

Construction elements –
naturally made of timber



| AREAS OF APPLICATION

Joists, beams, rimboard, studs, purlins,
top rails, window and door lintels, main
beams and posts.

System component of the
STEICO*construction* building system.



- Produced from Nordic Spruce
- Twice planed with chamfered edges
- GL28c grade to BS EN 1194
- Light waterproof glue joint
- PEFC Certification
- Produced and CE certified to BS EN 14080
- 12m lengths in sizes to match STEICO*joists*
- Short lead times from UK stocks
- High strength to weight ratio
- Dimensionally stable

For more information please visit our website at www.steico.co.uk



| STEICOGlulam BEAM SPECIFICATIONS

Width [mm]	Depth [mm]	Length [m]	Pieces per pack	Pallet weight [kg]
38	220	12.0	32	ca. 1.477
	240	12.0	32	ca. 1.611
	300	12.0	32	ca.2.014
43	220	12.0	24	ca. 1.253
	240	12.0	24	ca. 1.367
	300	12.0	24	ca. 1.709
	360	12.0	18	ca. 1.538
75	220	12.0	10	ca. 911
	240	12.0	10	ca. 994
	300	12.0	8	ca. 994
	360	12.0	6	ca. 894
90	220	12.0	10	ca. 1.093
	240	12.0	10	ca. 1.193
	300	12.0	8	ca. 1.193
	360	12.0	6	ca. 1.073

| CHARACTERISTIC DESIGN VALUES FOR STEICOGlulam

| RECOMMENDATIONS

STEICOGlulam should be stored on a flat and level surface. The distance between supports should not exceed 2m.

If multiple packs are to be stored, please ensure that bearers are in line.

STEICOGlulam should be kept covered and stored in a dry, covered area until required. Avoid excessive exposure to the elements.

Design Values for use with EC5 according to BS EN 1194

Bending strength f_m, g, k	28
Tensile strength (parallel to grain) $f_t, 0, g, k$	16.5
Tensile strength (perpendicular to grain) $f_{c, 0, g, k}$	0.4
Compression strength (parallel to grain) $f_{c, 0, g, k}$	24
Compression strength (perpendicular to grain) $f_{c, 0, g, k}$	2.7
Shear strength f_v, g, k	2.7
Modulus of Elasticity $E_{0, g, mean}$	12.600
Modulus of Elasticity 5th percentile $E_{0, g, 05}$	10.200
Modulus of Elasticity perpendicular $E_{90, g, mean}$	390
Shear Modulus G_{mean}	720
Density	380



STEICO
engineered by nature

Your STEICO Agent

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