

Glued laminated timber — Performance requirements and minimum production requirements

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee B/518, Structural timber, to Subcommittee B/518/3, Glued laminated timber, upon which the following bodies were represented:

- British Adhesives and Sealants Association
- British Plastics Federation
- British Woodworking Federation
- Department of the Environment (Building Research Establishment)
- Glued Laminated Timber Association
- Institution of Civil Engineers
- Timber Research and Development Association
- Timber Trade Federation
- Wood Panel Products Federation

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National foreword

This British Standard has been prepared by Subcommittee B/518/3, and is the English language version of EN 386:1995, *Glued laminated timber — Performance requirements and minimum production requirements*, published by the European Committee for Standardization (CEN).

EN 386:1995 was produced as a result of international discussion in which the UK took an active part.

This Standard replaces the main part of BS 4169:1988, which will eventually be withdrawn.

The content of EN 386 covers clauses 1 to 10, 12 and 17 of BS 4169. Clause 14 is dealt with in Eurocode 5. There is no text corresponding to clause 11 of BS 4169. EN 386 contains no information on storage and protection of finished members, limits of acceptable fissuring, the application of preservatives and flame retardants, or the types of “stock” glulam members generally available commercially in the UK. These were dealt with in Appendix D and clauses 13, 15 and 16 of BS 4169.

The information referred to is considered useful to specifiers, purchasers and users of glulam and has therefore been included in National annex NA.

Cross-references

Publication referred to	Corresponding British Standard
EN 301:1992	BS EN 301:1992 <i>Adhesives, phenolic and aminoplastic, for load-bearing timber structures: classification and performance requirements</i>
EN 385:1995	BS EN 385:1995 <i>Finger jointed structural timber — Performance requirements and minimum production requirements</i>
EN 391:1995	BS EN 391:1995 <i>Glued laminated timber — Delamination test of glue lines</i>
EN 392:1995	BS EN 392:1995 <i>Glued laminated timber — Shear test of glue lines</i>
EN 518:1995	BS EN 518:1995 <i>Structural timber — Grading — Requirements for visual strength grading standards</i>
EN 519:1995	BS EN 519:1995 <i>Structural timber — Grading — Requirements for machine strength graded timber and grading machines</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

ICS 79.040

Descriptors: Wood, structural timber, laminated board, manufacturing, glueing, specification, production control

English version

Glued laminated timber — Performance requirements and minimum production requirements

Bois lamellé collé — Prescriptions de performance et prescriptions minimales de fabrication

Brettschichtholz — Leistungs- und Mindestanforderungen an die Herstellung

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European Committee for Standardization
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Central Secretariat: rue de Stassart 36, B-1050 Brussels

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Foreword

This European Standard was prepared by the Technical Committee CEN TC 124, Timber structures, of which the secretariat is held by DS.

This European Standard shall be given the status of a national standard either by publication of an identical text or by endorsement, at the latest by August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

No existing European Standard is superseded.

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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