

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

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## EESTI STANDARDI EESSÕNA

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Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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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 9 March 2012.

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Management Centre: Avenue Marnix 17, B-1000 Brussels

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## Foreword

This document (EN 1912:2012) has been prepared by Technical Committee CEN/TC 124 “Timber structures”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by October 2012, and conflicting national standards shall be withdrawn at the latest by October 2012.

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 supersedes EN 1912:2004+A4:2010.

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, Turkey and the United Kingdom.

## 1 Scope

This European Standard lists the visual strength grades, species and sources of timber, and specifies the strength classes to which they are assigned, as documented in EN 338.

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

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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 14081-1, *Timber structures — Strength graded structural timber with rectangular cross section — Part 1: General requirements*

EN 14081-2, *Timber structures — Strength graded structural timber with rectangular cross section — Part 2: Machine grading; additional requirements for initial type testing*

EN 14081-3, *Timber structures — Strength graded structural timber with rectangular cross section — Part 3: Machine grading; additional requirements for factory production control*

EN 14081-4, *Timber structures — Strength graded structural timber with rectangular cross section — Part 4: Machine grading; grading machine settings for machine controlled systems*

## 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