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Irish Standard
I.S. EN 14342:2013

Wood flooring - Characteristics, evaluation of conformity and marking

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I.S. EN 14342:2013

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14342

July 2013

ICS 79.080; 97.150

Supersedes EN 14342:2005+A1:2008

English Version

Wood flooring - Characteristics, evaluation of conformity and marking

Planchers en bois - Caractéristiques, évaluation de conformité et marquage

Holzfussböden - Eigenschaften, Bewertung der Konformität und Kennzeichnung

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Contents

Page

1 Scope 4
2 Normative references 5
3 Terms and definitions 6
4 Requirement for wood flooring products and parquets 6
4.1 Dimensional characteristics 6
4.2 Reaction to fire 6
4.3 Release of dangerous substances 8
4.3.1 Release of Formaldehyde 8
4.3.2 Content of pentachlorophenol 8
4.4 Release of other dangerous substances 8
4.5 Breaking strength 8
4.6 Slip resistance 8
4.7 Thermal properties 9
4.8 Biological durability 10
4.8.1 General 10
4.8.2 Recommended use class 10
4.8.3 Wood treated against biological attack 10
5 Evaluation of conformity 11
5.1 General 11
5.2 Initial Type Testing – Type Testing 11
5.2.1 General 11
5.2.2 Test reports 12
5.3 Factory production control (FPC) 12
5.3.1 General 12
5.3.2 Requirements 12
5.3.3 Product specific requirements 15
5.3.4 Initial inspection of factory and of FPC 16
5.3.5 Continuous surveillance of FPC [only for products covered by attestation of conformity system 1] 16
5.3.6 Procedure for modifications 17
6 Marking, labelling and packaging 17
Annex A (normative) Formaldehyde classes 18
Annex B (normative) Simplified encoding system for wood flooring 20
Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive 21
ZA.1 Scope and relevant characteristics 21
ZA.2 Procedure for attestation of conformity of wood and parquet flooring products 23
ZA.2.1 Systems of attestation of conformity 23
ZA.2.2 EC Certificate of Conformity and EC Declaration of Conformity 25
ZA.3 CE marking and labelling 27
ZA.3.1 General 27
ZA.3.2 CE marking 27
ZA.3.3 CE marking - simplified labelling 30
Bibliography 32

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Foreword

This document (EN 14342:2013) 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 January 2014, and conflicting national standards shall be withdrawn at the latest by January 2014.

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 14342:2005+A1:2008.

In comparison with the previous edition, the entire document has been revised.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

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1 Scope

This European Standard defines and specifies the relevant characteristics and requirements of flat surface wood flooring products and parquets as well as the appropriate test methods for determination of their suitability for use as internal flooring, including fully enclosed public transport premises.

The European Standards for specific wood flooring products and parquets to which this European Standard relates, and which provide product definitions and requirements for dimensional tolerances, include the following:

— solid parquet elements with tongues and grooves (EN 13226);

— solid lamparquet products (EN 13227);

— solid wood overlay elements including blocks with an interlocking system (EN 13228);

— mosaic parquet elements (EN 13488);

— multi-layer parquet elements (EN 13489);

— solid pre-assembled hardwood board (EN 13629);

— solid softwood floor boards (EN 13990);

— wood veneer floor coverings (EN 14354);

— solid wood parquet — vertical finger, wide finger and module brick (EN 14761).

This European Standard may also apply to other wood flooring products and parquets than those standards above. However, it does not specify any requirements for dimensional limits of tolerances of such products.

This European Standard provides also for the evaluation of conformity and the requirements for marking the wood flooring products and parquets.

This European Standard covers wood flooring products and parquets which may or may not be treated to improve their reaction to fire performance or their durability against biological agents.

This European Standard does not apply to:

— wood flooring products and parquets specifically manufactured for enhanced tactile and recognition;

— bamboo flooring products;

— laminate flooring products;

— product made with plants such as aloe or cork or coconut.

This European Standard covers wood flooring products and parquets with or without paint, varnish, lacquer, wax or oil.

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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 335, *Durability of wood and wood-based products — Use classes: definitions, application to solid wood and wood-based products*

EN 350-1, *Durability of wood and wood-based products — Natural durability of solid wood — Part 1: Guide to the principles of testing and the classification of the natural durability of wood*

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 351-1, *Durability of wood and wood-based products — Preservative-treated solid wood — Classification of preservative penetration and retention*

EN 599-2, *Durability of wood and wood-based products — Performance of preventive wood preservatives as determined by biological tests — Part 2: Classification and labelling*

EN 717-1, *Wood based panels— Determination of formaldehyde release — Part 1: Formaldehyde emission by the chamber method*

EN 717-2, *Wood based panels — Determination of formaldehyde release — Part 2: Formaldehyde release by the gas analysis method*

EN 844-9:1997, *Round and sawn timber — Terminology — Part 9: Terms relating to features of sawn timber*

EN 1533, *Wood flooring — Determination of bending strength under static load — Test methods*

EN 12664, *Thermal performance of building materials and products — Determination of thermal resistance by means of guarded hot plate and heat flow meter methods — Dry and moist products of medium and low thermal resistance*

EN 13226, *Wood flooring — Solid parquet elements with grooves and/or tongues*

EN 13227, *Wood flooring — Solid lamparquet products*

EN 13228, *Wood flooring — Solid wood overlay flooring elements including blocks with an interlocking system*

EN 13488, *Wood flooring — Mosaic parquet elements*

EN 13489, *Wood flooring — Multi-layer parquet elements*

EN 13501-1, *Fire classification of construction products and building elements — Part 1: Classification using data from reaction to fire tests*

EN 13629, *Wood flooring — Solid individual and pre-assembled hardwood boards*

EN 13756, *Wood flooring — Terminology*

EN 13986, *Wood-based panels for use in construction — Characteristics, evaluation of conformity and marking*

EN 13990, *Wood flooring — Solid softwood floor boards*

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