

The Process of Fused Bamboo



4-6 years old stalks cut from natural bamboo forest



Cut into length, split into stripes and deskined

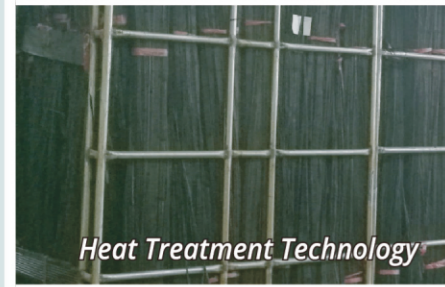


dassoXTR

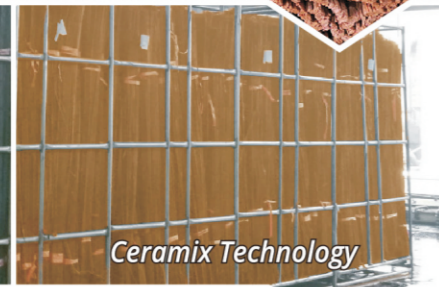
Crushed into strands



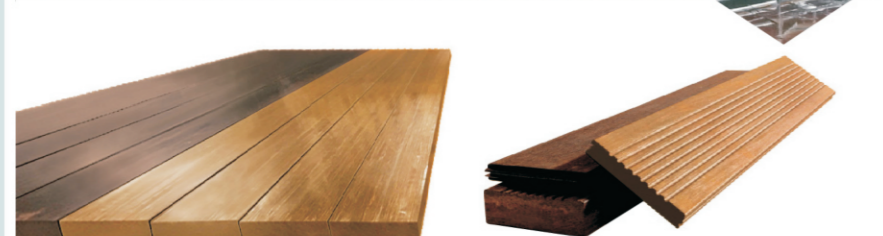
dassoCTECH



Heat Treatment Technology



Ceramix Technology



Fused into panels & cut into size



Boards are primed and packaged

dassoXTR dassoCTECH for Exterior Use

Through its patented "heat treatment" technology, dasso processes fused bamboo into dassoXTR for exterior use in classic "Espresso" color; With the application of Ceramix Technology, dassoCTECH exterior materials have wonderful performance outdoor while retaining the original color - Cognac. Both dassoXTR and dassoCTECH can be processed into decking, cladding, soffit, fence, lumber and panel, which are widely used in commercial and residential projects.



Anantara Resort in Maldives



Private House in Sandy Spring, GA, USA



Metro Police Nashville Davidson County in USA



Changchun Culture of Water Ecology Park in China



Club at Shanghai China



Residential in Jilin China



School in Hebei China



CBD in Beijing China

Fused Bamboo (dassoXTR & dassoCTECH) is applicable in different Area, Local, Region, District with distinct climate, atmosphere situation.

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Local Contact

Global Innovator of Bamboo Products
dasso

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Sustainable
Durable
Luxurious
Innovative

2 OPTIONS AVAILABLE



25 - Year Limited Warranty

Over 10,000,000M² Installed Worldwide

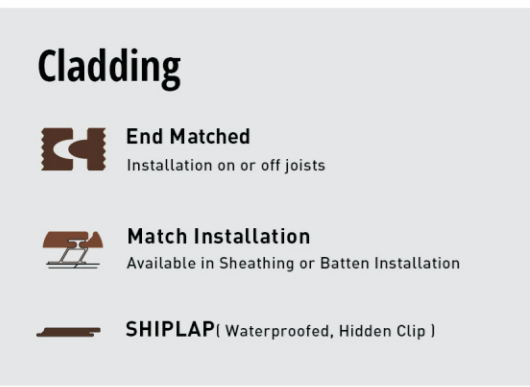
DECKING | CLADDING | FENCE
SOFFIT | LUMBER & PANELS

dassoXTR & dassoCTECH Product Range



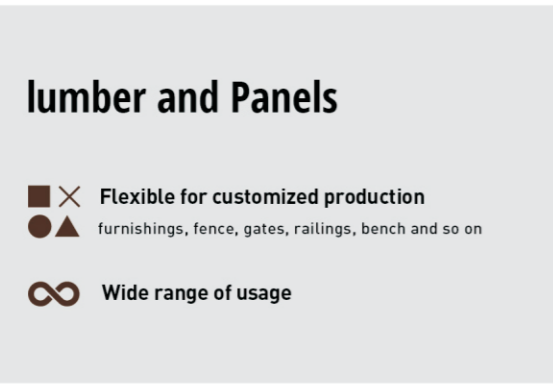
Decking

- End Matched**
Installation on or off joists, increase installation efficiency over 30%
- Reversible Faces**
Customer choice for SMOOTH or REEDED surface
- 2-Side Grooved**
Use Hidden Fasteners, the gape is 4mm after installed



Cladding

- End Matched**
Installation on or off joists
- Match Installation**
Available in Sheathing or Batten Installation
- SHIPLAP** (Waterproofed, Hidden Clip)



Lumber and Panels

- Flexible for customized production**
furnishings, fence, gates, railings, bench and so on
- Wide range of usage**

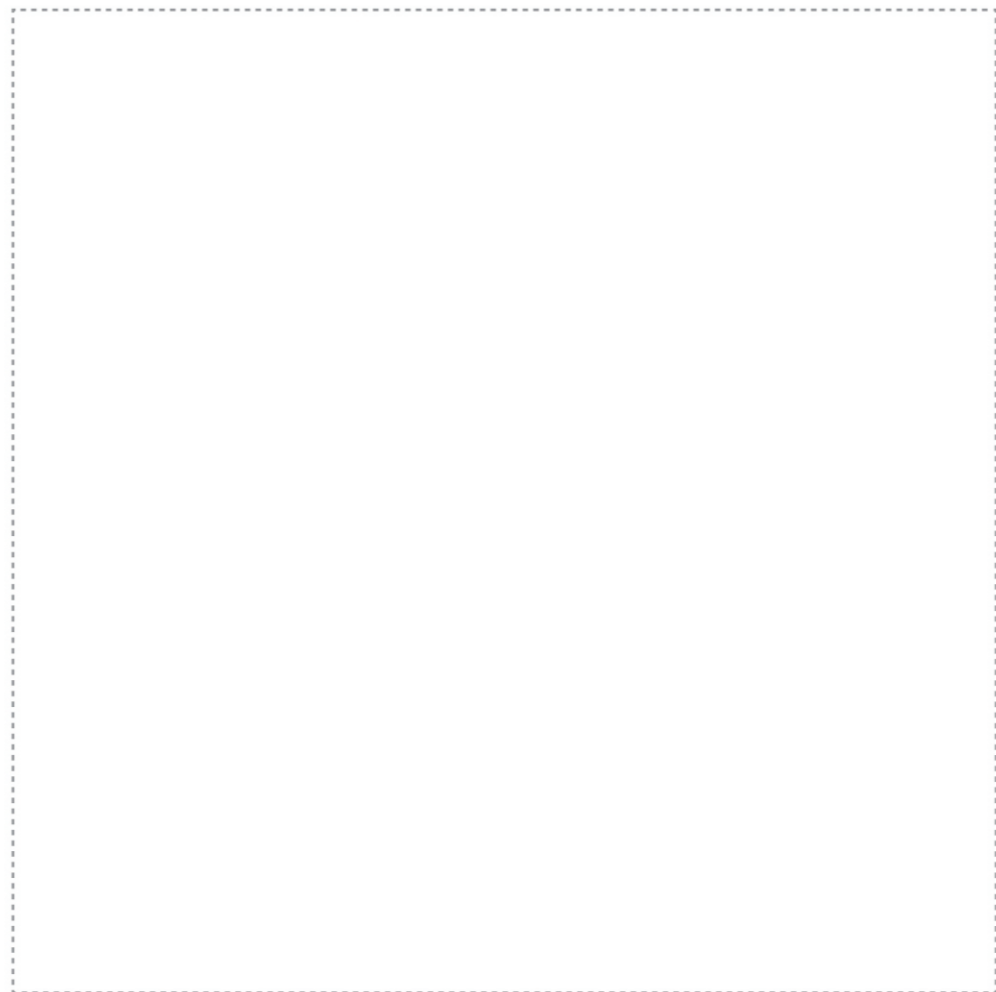
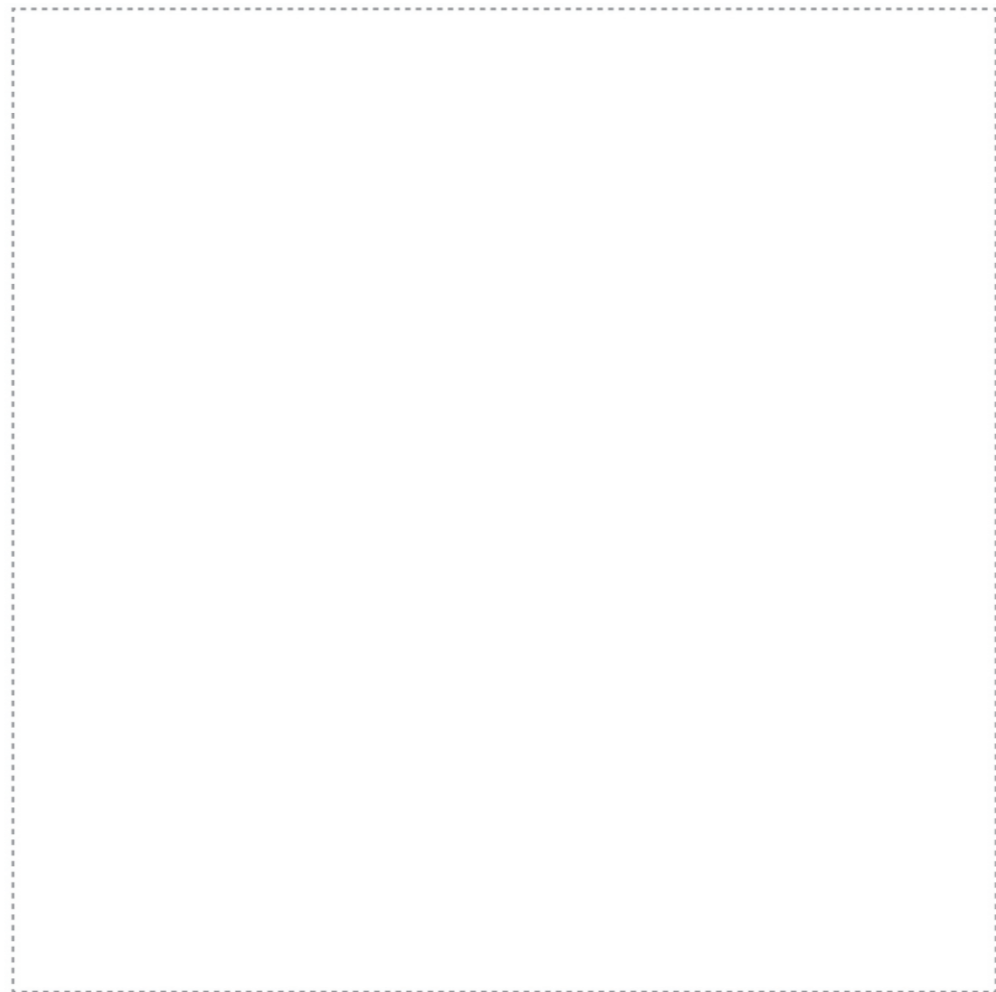


