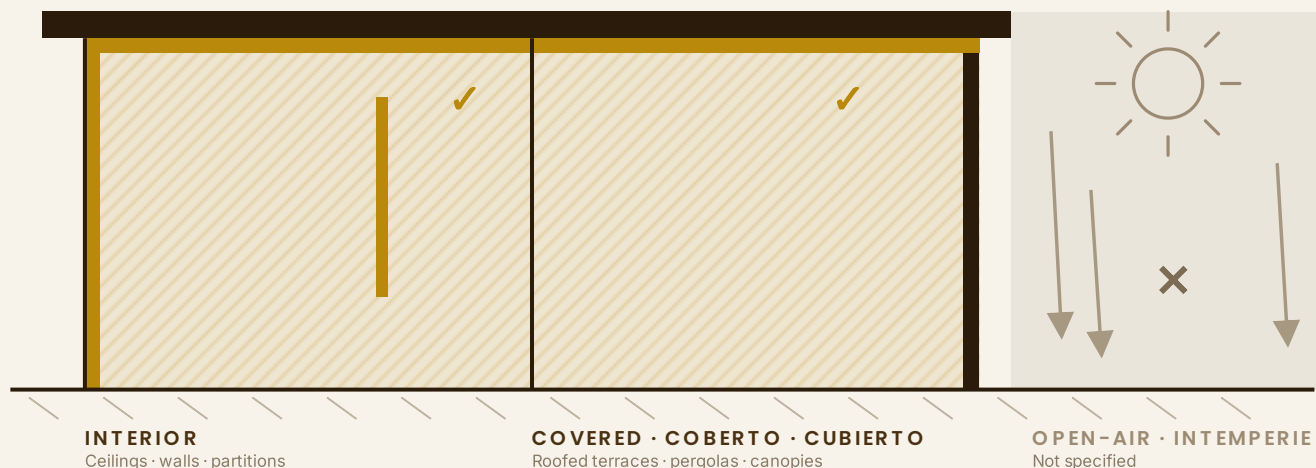


About the company →

Aluminium rails, cut to module and labelled by position, before the slats are fixed. The identification is what lets a container be unpacked in the right order on the far side.

Specified for interior and covered areas

Especificado para áreas internas e cobertas · Especificado para áreas interiores y cubiertas



EN

Specified for: interior environments and covered areas protected from direct rain and permanent solar exposure — ceilings and suspended ceiling islands, interior walls and feature panels, partitions and visual dividers, headboards, reception backdrops, bar and counter fronts, interior screens, covered terraces, roofed pergolas, canopies and gourmet areas.

Not specified for: façades and surfaces in permanent open-air exposure, or any application receiving direct rain and continuous ultraviolet radiation.

This is not a limitation we work around. It is the boundary within which boron-treated bamboo performs, and stating it plainly is what makes the specification defensible in front of a client, an architect or a customs authority.

ES

Especificado para: ambientes interiores y áreas cubiertas protegidas de la lluvia directa y de la exposición solar permanente — cielorrasos e islas suspendidas, paredes interiores y paneles de destaque, divisiones y separadores visuales, cabeceras, fondos de recepción, frentes de barra y mostrador, celosías interiores, terrazas cubiertas, pérgolas techadas, marquesinas y áreas gourmet.

No especificado para: fachadas y superficies en exposición permanente a la intemperie, ni aplicaciones que reciban lluvia directa y radiación ultravioleta continua.

No es una limitación que evitamos mencionar. Es el límite dentro del cual rinde el bambú tratado con boro, y declararlo con claridad es lo que hace defendible la especificación ante un cliente, un arquitecto o una aduana.

PT

Especificado para: ambientes internos e áreas cobertas, protegidas de chuva direta e de exposição solar permanente — forros e ilhas de forro suspenso, paredes internas e painéis de destaque, divisórias e separadores visuais, cabeceiras, fundos de recepção, frentes de bar e balcão, brises internos, varandas cobertas, pérgolas com cobertura, marquises e áreas gourmet.

Não especificado para: fachadas e superfícies em exposição permanente ao tempo, nem aplicações que recebam chuva direta e radiação ultravioleta contínua.

Não é uma limitação que contornamos. É o limite dentro do qual o bambu tratado com boro tem desempenho, e declará-lo com clareza é o que torna a especificação defensável diante de um cliente, de um arquiteto ou de uma autoridade aduaneira.

Boron. A mineral preservative, no heavy metals.

Tratamento com boro · Tratamiento con boro

Disodium octaborate tetrahydrate
Immersion · interior & covered use

EN

Our bamboo is treated with **disodium octaborate tetrahydrate** by immersion. The boron salt migrates into the cell structure of the culm, where it removes the starch pathway that fungi and boring insects depend on. It is not a surface coating; it is inside the fibre.

Boron is a low-toxicity mineral preservative. **No chromium. No arsenic. No copper. No heavy metals.** It does not off-gas, it does not stain adjacent finishes, and it does not restrict the material from occupied interiors — which is precisely why it is the preservative accepted for indoor use across the markets we export to.

Boron is water-diffusible: that property is what makes it excellent indoors, and what defines the boundary set out on the previous page. Every batch leaves with its **origin, species, cutting date, moisture reading, treatment date and batch number.**

ES

Nuestro bambú se trata con **octaborato de disodio tetrahidratado** por inmersión. La sal de boro migra hacia la estructura celular del culmo, donde elimina la vía del almidón de la que dependen hongos e insectos xilófagos. No es un recubrimiento superficial: está dentro de la fibra.

El boro es un conservante mineral de baja toxicidad. **Sin cromo. Sin arsénico. Sin cobre. Sin metales pesados.** No emite gases, no mancha los acabados contiguos y no restringe el material en interiores ocupados, razón por la cual es el conservante aceptado para uso interior en los mercados a los que exportamos.

El boro es difusible en agua: esa propiedad es la que lo hace excelente en interiores y la que define el límite de la página anterior. Cada lote sale con su **origen, especie, fecha de corte, humedad medida, fecha de tratamiento y número de lote.**

PT

Nosso bambu é tratado com **octaborato dissódico tetrahidratado** por imersão. O sal de boro migra para a estrutura celular do colmo, onde elimina a via do amido de que dependem fungos e insetos xilófagos. Não é revestimento de superfície: está dentro da fibra.

O boro é um preservativo mineral de baixa toxicidade. **Sem cromo. Sem arsênio. Sem cobre. Sem metais pesados.** Não emite gases, não mancha acabamentos vizinhos e não restringe o material em interiores ocupados — exatamente por isso é o preservativo aceito para uso interno nos mercados para os quais exportamos.

