SLOVENSKI STANDARD
SIST EN 14762:2006

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Lesene talne obloge – Vzorčenje za potrjevanje skladnosti

Wood flooring - Sampling procedures for evaluation of conformity

Holzfußböden - Probenahme und Bewertung der Konformität

Plancher en bois - Procédures d'échantillonnage pour l'évaluation de la conformité

Ta slovenski standard je istoveten z: **EN 14762:2006**

ICS:

79.080	Polizdelki iz lesa	Semi-manufactures of timber
97.150	Netekstilne talne obloge	Non-textile floor coverings

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Wood flooring - Sampling procedures for evaluation of conformity

Plancher en bois - Procédures d'échantillonnage pour l'évaluation de la conformité

Holzfußböden - Probenahme und Bewertung der Konformität

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Foreword

This European Standard (EN 14762:2006) 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of an identical text or by endorsement, at the latest by August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

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

1 Scope

This European Standard defines the sampling procedures to be used for the evaluation of conformity in product standards for a batch of wood flooring elements at the time of first delivery of the product.

It applies separately to each of the following characteristics: moisture content, dimensions and appearance.

For the other characteristics, an evaluation procedure has to be defined case by case.

This European Standard applies to EN 13226, EN 13227, EN 13228, EN 13488, EN 13629 and EN 14761.

For EN 13489, only moisture and dimensions are concerned.

This European Standard does not apply to EN 13990.

2 Normative references

The following referenced documents are indispensable for the application of this European Standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13756:2002, *Wood flooring — Terminology*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*

3 Terms and definitions

For the purpose of this European Standard, the terms and definitions given in EN 13756:2002 and the following apply.

3.1
batch
limited amount of elements delivered in one occasion, which can be assembled together and where the elements are defined to be in accordance to requirements

3.2
batch size
N
number of elements in a batch

3.3
sample
elements taken from the same batch for evaluation of conformity

3.4
sample size
n
number of elements in a sample

3.5
sampling element
one of the elements in the sample

3.6
acceptance limit
Ac
maximum number of non conforming elements in the sample to accept the batch

3.7
non acceptance limit
NAc
minimum number of non conforming elements in the sample to not accept the batch

4 Rules for evaluation of conformity

4.1 Sampling

The sampling plan in Table 1 is based upon ISO 2859-1. The AQL (Acceptance Quality Limit) value is set to 6,5, normal control level = 2. Table 1 shows the number of elements to be evaluated. The elements shall be picked randomly from the batch. The sample shall be evaluated for the product characteristics in 4.2 (all of them in the same sample).

For moisture content, 10 test pieces shall be picked randomly from each sampling and the average value is calculated and used in 4.2.

4.2 Evaluation of conformity

4.2.1 General

The elements in the sample shall be evaluated individually for:

- wood species;
- grading;
- geometrical characteristics;
- moisture content (average value, see 4.1 above);
- other characteristics.

4.2.2 Wood species

The evaluation is done by visual inspection and by measurements.

4.2.3 Grading

The elements shall be in accordance with the limits specified in the product standards or in the contract. The evaluation is done by visual inspection.

4.2.4 Geometrical characteristics

The geometrical characteristics of the elements shall be in accordance with the limits specified in the product standards as listed in Clause 1 or in the contract.

4.2.5 Moisture content

The moisture content of the elements shall be in accordance with the limits specified in the product standards or in the contract.

The method is determined on the basis of the product standard as listed in Clause 1.

4.2.6 Other characteristics

They shall be in accordance with the limits specified in the product standard as listed in Clause 1.

4.3 Conclusion of evaluation

When counting non conforming elements, all the non conforming product characteristics in 4.2 shall be considered, but only one non conforming characteristic per element shall be counted.

The batch is considered as accepted when the number of non conforming elements are within the acceptance limit specified for each batch size in Table 1.

If the number of non conforming elements exceeds or equals the rejection limit after the first sample, the batch shall be considered as rejected.

If the number of non conforming elements are between the acceptance limit and the non acceptance limit after the first sample, a second sample shall be taken.

The batch is considered as accepted when the number of non conforming elements are within the non acceptance limit for the second sample.

If the number of non conforming elements exceeds or equals the non acceptance limit after the second sample, the batch shall be considered as rejected.

5 Sampling report

The party that performs the sampling shall prepare a report. This report shall include at least the following information.

- name of the party that requests inspection;
- name of the producer;
- product information (wood species, grading, evaluation date);
- batch size (*N*) ;
- sample size (*n) ;*
- result of the evaluation. The causes for non conformance shall be properly described.

Table 1 – Acceptance /non acceptance limits according to the batch size

Batch size	First sampling				Second sampling (if required)		
	Sample size 1st sample	Number of non conforming elements in sample 1			Sample size 2nd sample	Number of non conforming elements in sample 1 and sample 2 together	
		Ac	Additional sampling required	NAc		Ac	NAc
2 to 8	2	0	-	1			
9 to 15	2	0	-	1			
16 to 25	3	0	1	2	3	1	2
26 to 50	5	0	1	2	5	1	2
51 to 90	8	0	1 to 2	3	8	3	4
91 to 150	13	1	2 to 3	4	13	4	5