

POLKKYgiant Glulam Post

Strong POLKKYgiant glulam posts are excellent choice for load-bearing structured buildings as well as for terrace and courtyard buildings.

Wood species Nordic spruce (*Picea abies*) and Nordic pine (*Pinus sylvestris*)

Strength classes C24 and C30

STRENGTH VALUES N/mm ² (std. C24)	C24	C30
Bending, <i>f_{m,g,k}</i>	24	30
Tension parallel II, <i>f_{t,0,g,k}</i>	14	18
Tension perpendicular, <i>f_{t,90,g,k}</i>	0,5	0,6
Compression parallel II, <i>f_{c,0,g,k}</i>	21	23
Compression perpendicular, <i>f_{c,90,g,k}</i>	2,5	2,7
Shear modulus, <i>f_{v,k}</i>	2,5	3
Modulus of elasticity <i>E_{mean}</i> , <i>E_{0,g,mean}</i>	11000	12000
Density kg/m ³ , <i>ρ_{g,k}</i>	350	380

POLKKYgiant glulam posts are manufactured according to standard EN 14080 / EN 386.

Standard lengths 3, 6 ja 12

Moisture 8-15 %

Profile Eased

Packing Individual film or packages covered 5 sides by plastic

Reaction to fire D-s2, d0

Weatherproof class

Class 4 / EN 350-2

Lamella- and finger joint glue

PUR (polyurethane), light glue for outside use

Standard packing size

Height 300 - 500 mm x width approx. 1000 mm

Standard dimensions

Width	Height
90	90, 120
115	115
140	140

We also supply other package sizes and dimensions, as well as individually cutted beams to meet the requirements of the customer. Our product range includes impregnated glulam posts also.

Manufacturer

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