



DATASHEET X-TREME™ (BAMBOO) DECK BOARD ECOLOGICAL PRODUCT

The X-Treme™ deck board is a product of exceptional hardness and dimensional stability. Thanks to its patented heat treatment and high density, the material is not subject to twisting phenomena and is highly resistant to weathering. The wood has a dark brown colour.

This material can be used for small to medium sized areas subject to high levels of foot traffic, and is perfectly suited to private, residential, public and commercial structures, as well as projects of low environmental impact. Thanks to its characteristics, this material can even be used as cladding for building façades. X-Treme™ is a patented product that's guaranteed by MOSO.

Ravaioli Legnami recommends installation using clips, with symmetrical milling for the deck boards, and a substructure with a centre distance between the joists of 45 cm. Prior to installing the deck boards, it is recommended that the material be kept on well secured pallets and, if possible, stored in the shade and sheltered against the atmospheric agents. When exposed to sunlight and adverse weather conditions, the wood undergoes a natural tone and colour alteration over time and tends to turn grey.

Regular maintenance with appropriate oils can minimize this process.

PHYSICAL PROPERTIES Source MOSO International BV

	Values
Specific gravity	1,200 Kg/m ³
Stability (24 hours of immersion in water at 20° C)	Length + 0.1% Width + 0.9% Thickness + 2.4%
Fire safety class (EN 13501-1)	Bfl-s1

MECHANICAL PROPERTIES Source MOSO International BV

	Values
Breaking strength (EN 408)	50.30 MPa
Modulus of elasticity (EN 408)	10,737 NMPa
Strength class (EN 338)	D 50
Hardness (EN 1534)	9.5 Kg/mm ² (Brinell)

NATURAL DURABILITY Source MOSO International BV

Durability	Class 1 (EN 350)
Use risk class	Class 4 (EN 335)
Surface fungi resistance	Class 0 (EN 152)



RAVAIOLI RECOMMENDS for installation upon screed using visible screws, the following for 1 m ² of flooring	Quantities
X-Treme™ Deck Board 20x137x1,850 mm (gap 5 mm)	0.95 m ²
Substructure joist 42x45 mm dual-layer impregnated Larch wood 4 sides (centre distance 30 cm)	3.5 lm
Clips: AISI 304 Stainless Steel "4 holes"	20 pcs
Screws: AISI 304 Stainless Steel - M 4.0x20 mm Torx Tx 15	40 pcs
Off-cuts and installation excluded	

Total for the quantities recommended by Ravaoli € 165.20

for more information or details, please refer to the Ravaoli decking installation manual

PROCESSING OPTIONS

Oiling - one coat on all four sides and two coats on the visible side (not recommended)

Tolerance: the indicated board sizes are nominal. The actual sizes may vary by up to 5% due to the nature of the wood material.
The prices indicated on these datasheets may be subject to change; please refer to the price list for the current prices.



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