



SLOVENSKI STANDARD
SIST-TS CEN/TS 15676:2008
01-april-2008

Lesene talne obloge - Odpornost proti zdrsu - Preskus z nihalom

Wood flooring - Slip resistance - Pendulum test

Holzfußböden - Gleitwiderstand - Pendelprüfung

Plancher en bois - Résistance a la glissance - Essai au pendule

Ta slovenski standard je istoveten z: CEN/TS 15676:2007

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ICS:

79.080

97.150

SIST-TS CEN/TS 15676:2008

en,fr,de

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English Version

Wood flooring - Slip resistance - Pendulum test

Plancher en bois - Résistance à la glissance - Essai au pendule

Holzfußböden - Gleitwiderstand - Pendelprüfung

This Technical Specification (CEN/TS) was approved by CEN on 27 October 2007 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Test method.....	4
4.1 Principle.....	4
4.2 Apparatus	4
4.3 Calibration	10
4.4 Sampling	10
4.5 Conditioning.....	10
4.6 Procedure	10
4.7 Calculation of test results	10
4.8 Test report	11
Annex A (informative) Measurement on wet surface.....	12
Bibliography	13

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<https://standards.iteh.ai/catalog/standards/sist/4dcca033-c924-4c02-ab1e-c88e6dfed75e/sist-ts-cen-ts-15676-2008>

Foreword

This document (CEN/TS 15676:2007) has been prepared by Technical Committee CEN/TC 175 “Round and sawn timber”, the secretariat of which is held by AFNOR.

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1 Scope

This Technical Specification specifies the method of applying the pendulum test to wood flooring, in order to determine the slip resistance.

2 Normative references

The following referenced documents are indispensable for the application 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 13756:2002, *Wood flooring — Terminology*

ISO 7619-2, *Rubber, vulcanised or thermoplastic — Determination of indentation hardness — Part 2: IRHD pocket meter method*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 13756:2002 apply.

4 Test method

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4.1 Principle

The measurement of slip resistance on the specimen is made using the pendulum friction test equipment to evaluate the frictional properties of the specimen on the upper face.

The pendulum friction test equipment incorporates a spring loaded slider made of a standard rubber attached to the end of the pendulum. On swinging the pendulum the frictional force between the slider and test surface is measured by the reduction in length of the swing using a calibrated scale.

Due to the intended uses of the wood flooring the measurement is carried out on dried surface (see Annex A for wet measurement).

4.2 Apparatus

4.2.1 The pendulum friction test equipment shall be manufactured as show in Figure 1. All bearings and working parts shall be enclosed as far as possible.

