

# SVENSK STANDARD

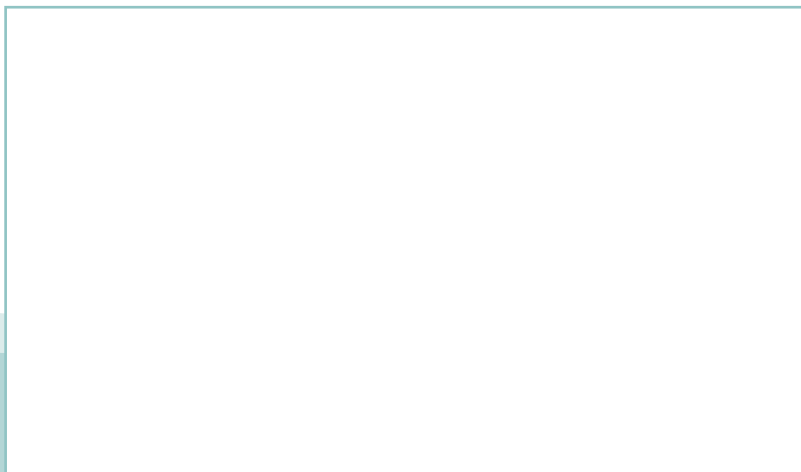
## SS-EN 13227:2017

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**Trägolv – Massiv stavparkett med grada kanter**

**Wood flooring – Solid lamparquet products**



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Denna standard ersätter SS-EN 13227, utgåva 1 och SS-EN 13227/AC:2007, utgåva 1.

The European Standard EN 13227:2017 has the status of a Swedish Standard. This document contains the official version of EN 13227:2017.

This standard supersedes the Swedish Standard SS-EN 13227, edition 1 and SS-EN 13227/AC:2007, edition 1.

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EUROPEAN STANDARD

EN 13227

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 79.080

Supersedes EN 13227:2002

English Version

## Wood flooring - Solid lamparquet products

Plancher en bois - Planchettes massives

Holzfußböden - Massivholz-Lamparkettprodukte

This European Standard was approved by CEN on 16 July 2017.

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.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

<b>Contents</b>	<b>Page</b>
European foreword.....	3
Introduction .....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions .....	5
4 Symbols and abbreviations .....	6
5 Specific product requirements.....	6
5.1 Wood species .....	6
5.2 Finishing.....	6
5.3 Appearance.....	7
5.3.1 General rules.....	7
5.3.2 Rules for the most commonly used species .....	7
5.3.3 Free class.....	13
5.3.4 Natural colours .....	14
5.4 Moisture content .....	14
5.5 Geometrical characteristics .....	14
5.5.1 General.....	14
5.5.2 Profile.....	14
5.5.3 Nominal dimensions .....	15
5.5.4 Limit deviations .....	15
5.5.5 Machining.....	16
5.6 Technical specifications and properties.....	16
5.6.1 Hardness.....	16
5.6.2 Specific site requirements .....	17
5.6.3 Appearance.....	17
5.6.4 Renovation and repair .....	17
6 Labelling.....	17
Annex A (informative) Botanical and trade names of the most commonly used species for wood flooring (hardwood and softwood species).....	18
Annex B (normative) Principles for the classification of the free class.....	26
Annex C (informative) Moisture content .....	28
Annex D (informative) Geometrical characteristics according to EN 13647:2011 .....	29
Bibliography.....	32

## European foreword

This document (EN 13227:2017) 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 May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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 13227:2002.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## **SS-EN 13227:2017 (E)**

### **Introduction**

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

This European Standard specifies the characteristics of solid lamparquet products including solid large lamparquet products. 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 solid parquet elements 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 be verified by testing.

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



## 1 Scope

This European Standard specifies the characteristics of solid lamparquet products for internal use as flooring. It applies to elements. This European Standard does not apply to panels made from elements, for which EN 13810-1 applies.

This European Standard covers products without surface treatment.

## 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 844-1:1995, *Round and sawn timber - Terminology - Part 1: General terms common to round timber and sawn timber*

EN 844-3:1995, *Round and sawn timber - Terminology - Part 3: General terms relating to sawn timber*

EN 844-4:1997, *Round and sawn timber - Terminology - Part 4: Terms relating to moisture content*

EN 844-6:1997, *Round and sawn timber - Terminology - Part 6: Terms relating to dimensions of sawn timber*

EN 844-7:1997, *Round and sawn timber - Terminology - Part 7: Terms relating to anatomical structure of timber*

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

EN 844-10:1998, *Round and sawn timber - Terminology - Part 10: Terms relating to stain and fungal attack*

EN 844-11:1998, *Round and sawn timber - Terminology - Part 11: Terms relating to degrade by insects*

EN 844-12:2000, *Round and sawn timber - Terminology - Part 12: Additional terms and general index*

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 flooring - Determination of resistance to indentation - Test method*

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

EN 13183-2, *Moisture content of a piece of sawn timber - Part 2: Estimation by electrical resistance method*

EN 13647:2011, *Wood flooring and wood panelling and cladding - Determination of geometrical characteristics*

EN 13756:2002, *Wood flooring - Terminology*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 844-1:1995, EN 844-3:1995, EN 844-4:1997, EN 844-6:1997, EN 844-7:1997, EN 844-9:1997, EN 844-10:1998, EN 844-11:1998, EN 844-12:2000 and EN 13756:2002 and the following apply.

## SS-EN 13227:2017 (E)

### 3.1

#### **lamparquet element**

parquet element of small dimensions having flat edges

[SOURCE: EN 13756:2002]

### 3.2

#### **large lamparquet element**

element defined by the relevant dimensional limits

Note 1 to entry: These limits are given in Table 7.

### 3.3

#### **parquet tapis**

large lamparquet to be laid by gluing and/or nailing

### 3.4

#### **maxi lamparquet element**

element defined by the relevant dimensional limits

Note 1 to entry: These limits are given in Table 7.

### 3.5

#### **composite element lamparquet**

preassembled lamparquet element arranged in a geometric pattern

## 4 Symbols and abbreviations

For the purposes of this document, the following symbols and abbreviations apply.

- L* length of the face of the element
- b* width of the face of the element
- t* thickness between the face and the back of the element
- a* slope of the lip.

## 5 Specific product requirements

### 5.1 Wood species

A list of the most commonly used species for parquet elements as described in this European Standard is given in Annex A.

### 5.2 Finishing

The product can be delivered with a factory applied surface coating which allows the product to be taken into use immediately after installation. The surface treatment used and any artificial change of the natural wood colour shall be stated in the product description.

## 5.3 Appearance

### 5.3.1 General rules

Tables 1 to 6 define the classification relating to appearance rules for the face and for the non-visible parts (back and edges) of an element, of the most commonly used species for solid wood flooring as defined in this European Standard.

Features shall be measured according to EN 1310 (knots assessed according to the general method in EN 1310:1997,4.1). Biodeterioration shall be measured according to EN 1311.

A classification named "Free class" is based on the principles laid out in Annex B.

A classification with three appearance classes is specified, designated ○, Δ and □.

The face shall include all the visible surface of the element. It shall therefore extend to the chamfering <sup>1)</sup>, if any.

The face shall be free from shake and the wood shall be sound.

Any continuous glue joint which allows renovation without significantly changing the appearance or the functional characteristics is acceptable.

### 5.3.2 Rules for the most commonly used species

#### 5.3.2.1 Quercus spp. (oak)

Rules for oak are given in Table 1.

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1) The chamfering is visible when elements are assembled.