

Wood flooring - Multi-layer parquet elements

Wood flooring - Multi-layer parquet elements

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
|--|--|
| Käesolev Eesti standard EVS-EN 13489:2003 sisaldab Euroopa standardi EN 13489:2002 ingliskeelset teksti. | This Estonian standard EVS-EN 13489:2003 consists of the English text of the European standard EN 13489:2002. |
| Käesolev dokument on jõustatud 18.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. | This document is endorsed on 18.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation. |
| Standard on kättesaadav Eesti standardiorganisatsioonist. | The standard is available from Estonian standardisation organisation. |

| | |
|--|--|
| Käsitlusala: This European Standard specifies the characteristics of multi-layer parquet elements for internal use as flooring | Scope: This European Standard specifies the characteristics of multi-layer parquet elements for internal use as flooring |
|--|--|

ICS 79.080

Võtmesõnad: acceptance testing, measuring techn, multilayer system, packages, packing, parquet, parquet panel flooring, product standards, properties, timber construction work, wood, wood based products, wood joist ceilings, wood technology, woodworking, woodworking industry

ICS 79.080

English version

Wood flooring - Multi-layer parquet elements

Planchers en bois - Éléments de parquet contrecollé

Holzfußböden - Mehrschichtparkettelemente

This European Standard was approved by CEN on 4 November 2002.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

Contents

| | page |
|---|------|
| Foreword | 3 |
| Introduction | 4 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions | 5 |
| 4 Specific product requirements | 6 |
| 4.1 Wood species | 6 |
| 4.2 Typical types and patterns | 6 |
| 4.3 Finishing | 7 |
| 4.4 Appearance | 7 |
| 4.4.1 General rules | 7 |
| 4.4.2 Classification rules for type 1, 2 and 3 parquet | 7 |
| 4.4.3 Classification rules for type 4 parquet | 12 |
| 4.4.4 Natural colours | 12 |
| 4.5 Moisture content | 12 |
| 4.6 Geometrical characteristics | 12 |
| 4.6.1 General | 12 |
| 4.6.2 Dimensional characteristics and limit deviations | 12 |
| 4.7 Technical specification and properties | 13 |
| 4.7.1 General | 13 |
| 4.7.2 Technical characteristics required when in service | 13 |
| 4.7.3 Specific site requirements | 13 |
| 4.7.4 Appearance | 13 |
| 4.7.5 Renovation and repair | 14 |
| 5 Marking | 14 |
| Annex A (informative) Botanical and trade names of the most commonly used species for wood flooring (hardwood and softwood species) | 15 |
| Annex B (normative) Principles for the classification of the free class | 21 |
| Bibliography | 23 |

Foreword

This document (EN 13489:2002) 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 June 2003, and conflicting national standards shall be withdrawn at the latest by June 2003.

In this European Standard annex A is informative and annex B is normative.

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

Introduction

This European Standard is one of a series of standards about wood flooring and wood panelling and cladding.

This standard specifies the characteristics of multi-layer parquet. It is based upon current dimensional standards used in the industry and other characteristics together with functions which have been verified by test.

A large amount of knowledge exists about multi-layer parquet and values for product characteristics are attested by long use and experience. It is therefore not necessary to have test results. For new products technical data will have to be verified by testing.

The appearance of the parquet floor is mainly influenced by species, classification and the pattern.

1 Scope

This European Standard specifies the characteristics of multi-layer parquet elements for internal use as flooring.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard, only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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

EN 1311, *Round and sawn timber - Method of measurement of biological degrade*.

EN 1534, *Wood and parquet flooring - Determination of resistance to indentation (Brinell) - Test method*.

EN 13183-1, *Moisture content of a piece of sawn timber - Part 1: Determination by oven dry method*.

EN 13488, *Wood flooring – Mosaic parquet elements*.

EN 13647, *Wood and parquet flooring and wood panelling and cladding - Measurement of geometrical characteristics*.

EN 13756, *Wood flooring – Terminology*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 13756 and the following apply.

3.1

cup

curvature of an element across the width of the face

[EN 13756]

3.2

spring

lengthwise curvature of an element normal to the edge

[EN 13756]

NOTE It should be measured with zero bow.

3.3

multi-layer parquet

element of laminated construction consisting of a top layer of solid wood and additional layer(s) of wood, or wood-based materials, glued together

[EN 13756, 2.4]