

ICS 97.150

English Version

Wood flooring - Slip resistance - Pendulum test

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

Holzfußböden - Gleitwiderstand - Pendelprüfung

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

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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

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.