

# TECHNICAL SPECIFICATIONS

## Finger Joint Racks - Pine FINGER JOINT STILES



The mark of responsible forestry

### 1. Product Description

Frames made from solid pine wood, joined using the Finger Joint system (longitudinal toothed joint). This process allows for longer, straighter, and dimensionally stable pieces.

The product is kiln-dried, planed, and calibrated to Clear grade quality. Finger Joint production ensures greater structural stability.

### 2. Species

Trade name : Taeda Pine - Radiata Pine  
Scientific name : Pinus Taeda - Radiata  
Origin : Forest plantations in Argentina  
Forest plantations in Chile

### 3. Product Dimensions

Thicknesses	Widths	Lengths
25mm - 28mm - 30mm	28mm - 30mm	3000 mm - 2400mm

Dimensional tolerances:

- Thickness / width: -0/+0.5 mm
- Long: +10 mm

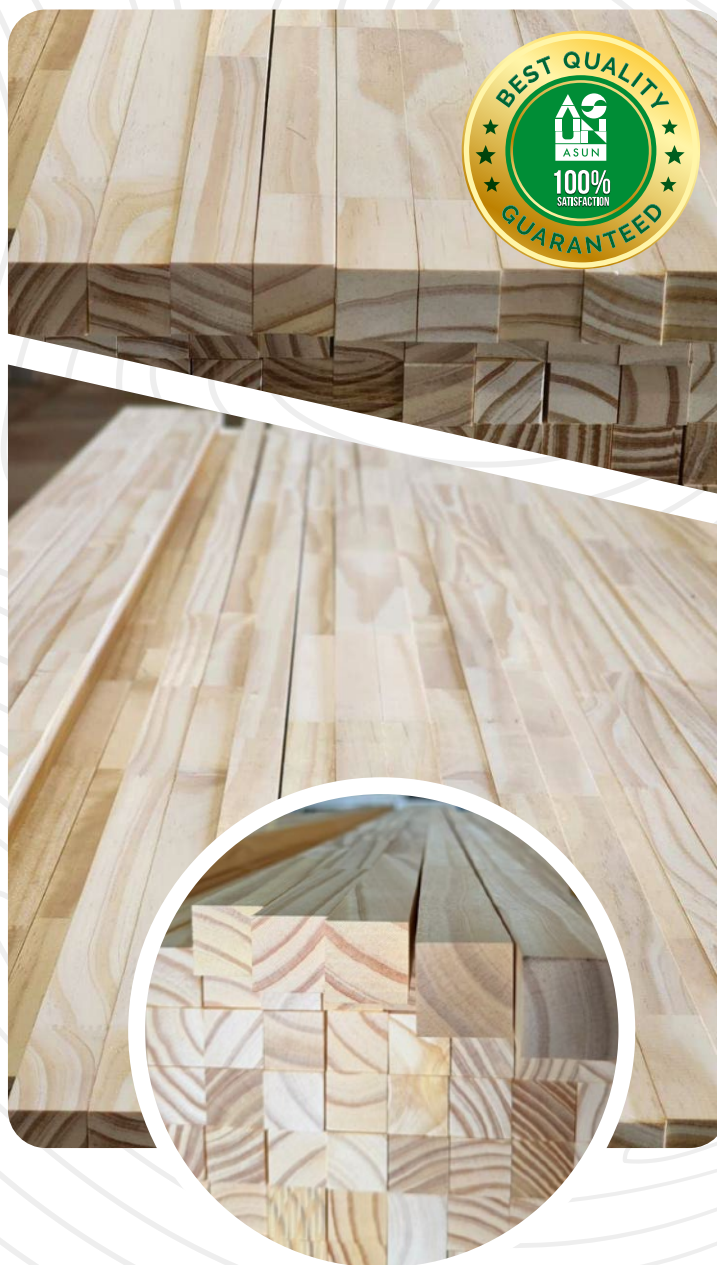
### 4. Quality Classification

Clasification: Clear

Accepts a face with a saw-cut surface suitable for moldings. Finger joints may be visible.

Structural defects such as cracks, bark, rot, or open resin pockets are not permitted.

Both faces are always guaranteed to be clear-brushed.



## 5. Moisture Content

Final product moisture content: KD 10%. The wood is kiln dried to ensure dimensional stability and proper adhesive performance in the finger joint process.

## 6. Pine Drying Process

The Taeda/Radiata pine is kiln-dried in conventional kilns with controlled temperature and relative humidity. The average drying time for similar thicknesses is approximately 5 to 7 days.

Stage	Temperature	Relative Humidity
Initial	45 - 50	°C 80 - 85 %
Intermediate	55 - 65	°C 65 - 70 %
End	70 - 75	°C 55 - 60 %

Technical Data: At 60% relative humidity, this is equivalent to 10-12% moisture in the wood

## 7. Adhesive

Structural adhesive for Finger Joint (PVA D3 or EPI as per customer requirement).

## 8. Aplicación del Producto

Typical use in door frames, furniture components, interior joinery, and moldings.



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