

PRODUCT DATA SHEET



Product name

Sanded posts

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

Round posts debarked, then planed and sanded to remove sapwood and keep only heartwood.

Post characteristics

- Various diameters available: 6 to 40 cm (± 1 cm) diameter measured at mid-post.
- Chamfer at both ends
- 100% sapwood removed, sound wood, no loose knots – material suited to EN 1176 requirements for playgrounds
- Density: 780–820 kg/m³
- Yellow-brown hue
- High-strength hardwood
- Fresh (green) or slightly dried timber
- Rotten but hard knots tolerated.
- Sanding smooths the surface but does not remove black knots (hard, tight) — a natural feature of the species, with no effect on strength.
- Irregular shapes following tree growth

Available dimensions

- Heights: 0,5 / 0,8 / 1 / 1,2 / 1,6 / 1,8 / 2 / 2,5 / 3 / 3,5 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 m
- Diameters: 6 – 8 / 8 – 10 / 10–12 / 12–14 / 14–16 / 16–18 / 18–20 / 20–22 / 22–24 / 24–26 / 26–28 / 28–30 / 30–35 / 35–40 cm

Durability

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

Applications

Playgrounds – pergolas – outdoor structures.

Weathering

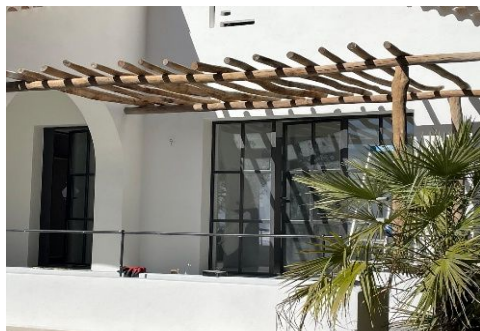
Natural greying – colour variation – possible surface cracking – slight bowing of stakes.

Maintenance

No maintenance required – no treatment needed.

Options

- Pointing over 50 cm
- Sawing of a flat
- Drilling Ø 20–30–40–50 mm
- Wax applied to the end to prevent splits
- Anti-split plates
- Storage of posts for drying
- FSC® 100 % certification on request



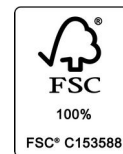
Sanded robinia posts, lengths 8, 10 and 12 m



Play trail – sanded posts



Large sanded posts



Packaging per pallet	
Diameter (cm)	Quantity (1)
6-8	150
8-10	100
10-12	60
12-14	50
14-16	40
16-18	30
18-20	20
20-22	10
>22	5

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



Stackable sanded post pallets

Post weight (kg) (1)		Length (m)																				
		0.5	0.8	1	1.2	1.6	1.8	2	2.5	2.8	3	3.5	4	5	6	7	8	9	10	11	12	13
Diameter (cm)	6-8	2	2	3	4	5	6	6	8	9	-	-	-	-	-	-	-	-	-	-	-	-
	8-10	3	4	5	6	8	9	10	13	14	15	18	-	-	-	-	-	-	-	-	-	-
	10-12	4	6	8	9	12	14	15	19	21	23	27	30	-	-	-	-	-	-	-	-	-
	12-14	5	8	11	13	17	19	21	27	30	32	37	42	53	-	-	-	-	-	-	-	-
	14-16	7	11	14	17	23	25	28	35	40	42	49	57	71	85	99	113	-	-	-	-	-
	16-18	9	15	18	22	29	33	36	45	51	54	64	73	91	109	127	145	163	182	200	218	236
	18-20	11	18	23	27	36	41	45	57	64	68	79	91	113	136	159	181	204	227	250	272	295
	20-22	14	22	28	33	44	50	55	69	78	83	97	111	139	166	194	222	249	277	305	333	360
	22-24	17	27	33	40	53	60	66	83	93	100	116	133	166	199	233	266	299	332	366	399	432
	24-26	20	31	39	47	63	71	79	98	110	118	137	157	196	236	275	314	353	393	432	471	511
	26-28	23	37	46	55	73	82	92	115	128	137	160	183	229	275	321	366	412	458	504	550	595
	28-30	26	42	53	63	85	95	106	132	148	159	185	211	264	317	370	423	476	528	581	634	687
	30-32	34	55	68	82	109	123	137	171	192	205	239	274	342	-	-	-	-	-	-	-	-
	30-35	43	69	86	103	138	155	172	215	241	258	301	344	430	-	-	-	-	-	-	-	-

(-) Dimensions with no weight shown are not produced – except in rare cases.

Producer contact details

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

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