O boro é difusível em água: essa propriedade é o que o torna excelente em interiores e o que define o limite da página anterior. Cada lote sai com **origem, espécie, data de corte, umidade aferida, data de tratamento e número de lote.**

SIX CONTROLLED STAGES · SEIS ETAPAS CONTROLADAS · SEIS ETAPAS CONTROLADAS

01

Origin

Origem · Origen

Managed *mossô* plantations, Botucatu region. Species and maturity per application.

02

Drying

Secagem · Secado

Natural drying to 10–12% moisture, verified with a meter.

03

Boron

Tratamento · Tratamiento

Immersion in disodium octaborate, for interior and covered use.

04

Grading

Classificação · Clasificación

Grade A for fine surfaces; Grade B for structural use.

05

Prefabrication

Pré-fabricação · Prefabricación

Cut, drilled, finished, packed and batch-numbered.

06

Documentation

Documentação · Documentación

Origin record, treatment certificate, storage and assembly guides.

NEXT STEP · PRÓXIMO PASSO · SIGUIENTE PASO

Ask for the treatment declaration before you specify.

Peça a declaração de tratamento antes de especificar.
Pida la declaración de tratamiento antes de especificar.

WhatsApp →

E-mail →

THE PRODUCT · O PRODUTO · EL PRODUCTO

Panels & Brises

Painéis & Brises
Paneles & Brises

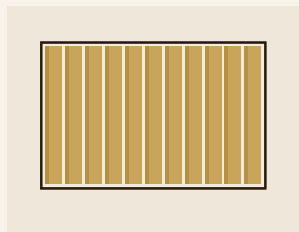
Sold by the physical module. Cut, drilled, boron-treated, graded and numbered before it leaves the factory, so that what arrives in the container is assembled, not manufactured, on site.

06 — 14

Painéis Bambusa 40

Painel ripado modular em bambu beneficiado
Panel de listones modular en bambú procesado

Slats 40 mm nominal · bark visible
Boron treatment · stain finish
Sold by physical module

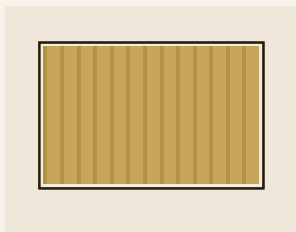


Spaced

Espaçado · Espaciado

11 slats · ~8 mm gap · wood rail ·
concealed fixing

Lighter, more organic read. The gap
lets the backing colour register as a
shadow line.

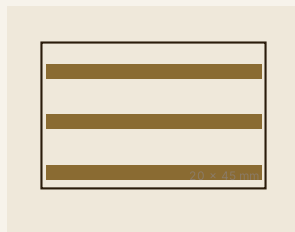


Continuous

Contínuo · Continuo

13 slats · no gap · wood rail ·
concealed fixing

Denser, closed read. More visual
presence, and the surface behaves
as one plane.

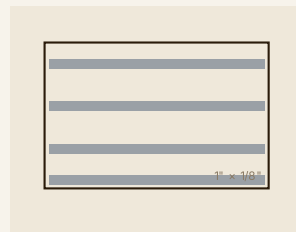


Wood rail

Guia de madeira · Guía de madera

20 × 45 mm · spaced or continuous

The standard backing. Fixed to the
supporting structure, then the panel
reads as a continuous surface.



Aluminium rail

Guia de alumínio · Guía de aluminio

1" × 1/8" · spaced version

For commercial and corporate
interiors, and wherever the backing
must be thinner and dimensionally
stable.

EN

Four decisions define the panel:
spaced or continuous, and **wood or
aluminium backing**. Everything else
— module, weave, finish, fire
treatment — sits on top of that choice.

Slats are 40 mm nominal width, three
faces planed, bark left visible. The
natural variation between culms is
part of the finished surface: it is what
separates a bamboo wall from a
printed laminate.

ES

Cuatro decisiones definen el panel:
espaciado o continuo, y **soporte de
madera o aluminio**. Todo lo demás —
módulo, trama, acabado, tratamiento
ignífugo — se apoya en esa elección.

Los listones tienen 40 mm de ancho
nominal, tres caras cepilladas y
corteza aparente. La variación
natural entre culmos es parte de la
superficie terminada: es lo que separa
una pared de bambú de un laminado
impreso.

PT

Quatro decisões definem o painel:
espaçado ou contínuo, e **suporte de
madeira ou alumínio**. Todo o resto —
módulo, trama, acabamento,
tratamento retardante — se apoia
nessa escolha.

As ripas têm 40 mm de largura
nominal, três faces aparelhadas e
casca aparente. A variação natural
entre colmos faz parte da superfície
acabada: é o que separa uma parede
de bambu de um laminado impresso.

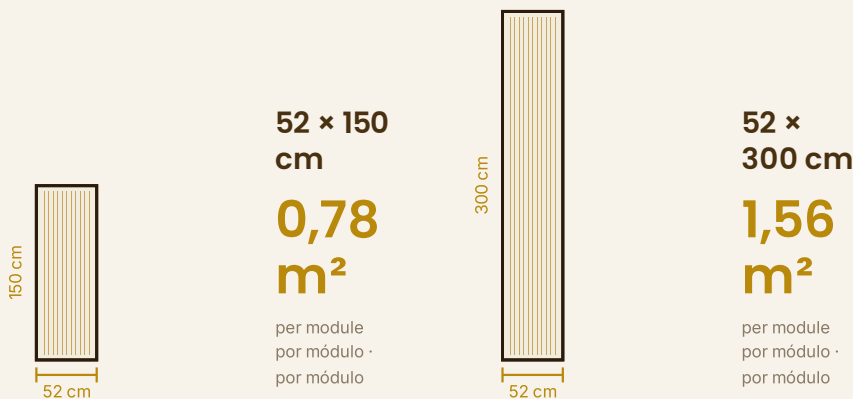
Not included in the standard panel: installation, pagination, supporting structure, field fasteners, design, technical responsibility (ART/RRT) or special adaptation — unless expressly contracted.

Não incluso no painel padrão: instalação, paginação, estrutura de apoio, fixadores de campo, projeto, ART/RRT ou adaptação especial, salvo quando expressamente contratado. · No incluido en el panel estándar: instalación, paginación, estructura de apoyo, fijadores de campo, proyecto, responsabilidad técnica o adaptación especial, salvo contratación expresa.

Two modules. One unit of sale.

Dois módulos, uma unidade de venda
Dos módulos, una unidad de venta

Production on confirmed order
Square metres for comparison only



COMMERCIAL BANDS

Under 60 m²

Condition for smaller projects and specific applications.

