



**SLOVENSKI STANDARD**  
**SIST EN 14915:2013/kFprA1:2017**  
**01-februar-2017**

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**Notranje in zunanje obloge iz masivnega lesa - Lastnosti, zahteve in označevanje**

Solid wood panelling and cladding - Characteristics, requirements and marking

Wand-und Deckenbekleidung aus Massivholz im Innen-und Außenbereich -  
Eigenschaften, Anforderungen und Kennzeichnung

Lambris et bardages en bois - Caractéristiques, exigences et marquage

**Ta slovenski standard je istoveten z: EN 14915:2013/FprA1:2016**

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**ICS:**

79.080            Polizdelki iz lesa            Semi-manufactures of timber

**SIST EN 14915:2013/kFprA1:2017            en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**FINAL DRAFT**  
**EN 14915:2013**

**FprA1**

December 2016

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ICS 79.080

English Version

## Solid wood panelling and cladding - Characteristics, requirements and marking

Lambris et bardages en bois - Caractéristiques,  
exigences et marquage

Wand- und Deckenbekleidung aus Massivholz im  
Innen- und Außenbereich - Eigenschaften,  
Anforderungen und Kennzeichnung

This draft amendment is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 175.

This draft amendment A1, if approved, will modify the European Standard EN 14915:2013. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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**

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## European foreword

This document (EN 14915:2013/FprA1:2016) has been prepared by Technical Committee CEN/TC 175 "Round and sawn timber", the secretariat of which is held by AFNOR.

This document is currently submitted to the Unique Acceptance Procedure.

This amendment modifies EN 14915:2013 identifying those clauses of the standard which are needed for the compliance of the European Standard with the Construction Products Regulation (CPR).

This amendment introduces:

- a) a new title;
- b) an alternative conditioning in 5.1 "reaction to fire";
- c) a new Clause 6 "Assessment and verification of constancy of performance – AVCP" replacing the existing clause "Evaluation of conformity";
- d) a new Annex ZA;
- e) editorial changes.

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

## EN 14915:2013/FprA1:2016 (E)

**1 Modifications to the title of the European Standard**

*Replace the existing title with the following title: "Solid wood panelling and cladding — Characteristics, requirements and marking"*

**2 Modifications to the Foreword**

*Replace the existing paragraph referring to the relationship with EU Directive(s) with the following paragraph: „For relationship with EU Construction Products Regulation (CPR), see informative Annex ZA, which is an integral part of this standard.“*

**3 Modifications to Clause 2****Replace**

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

*by*

*"EN 350, Durability of wood and wood-based products — Testing and classification of the durability to biological agents of wood and wood-based materials"*

**4 Modifications to the Scope**

*Replace the sentence "It provides for the evaluation of conformity and the requirements for marking these products." with the following: "It provides for the assessment and verification of constancy of performance and the requirements for marking these products."*

**5 Modifications to Clause 3 "Terms and definitions"**

*Add to 3.2 the following note: "Note 1 to entry: For the purpose of this document panelling relates to interior applications; cladding to exterior applications."*

**6 Modifications to Clause 4 "Requirements"**

*Delete 4.1, 4.2, 4.3, 4.4 and 4.5.*

*Renumber remaining 4.6 into Clause 4.*

*The following sub clauses change in numbering. Cross-references within the document need to be updated.*

*Add a paragraph after the paragraph of the new 4.1 "Biological durability":*

*"If sapwood is not specifically excluded this shall be identified."*

*Change the term "timber" into "wood" in the whole new 4.2 "Timber treated against biological attack" as shown below:*

*"4.2 Wood treated against biological attack"*

*"4.2.1 General "*

"Wood treated against biological attack shall meet regulatory requirements valid in the place of use of the products."

"4.2.2 Wood"

## 7 Modifications to 5.1 "Reaction to fire"

*Add the following sentence at the end of the 2<sup>nd</sup> paragraph:* "Given that climatic conditions provided for testing in EN 13501-1 represent average interior climatic conditions, as an alternative for exterior use to represent average exterior conditions, the test specimen may be conditioned at 20 °C and 65 % relative humidity."

## 8 Modifications to 5.2

*Change the word "are" by "shall be" in the second sentence of 5.2.1.*

## 9 Modifications to 5.6 "Thermal conductivity"

*Delete "or sidings" in the first sentence of the first paragraph.*

## 10 Modifications to Clause 6 "Evaluation of conformity"

*Replace the existing Clause 6 "Evaluation of conformity" with the new Clause 6 "Assessment and verification of constancy of performance - AVCP":*

"

## 6 Assessment and verification of constancy of performance - AVCP

### 6.1 General

The compliance of solid wood panelling product and cladding product with the requirements of this standard and with the performance declared by the manufacturer in the DoP shall be demonstrated by:

- determination of the product-type on the basis of type testing;
- factory production control by the manufacturer, including product assessment.

### 6.2 Type testing

#### 6.2.1 General

All performance related to characteristics included in this standard shall be determined when the manufacturer intends to declare the respective performance unless the standard gives provisions for declaring them without performing tests. (e.g. use of previously existing data, CWFT and conventionally accepted performance).

Assessment previously performed in accordance with the provisions of this standard, may be taken into account provided that they were made to the same or a more rigorous test method, under the same AVCP system on the same product-type, such that the results are applicable to the product in question.

NOTE 1 Same AVCP system means testing by an independent third party laboratory where relevant, under the responsibility of a notified product certification body where relevant.

