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EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p style="text-align: center;">E EVS-EN 1533:2010 E EN 1533:2010</p> <p>S E S 30 0 2010 EVS</p> <p>E E 01 0 2010</p> <p>S E</p>	<p style="text-align: center;">E EVS-EN 1533:2010 E EN 1533:2010</p> <p>E S 30 0 2010 E</p> <p>01 0 2010 E</p> <p>E</p>
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ICS 79.080

English Version

Wood flooring - Determination of bending strength under static load - Test methods

Planchers en bois - Détermination de la flexion sous charge statique - Méthodes d'essai

Holzfußböden - Bestimmung der Biegefestigkeit unter statischer Beanspruchung - Prüfmethode

This European Standard was approved by CEN on 26 June 2010.

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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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 1533:2010) has been prepared by Technical Committee CEN/TC 175 “Round and sawn timber”, 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of an identical text or by endorsement, at the latest by February 2011, and conflicting national standards shall be withdrawn at the latest by February 2011.

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 1533:2000.

Compared with EN 1533:2000, the following modifications have been made:

- a) modification of accuracy in 5.1;
- b) modification of loading equipment for static load (5.2.3);
- c) modification and improvement of Figures 1, 2 and 3;
- d) simplification and new presentation of Clause 6 regarding test assembly;
- e) simplification and new presentation of Clause 7 regarding procedure;
- f) simplification and new presentation of Clause 8 regarding expression of results.

This standard is one of a series of standards concerning wood flooring and wood panelling and cladding.

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.

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1 Scope

This European Standard specifies methods of determining the bending strength of wood flooring under static load: a method with a static line load and a method with a static point load.

The methods apply to wood flooring installed on a non-continuous support and thus assuming static load-bearing conditions.

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 13756:2002, *Wood flooring — Terminology*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13756:2002 and the following apply:

- 3.1**
test assembly
set of wood flooring elements assembled according to a defined type or to the instructions of the manufacturer, for the purpose of being tested
- 3.2**
element
smallest individual part (strip or board) of wood flooring
- 3.3**
maximum load
maximum force leading to the failure of the test assembly
- 3.4**
bending strength
result of various values of maximum load expressed as a mean value or a characteristic value, in newton
- 3.5**
static line load
bending force applied to the test assembly by means of a bar whose axis is parallel to the axis of the supports
- 3.6**
static point load
bending force applied to the test assembly by means of a bar whose axis is perpendicular to the plane of the test assembly
- 3.7**
span
distance between the axes of supporting battens or joists

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