From 60 m²

Differentiated condition for higher-volume projects. Also the minimum for special panels.

EN

The panel is sold by the **physical module**, not by the square metre. That is not a commercial quirk — it is how the cost actually behaves: the 52 × 150 module carries about 20% more backing rail per square metre than the 52 × 300, so converting one to the other through an area figure gives you the wrong number.

Quantities are therefore defined by the modulation the project needs, and the invoiced area follows from it. We ask for the elevation, not for a total in m².

ES

El panel se vende por **módulo físico**, no por metro cuadrado. No es una rareza comercial: es cómo se comporta el costo. El módulo 52 × 150 lleva cerca de 20% más de guía por metro cuadrado que el 52 × 300, de modo que convertir uno en otro mediante un área da un número equivocado.

Las cantidades se definen por la modulación que el proyecto necesita, y el área facturada se deriva de ella. Pedimos el alzado, no un total en m².

PT

O painel é vendido por **módulo físico**, não por metro quadrado. Não é uma excentricidade comercial: é como o custo se comporta. O módulo 52 × 150 consome cerca de 20% mais guia por metro quadrado que o 52 × 300, de modo que converter um no outro por área entrega o número errado.

As quantidades são definidas pela modulação que o projeto pede, e a área faturada decorre dela. Pedimos a elevação, não um total em m².

MINIMUM ORDER · PEDIDO MÍNIMO · PEDIDO MÍNIMO

Channel	Minimum quantity	Equivalent area
Sample / small order Amostra · Muestra	2 × 52/300 or 4 × 52/150	3,12 m²
B2B standard · professional B2B padrão · profesional	8 × 52/300 or 16 × 52/150	12,48 m²
B2B2C · specifier Especificador · Especificador	14 × 52/300 or 28 × 52/150	21,84 m²
B2B volume · industrial batch Lote industrial · Lote	40 × 52/300 or 80 × 52/150	62,40 m²

Six formats, six paginations, one material

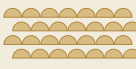
Seis formatos, seis paginações, um material
Seis formatos, seis paginaciones, un material

Everything we cut from the culm and every way we can lay it out

01 · FORMATS — WHAT WE CUT FROM THE CULM · FORMATOS · FORMATOS

 30 · 40 × 12 mm	 20 · 25 × 3 · 30 · 40 × 12 mm	 ½ Ø	 colmo · caña	 Ø 80 · 140 mm	 esteira · trama
Machined slat Ripa aparelhada · Listón cepillado Three faces planed, bark visible. The base unit of most claddings.	Natural slat Ripa natural · Listón natural Thinner section, with or without bark. Decorative and scenographic work.	Half-round Meia-cana · Media caña Culm split lengthwise. Convex face out: soft relief, moving shadow.	Inverted half-round Meia-cana invertida · Media caña invertida Concave face out. Catches light along the hollow instead of across the crown.	Round culm Colmo roliço · Caña entera Debarked and treated, hollow section. Screens, brises, feature elements.	Woven mat Esteira tramada · Estera trenzada Thin splits woven over-under. Reads as textile at three metres.

02 · PAGINATIONS — HOW IT IS LAID OUT · PAGINAÇÕES · PAGINACIONES

					
Vertical slats Ripas verticais · Listones verticales	Horizontal slats Ripas horizontais · Listones horizontales	Radial Radial · Radial	Shuffled Embaralhada · Barrajada	Fish-scale Escama de peixe · Escama de pez	Variable relief Relevo variável · Relieve variable

03 · APPLICATIONS — WHERE IT GOES · APLICAÇÕES · APLICACIONES

Ceilings & ceiling islands Forros e ilhas de forro	Interior walls & feature panels Paredes internas e painéis de destaque	Partitions & visual dividers Divisórias e separadores visuais	Headboards & reception backdrops Cabeceiras e fundos de recepção
Bar & counter fronts Frentes de bar e balcão	Interior screens & brises Brises internos	Covered terraces & roofed pergolas Varandas cobertas e pérgolas	Canopies & gourmet areas Marquises e áreas gourmet

EN

Any format can take any pagination, and the module on page 08 carries most of them. That combinatorial freedom is the whole argument: you are not choosing from a catalogue of finished looks, you are choosing a section and a rhythm.

ES

Cualquier formato admite cualquier paginación, y el módulo de la página 08 soporta la mayoría. Esa libertad combinatoria es todo el argumento: no se elige de un catálogo de acabados, se elige una sección y un ritmo.

PT

Qualquer formato aceita qualquer paginação, e o módulo da página 08 comporta a maioria delas. Essa liberdade combinatoria é o argumento inteiro: não se escolhe de um catálogo de acabamentos prontos, escolhe-se uma seção e um ritmo.

Full technical range and specification pages on the website · Gama técnica completa no site · Gama técnica completa en el sitio

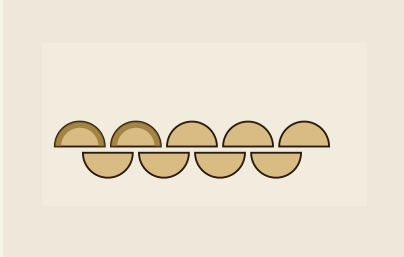
Claddings →

Components →

When the module is not the answer

Quando o módulo não é a resposta
Cuando el módulo no es la respuesta

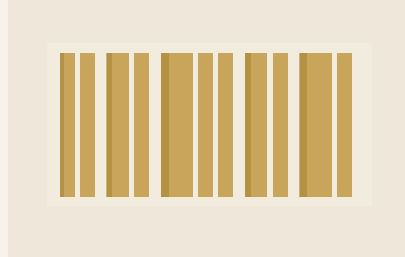
No fixed commercial module
Quoted per m² of contracted area
Minimum 60 m²



Half-round, inverted half-round, random slats

Meia-cana, meia-cana invertida, ripas aleatórias

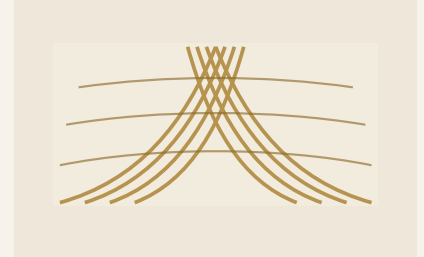
Compositions that work relief, orientation, rhythm and dimensional variation. The surface changes through the day because the shadow line moves across a curved section rather than a flat one.



