

POLKKYgiant Glulam

POLKKYgiant glulam is made out of northern Finland's densely-grained timber, which has excellent strength values. The high quality and reliable delivery of the glulam give the customer a significant advantage. Due to the high quality and features POLKKYgiant glulam is the perfect choice for load-bearing structured buildings.

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

Strength classes GL24c, GL28c, GL30c ja GL32c

STRENGTH VALUES N/mm ²	GL24c	GL28c	GL30c	GL32c
Bending, <i>f_{m,g,k}</i>	24	28	30	32
Tension parallel II, <i>f_{t,0,g,k}</i>	14	16,5	20	19,5
Tension perpendicular, <i>f_{t,90,g,k}</i>	0,35	0,4	0,5	0,45
Compression parallel II, <i>f_{c,0,g,k}</i>	21	24	25	26,5
Compression perpendicular, <i>f_{c,90,g,k}</i>	2,4	2,7	3	3
Shear moduls, <i>f_{v,k}</i>	2,2	2,7	3	3,2
Modulus of elasticity E mean, <i>E_{0,g,mean}</i>	11600	12600	13000	13700
Density kg/m ³ , <i>ρ_{g,k}</i>	350	380	390	410

POLKKYgiant glulam is in accordance with the standard EN 14080 and is manufactured according to the standard EN 386.

Standard lengths 3, 8 ja 12
Moisture 8-15 %
Profile Eased
Packing Individual film or packages covered 5 sides by plastic
Paloluokka 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 200 - 500 mm x width approx. 1000 mm

Standard dimensions

Width	Height
90	180, 225, 270, 315, 360, 405, 540
115	180, 225, 270, 315, 360, 405, 450
140	180, 225, 270, 315, 360, 405, 450, 495
165	360, 450

We also supply other package sizes and dimensions, as well as individually cutted beams to meet the requirements of the customer.

Manufacturer
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