



Structural Finger-jointed Timber

Solid structural timber assembled using finger joints, manufactured with machine-graded timber sourced from FSC® certified pine plantations.

Wood species

Southern Pine, Loblolly Pine (*Pinus taeda*), and Slash Pine (*Pinus elliottii*), sourced from locally certified FSC (Forest Stewardship Council) plantations.

Sizes for rough finish

DIMENSION	UNIT	MAGNITUDE
Thickness (t)	mm	22 23 40 45
Width (b)	mm	96 147 198
Length (L)	m	12000

Manufacturing

The manufacturing processes and quality control are conducted in accordance with the European Standard EN 15497:2014.

Structural Adhesive

- Single-component PUR. Cold-curing structural adhesive.
- In accordance with EN 15425 I 90 GP 0.3 w.
- Free of organic solvents or formaldehyde.
- Resistant to water, weak acids and bases, and organic solvents.

Strength classes

C14, C16, C22 y C24.

More classes available upon request.

Applications

- Framing
- Load-bearing structures
- As rough material for:
 - Cross-laminated timber
 - Glued laminated timber
- Solid structural timber assembled using finger joints

Standars

- EN 14081-1:2016+A1:2020 Timber structures - Strength-graded structural timber with rectangular cross-section - Part 1: General requirements.
- EN 14081-3:2022 Timber structures - Strength-graded structural timber with rectangular cross-section - Part 3: Machine grading; additional requirements for factory production control.
- EN 338:2016 Structural timber - Strength classes.
- EN 336:2014 Structural timber - Sizes, permitted deviations.



Certification

Compliance with factory production control:

Notified Body: 672-MPA University of Stuttgart, Germany.
Certificate: 672-CPR-1021
Issued: September 27, 2023.