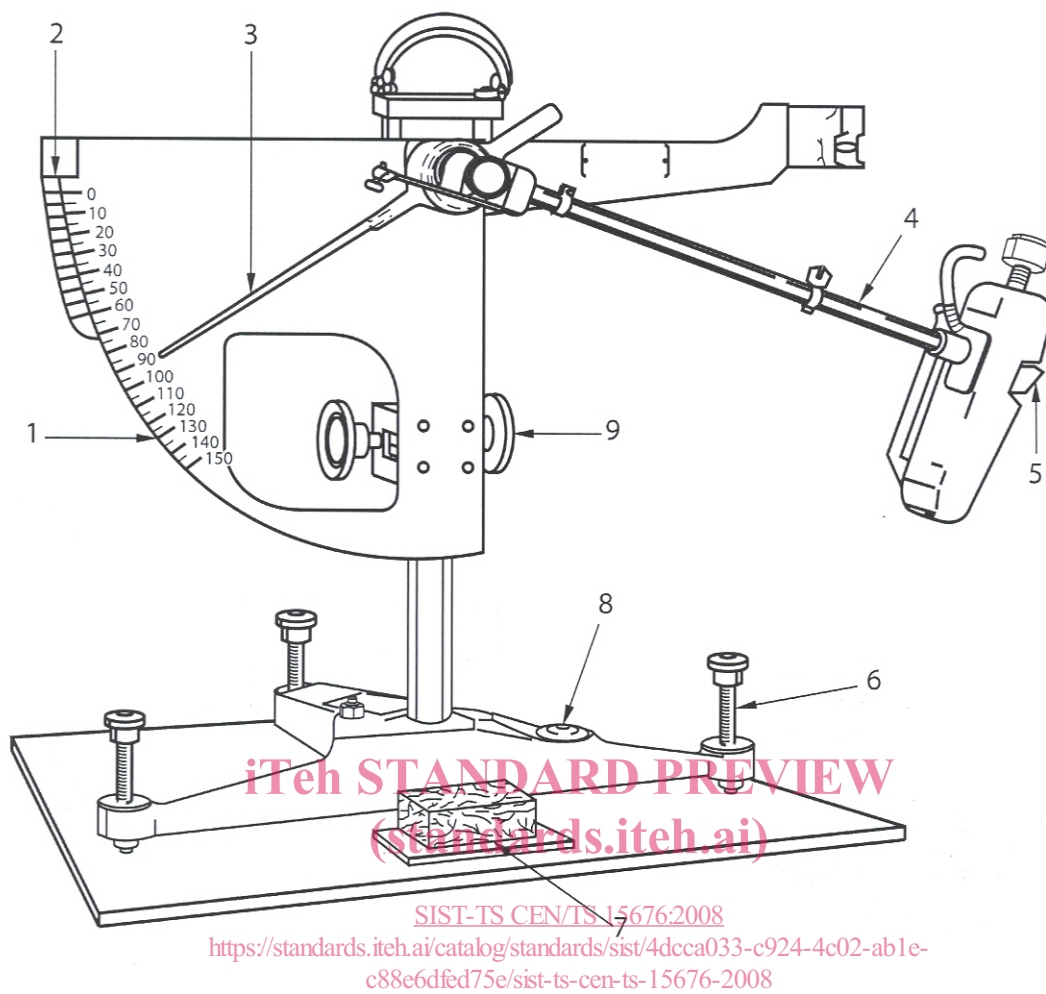


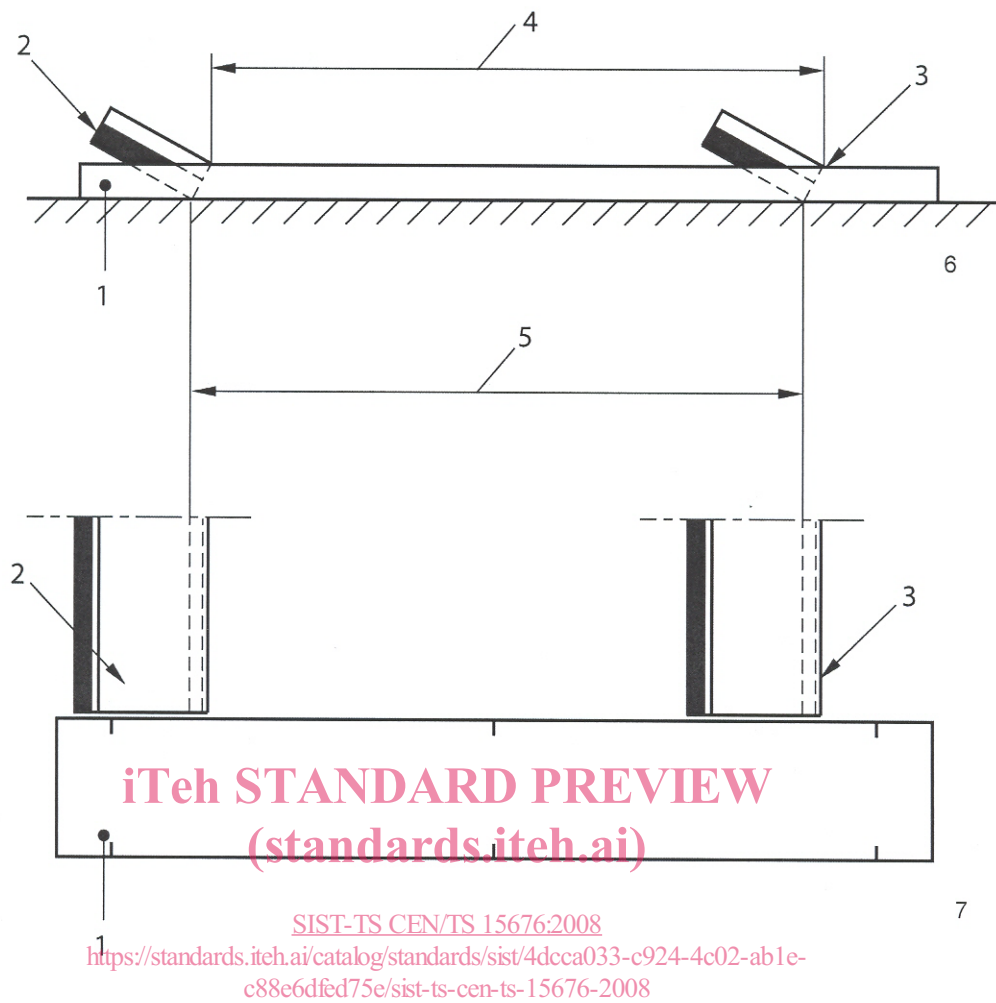
Figure 1 — Pendulum friction test equipment

4.2.2 The pendulum test equipment shall have the following features:

- 1) a spring loaded rubber coated slider as specified in 4.2.4 to 4.2.10. It shall be mounted on the end of a pendulum arm so that the sliding edge is (510 ± 1) mm from the axis of suspension;
- 2) means of setting the support column of the equipment vertical;
- 3) a base of sufficient mass to ensure the equipment remains stable during the test;
- 4) means of raising and lowering of suspension of the pendulum arm so that the slider can:
 - swing clear of the surface of the specimen and
 - be set to traverse a surface over a fixed length of (126 ± 1) mm. A gauge with this distance marked is required as shown in Figure 2.

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**Key**

- 1 gauge
- 2 slider
- 3 reference edge
- 4 sliding length
- 5 actual sliding length

Figure 2 — Sliding length gauge