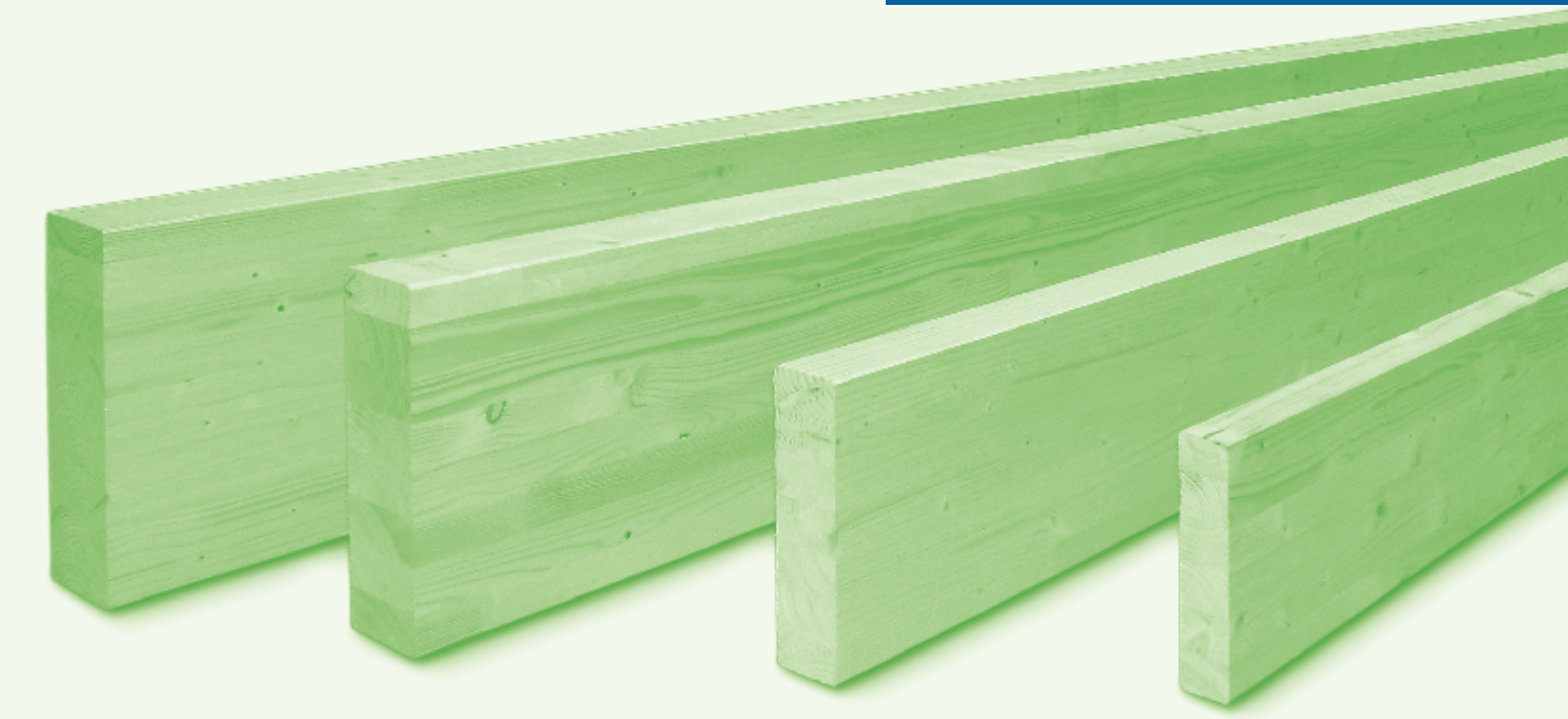
STEICO *glulam*

Structural beams

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
- 12 m 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**

| STEICO*glulam* 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

| ADVICES

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

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

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

| CHARACTERISTIC DESIGN VALUES FOR STEICO*glulam*

Design Values for use with EC5 according to BS EN 1194

Bending strength fm,g,k	28
Tensile strength (parallel to grain) ft,0,g,k	16.5
Tenisle strength (perpendicular to grain) fc,0,g,k	0.4
Compression strength (parallel to grain) fc,0,g,k	24
Compression strength (perpendicular to grain) fc,0,g,k	2.7
Shear strength fv,g,k	2.7
Modulus of Elasticity E0,g,mean	12.600
Modulus of Elasticity 5th percentile E0,g,05	10.200
Modulus of Elasticity perpendicular E90,g,mean	390
Shear Modulus Gmean	720
Density	380

CE

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