

PRODUCT DATA SHEET



Product name

Finger-jointed decking board

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

Decking board

Decking board characteristics

- Boards 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)
- Visible face grade A – clean surface, few knots, natural variations allowed
- No sapwood
- Lay on robinia or aluminium joists recommended

Available dimensions

- Widths: 80 / 100 / 118 mm
- Thicknesses: 23/ 45 mm
- Lengths: 2 – 3 - 4 - 5 - 6 m

Durability

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

Applications

Decking – fencing – playgrounds – outdoor structures.

Weathering

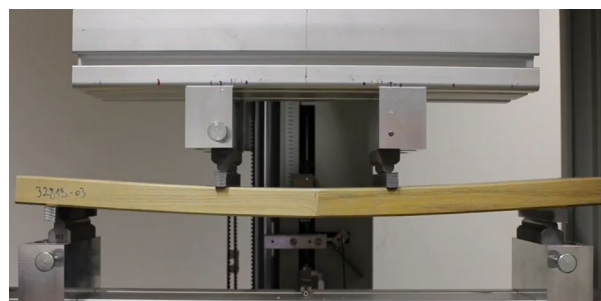
Natural greying – colour variation – possible surface cracking – slight bowing of boards during drying.

Maintenance

No maintenance required – no treatment needed.

Options

- Flat – non-slip – convex profile
- FSC® 100 % certification on request



Strength tests carried out in laboratory (UCL – Belgium)



Finger-jointed decking board – non-slip profile
23 × 118 mm



Finger-jointed decking board – smooth profile
23 × 118 mm



Finger-jointed decking board – convex profile
23 × 118 mm



Packaging Decking boards per pallet		
Width (mm)	Thickness (mm)	Quantity (1)
118	23	144
118	45	72
100	23	160
100	45	80
80	23	192

(1) The number of decking boards per pallet varies with length (max. 2 t).



Stackable decking board pallets

Decking board weight per linear metre (kg)			
Width (mm)	Thickness (mm)	Length (1 m)	Weight (1)
118	23	1	2.04
118	45	1	3.98
100	23	1	1.73
100	45	1	3.38
80	23	1	1.38
80	45	1	-

(1) Sizes with no weight shown: not produced (rare exceptions)



Decking board - flat profile - 45 x 90 mm



Decking board - flat profile - 23 x 80 mm

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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