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For the purposes of assessment, the manufacturer's products may be grouped into families, where it is considered that the results for one or more characteristics from any one product within the family are representative for that same characteristics for all products within that same family.

NOTE 2 Products may be grouped in different families for different characteristics.

Reference to the assessment method standards should be made to allow the selection of a suitable representative sample.

In addition, the determination of the product-type shall be performed for all essential characteristics included in the standard for which the manufacturer declares the performance:

- at the beginning of the production of a new or modified solid wood panelling product and cladding product (unless it is a member of a same product range), or
- at the beginning of a new or modified method of production (where this may affect the stated properties); or
- they shall be repeated for the appropriate essential characteristic(s), whenever a change occurs in the solid wood panelling product and cladding product design, in the raw material or in the supplier of the components, or in the method of production (subject to the definition of a family), which would affect significantly one or more of the performance.

Where components are used whose performance have already been determined, by the component manufacturer, on the basis of assessment methods of other product standards, these performance need not be re-assessed. The specifications of these components shall be documented.

Products bearing regulatory marking in accordance with appropriate harmonized European specifications may be presumed to have the performance declared in the DoP, although this does not replace the responsibility on solid wood panelling product and cladding product manufacturer to ensure that the solid wood panelling product and cladding product as a whole is correctly manufactured and its component products have the declared performance values.

### 6.2.2 Test samples, testing and compliance criteria

The number of samples of solid wood panelling product and cladding product to be tested/assessed shall be in accordance with Table 5.

**Table 5 — Number of samples to be tested and compliance criteria**

Characteristic	Requirement	Assessment method	No. of samples [to be assessed]	Compliance criteria
<b>Reaction to fire</b>	5.1	Table 1 or EN 13501-1	CWFT, see Table 1  EN 13501-1	Table 1  Classes according to EN 13501-1
<b>Release of dangerous substances</b>				
<b>Release of formaldehyde</b>	5.2.1	Annex C	see Annex C	Only for internal use According to Annex C E1 or E2
<b>Content of</b>	5.2.2	CEN/TR 14823	See	Only for internal use according to



<b>pentachlorophenol</b>			CEN/TR 14823	CEN/TR 14823 > $5 \times 10^{-6n}$ or $\leq 5 \times 10^{-6n}$
<b>Release of other dangerous substances</b>	5.3		As relevant according to 5.3	Only for internal use As relevant acc. to 5.3
<b>Water vapour permeability</b>	5.4	Table 2 or EN ISO 12572	-	Not when there is an air gap between cladding/panelling and wall. Tested in accordance with 5.4 and value not under declared value.
<b>Sound absorption</b>	5.5	Table 3 or EN ISO 354	-	Only for internal use Value not under declared value
<b>Thermal resistance expressed as thermal conductivity</b>	5.6	5.6	-	Only for internal use See 5.6 Value not under declared value
<b>Resistance to fixings</b>	5.7	5.7	-	See 5.7
<b>Durability</b>				
<b>Biological durability</b>	4.1	For species listed in EN 350 For species and origins not listed in EN 350, assessed according to EN 350	-	Natural durability in accordance with EN 350 Value same as the declared value
<b>Wood treated against biological attack</b>	4.2	See 4.2.1	-	See 4.2.1

### 6.2.3 Test reports

The results of the determination of the product type shall be documented in test reports. All test reports shall be retained by the manufacturer for at least 10 years after the last date of production of the solid wood panelling product and cladding product to which they relate.

### 6.2.4 Shared other party results

A manufacturer may use the results of the product type determination obtained by someone else (e.g. by another manufacturer, as a common service to manufacturers, or by a product developer), to justify his own declaration of performance regarding a product that is manufactured according to the same

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design and with raw materials, constituents and manufacturing methods of the same kind, provided that:

- the results are known to be valid for products with the same essential characteristics relevant for the product performance;
- in addition to any information essential for confirming that the product has such same performances related to specific essential characteristics, the other party who has carried out the determination of the product type concerned or has had it carried out, has expressly accepted<sup>1)</sup> to transmit to the manufacturer the results and the test report to be used for the latter's product type determination, as well as information regarding production facilities and the production control process that can be taken into account for FPC;
- the manufacturer using other party results accepts to remain responsible for the product having the declared performances and he also:
  - ensures that the product has the same characteristics relevant for performance as the one that has been subjected to the determination of the product type, and that there are no significant differences with regard to production facilities and the production control process compared to that used for the product that was subjected to the determination of the product type;
  - keeps available a copy of the determination of the product type report that also contains the information needed for verifying that the product is manufactured according to the same design and with raw materials, constituents and manufacturing methods of the same kind.

**6.3 Factory production control (FPC)****6.3.1 General**

The manufacturer shall establish, document and maintain an FPC system to ensure that the products placed on the market comply with the declared performance of the essential characteristics.

The FPC system shall consist of procedures, regular inspections and tests and/or assessments and the use of the results to control raw and other incoming materials or components, equipment, the production process and the product.

All the elements, requirements and provisions adopted by the manufacturer shall be documented.

In case the manufacturer has used shared or cascading product type results, the FPC shall also include the appropriate documentation as foreseen in 6.2.4.

**6.3.2 Requirements****6.3.2.1 General**

The effective implementation of the FPC system shall be organised in line with the content of this product standard. Tasks and responsibilities in the production control organization shall be documented and this documentation shall be kept up-to-date.

The responsibility, authority and the relationship between personnel that manages, performs or verifies work affecting constancy of performance of the product, shall be defined. This applies in particular to

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1) The formulation of such an agreement can be done by licence, contract, or any other type of written consent.