

Structural timber — Strength classes — Assignment of visual grades and species

ICS 79.040

National foreword

This British Standard is the UK implementation of EN 1912:2004+A4:2010. It supersedes BS EN 1912:2004+A3:2009 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by **A1** **A1**.

The UK participation in its preparation was entrusted to Technical Committee B/518, Structural timber.

A list of organizations represented on this committee can be obtained on request to its secretary.

Additional guidance is given in National Annex NA.

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Amendments/corrigenda issued since publication

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English Version

Structural timber - Strength classes - Assignment of visual grades and species

Bois de structure - Classes de résistance - Affectation des classes visuelles et des essences

Bauholz für tragende Zwecke - Festigkeitsklassen - Zuordnung von visuellen Sortierklassen und Holzarten

This European Standard was approved by CEN on 3 September 2004 and includes Amendment 1 approved by CEN on 28 December 2006, Amendment 2 approved by CEN on 2 February 2008, Amendment 3 approved by CEN on 21 April 2009 and Amendment 4 approved by CEN on 11 February 2010.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (EN 1912:2004+A4:2010) has been prepared by Technical Committee CEN/TC 124 “Timber structures”, the secretariat of which is held by SFS.

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of an identical text or by endorsement, at the latest by September 2010 and conflicting national standards shall be withdrawn at the latest by September 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved on 2006-12-28, Amendment 2, approved by CEN on 2008-02-02, Amendment 3, approved by CEN on 2009-04-21 and Amendment 4, approved by CEN on 2010-02-11.

This document supersedes A4 EN 1912:2004+A3:2009. A4

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1, A2 A2, A3 A3 and A4 A4.

This revised version contains assignments of additional grades and species.

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1 Scope

This document lists visual strength grades, species and sources of timber, and specifies the strength classes from EN 338, to which they are assigned.

NOTE For the grades, species and sources included, there is long experience of use and/or satisfactory test data. The sources listed are therefore largely determined by existing commercial practice.

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.

EN 384, *Structural timber — Determination of characteristic values of mechanical properties and density*

EN 14081 (all parts), *Timber structures — Strength graded structural timber with rectangular cross section*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

timber source

geographical area of growth of the trees from which the timber is sawn

3.2

timber species

individual species or combination of species

3.3

Nordic countries

Denmark, Finland, Iceland, Norway and Sweden

4 Symbols and abbreviations

CNE Europe Central, Northern and Eastern Europe

NNE Europe Northern and North Eastern Europe

NC Europe Northern and Central Europe