PRODUCT DATA SHEET

Product name

Cleft palings

Species

Robinia — *Robinia pseudoacacia* L.

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

Origin

Romania – in line with the EUDR regulation; EUDR documents provided

Product description

Roll fencing made from robinia paling slats
joined by galvanised double-twisted wire.
Used for demarcation, protection
and landscaping.

Paling slat characteristics

- Sawn triangular section
- Circ.: 9 to 12 cm (±1 cm)
- Width: 3 to 4 cm
- Pointed slats
- Density: 0,70 to 0,90 t/m³ depending on moisture
- Yellow-brown hue
- High-strength hardwood
- Fresh (green) or slightly dried timber

Wire characteristics

- Galvanised wire Ø 1,8 mm – strength 550 N/mm²
- Hot-dip galvanising (min. 50 g/m² zinc)
- Double-twist assembly – 2 to 5 rows
- 4 wires per row

Available dimensions

- Heights: 0,50 / 0,80 / 1,00 / 1,20 / 1,50 / 1,80 / 2,00 m
- Roll lengths: 5 m or 10 m
- Slat spacing: 1 to 10 cm

Durability

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

Applications

Dune and coastal protection – rustic fencing – landscaping – wildlife protection – path demarcation.

Weathering

Natural greying – colour variation – possible surface cracking – slight bowing of the slats.

Maintenance

No maintenance required – no treatment needed.

Options

- Unpointed slats
- Sanded slats
- Alternating heights (0,80 / 1,00 / 1,20 m)
- FSC® 100 % certification on request

Cleft paling H 1,5 m
Spacing 3–4 cm

Cleft paling H 1,5 m
Square stake 7 × 7 cm

Cleft paling
Slats of different heights

Cleft paling
Sanded slats

Cleft paling
Galvanised wires Ø 1,8 mm

Cleft paling – H 1,2 m
Spacing 3–4 cm

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Packaging: Number of rolls of 5 m per pallet		Spacing between slats (cm)								
		1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10
Height (m)	0,5	30	30	30	30	30	30	30	30	30
	0,8	12	12	12	15	15	15	15	15	15
	1,0	12	12	12	15	15	15	15	15	15
	1,2	12	12	12	15	15	15	15	15	15
	1,5	12	12	12	15	15	15	15	15	15
	1,8	12	12	12	15	15	15	15	15	15
	2,0	12	12	12	15	15	15	15	15	15

Packaging: Number of rolls of 10 m per pallet		Spacing between slats (cm)								
		1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10
Height (m)	0,5	14	14	14	14	14	14	14	14	14
	0,8	8	8	8	8	8	10	10	10	10
	1,0	8	8	8	8	8	10	10	10	10
	1,2	8	8	8	8	8	10	10	10	10
	1,5	-	-	-	-	-	-	10	10	-
	1,8	-	-	-	-	-	-	-	-	-
	2,0	-	-	-	-	-	-	-	-	-

(-) not available

Unit weight of a 5 m roll (kg)		Spacing between slats (cm)								
		1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10
Height (m)	0,5	27	22	16	15	14	12	11	10	9
	0,8	43	35	26	23	22	20	18	16	15
	1,0	54	44	32	29	28	25	22	20	19
	1,2	64	52	39	35	33	30	26	24	23
	1,5	81	65	48	44	42	37	33	29	28
	1,8	97	78	58	52	50	45	39	35	34
	2,0	107	87	65	58	56	50	44	39	38

Palletisation – pallet dimensions (based on cleft paling height)			
Cleft paling height (m)	Pallet width (m)	Pallet height (m)	Pallet depth (m)
0,5	1	1,2	1,2
0,8	1	1,2	1,2
1	1	1,2	1,2
1,2	1,2	1,2	1,2
1,5	1,5	1,2	1,2
1,8	1,8	1,2	1,2
2	2	1,2	1,2

Stackable cleft paling pallets

Number of slats per linear metre of paling		Spacing between slats (cm)								
		1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10
Height (m)	0,5	18	16	15	13	12	11	10	9	8
	0,8	18	16	15	13	12	11	10	9	8
	1,0	18	16	15	13	12	11	10	9	8
	1,2	18	16	15	13	12	11	10	9	8
	1,5	18	16	15	13	12	11	10	9	8
	1,8	18	16	15	13	12	11	10	9	8
	2,0	18	16	15	13	12	11	10	9	8

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

More info: www.acaciapoles.com

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