

## POLKKYgiant Resawn Glulam

Superior strength values of POLKKYgiant Resawn Glulam makes it a perfect choice for load-bearing structured buildings.

**Wood species** Pohjoismainen kuusi (Picea abies) ja mänty (Pinus sylvestris)

**Strength classes** GL28c and GL30c

STRENGTH VALUES N/mm <sup>2</sup> ((std. GL30c)	GL28c	GL30c
Bending, <i>f<sub>m,g,k</sub></i>	28	30
Tension perpendicular, II, <i>f<sub>t,0,g,k</sub></i>	16,5	20
Tension perpendicular, <i>f<sub>t,90,g,k</sub></i>	0,4	0,5
Compression parallel II, <i>f<sub>c,0,g,k</sub></i>	24	25
Compression perpendicular, <i>f<sub>c,90,g,k</sub></i>	2,7	3
Shear moduls, <i>f<sub>v,k</sub></i>	2,7	3,5
Modulus of elasticity E mean, <i>E<sub>0,g,mean</sub></i>	12600	13000
Density kg/m <sup>3</sup> , <i>ρ<sub>0,g,k</sub></i>	380	390

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

**Standard lengths** 3, 6, 8 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 150 - 500 mm x width approx. 1000 mm

**Standard dimensions**

Widths 42, 56 and 66, height according to customer requirements

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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U S E \* R  
Y E - R  
V I E R \*  
S F E \* R