Slats with exclusive pagination

Ripas com paginação exclusiva

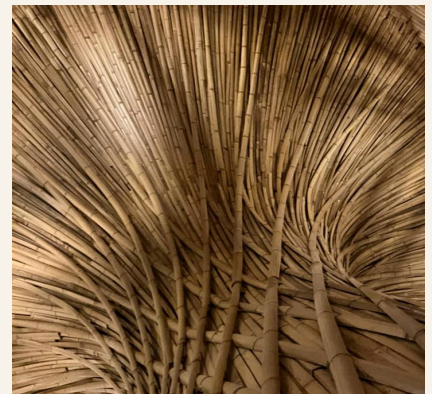
Sequence, spacing, modulation and visual drawing developed for one project. The rhythm is designed, not repeated — which is why it is quoted by area and not by module.



Alma panels, large format

Painéis Alma de grande porte

Special elements at larger scale, developed to the geometry, composition and conditions of the project. This is where the panel stops being a cladding and becomes the structure of the room.



MIXED WEAVE · MPG ALMAS DE BAMBU · VANARA BUBBLE, COLUMN-TO-CEILING JUNCTION

EN

Special panels have no fixed commercial module: each composition is developed to the project and quoted per m² of contracted area, from a 60 m² minimum. Price depends on drawing, density, modulation, bamboo selection, treatment, finish, backing, fixing, lead time and delivery point.

ES

Los paneles especiales no tienen módulo comercial fijo: cada composición se desarrolla para el proyecto y se cotiza por m² de área contratada, desde un mínimo de 60 m². El valor depende del diseño, densidad, modulación, selección del bambú, tratamiento, acabado, soporte, fijación, plazo y lugar de entrega.

PT

Painéis especiais não têm módulo comercial fixo: cada composição é desenvolvida para o projeto e orçada por m² de área contratada, a partir de 60 m². O valor depende de desenho, densidade, modulação, seleção do bambu, tratamento, acabamento, suporte, fixação, prazo e local de entrega.

Solar control that reads as material

Controle solar que se lê como material
Control solar que se lee como material

Round culm or slat section
Concealed surface fixing
Covered and sheltered positions



Round culm brise

Brise roliço · Brise rollizo

Debarked and treated culm, cylindrical, typically Ø 80–120 mm. Monumental presence: the cylinder reads against the human body in a way a rectangular section never does. The hollow section needs attention to fire behaviour, so flame-retardant treatment and a report are specified from the start where the building requires it.



Slat brise

Brise de ripas · Brise de listones

Rectangular section, 30 or 40 mm, on wood or aluminium rail. A finer line and more precise solar control: spacing and depth are set by the angle you need to cut, so the same elevation can be open at eye level and closed above it.

EN

A brise is not a screen bolted to a façade — it is a section chosen for an angle. Depth and spacing are set against the sun path of the site, so the same elevation can cut high summer sun and still keep the low winter sun and the view.

Fixing is concealed: a headless pin from the face, or screws behind the rail. No fastener reads on the finished surface. Holes are slotted rather than round, so the material can move with humidity without stressing the fixing.

ES

Un brise no es una celosía atornillada a una fachada: es una sección elegida para un ángulo. Profundidad y espaciado se definen contra la trayectoria solar del sitio. La fijación es oculta — perno sin cabeza desde la cara o tornillos tras la guía — y los agujeros son alargados para permitir el movimiento del material.

PT

Um brise não é uma tela parafusada numa fachada: é uma seção escolhida para um ângulo. Profundidade e espaçamento são definidos contra a trajetória solar do local. A fixação é oculta — pino sem cabeça pela face ou parafusos atrás da guia — e os furos são alongados para permitir o movimento do material.

Eight surfaces, one material

Oito superfícies, um material
Ocho superficies, un material

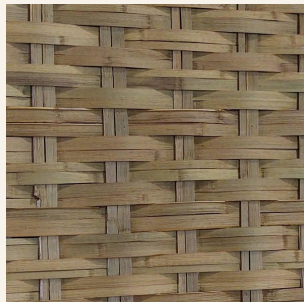
Photographed as delivered
Natural finish, no paint
Custom patterns to specification



Open lattice

Trama vazada · Trama calada

Round rods, square openings.
Filtered light, visual permeability.



Wide plain weave

Trama simples larga · Trama simple ancha

Broad splits, over-under. Even, calm surface with strong grain.



Fine plain weave

Trama simples fina · Trama simple fina

Narrow splits, tight rhythm. Reads almost as textile at distance.



Rod weave

Trama de varas · Trama de varas

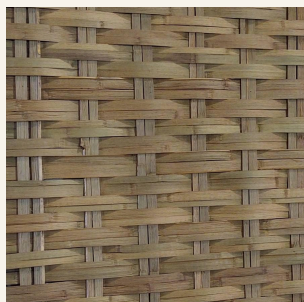
Round rods woven with splits.
Pronounced relief and shadow.



Mixed rod and split

Trama mista · Trama mixta

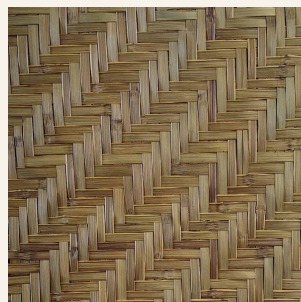
Alternating rod and split. Deep texture for feature surfaces.



Medium plain weave

Trama simples média · Trama simple media

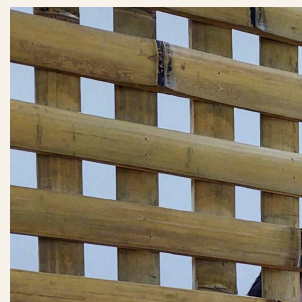
The reference weave for ceilings and ceiling islands.



Herringbone

Espinha de peixe · Espina de pez

Diagonal overlap. The surface changes as the light moves.



Wide lattice

Trama vazada larga · Trama calada ancha

Generous openings. Dividers and screens where air must pass.

EN

Weave is not decoration applied to a panel — it is the panel. Each pattern changes how light lands on the surface, how much air and sound pass through it, and how the room reads from across the space. Patterns beyond this library are produced to specification.

ES

La trama no es una decoración aplicada al panel: es el panel. Cada patrón cambia cómo incide la luz en la superficie, cuánto aire y sonido la atraviesan y cómo se lee la sala desde el otro extremo. Se producen patrones fuera de esta biblioteca bajo especificación.

PT

A trama não é decoração aplicada ao painel — ela é o painel. Cada padrão muda como a luz incide na superfície, quanto ar e som a atravessam e como o ambiente é lido de longe. Padrões fora desta biblioteca são produzidos sob especificação.

