

**Isikukaitsevahendid. Jalanõud. Libisemiskindluse
katsemeetod (ISO 13287:2012)**

**Personal protective equipment - Footwear - Test method
for slip resistance (ISO 13287:2012)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 13287:2012 sisaldab Euroopa standardi EN ISO 13287:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 13287:2012 consists of the English text of the European standard EN ISO 13287:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 15.10.2012.	Date of Availability of the European standard is 15.10.2012.
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English Version

Personal protective equipment - Footwear - Test method for slip
resistance (ISO 13287:2012)

Équipement de protection individuelle - Chaussures -
Méthode d'essai pour la résistance au glissement (ISO
13287:2012)

Persönliche Schutzausrüstung - Schuhe - Prüfverfahren zur
Bestimmung der Rutschhemmung (ISO 13287:2012)

This European Standard was approved by CEN on 14 October 2012.

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Foreword

This document (EN ISO 13287:2012) has been prepared by Technical Committee CEN/TC 161 "Foot and leg protectors", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 94 "Personal safety - Protective clothing and equipment".

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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 13287:2007.

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.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

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

Annex ZA
(informative)
**Relationship between this European Standard and the Essential
Requirements of EU Directive 89/686/EEC**

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to the Essential Requirements of the New Approach Directive (89/686/EEC).

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard, together with the relevant requirements given in the product standards, confers within the limits of the scope of those standards, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations."

The clauses of this European Standard specify a test method for the relevant requirement of safety, protective or occupational footwear to support the essential requirement 3.1.2.1 of Directive 89/686/EEC, Annex II.

WARNING: Other requirements and other EU Directives may be applicable to products falling within the scope of this standard.

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Personal protective equipment — Footwear — Test method for slip resistance

1 Scope

This International Standard specifies a method of test for the slip resistance of PPE footwear. It is not applicable to special purpose footwear containing spikes, metal studs or similar.

NOTE For product development purposes, sole units or other soling components such as top pieces may be tested.

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.

ISO 4287, *Geometrical Product Specifications (GPS) — Surface texture: Profile method — Terms, definitions and surface texture parameters*

ISO 4662, *Rubber, vulcanized or thermoplastic — Determination of rebound resilience*

3 Terms and definitions

For the purposes of this International Standard, the following terms and definitions apply.

3.1

normal force

force applied to the surface through the footwear, perpendicular (90°) to the surface

NOTE The force includes the weight of the footwear, shoemaking last (4.1.1 or 4.1.2) or mechanical foot (4.1.3) and mounting.

3.2

frictional force

force parallel to the surface and against the direction of movement arising when footwear slides over a surface

3.3

coefficient of friction

CoF

ratio of the frictional force divided by the normal force

3.4

static contact time

time between initial contact of the footwear with the surface achieving a normal force of 50 N and the beginning of movement

3.5

measurement period

time interval during which the frictional force measurement is taken and during which the test conditions are satisfied

3.6

floor

material (flooring), without contaminant (lubricant), to be used as the test surface