

# **SLOVENSKI STANDARD**

## **SIST EN 346-2:1996**

**01-december-1996**

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### **Varovalna obutev za poklicno uporabo - 2. del: Dodatne specifikacije**

Protective footwear for professional use - Part 2: Additional specifications

Schutzschuhe für den gewerblichen Gebrauch - Teil 2: Zusätzliche Spezifikation

Chaussures de protection a usage professionnel - Partie 2: Spécifications additionnelles

**Ta slovenski standard je istoveten z: EN 346-2:1996**

[SIST EN 346-2:1996](https://standards.iteh.ai/catalog/standards/sist/f80bb9a3-94a1-4c8e-bbeb-e22c41f079ab/sist-en-346-2-1996)

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#### **ICS:**

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EUROPEAN STANDARD

EN 346-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1996

ICS 13.340.10

Descriptors: personal protective equipment, accident prevention, work safety, footswear, boots, specifications, water resistance, classifications, marking, symbols

English version

## Protective footwear for professional use - Part 2: Additional specifications

Chaussures de protection à usage professionnel  
- Partie 2: Spécifications additionnelles

Schutzschuhe für den gewerblichen Gebrauch -  
Teil 2: Zusätzliche Spezifikation

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# CEN

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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Annex ZA (informative) Clauses of this European Standard addressing essential requirements or other provisions of EU Directives

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## Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 161 'Foot and leg protectors', the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by January 1997, and conflicting national standards shall be withdrawn at the latest by January 1997.

This European Standard 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(s).

This European Standard was originally submitted to the CEN enquiry as prEN 192. A modification to the number of the draft was required by CEN/TC 161 and consequently this European Standard is being issued as EN 346-2. Subsequent to the issue of EN 346-2, EN 346:1992 will be renumbered as EN 346-1 in order to maintain clarity in the identifier for EN 346. A similar situation exists for EN 344, EN 345 and EN 347.

For relationship with EU Directive(s), see informative Annex ZA which is an integral part of this standard.

## iTeh STANDARD PREVIEW

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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## 0 Introduction

This standard extends the scope of EN 346 by specifying further properties which may be needed in protective footwear for professional use. It cross-refers to EN 346:1992<sup>1)</sup> for the basic requirements which are mandatory for all items of protective footwear and, if desired, allows other combinations of properties to be specified by the selection of appropriate optional requirements from table 3 of EN 346:1992<sup>1)</sup>.

## 1 Scope

This European Standard specifies, by reference to EN 344:1992<sup>1)</sup> and EN 344-2, additional requirements for protective footwear, relating to water resistance, metatarsal protection and cut resistance.

Basic and further optional requirements for protective footwear are given in EN 346:1992<sup>1)</sup>.

## 2 Normative references

This European Standard incorporates by dated or undated references, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<https://standards.iteh.ai/catalog/standards/sist/f80bb9a3-94a1-4c8e-bbeb-e22c41f079ab/sist-en-346-2-1996>

EN 344:1992 <sup>1)</sup>	Requirements and test methods for safety, protective and occupational footwear for professional use
EN 346:1992 <sup>1)</sup>	Specification for protective footwear for professional use
EN 344-2:1996	Safety, protective and occupational footwear for professional use - Part 2: Additional requirements and test methods

## 3 Definitions

For the purposes of this standard, the definitions given in EN 344:1992 and EN 346:1992 apply.

## 4 Classification

Footwear shall be classified in accordance with table 1 of EN 346:1992.

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<sup>1)</sup> Subsequent to the issue of EN 344-2 und EN 346-2, EN 344: 1992 and EN 346:1992 will be renumbered into Parts 1.

## 5 Protective footwear with resistance to water

### 5.1 Performance

Footwear shall comply with the basic requirements specified in table 2 of EN 346:1992 and with the requirement given in table 1.

**Table 1 : Protective footwear with resistance to water**

Requirement	Appropriate clause in EN 344-2:1996	Classification I
Resistance to water	4.2	X
NOTE : X indicates that the requirement shall be met.		

### 5.2 Marking

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of EN 346:1992 and with the symbol WR.

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## 6 Protective footwear with metatarsal protection

### 6.1 Performance

Footwear shall comply with the basic requirements specified in table 2 of EN 346:1992 and with the requirements given in table 2.

**Table 2 : Protective footwear with metatarsal protection**

Requirement	Appropriate clause in EN 344-2:1996	Classification	
		I	II
Construction	4.5.1.1	X	X
	4.5.1.2	X	X
	4.5.1.3	X	X
Impact resistance of metatarsal protective device	4.5.2	X	X
NOTE : X indicates that the requirement shall be met.			

### 6.2 Marking

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of EN 346:1992 and with the symbol M.

**7 Protective footwear with cut resistance****7.1 Performance**

Footwear shall comply with the basic requirements specified in table 2 of EN 346:1992, except where otherwise indicated, and with the requirements given in table 3.

**Table 3 : Protective footwear with cut resistance**

Requirement	Appropriate clause in		Classification		Indication of change to basic requirements
	EN 344:1992	EN 344 -2 : 1996	I	II	
Penetration resistance	4.3.3		X	X	Becomes mandatory requirement
Design		4.6.1	X	X	Limitation on designs permitted in EN 346:1992
Construction		4.6.2	X	X	
Resistance to cutting		4.6.3	X	X	
NOTE : X indicates that the requirement shall be met.					

**7.2 Marking**

Each item of protective footwear shall be clearly and permanently marked, for example by embossing or branding, as specified in clause 6 of EN 346:1992 and with the symbol CR.