

PRODUCT DATA SHEET



Product name

Finger-jointed joists

Species

Robinia — *Robinia pseudoacacia* L.

Other names: black locust, false acacia, acacia. Known as robinia in the timber trade.

Origin

Romania – Full traceability in compliance with the EUDR regulation

Product description

Glued finger-jointed robinia joists, structural support for timber decking. Dimensional stability and long spans.

Characteristics

- Planed 4 sides
- Moisture: 12 %
- High-strength finger joints (C4 exterior glue)
- Density: 750 kg/m³
- Yellow-brown hue
- High-strength hardwood
- Validated mechanical strength (EN 408 / EN 338 / EN 15497)
- Small defects allowed (sub-structure use)
- No sapwood

Available dimensions

- Widths: 60 to 100 mm
- Thicknesses: 45 to 200 mm
- Standard sections: 45×60, 45×70, 45×90 and 90×90 mm
- Standard length: 6 m



Finger-jointed joist 90×90 mm



Joist 45×90 mm

Durability

- Class 4 (standard EN 335)
- Non-impregnable wood, untreated
- Service life up to 30 years depending on exposure

Applications

Decking structure and support – outdoor structures.

Weathering

Natural greying – colour variation – possible surface cracking.

Maintenance

No maintenance required – no treatment needed.

Options

- Finger-jointed or solid
- Custom sections
- FSC® 100 % certification on request

Packaging Joists per pallet	
Section (mm)	Quantity
45 × 60	136
45 × 70	120
45 × 90	88

Storage and moisture

Store on pallets, boards tightly packed; keep strapping until installation. Loose storage causes bowing of the pieces.

Slight longitudinal bowing during storage is a normal feature of finger-jointed robinia for outdoor use (industry standard): it does not affect the integrity or strength of the finger joints (C4 exterior glue, tested to DIN 68140 / EN 385).

Moisture must be checked on unloading; a later measurement is not representative of the condition on delivery. The moisture content then changes with ambient conditions (natural shrinkage and swelling), without affecting joint performance.

Producer contact details

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Acacia Poles, a trade name of Xylo Impact

FSC® certification: SGSCH-COC-011793 – FSC® licence C153588

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