



BSI Standards Publication

Recommendations for the design of timber structures to Eurocode 5: Design of timber structures —

Part 1: General — Common rules and rules for building

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Published by BSI Standards Limited 2019

ISBN 978 0 529 03984 9

ICS 01.010.30; 91.080.20

The following BSI references relate to the work on this document:

Committee reference B/525

Draft for comment 19/30396380 DC

Amendments/corrigenda issued since publication

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Summary of pages

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Foreword

Publishing information

This Published Document is published by BSI Standards Limited, under licence from The British Standards Institution, and came into effect on 30 September 2019. It was prepared by Subcommittee B/525/5, *Structural use of timber*, under the authority of Technical Committee B/525, *Building and civil engineering structure*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

PD 6693-1:2019 supersedes PD 6693-1:2012, which is withdrawn.

Relationship with other publications

This Published Document is a background paper that gives non-contradictory complementary information for use in the UK with the Eurocode for actions on structures, BS EN 1995-1-1 and its UK National Annex.

Presentational conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is 'shall'.

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Requirements in this standard are drafted in accordance with *Rules for the structure and drafting of UK standards*, subclause **G.1.1**, which states, "Requirements should be expressed using wording such as: 'When tested as described in Annex A, the product shall ...'". This means that only those products that are capable of passing the specified test will be deemed to conform to this standard.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

0 Introduction

When there is a need for guidance on a subject that is not covered by the Eurocode, a country can choose to publish documents that contain non-contradictory complementary information that supports the Eurocode. This Published Document, which has been prepared by BSI Subcommittee B/525/5, *Structural use of timber*, provides just such information and has been cited as a reference in the UK National Annex to BS EN 1995-1-1.

1 Scope

This Published Document gives non-contradictory complementary information for use with BS EN 1995-1-1 and NA to BS EN 1995-1-1.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

BS 8103-1, *Structural design of low-rise buildings — Part 1: Code of practice for stability, site investigation, foundations, precast concrete floors and ground floor slabs for housing*

BS 8212, *Code of practice for dry lining and partitioning using gypsum plasterboard*

BS EN 301, *Adhesives, phenolic and aminoplastic, for load bearing timber structures — Classification and performance requirements*

BS EN 338:2009, *Structural timber — Strength classes*

BS EN 520, *Gypsum plasterboards — Definitions, requirements and test methods*

BS EN 1995-1-1:2004+A1:2008, *Eurocode 5: Design of timber structures — Part 1-1: General — Common rules and rules for buildings*

BS EN 13986, *Wood-based panels for use in construction — Characteristics, evaluation of conformity and marking*

BS EN 14592, *Timber structures — Dowel-type fasteners — Requirements*

BS EN 15425, *Adhesives — One component polyurethane for load bearing timber structures — Classification and performance requirements*

3 Terms and definitions

3.1 Terms and definitions [BS EN 1995-1-1:2004+A1:2008, 1.5]

For the purposes of this Published Document, the terms and definitions given in BS EN 1995-1-1:2004+A1:2008 and the following apply.

3.1.1 attic truss

trussed rafter that is designed to allow a habitable room within the roof space

3.1.2 chord member

member of the external profile of the truss

NOTE For example, a rafter or a ceiling tie.