



# Structural Strength-graded Timber

Strength-graded timber sourced from FSC® certified pine plantations.

## Wood species

Southern yellow pine: Loblolly pine (*Pinus taeda*) and Slash pine (*Pinus elliottii*) from locally sourced FSC® certified plantations.

## Rough sizes

Dimension	Unit	Magnitude
Thickness	mm	25/32/35/38/40/50
Width	mm	100/150/200
Lenght	m	4.0/4.3/4.6/4.9

## Manufacturing

The manufacturing processes and quality control adhere to the European Standard EN 14081, parts 1 and 3.

## Strength classes

From C14 to C30.

## Treatment

On request.

## Applications

- Structural frames
- Beams and trusses
- Load-bearing structures
- Supply for:
  - Cross-laminated timber
  - Glued laminated timber
  - Structural Finger-Jointed timber



## Standards

- 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.

## Certifications

### Compliance with factory production control:

Notified Body: 672-MPA University of Stuttgart, Germany  
 Certificate: 672-CPR-1019  
 Issued: August 31, 2023



The mark of responsible forestry