



**SLOVENSKI STANDARD**  
**SIST EN 13520:2004/A1:2005**

**01-april-2005**

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**Obutev - Preskusne metode za zunanje zgornje materiale, podloge in vložke -  
Odpornost proti odrgnjenju**

Footwear - Test methods for uppers, lining and insoles - Abrasion resistance

Schuhe - Prüfverfahren für Obermaterialien, Futter und Decksohlen - Abriebfestigkeit

Chaussures - Méthodes d'essai des tiges, de la doublure et des premières de propreté -  
Résistance à l'abrasion

[SIST EN 13520:2004/A1:2005](https://standards.iteh.ai/catalog/standards/sist/773d7f33-36b0-4995-b08e-435f406d3ca1/sist-en-13520-2004-a1-2005)

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**Ta slovenski standard je istoveten z: EN 13520:2001/A1:2004**

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**ICS:**

61.060

Obuvala

Footwear

**SIST EN 13520:2004/A1:2005**

**en**

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EUROPEAN STANDARD

**EN 13520:2001/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2004

ICS 61.060

English version

**Footwear - Test methods for uppers, lining and insoles -  
Abrasion resistance**Chaussures - Méthodes d'essai des tiges, de la doublure et  
des premières de propreté - Résistance à l'abrasionSchuhe - Prüfverfahren für Obermaterialien, Futter und  
Decksohlen - Abriebfestigkeit

This amendment A1 modifies the European Standard EN 13520:2001; it was approved by CEN on 28 October 2004.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

Management Centre: rue de Stassart, 36 B-1050 Brussels

**EN 13520:2001/A1:2004 (E)****Foreword**

This document (EN 13520:2001/A1:2004) has been prepared by Technical Committee CEN/TC 309 "Footwear", the secretariat of which is held by AENOR.

This Amendment to the European Standard EN 13520:2001 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2005, and conflicting national standards shall be withdrawn at the latest by June 2005.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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**Subclause 4.1.4:**

Add the following note at the end of the paragraph:

NOTE For a speed of operation of  $5 \text{ rad/s} \pm 0,4 \text{ rad/s}$ , the speed of rotation of outer hubs of tester is  $48 \text{ rev/min} \pm 2 \text{ rev/min}$ .

**Subclause 4.2:**

In the Table, the rows corresponding to Yarn linear density and Minimum mass per unit area shall be modified as follows:

Yarn linear density	(R63 $\pm$ 2) tex/2	(R74 $\pm$ 2) tex/2
Minimum mass per unit area	190 $\text{gm}^{-2}$	

**Subclause 6.1:**

In the first sentence, replace and with or.

**Clause 7:**

In item a), after the first sentence, introduce the following:

whether it was abraded with abradant fabric (4.2) or abradant paper (4.3).

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