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Footwear protecting against chemicals - Part 1: Terminology and test methods

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/19

Rozpracovanie prekladom.

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English Version

Footwear protecting against chemicals - Part 1: Terminology and test methods

Chaussures protégeant contre les produits chimiques -
Partie 1 : Terminologie et méthodes d'essais

Schuhe zum Schutz gegen Chemikalien - Teil 1:
Terminologie und Prüfverfahren

This European Standard was approved by CEN on 20 May 2018.

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.

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

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EN 13832-1:2018 (E)

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European foreword

This document (EN 13832-1:2018) has been prepared by Technical Committee CEN/TC 161 “Foot and leg protection”, 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of an identical text or by endorsement, at the latest by April 2019, and conflicting national standards shall be withdrawn at the latest by April 2019.

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

This document supersedes EN 13832-1:2006.

EN 13832, *Footwear protecting against chemicals*, is published in three parts:

- Part 1: Terminology and test methods
- Part 2: Requirements for limited contact with chemicals
- Part 3: Requirements for prolonged contact with chemicals

This standard is intended for use in conjunction with EN ISO 20345, EN ISO 20346 and EN ISO 20347.

Overview of major technical changes compared to the previous edition:

- New splashing test
- Reference to the new permeation standard EN 16523-1
- Annex B for damages assessment

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

EN 13832-1:2018 (E)**1 Scope**

This European Standard specifies test methods for the determination of the resistance of footwear against selected chemicals under the following contact situations: splashing, degradation, and permeation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 16523-1:2015, *Determination of material resistance to permeation by chemicals - Part 1: Permeation by liquid chemical under conditions of continuous contact*

EN ISO 868:2003, *Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness) (ISO 868:2003)*

EN ISO 20344:2011, *Personal protective equipment - Test methods for footwear (ISO 20344:2011)*

ISO 23529, *Rubber - General procedures for preparing and conditioning test pieces for physical test methods*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN