

GREEN · BAMBOO · DASSO



We are facing a significant global warming and rapid depletion of resources. It is our duty and responsibility to choose green and renewable resources and reduce carbon emissions.

ATMOSPHERE Carbon remains stored when bamboo fiber is recycled CARBON-NEUTRAL BIOENERGY is produced from mill and bamboo forest residues CARBON IS EMITTED BAMBOO FOREST ABSORB CO² (18.68t/hm2/year) BAMBOO FOREST ABSORB CO² (18.68t/hm2/year)

SUSTAINABLE LIFE CYCLE OF BAMBOO PRODUCTS

Growing bamboo forests absorb carbon and release oxygen



BAMBOO FOREST

- -Bamboo is propagating by its own root. -The underground roots system conserve water and prevent soil erosion.
- -Dasso owns FSC certified bamboo forests.



-Bamboo takes only 4-6 years to mature to industrial use
-Dasso harvests from legal resources which

-Dasso harvests from legal resources which passed EUTR due diligence system. -Selecting harvest (20 plants/hectare/year) without destroying the whole forest.



END OF LIFE

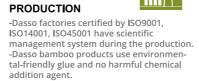
-Since bamboo is a biobase organic material, it is biodegradable. It can be buried for natural disintegration.

-It can be used as biofuel to produce energy like electricity.



-Up to 85% raw material use ratio, different sections are used to make various products. -Dasso bamboo products are fully tested by EU/ North America/Australia standards on durability, stability, fire resistance, slip resistance, and etc.









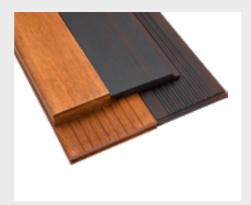
dasso Traditional Bamboo EPD No.: S-P-01925



dasso Strand Woven Bamboo EPD No.: S-P-01926



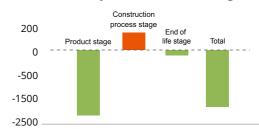
dasso Ecosolid Bamboo EPD No.: S-P-01927



dassoXTR and dassoCTECH EPD No.: S-P-01928

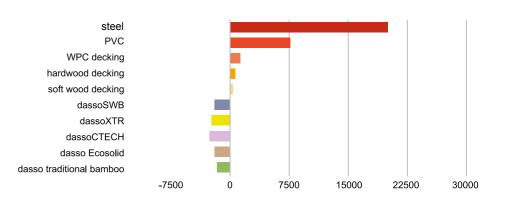
Dasso bamboo products have been EPD certified, indicating a friendly enviromental impact during their entire lifespan (35-40 years).

Carbon footprint in each life stage of bamboo products (kg CO2/M3)



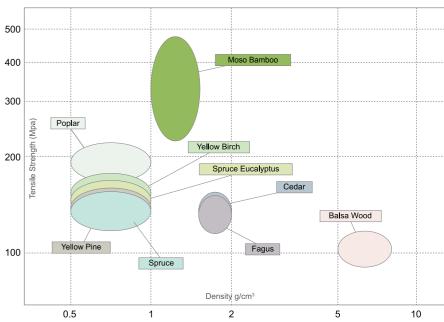
The left figure shows different stage of bamboo product contribute to the main environment impact with different shares, the total emission of CO2 is negative which means "climate positive". The product stage includes biological carbon sequestration and all production process.

Carbon footprint bamboo VS other material (kg CO2/M3)



Bamboo raw materials have great mechanical properties. They can be processed and made into a variety of products with superior properties that are widely used in various applications and fields.

Material mechanical property comparison between bamboo and wood

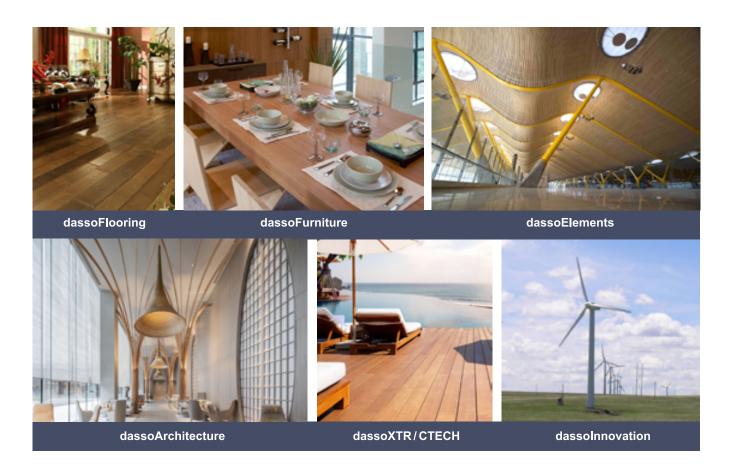


 * compare to other wood material, bamboo has the highest ratio of intensity/density, has the best mechanical property.

Mechanical property comparison between dasso exterior bamboo board and other exterior wood board

Species Items	dassoXTR	dassoCTECH	IPE	Merbau	Scots Pine
Density (kg/m3)	1150	1200	1100	815	550
Compressive strength (Mpa)	100	93	90	73.5	42
Janka hardness (N)	16,992	17,659	15,620	7,620	2,420
Modulus of elasticity (MOE) (MPa)	19.1	16.7	22.07	15.93	10.08

After 3 decades of development in bamboo industry, dasso has the most advanced skills, technology (patent owner) and automatic manufacturing equipment. We have gather talented people to develop a management system that focus on production and quality control. This enables Dasso to provide bamboo products with consistent superior quality for all kinds of applications.



LEED v4/v4.1 BD+C assessment criteria with relation to dasso products

	Criteria LEED	Aspect	Points	dasso Traditional Bamboo	dasso SWB	dasso Ecosolid Bamboo	dassoXTR	dassoCTECH
Material & Resources	Building product disclosure and optimization -environmental product declaration	EPD	1-2	☆	☆	¢x	☆	Ŷ
	Building product disclosure and optimization - sourcing of raw materials	Responsible sourcing of raw materials	1-2	ģ	Ŷ	ģ	☆	Ŷ
	Building product disclosure and optimization - material ingredients	Chemical inventory	1-2					Ŷ
Innovation	Innovation	Innovation strategy	1-5			☆	☆	☆





Metro Police Nashville Davidson County-LEED Silver

Vanke Center Shenzhen-LEED Platinum

ABOUT DASSO

Founded in 1993, is the global leader and innovator of the bamboo industry. We provide high quality bamboo products and integrated bamboo solution.







Hangzhou Dasuo Technology Co.,Ltd



Hangzhou Zhuangyi Funiture Co.,Ltd



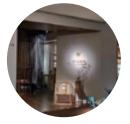
Fujian Dasso Industry Co., Ltd



Zhejiang Daocheng Bamboo Industry Co., Ltd



Jiangxi Zhushang Bamboo Industrial Co.,Ltd



Zhujia Gallery



Zhejiang Xinhaiye Bamboo Technology Co.,Ltd



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