Product schedule

Tabela de produtos · Tabla de productos

Every reference: boron treatment by immersion
Interior and covered applications
Batch number and origin record supplied

Reference Referência · Referencia	Width mm Largura · Ancho	Thickness mm Espessura · Espesor	Length mm Comprimento · Longitud	Finish Acabamento · Acabado	Packing Embalagem · Embalaje	Application Aplicação · Aplicación
Woven panel · Tuldoide	1000	—	1500	Natural, unpainted	1.50 m² / panel	Ceilings, ceiling islands, feature walls
Woven panel · Áurea	1000	—	1500	Natural, unpainted	1.50 m² / panel	Reception, hospitality, experience areas
Bambusa 40 · spaced, wood back	520	≈12 (slat) / 45 (rail)	1500 · 3000	Natural or stain	0.78 · 1.56 m² / module	Interior cladding, visual dividers
Bambusa 40 · continuous, wood back	520	≈12 (slat) / 45 (rail)	1500 · 3000	Natural or stain	0.78 · 1.56 m² / module	Feature walls, headboards, halls
Bambusa 40 · spaced, aluminium back	520	≈12 (slat) / 25 (rail)	1500 · 3000	Natural or stain	0.78 · 1.56 m² / module	Commercial, corporate, hospitality
Architectural slat · Bambusa 30	30 ±1	12 ±1	3000 ±20	3 planed faces, bark visible	20 pcs · 60 lin. m	Panels, interior screens, joinery
Architectural slat · Bambusa 40	40 ±1	12 ±1	3000 ±20	3 planed faces, bark visible	20 pcs · 60 lin. m	Panels, linear compositions
Natural slat · with bark	20–25	3 ±1	3000 ±20	Natural, bark visible	20 pcs · 60 lin. m	Scenography, light decorative panels
Natural slat · debarked	20–25	3 ±1	3000 ±20	Natural, debarked	20 pcs · 60 lin. m	Decorative compositions, craft work
Natural slat · with bark, wide	30–40	12 ±2	3000 ±20	Natural, bark visible	20 pcs · 60 lin. m	Robust natural cladding, scenography
Round culm	Ø 80–100 · 100–120 · 120–140	wall per culm	3000 · 6000 ±100	Natural treated, unpainted	per piece	Interior screens, roofed pergolas

Tolerances

Tolerâncias · Tolerancias

Factory-cut components hold their nominal dimension within the stated deviation. Bamboo is a natural material: colour varies between culms and between batches, and that variation is part of the finished surface, not a defect.

Moisture at dispatch

Umidade na expedição · Humedad

10–12%, verified with a moisture meter before treatment. Material should be stored flat, off the ground, in a dry ventilated space and acclimatised on site before installation.

Custom specification

Especificação sob medida · A medida

Dimensions, weave patterns, module sizes, panel sequencing and flame-retardant treatment are produced to project specification. Send the drawing; we return the schedule.

EN
Not included in supply: freight, unloading, installation, supporting structure, fixing accessories, design and technical responsibility, unless contracted separately.

ES
No incluido en el suministro: flete, descarga, instalación, estructura de apoyo, accesorios de fijación, proyecto y responsabilidad técnica, salvo contratación aparte.

PT
Não incluso no fornecimento: frete, descarga, instalação, estrutura de apoio, acessórios de fixação, projeto e responsabilidade técnica, salvo contratação à parte.



PACKING & DISPATCH · EMBALAGEM E EXPEDIÇÃO · EMBALAJE Y EXPEDICIÓN

It leaves as a kit, not as material

Sai como kit, não como material · Sale como kit, no
como material

Packed by sequence, not by type
Batch number on every package

EN

Panels ship face to face, protected and palletised; rails go cut to module and labelled by position; slats travel in closed packs of 20 (60 linear metres); culms are bundled by diameter range.

Every package carries its batch number and its place in the assembly. That is the difference between a container of bamboo and a container that can be unloaded straight into a sequence.

ES

Los paneles se embarcan cara con cara, protegidos y paletizados; las guías van cortadas a módulo y etiquetadas por posición; los listones viajan en paquetes cerrados de 20 (60 metros lineales); los culmos se atan por rango de diámetro.

Cada bulto lleva su número de lote y su lugar en el montaje. Esa es la diferencia entre un contenedor de bambú y un contenedor que se descarga directo en secuencia.

PT

Os painéis embarcam face a face, protegidos e paletizados; as guías vão cortadas no módulo e etiquetadas por posição; as ripas viajam em pacotes fechados de 20 (60 metros lineares); os colmos são amarrados por faixa de diâmetro.

Cada volume leva seu número de lote e seu lugar na montagem. É a diferença entre um contêiner de bambu e um contêiner que se descarrega direto em sequência.

Panels

Painéis · Paneles

Face to face, interleaved, palletised and strapped. Marked with module, version and position.

Rails

Guías · Guías

Wood or aluminium, cut to module, bundled and labelled by position in the elevation.

Slats & culms

Ripas e colmos · Listones y cañas

Closed packs of 20 (60 lin. m). Culms bundled by diameter range, 3,0 or 6,0 m.

Paperwork

Documentos · Documentos

Packing list by module and batch, origin record, treatment declaration, storage and assembly guides.

NEXT STEP · PRÓXIMO PASSO · SIGUIENTE PASO

**Send the elevation.
We return the module schedule.**

Envie a elevação. Devolvemos a tabela de módulos.
Envíe el alzado. Devolvemos la tabla de módulos.

WhatsApp →

E-mail →

Panels on the site →

APPLICATIONS · APLICAÇÕES · APLICACIONES

The panel, built

O painel, construído
El panel, construido

Nine works where slats, half-round and culm were specified, manufactured and assembled. Read them as evidence of what the panel can do — not as a claim that every one of them is a standard-line application.

15 — 17

Five works in slat, culm and weave

Cinco obras em ripa, colmo e trama
Cinco obras en listón, caña y trama

Slats · half-round · round culm

Woven panels · brises · ceilings

Every project links to its case study · PT · EN · ES



TOCTAO / InCasa Residence

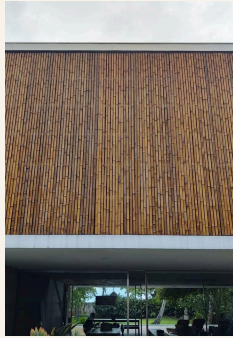
Caldas Novas, Goiás · +3.000 m²

Large-area bamboo cladding delivered as a prefabricated panel system. Panels arrived cut, drilled, treated and numbered; on site the work was engagement and a concealed screw. Moving the complexity to the factory is what made the programme possible at this area.

