



NSAI
Standards

Irish Standard
I.S. EN ISO 13287:2012

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

© CEN 2012

No copying without NSAI permission except as permitted by copyright law.

I.S. EN ISO 13287:2012

Incorporating amendments/corrigenda/National Annexes issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWIFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

This document replaces:
EN ISO 13287:2007

This document is based on:
EN ISO 13287:2012

Published:
24 October, 2012

This document was published
under the authority of the NSAI
and comes into effect on:
24 October, 2012

ICS number:
13.340.50

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

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.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists 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.

CEN members are the national standards bodies of 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 United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/686/EEC.....	4

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.

I.S. EN ISO 13287:2012
INTERNATIONAL
STANDARD

ISO
13287

Second edition
2012-10-15

**Personal protective equipment —
Footwear — Test method for slip resistance**

*Équipement de protection individuelle — Chaussures — Méthode
d'essai pour la résistance au glissement*



Reference number
ISO 13287:2012(E)

© ISO 2012



COPYRIGHT PROTECTED DOCUMENT

© ISO 2012

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Apparatus and materials	2
5 Sampling and conditioning	3
5.1 Sampling	3
5.2 Conditioning	3
6 Test method	4
6.1 Principle	4
6.2 Test modes and test conditions	4
7 Preparation of footwear and floor	8
7.1 Footwear	8
7.2 Floor	10
8 Procedure	10
9 Test report	11
Annex A (normative) Standard shoemaking last and mechanical foot for testing footwear	12
Annex B (informative) Background information relating to Eurotile 1 and Eurotile 2	14
Annex C (normative) Specification of Eurotile 1	15
Annex D (normative) Specification of Eurotile 2 (OFIR)	16
Annex E (normative) Calibration procedure for Eurotile tiles and other test surfaces	17
Bibliography	20

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 13287 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 161, *Foot and leg protectors*, in collaboration with ISO Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, Subcommittee SC 3, *Foot protection*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 13287:2006), which has been restructured for ease of use, more precisely specified in many areas and technically revised. The main technical revisions are:

- Subclause 4.1.2 and Clause 6 allow the use of the footwear manufacturer's shoemaking last;
- Subclauses 4.5 and 8.9 and Annexes B and D introduce ceramic tile Eurotile 2 as a replacement for Eurotile 1 (Annex C);
- Subclause 6.2.4 changes a timing parameter in the test;
- Subclauses 7.1.6 and 7.2.4 limit the amount of use of footwear and floor specimens before requiring re-preparation;
- Annex E has been added, which amends and supersedes ISO 20344:2011, 5.11.2, including a technical change in E.4.6.

The Bibliography refers to an instructional video available to users of this International Standard.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-