Soffit

- End Matched**
Installation on or off joists
- Match Installation**
Simple, easy hidden fastener system
- SHIPLAP** (Waterproofed, Hidden Clip)

Benefits

- Hard & Durable
- Fire Resistance
- Termite Resistance
- Mould Resistance
- Stable & Precise
- Environment Friendly



Grains and Colors

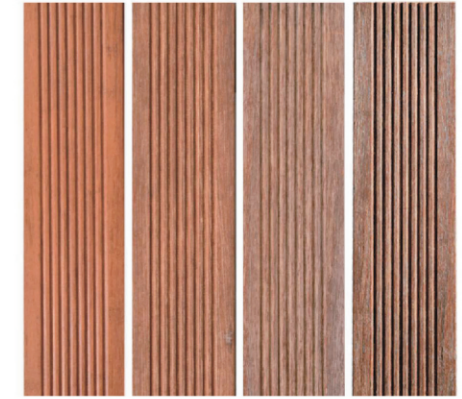
Fused Bamboo (dassoXTR and dassoCTECH) are natural product, its appearance may vary in grains and colors. When exposed under the natural sunlight over time, the appearance and color may change depending on the extent of UV light exposed to the material. The boards originally have a dark brown color in multiple hues, which will lighten up over several weeks or months. The board's color without regular maintenance will eventually grey out to a nice silver patina just like any hardwood exposed to sunlight. If a brown color is preferred, maintenance should be done with an exterior penetrating oil. Stains could be added to the penetrating oil to achieve a desired color of the finish product.

dassoXTR



New 6 Months 18 Months Maintenance

dassoCTECH



New 6 Months 18 Months Maintenance

Normal Phenomena

Checks and cracks on the surface and on the ends of the boards can arise from the different drying characteristics of the surface and cross-cut ends. This does not affect the structural soundness of the boards.

Fused Bamboo vs Other Decking Materials

Competitive Material	dassoCTECH	dassoXTR	Ipe	Balau(Bangkirai)	Teak	Meranti Batu	Western Red Cedar
Density(kg/m ³)	1,200	1,100	1,060	850	655	480	370
Stiffness MOE(MPa)	16,700	14,490	22,070	16,950	11,280	11,390	7,660
Janka Hardness(N)	17,659	16,992	15,620	7,120	4,740	2,460	1,560
Durability(Class)	1	1	1-2	2	1-3	3-4	2
Shrinkage(thickness%)	3.7	1.9	7.2	10.1	5.3	8.8	5

Project Reference - Tourism College of Zhejiang(Qiandao Lake Campus)



Installed in 2013



After 5 years