Slat panel system · prefabricated

[Case study →](#)

PT · EN · ES



Ícone MK27

Marcio Kogan · MK27 · restoration

Bamboo cladding installed in 2009 and restored fifteen years later. The technical finding at restoration was that structural integrity held and the surface had gained patina. New bamboo was aged in a chamber to match, and only what needed replacing was replaced.

Slat cladding · long service life

[Case study →](#)

PT · EN · ES



MPG Almas de Bambu

Sculptural composition

An Alma panel at building scale: geometry, density and rhythm developed for one elevation. This is the far end of the special-panel range, where the composition is drawn rather than modulated.

Alma panel · large format

[Case study →](#)

PT · EN · ES



Casa Iporanga

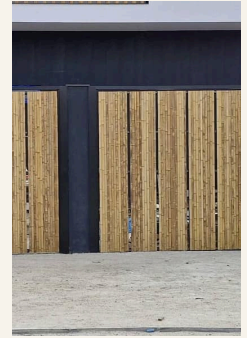
Iporanga, São Paulo · Atlantic forest

Woven bamboo between white structural beams over a covered veranda, in dense forest with high humidity all year. The environment that punishes untreated bamboo is precisely the one the boron protocol plus ventilation behind the panel is designed for.

Woven ceiling · covered veranda

[Case study →](#)

PT · EN · ES



Casa Bombinhas

Bombinhas, Santa Catarina · coastal

Round-culm brise on a seafront elevation. The floor was waterproofed and could not be drilled, which is what led to the concealed surface fixing system — a constraint that produced a detail we now use everywhere.

Round-culm brise · concealed fixing

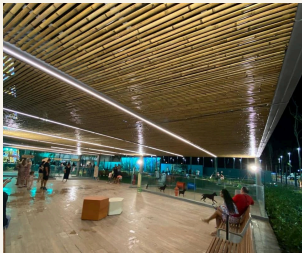
[Case study →](#)

PT · EN · ES

Ceilings, promenades and one that leaves no bamboo

Forros, promenades e uma que não deixa bambu
Cielorrasos, promenades y una que no deja bambú

Slats · half-round · round culm
Woven panels · brises · ceilings
Every project links to its case study · PT · EN · ES



Parcão Multiplan

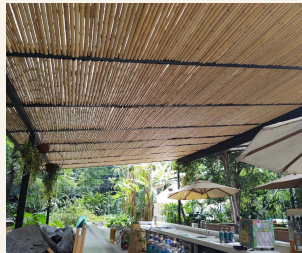
Shopping centre · covered promenade

A slat ceiling along the full length of a covered promenade, with linear lighting integrated into the bay rhythm. Large continuous areas are where the prefabricated system pays for itself: installation runs at up to 85 m² per day.

Slat ceiling · integrated lighting

[Case study →](#)

PT · EN · ES



Capim Santo

Restaurant · covered dining terrace

Woven bamboo under a roof structure, specified for thermal comfort as much as for appearance: the layer breaks direct heat gain before it reaches the diners below.

Woven ceiling · thermal comfort

[Case study →](#)

PT · EN · ES



Museu da Casa e Cultura Japonesa

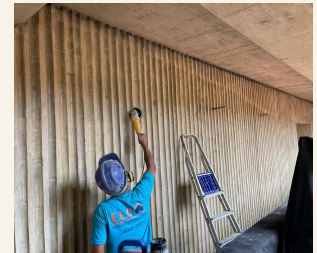
Brazil-Japan · museum

Woven panels hung as discrete islands with a cove-lit reveal between panel and slab. A public building, so fire performance was in the specification from the first drawing rather than resolved afterwards.

Suspended woven ceiling · fire specified

[Case study →](#)

PT · EN · ES



Formas de concreto

Bamboo-imprinted concrete

Here the bamboo never stays in the building: culms are used as formwork, and what remains is their imprint in the concrete. The same stock is reused across pours, which turns a cladding budget into a surface that needs no maintenance at all.

Bamboo formwork · reusable

[Case study →](#)

PT · EN · ES

EN

These images are a visual repertoire of bamboo in use. Not all of them represent an automatic application of the standard Bambusa 40 line: several were executed as special panels or under project-specific exposure conditions, and any external application depends on technical analysis and a specific proposal.

ES

Estas imágenes son un repertorio visual del bambú en uso. No todas representan una aplicación automática de la línea estándar Bambusa 40: varias se ejecutaron como paneles especiales o bajo condiciones de exposición específicas del proyecto, y toda aplicación externa depende de análisis técnico y propuesta específica.

PT

Estas imagens apresentam repertório visual do bambu em uso. Nem todas representam aplicação automática da linha padronizada Bambusa 40: várias foram executadas como painéis especiais ou sob condições de exposição específicas do projeto, e toda aplicação externa depende de análise técnica e proposta específica.

NEXT STEP · PRÓXIMO PASSO · SIGUIENTE PASO

Which of these is closest to your project?

Qual destes está mais perto do seu projeto?
¿Cuál de estos se acerca más a su proyecto?

[WhatsApp →](#)

[E-mail →](#)

[All case studies →](#)

EXECUTION CAPABILITY · CAPACIDADE DE EXECUÇÃO · CAPACIDAD DE EJECUCIÓN

What the factory can be asked to do

O que se pode pedir à fábrica
Lo que se le puede pedir a la fábrica

Double-curved vaults, radial ceilings, multi-storey screens, lighting objects, city-scale structures. None of these are the export line — they are the reason to trust the export line.

18 — 21

Two vaults that could not be repeated

Duas abóbadas que não podiam se repetir
Dos bóvedas que no podían repetirse

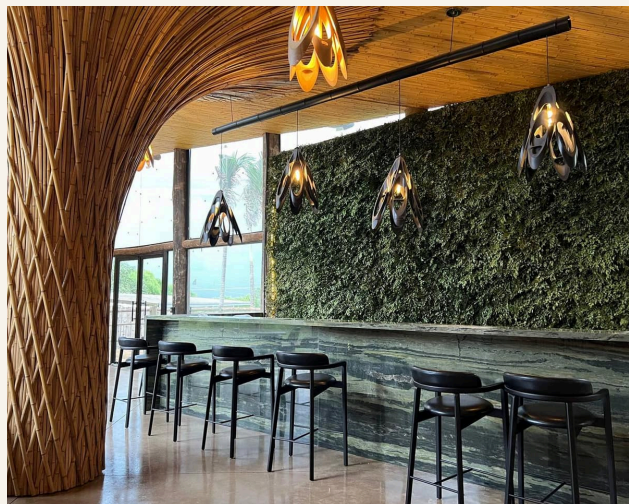
Double curvature · variable weave density
Modules numbered to position



Cidade Matarazzo

São Paulo · bar and restaurant · toroidal woven vault

A toroidal vault over an occupied room. Every module changes dimension as it travels around the ring, so nothing could be cut to a single repeated size. Woven in the workshop, mounted on a curved frame in sequence, each piece numbered to its position — which is what allows a ceiling of this complexity to be built above a finished interior.



