

TEAK ASIA

Teak Asia comes from plantations in Indonesia and has a colour that varies from light yellow to bronze.

This hardwood species can be used to create flooring subjected to medium-low foot traffic and for predominantly residential use.

Constant dimensional stability, waterproofing, and beauty make Teak particularly sought after in the market. It is usable not only for flooring but also for cladding building facades.

Colour: It varies from light yellow to bronze.

Origin: Indonesia.



SLATS WITH THICKNESS 19mm X WIDTH 90 mm

SLATS WITH THICKNESS 19mm x WIDTH 120 mm



FEATURES:

Family: *Verbenaceae*

Botanical name: *Tectona grandis*

Texture: Medium fine

Fiber: Straight

Average density: 590 kg/m³

Monnin hardness: 4.20 MPa

Shrinkage: Medium

Dimensional stability: Good (class B)

Durability: Excellent

Deformations humid climate	Deformation type	Mesured values	Reference valued
	warping	0,09%	< 1% on the width
	sawing	0,24 mm/m	< 2 mm/m
	Warping	1,36 mm/m	< 2 mm/m
Deformation dry climate	Deforming type	Mesured value	Reference values (UNI 11538-1)
	warping	0,20%	< 1% sulla larghezza
	scaffolding	0,32 mm/m	< 2 mm/m
	warping	2,12 mm/m	< 2 mm/m
Humidity	Deforming type	Mesured value	Reference values (UNI 11538-1)
	Envariomental climate	14,50%	< 18%
	Humid climate	17,00%	< 18%
	Dry climate	7,40%	< 18%
MECHANICAL PROPERTIES - NATURAL DURABILITY (UNI EN 335, UNI EN 350)			
Average flexural strength			106 MPa
Average flexural strength after freeze- thaw cycles			104 MPa
Average flexural strength after freeze-salt cycles			112 MPa
Average flexural strength after freeze-rain and heat - cold cycle			128 MPa
Mean elastic modulus			11.930 MPa
Mean tensile strength			56 MPa
Fungi			Durable class - classe 1
Wooden insert			Durable - classe D
Termites			Moderately durable - classe M
Impregnability			Not impregnated - classe 4
Usage class			On the outside in contact with ground and fresh water- classe 4
Use in marine enviroment- class 5			yes