NSAI
Standards

Irish Standard
I.S. EN 13647:2021

Wood flooring and wood panelling and cladding - Determination of geometrical characteristics

I.S. EN 13647:2021

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on:	*Published:*
EN 13647:2021	2021-04-14

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2021-05-06	79.080
	NOTE: If blank see CEN/CENELEC cover page

NSAI	T +353 1 807 3800	Sales:
1 Swift Square,	F +353 1 807 3838	T +353 1 857 6730
Northwood, Santry	E standards@nsai.ie	F +353 1 857 6729
Dublin 9	W NSAI.ie	W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 13647:2021 is the adopted Irish version of the European Document EN 13647:2021, Wood flooring and wood panelling and cladding - Determination of geometrical characteristics

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

For relationships with other publications refer to the NSAI web store.

Compliance with this document does not of itself confer immunity from legal obligations.

In line with international standards practice the decimal point is shown as a comma (,) throughout this document.

This page is intentionally left blank

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 13647

April 2021

ICS 79.080

Supersedes EN 13647:2011

English Version

Wood flooring and wood panelling and cladding - Determination of geometrical characteristics

Planchers en bois, lambris et bardages en bois - Détermination des caractéristiques géométriques

Holzfußböden und Wand- und Deckenbekleidungen aus Holz - Bestimmung geometrischer Eigenschaftenen

This European Standard was approved by CEN on 12 March 2021.

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.

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, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Ref. No. EN 13647:2021 E

Contents

Page

European foreword

This document (EN 13647:2021) 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 October 2021, and conflicting national standards shall be withdrawn at the latest by October 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13647:2011.

Compared with EN 13647:2011, the following modifications have been made:

— in lipping measuring;

— in dimensions measuring: thickness of the element, thickness of the top layer, depth and width of the groove, thickness and width of the tongue.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

This document is one of a series of standards specifying requirements and test methods for wood flooring and wood panelling and cladding.

The measurements should be carried out as specified in this document or with any other equipment or principles giving at least the same accuracy.

1 Scope

This document specifies methods of measuring the geometrical characteristics of wood flooring and wood panelling and cladding elements.

This document does not specify sampling, which is intended to be found in the product standards or test methods and it does not apply to elements which are installed.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 13756:2018, *Wood flooring and parquet — Terminology*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13756:2018 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

4 Principles

4.1 General

The measurements shall be carried out only if relevant, taking the product standards into account.

4.2 Dimensions

The dimensions are determined by measuring any characteristic defined in the product standard and with appropriate tools.

4.3 Angles

Determine square angles by measuring the distance (maximum value) between an edge of the element and the side of a square whose other side is in line with an adjacent edge of the element.

Determine other angles by the use of a protractor.

4.4 Warp

4.4.1 Cup

Determine cup by measuring, at the middle of the width of the element, the distance separating the face of the element from the straight reference line joining the top arises of the edges of the element, see Figures 1 and 2.