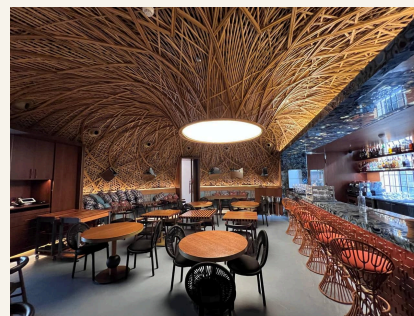
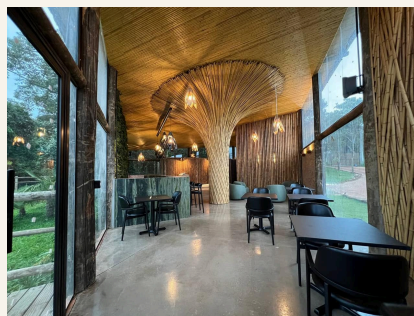
Vanara Bubble

Restaurant and bar · woven vault on flared columns

Surface and structure are the same thing: the columns rise and open like a canopy, and the weave that forms the column keeps running across the ceiling without a joint. The density of the weave has to change as the radius grows, or the pattern tears open at the top of the flare.

Case study →

PT · EN · ES



CONE MAKOTO, RADIAL SLAT CEILING, APPROVED FOR FIRE CERTIFICATION (AVCB) · VANARA BUBBLE · CIDADE MATARAZZO

Case study →

PT · EN · ES

EN

Neither of these is a catalogue product, and neither could be shipped as one. They are here because the same factory, the same treatment protocol and the same numbering discipline produce the panel on page 07.

ES

Ninguna de las dos es un producto de catálogo, y ninguna podría embarcarse como tal. Están aquí porque la misma fábrica, el mismo protocolo de tratamiento y la misma disciplina de numeración producen el panel de la página 07.

PT

Nenhuma das duas é produto de catálogo, e nenhuma poderia ser embarcada como tal. Estão aqui porque a mesma fábrica, o mesmo protocolo de tratamento e a mesma disciplina de numeração produzem o painel da página 07.

Retail, housing, museum, design object

Varejo, moradia, museu, objeto de design
Retail, vivienda, museo, objeto de diseño

Same slat, four scales
From a lamp to a façade

Every project links to its case study · PT · EN · ES



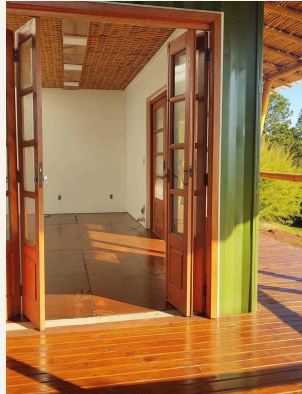
Loja Lider · Tetum

Belo Horizonte, Minas Gerais · retail façade

A bamboo screen across a multi-storey retail elevation, assembled from scaffolding. The scale of the piece and the constraints of an occupied street were the whole problem.

[Case study →](#)

PT · EN · ES



EcoCasa

Residential prototype · covered veranda

A container prototype where the bamboo does the softening: a woven soffit over the deck, carried through to the eave, turning a metal box into a room you want to sit outside of.

[Case study →](#)

PT · EN · ES



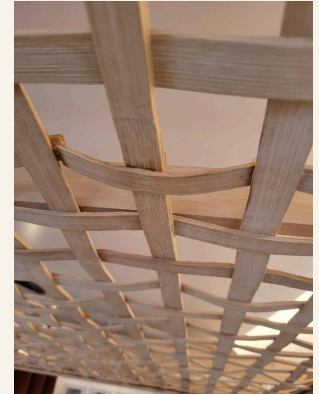
Luminária Ninho

Studio Objeto · Arthur Casas · lighting object

A woven sphere built from the same slats that clad a wall, at another scale. Design studios come to us for the weave itself, not for a building.

[Case study →](#)

PT · EN · ES



Museu da Casa e Cultura Japonesa

Museum · suspended ceiling islands

Woven panels hung with a cove-lit reveal between panel and slab, in a public building where fire performance was specified from the first drawing.

[Case study →](#)

PT · EN · ES

EN

The reason to show a lamp next to a façade is that they are made from the same stock, by the same hands, under the same treatment record. A buyer specifying a panel is buying that continuity, not a single product line.

ES

La razón para mostrar una lámpara junto a una fachada es que están hechas del mismo material, por las mismas manos, bajo el mismo registro de tratamiento. Quien especifica un panel compra esa continuidad, no una sola línea de producto.

PT

A razão para mostrar uma luminária ao lado de uma fachada é que são feitas do mesmo material, pelas mesmas mãos, sob o mesmo registro de tratamento. Quem especifica um painel compra essa continuidade, não uma linha de produto isolada.



SCENOGRAPHY · CENOGRÁFIAS · ESCENOGRÁFIAS

City-scale structures

Estruturas em escala urbana · Estructuras a escala urbana

Paraná, Brazil
Municipal Christmas commissions
2023 — 2025

Project Projeto · Proyecto	Location Local · Ubicación	Scope Escopo · Alcance	Material Material · Material	Result Resultado · Resultado
Maringá Encantada 2023	Maringá, Paraná	Portals, tunnel, dome, sculptural set	22,2 t bamboo	295 t CO ₂ e avoided
Maringá Encantada 2024	Maringá, Paraná	Reassembly and extension of the 2023 set	8,9 t bamboo	Reuse-led edition
Natal dos Pioneiros 2024	Cascavel, Paraná	Tunnel, gift boxes, sculptural pieces	—	Municipal commission
Natal dos Pioneiros 2025	Cascavel, Paraná	Tunnel, nativity, garden set	—	57,6 t CO ₂ e avoided
Natal de Foz do Iguaçu 2025	Foz do Iguaçu, Paraná	Urban installation, lit structures	—	103 t CO ₂ e avoided

EN

Portals, tunnels, domes and sculptural sets for municipal commissions — engineered to NBR 16828-1:2020, joints held to ± 2 mm, every piece numbered to its position and designed to be dismantled, stored and reassembled. Public work is where the documentation matters most, and the life-cycle assessment follows ISO 14040, 14044 and 14067.

