

## Puidust põrandakate. Vastupanu määramine sälgustusele. Katsemeetod

-

-

EVS

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<div>E E</div> <div>EVS-EN 1534:2010 EN 1534:2010</div> <div>S 30 11 2010</div> <div>E 2 10 2010</div> <div>S</div> <div>E E S</div> <div>EVS</div> <div>E</div> <div>E</div>	<div>E E E</div> <div>EVS-EN 1534:2010 EN 1534:2010</div> <div>E 30 11 2010</div> <div>2 10 2010</div> <div>E S E E</div>
---	---

ICS 0 0

Standardite reprodutseerimis- ja levitamisoigus kuulub Eesti Standardikeskusele									
E		S		E		S			
10	1031	E		:	05 5050	E-	:		
Right to reproduce and distribute belongs to the Estonian Centre for Standardisation									
N		E		S					
10	1031	E		:	05 5050	E-	:		

English Version

## Wood flooring - Determination of resistance to indentation - Test method

Planchers en bois - Détermination de la résistance au poinçonnement - Méthode d'essai

Holzfußböden - Bestimmung des Eindruckwiderstands - Prüfmethode

This European Standard was approved by CEN on 19 September 2010.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

# Contents

Page

Foreword.....	3
1 Scope .....	4
2 Normative references .....	4
3 Terms and definitions .....	4
4 Principle.....	5
5 Apparatus .....	5
6 Test specimens .....	5
6.1 Dimensions.....	5
6.2 Sampling .....	5
6.2.1 Within a test specimen .....	5
6.2.2 Within a lot.....	5
6.3 Conditioning.....	5
6.4 Possible preparation prior to testing.....	6
7 Test method.....	6
7.1 Accuracy .....	6
7.2 Application of load.....	6
7.3 Measurement of indentation.....	6
8 Expression of results .....	6
8.1 Hardness for each indentation .....	6
8.2 Hardness for a lot .....	7
8.2.1 General.....	7
8.2.2 Mean value.....	7
8.2.3 Standard deviation.....	7
8.2.4 Characteristic value.....	7
9 Test report .....	9

EVS

## Foreword

This document (EN 1534:2010) 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 April 2011, and conflicting national standards shall be withdrawn at the latest by April 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 1534:2000.

The main changes compared to the previous edition are :

- a) Modification in the definitions (3.5) and (3.6);
- b) A new definition has been added "test specimen" (3.7);
- c) A new definition has been added "component" (3.8);
- d) A new definition has been added "Hardness *HB*" (3.9).

This document is one of a series of standards concerning wood flooring.

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 the United Kingdom.

EVS

## 1 Scope

This European Standard specifies a method, derived from the test, for determining the resistance to indentation of wood flooring.

## 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

#### **element**

smallest individual part (e.g. a finger, a strip) of wood flooring

### 3.2

#### **lot**

quantity of wood flooring with the same claimed set of features, within a consignment or in a storage facility

### 3.3

#### **lay-up**

description of the assembly of an element

### 3.4

#### **indentation**

concave deformation of the surface of a test specimen from the action of an indenter

### 3.5

#### **indentation under action**

momentarily indentation when the indenter is applied

### 3.6

#### **residual indentation**

indentation after the time of recovery

NOTE The time of recovery is specified in 7.3.

### 3.7

#### **test specimen**

elements or square test piece cut from an element

### 3.8

#### **component**

piece of wood flooring with a face consisting of originate solid timber

### 3.9

#### **Hardness *HB***

Brinell hardness in newtons per square millimetre