

# PRODUCT DATA SHEET



## Product name

Half-round rails

## 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

Sawn half-round stakes, debarked, not pointed.

## Stake characteristics

- Half-round with slight natural curve
- Several circumference classes available
- Circ.: 15 to 45 cm ( $\pm 2$  cm)
- Density: 780–820 kg/m<sup>3</sup>
- Yellow-brown hue
- High-strength hardwood
- Fresh (green) or slightly dried timber

## Available dimensions

- Lengths: 0,5 / 0,8 / 1 / 1,2 / 1,5 / 1,8 / 2,00 / 2,50 / 3 m
- Circ.: 15-20/ 20-25 / 25-30 / 30-35 / 35-40 / 40-45 cm

## Durability

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

## Applications

Equestrian fencing – rustic fencing – arboriculture – landscaping.

## Weathering

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

## Maintenance

No maintenance required – no treatment needed.

## Options

- Rails sanded, with sapwood
- Rails sanded, sapwood free
- Drying on request
- FSC® 100 % certification on request



Half-round rails  
Circ. 15-20 cm



Rails sanded, sapwood free  
Circ. 30-35 cm



Debarked rails  
Circ. 23-30cm



| Packaging – rails per pallet |                                  |              |
|------------------------------|----------------------------------|--------------|
| Circ. (cm)                   | Diameter equivalent for ½ rounds | Quantity (1) |
| 15-20                        | 6-8 / 2                          | 300          |
| 20-25                        | 8-10 / 2                         | 200          |
| 25-30                        | 10-12 / 2                        | 160          |
| 30-35                        | 12-14 / 2                        | 120          |
| 35-40                        | 14-16 / 2                        | 80           |
| 40-45                        | 16-18 / 2                        | 60           |

(1) The number of stakes per pallet may vary for long lengths so that pallets do not exceed 2 tonnes

| Rail weight (kg) |       | Length (m) |     |     |      |      |      |      |      |      |
|------------------|-------|------------|-----|-----|------|------|------|------|------|------|
|                  |       | 0.5        | 0.8 | 1   | 1.2  | 1.5  | 1.8  | 2    | 2.5  | 3    |
| Circ. (cm)       | 15-20 | 0.7        | 1.2 | 1.5 | 1.7  | 2.2  | 2.6  | 2.9  | 3.6  | 4.4  |
|                  | 20-25 | 1.2        | 1.9 | 2.4 | 2.9  | 3.6  | 4.3  | 4.8  | 6    | 7.2  |
|                  | 25-30 | 1.8        | 2.9 | 3.6 | 4.3  | 5.4  | 6.5  | 7.2  | 9    | 10.8 |
|                  | 30-35 | 2.5        | 4   | 5   | 6    | 7.5  | 9    | 10   | 12.6 | 15.1 |
|                  | 35-40 | 3.3        | 5.3 | 6.7 | 8    | 10   | 12   | 13.4 | 16.7 | 20.1 |
|                  | 40-45 | 4.3        | 6.9 | 8.6 | 10.3 | 12.9 | 15.5 | 17.2 | 21.5 | 25.8 |

(-) not available



Stackable rail pallets

#### Producer contact details

Srl. Xylo Impact – Strada Principala 115A – 337291 Teiu – Romania

VAT number: RO33531190

IBAN: BE38 9140 1467 2472

BIC: FXBBBEBBXXX

Acacia Poles, a trade name of Xylo Impact

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

Contact us: [info@acaciapoles.com](mailto:info@acaciapoles.com)

More info: [www.acaciapoles.com](http://www.acaciapoles.com)

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