

Isikukaitsevahendid. Tööjalatsid (ISO 20347:2012)

**Personal protective equipment - Occupational footwear
(ISO 20347:2012)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

**Personal protective equipment - Occupational footwear (ISO
20347:2012)**

Équipement de protection individuelle - Chaussures de
travail (ISO 20347:2012)

Persönliche Schutzausrüstung - Berufsschuhe (ISO
20347:2012)

This European Standard was approved by CEN on 28 January 2012.

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COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN ISO 20347:2012) 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of an identical text or by endorsement, at the latest by August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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 20347:2004.

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 organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, 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, 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 one means of conforming to 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 normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZA.1 — Correspondence between this European Standard and Directive 89/686/EEC

Clauses/sub-clauses of this European Standard	Essential requirements (ERs) of EU Directive 89/686/EEC	Qualifying remarks/Notes
	1. General requirements applicable to all PPE	
5.3.3	1.1.1 Ergonomics	
5.3.3	1.1.2.1 Highest level of protection possible	
	1.2 Innocuousness of PPE	
5.3.2; 5.4.8; 5.8.5; 6.2.1.2; 6.2.1.3; 6.2.5; 6.3	1.2.1 Absence of risks and other inherent nuisance factors	
5.4.7; 5.4.9; 5.5.4; 5.5.5; 5.6.2; 5.6.3; 5.7.2; 5.7.5	1.2.1.1 Suitable constituent materials	
5.3.3	1.2.1.2 Satisfactory surface condition of all PPE parts in contact with the user	
5.3.3	1.2.1.3 Maximum user impediment	
	1.3 Comfort and efficiency	
5.3.1.2; 5.4.3; 5.4.4; 5.4.5; 5.5.1; 5.5.2; 5.6.1; 5.7.4; 5.8.2; 5.8.3; 5.8.4; 5.8.6; 6.2.1.4; 6.2.1.5.1; 6.4.1; 6.4.2	1.3.2 Lightness and design strength	
8	1.4 Information supplied by the manufacturer	
5.4.6; 5.5.3	2.2 PPE enclosing the parts of the body to be protected	
6.2.2.1; 6.2.2.2	2.6 PPE for use in explosive atmospheres	
6.1; 7	2.12 PPE bearing one or more identification or recognition marks directly or indirectly relating to health and safety	
	3.1 Protection against mechanical impact	
6.2.4; 6.2.6	3.1.1 Impact caused by falling objects and collision of parts of the body with an obstacle	
5.3.4	3.1.2 Prevention of falls due to slipping	
6.2.1.1; 6.2.1.5.2; 6.2.7	3.3 Protection against physical injury (abrasion, perforation, cuts, bites)	
6.2.3.1	3.6 Protection against heat and/or fire	
6.2.3.2	3.7 Protection against cold	
6.2.2.3	3.8 Protection against electric shock	

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

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Personal protective equipment — Occupational footwear

1 Scope

This International Standard specifies basic and additional (optional) requirements for occupational footwear that is not exposed to any mechanical risks (impact or compression).

Special risks are covered by complementary job-related standards (e.g. footwear for firefighters, electrical insulating footwear, protection against chain saw injuries, protection against chemicals and against molten metal splash, protection for motor cycle riders).

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.

ISO 17075, *Leather — Chemical tests — Determination of chromium(VI) content*

ISO 20344:2011, *Personal protective equipment — Test methods for footwear*

ISO 20345:2011, *Personal protective equipment — Safety footwear*

EN 12568:2010, *Foot and leg protectors — Requirements and test methods for toecaps and penetration resistant inserts*

EN 50321, *Electrically insulating footwear for working on low voltage installations*

3 Terms and definitions

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

NOTE The component parts of footwear are illustrated in Figures 1 and 2.

3.1

occupational footwear

footwear incorporating protective features to protect the wearer from injuries which could arise through accidents

3.2

leather

hide or skin tanned to be imputrescible

3.2.1

leather split

flesh or middle part of a hide or skin, obtained by splitting a thick leather, which is tanned to be imputrescible