

<b>STN</b>	<b>Konštrukčné drevo. Vizuálne triedenie podľa pevnosti tropického dreva.</b>	<b>STN EN 16737</b>  73 2864
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Structural timber - Visual strength grading of tropical hardwood

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/16

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Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

**EN 16737**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

## Structural timber - Visual strength grading of tropical hardwood

Bois de structure - Classement visuel des bois feuillus tropicaux de structure

Bauholz für tragende Zwecke - Visuelle Sortierung von Tropenholz nach der Festigkeit

This European Standard was approved by CEN on 19 March 2016.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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## European foreword

This document (EN 16737:2016) 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of an identical text or by endorsement, at the latest by November 2016 and conflicting national standards shall be withdrawn at the latest by November 2016.

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 standard gives grading methods, definitions and criteria as required in EN 14081-1 for a visual strength grading standard.

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, Former Yugoslav Republic of Macedonia, 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 specifies a method of strength grading tropical hardwood visually for structural use.

The permissible limits of characteristics for a single visual strength grade of timber are specified, designated "Structural Tropical Hardwood" (STH) grade.

The method is only suitable for pieces of timber with a rectangular cross-section that is constant along their lengths.

Characteristics related to durability are not covered in this standard. For some end uses, additional requirements may be specified at the time of grading, e.g. sapwood exclusion.

## 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 336, *Structural timber - Sizes, permitted deviations*

EN 338, *Structural timber - Strength classes*

EN 350-2, *Durability of wood and wood-based products - Natural durability of solid wood - Part 2: Guide to natural durability and treatability of selected wood species of importance in Europe*

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

EN 844-3, *Round and sawn timber - Terminology - Part 3: General terms relating to sawn timber*

EN 844-9, *Round and sawn timber - Terminology - Part 9: Terms relating to features of sawn timber*

EN 844-10, *Round and sawn timber - Terminology - Part 10: Terms relating to stain and fungal attack*

EN 844-12, *Round and sawn timber - Terminology - Part 12: Additional terms and general index*

EN 1310:1997, *Round and sawn timber - Method of measurement of features*

EN 1912, *Structural Timber - Strength classes - Assignment of visual grades and species*

EN 13556, *Round and sawn timber - Nomenclature of timbers used in Europe*

EN 14081-1, *Timber structures - Strength graded structural timber with rectangular cross section - Part 1: General requirements*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**