

FJ LAMINATED BEAMS



PRODUCT DATA SHEET MADERACRE TIMBER

Code:	
Version:	
Date:	16/05/2025

Product:	FJ LAMINATED BEAMS
Species:	Wood of species Cerejeira, Guariuba, Cumaru, Garapa and others FSC 100%



DESCRIPTION: Made from finger-jointed, face-glued multi-layered wood slats, working as a single unit while retaining the wood's strength, beauty, and natural warmth. Ideal for lightweight constructions such as pergolas, sun and shade, lattices, and single-level roofs. Columns with a height of no more than 3 meters from the floor.

DIMENSIONS:						TOLERANCE:		
Nro	Thickness* (mm)	Width* (mm)	Max Length (mm)	SHEET	FINISH	Thickness	Width	Length
1	100	45	Hasta 6000	Hasta 10L	S4S	(- 1.0/+ 0.5) mm	(- 1.0/+ 1.0) mm	(- 5mm/+ 5mm)
2	150	45	Hasta 6000	Hasta 10L	S4S	(- 1.0/+ 0.5) mm	(- 1.0/+ 1.0) mm	(- 5mm/+ 5mm)
3	150	70	Hasta 6000	Hasta 10L	S4S	(- 1.0/+ 0.5) mm	(- 1.0/+ 1.0) mm	(- 5mm/+ 5mm)
4	200	95	Hasta 6000	Hasta 10L	S4S	(- 1.0/+ 0.5) mm	(- 1.0/+ 1.0) mm	(- 5mm/+ 5mm)

*Special dimensions can be worked.

FINISHING: S2S (2-Sided Brushing) is generally available. Wood with disc-ground edges may also be available.

MOISTURE: Kiln-dried at 10% - 14%. Up to 10% of pieces with 9% moisture content and 10% of pieces with up to 16% moisture content are acceptable.

SHAPE: Squaring: Up to 3mm of squareness is acceptable at both ends.

FINGERJOINT STRUCTURE:

- The pieces have the following characteristics:
- 1). Fingerjoint piece length: minimum 300mm, maximum 900mm.
- 2). Vertical finger joint position (teeth are visible on the face of each blade).
- 3). Glueing of parts with special adhesive of EN 204 Class D4 standard, free of Formaldehyde.

STRUCTURE BRACKET:

- The slats have the following characteristics:
- 1). Thickness: 20mm.
- 2). Width: 100, 150 and 200 mm. Symmetrical presentation.
- 3). Glueing of sheets with special adhesive of EN 204 Class D4 standard, free of Formaldehyde.
- 4). Serrated profile on the face for better adhesion and stability.

QUALITY: "A/B". Faces are considered A/B quality.

PRESENTATION: In standard packaging. Wooden base, strap, and transparent plastic cover. According to customer requirements..

APPLICATIONS: For non-structural use with good performance outdoors, with high moisture content and low temperatures under some type of covering/roof.

NOTE: No structural analysis or load testing has been performed on this product. The determination of appropriate use conditions remains the responsibility of the end user/contractor



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