ES

Portales, túneles, domos y conjuntos escultóricos para obras municipales — con ingeniería según NBR 16828-1:2020, juntas a ± 2 mm, cada pieza numerada por posición y diseñada para desmontarse, almacenarse y remontarse. El análisis de ciclo de vida sigue ISO 14040, 14044 y 14067.

PT

Portais, túneis, domos e conjuntos escultóricos para obras municipais — engenharia conforme NBR 16828-1:2020, juntas a ± 2 mm, cada peça numerada por posição e projetada para ser desmontada, armazenada e remontada. A avaliação de ciclo de vida segue ISO 14040, 14044 e 14067.

NEXT STEP · PRÓXIMO PASSO · SIGUIENTE PASO

Bring us the drawing that does not fit a catalogue.

Traga o desenho que não cabe num catálogo.
Tráiganos el dibujo que no cabe en un catálogo.

WhatsApp →

E-mail →

Structures →

Every project here has a documented case

Cada projeto daqui tem um case documentado
Cada projecto aquí tiene un caso documentado

Scan or click · escaneie ou clique
Same case, three languages

URL pattern. The slug never changes — only the language prefix does. **PT** tudubambusa.com.br/estudos-de-caso/slug
· **EN** tudubambusa.com.br/en/estudos-de-caso/slug · **ES** tudubambusa.com.br/es/estudos-de-caso/slug

Os QR codes apontam para a versão em inglês. · Los códigos QR llevan a la versión en inglés.



TOCTAO / InCasa Residence

Caldas Novas, GO · painel pré-fabricado

PT · EN · ES p. 16



Ícone MK27

Marcio Kogan · restauração, 15 anos

PT · EN · ES p. 16



MPG Almas de Bambu

Painel Alma de grande porte

PT · EN · ES p. 16



Casa Iporanga

Mata atlântica · varanda coberta

PT · EN · ES p. 16



Casa Bombinhas

Litoral · brise roliço, fixação oculta

PT · EN · ES p. 16



Parcão Multiplan

Promenade coberta · 85 m²/dia

PT · EN · ES p. 17



Capim Santo

Terraço coberto · conforto térmico

PT · EN · ES p. 17



Museu da Casa e Cultura Japonesa

Museu · forro modular, AVCB

PT · EN · ES p. 17



Formas de concreto

Bambu como fôrma, reaproveitado

PT · EN · ES p. 17



Vanara Bubble

Coluna em copa · trama contínua

PT · EN · ES p. 19



Cone Makoto

Forro radial · aprovado no AVCB

PT · EN · ES p. 19



Loja Lider · Tetum

Belo Horizonte · fachada em tela

PT · EN · ES p. 20



EcoCasa

Protótipo em container · varanda

PT · EN · ES p. 20



Luminária Ninho

Studio Objeto · Arthur Casas

PT · EN · ES p. 20



Cascavel 2025

Cenografia · 57,6 t CO₂e evitado

PT · EN · ES p. 21



Foz do Iguaçu 2025

Cenografia · 103 t CO₂e evitado

PT · EN · ES p. 21



Bambu vs. aço — pegada de carbono

ACV comparativa · ISO 14040/44/67

PT · EN · ES p. 22

EN

The catalogue makes a claim in three lines; the case study shows the drawing, the protocol and the result. Where a page here cites a figure — an installation rate, a tonne of CO₂e, a fire certification — the case behind it is one scan away.

ES

El catálogo afirma en tres líneas; el estudio de caso muestra el dibujo, el protocolo y el resultado. Donde una página cita una cifra — un ritmo de instalación, una tonelada de CO₂e, una certificación al fuego — el caso está a un escaneo de distancia.

PT

O catálogo afirma em três linhas; o estudo de caso mostra o desenho, o protocolo e o resultado. Onde uma página cita um número — um ritmo de instalação, uma tonelada de CO₂e, uma certificação ao fogo — o case está a um scan de distância.

What travels with the material

O que viaja junto com o material
Lo que viaja junto al material

Every batch · every shipment
Issued before delivery, not after

Origin record

Registro de origem · Registro de origen

Plantation, species, maturity and cutting date for the culms in the batch.

Treatment declaration

Declaração de tratamento · Declaración

Active substance, method, date and moisture reading. States the absence of chromium, arsenic and copper.

Batch traceability

Rastreabilidade · Trazabilidad

Batch number on the packing and on the document, so a surface can be traced back years later.

Packing list

Lista de embalagem · Lista de embalaje

By module, version and batch, with the assembly sequence and the position key for every package.

Fire performance report

Laudo ao fogo · Informe al fuego

Where flame-retardant treatment is specified, the test report is issued before installation.

Life-cycle assessment

Avaliação de ciclo de vida · ACV

Comparative LCA following ISO 14040, ISO 14044 and ISO 14067.

Storage & assembly guides

Guias · Guías

How to keep the material on arrival — flat, off the ground, dry, ventilated — and how to assemble it.

Technical responsibility

Responsabilidade técnica · Responsabilidad

ART/RRT by a licensed professional, referenced to NBR 16828-1:2020, when the scope includes it.

Destination paperwork

Documentos por destino · Documentos

Export documentation, including phytosanitary requirements, is prepared per market. The treatment declaration names the active substance, which is what an importing authority asks for first.

Commercial terms

Condições comerciais · Condiciones

Prices, Incoterms, lead times and freight are quoted per destination and per volume. Send the elevation or the schedule of quantities and we return a costed specification, not a price list.

Scope of supply

Escopo de fornecimento · Alcance

The panel price covers the panel. Freight, unloading, installation, supporting structure, field fasteners, design and technical responsibility are scoped and contracted separately.

EN

A supplier who cannot show you the origin of the culm, the date it was treated and the batch it came from is asking you to take the surface on trust. In a private interior that is a risk. In a public commission or an export shipment it is a stop.

ES

Un proveedor que no puede mostrar el origen del culmo, la fecha de tratamiento y el lote le está pidiendo que acepte la superficie por confianza. En un interior privado eso es un riesgo. En una obra pública o un embarque de exportación es una parada.

PT

Um fornecedor que não mostra a origem do colmo, a data de tratamento e o lote está pedindo que você aceite a superfície por confiança. Num interior privado isso é risco. Numa obra pública ou num embarque de exportação, é uma parada.

NEXT STEP · PRÓXIMO PASSO · SIGUIENTE PASO

**Tell us the destination.
We prepare the paperwork.**

Diga o destino. Preparamos a documentação.
Díganos el destino. Preparamos la documentación.

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