Dasso Bamboo Products

After 27 years of development in bamboo industry, dasso has the most advanced skills, technology (patent owner) and automatic manufacturing equipments. We have gathered talented people to develop a management system that focuses on production and quality control. This enables Dasso to provide bamboo products with consistent superior quality for all kinds of applications.







dassoFlooring

dassoFurniture

dassoElements





dassoArchitecture

dassolnnovation

About Dasso

Founded in 1993, Dasso 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



Jiangxi Zhushang Bamboo Industrial Co.,Ltd



Zhujia Gallery



Zhejiang Daocheng Bamboo

Industry Co., Ltd

Zhejiang Xinhaiye Bamboo Technology Co.,Ltd



Shunchang Zhujia Bamboo Industrial Co.,Ltd



dasso sustainable bamboo forest





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.

BAMBOO FOREST CONTRIBUTES TO GLOBAL CARBON CYCLE **ATMOSPHERE** BAMBOO FOREST ABSORB CO₂ as fuel BAMBOO PRODUCTS BIOENERGY is produced from mill and CARBON IS EMITTED

SUSTAINABLE LIFE CYCLE OF BAMBOO PRODUCTS

Growing bamboo forests absorb carbor



water and prevent soil erosion.
-Dasso owns FSC certified bamboo forests



END OF LIFE -Since bamboo is a biobase organic material it is biodegradable. It can be buried for

dasso Traditional Bamboo

EPD No.: S-P-01925



-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 lurability, stability fire and section of the section of t



ndustrial use



oo takes only 4-6 years to mature to

PRODUCTION

-Dasso factories certified by ISO9001, ISO14001, ISO45001 have scientific management system during the production

tal-friendly glue and no harmful chemical

without destroying the whole forest.

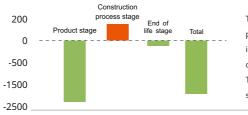
dasso Strand Woven Bamboo EPD No.: S-P-01926

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

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

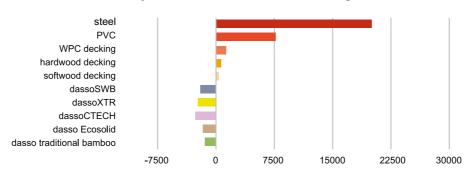
Dasso bamboo products have been EPD certified, indicated a friendly environmental impact during

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



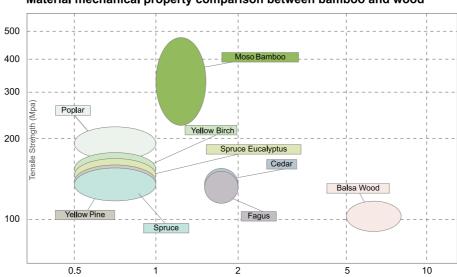
The left figure shows different stage of bamboo product contribute to the main environment impact with different shares, the total emission of CO2 is negative which means "climate positive". The product stage include biological carbon sequestration and all production process.

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



Bamboo raw materials have good 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 bamboo exterior board and other exterior wood board

species	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

Dasso Bamboo Products have been EPD Certified & Bamboo Material Provide Credits for the

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

Criteria LEED		dasso Traditional Bamboo	dasso Strand Woven Bamboo	dasso Ecosolid Bamboo	dassoXTR	dassoCTECH
MATERIAL & RESOURCES	Building life-cycle Impact reduction	•	•	•	•	•
	Building product disclosure and optimization- environmental product declaration	•	•	•	•	•
	Building product disclosure and optimization- sourcing of raw materials	•	•	•	•	•
	Building product disclosure and optimization- material ingredients					•
INDOOR ENVIRONMENTAL QUALITY	Low Emitting Materials			•		
	Acoustic performance	•	•	•	•	•
	Interior Lighting	Natural Color	Natural Color			
INNOVATION	Innovation			•	•	•

BREEAM assessment criteria with relation to Dasso products

	Criteria BREEAM	dasso Traditional Bamboo	dasso Strand Woven Bamboo	dasso Ecosolid Bamboo	dassoXTR	dassoCTECH
Mat 01	Life cycle impact-Life cycle assessment(LCA)	•	•	•	•	•
Mat 01	Environmental product declaration	•	•	•	•	•
Mat 03	Responsible sourcing of construction products-Sustainable procurement	•	•	•	•	•
Mat 03	Responsible sourcing of construction products -Responsible sourcing of construction products	•	•	•	•	•
Mat 05	Designing for durability and resilience				•	•
Mat 06	Material efficiency	•	•	•	•	•
Hea 01	Visual comfort	•	•	•	•	•
	Indoor air quality-Indoor air quality program			•		
Hea 02	Indoor air quality-Releases of building products			•		
	Indoor air quality-Measurement of indoor air quality after completion			•		
Hea 04	Thermal comfort				•	•
Hea 05	Acoustic performance	•	•	•	•	•
Ene 04	Low carbon design				•	•
	Hea 02 Indoor air quality			•		
Inn 01	Mat01 Life cycle impact	•	•	•	•	•
	Mat03 Responsible sourcing of construction products	•	•	•	•	•

Green Star v3.2 assessment criteria with relation to Dasso products

	Criteria Green Star	dasso Traditional Bamboo	dasso Strand Woven Bamboo	dasso Ecosolid Bamboo	dassoXTR	dassoCTECH
	MAT-2 Building Reuse				•	•
	MAT-3 Sustainable Materials	•	•	•	•	•
Materials	MAT-4 Low Emitting Material	•	•	•	•	•
	MAT-6 Timber	•	•	•	•	•
	ENE-1 Energy				•	•
Energy	ENE-2 Greenhouse Gas Emissions	•	•	•	•	•
	ENE-7 Peak Electricity Demand Reduction				•	•
Indoor Environment	IEQ-6 Thermal Comfort				•	•
Quality	IEQ-13 Internal Noise Levels		•			
	Adaptation and resilience				•	•
	Culture heritage and identity				•	•
Innovation	Financial transparency	•	•	•	•	•
	Material life cycle impacts	•	•	•	•	•
	Environmental product declarations	•	•	•	•	•

















