

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

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 1912:2005+A4:2010 sisaldab Euroopa standardi EN 1912:2004+A4:2010 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 31.05.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 24.03.2010.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 1912:2005+A4:2010 consists of the English text of the European standard EN 1912:2004+A4:2010.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 31.05.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 24.03.2010.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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ICS 79.040

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of an identical text or by endorsement, at the latest by September 2010 and conflicting national standards shall be withdrawn at the latest by September 2010.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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

## 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