



SLOVENSKI STANDARD
SIST EN 660-1:1999/A1:2003
01-junij-2003

Netekstilne talne obloge - Ugotavljanje odpornosti proti obrabi - 1. del: Stuttgartov preskus

Resilient floor coverings - Determination of wear resistance - Part 1: Stuttgart test

Elastische Bodenbeläge - Ermittlung des Verschleißverhaltens - Teil 1: Stuttgarter Prüfung

Revetements de sol résilients - Détermination de la résistance à l'usure - Partie 1: Essai de Stuttgart

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Ta slovenski standard je istoveten z: EN 660-1:1999/A1:2003

ICS:

97.150 Netekstilne talne obloge Non-textile floor coverings

SIST EN 660-1:1999/A1:2003 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 660-1:1999/A1

April 2003

ICS 97.150

English version

Resilient floor coverings - Determination of wear resistance - Part 1: Stuttgart test

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résistance à l'usure - Partie 1: Essai de Stuttgart

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This amendment A1 modifies the European Standard EN 660-1:1999; it was approved by CEN on 17 January 2003.

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 Management Centre 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 660-1:1999/A1:2003 (E)**Foreword**

This document (EN 660-1:1999/A1:2003) has been prepared by Technical Committee CEN/TC 134 "Resilient, textile and laminate floor coverings", 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 October 2003, and conflicting national standards shall be withdrawn at the latest by October 2003.

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

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Annex A (informative)

Precision of the test method

An interlaboratory trial was carried out between 1998 and 2001, with 14 laboratories testing 17 different materials. The results obtained following elimination of statistical outliers are summarised in Table A.1.

Table A.1 — Wear resistance according to EN 660-1

Sample	Average	St. Dev.	(Av./St.Dev.)×100
WP 2	0,13	0,02	18,2
WP 3	0,73	0,14	18,6
WP 4	0,29	0,05	17,4
WP 5	0,22	0,04	18,2
WP 6	0,69	0,07	10,2
WP 7	0,16	0,01	6,8
WP 11	0,05	0,03	49,2
WP 12	0,19	0,02	12,8
WP 13	0,08	0,01	16,2
WP 14	0,16	0,01	8,7
WP 15	0,15	0,03	18,3
WP 17	0,13	0,02	12,2

Based on the statistical evaluation of results from the same floor coverings tested in different laboratories the confidence limit for this test method at 95 % statistical confidence level is $\leq \pm 15$ %.

This means that if the real average of the thickness loss from one floor covering is 1,00 mm, 95 out of 100 test results will be between 0,85 mm and 1,15 mm. For thickness loss < 0,1 mm the confidence level can be greater than $\leq \pm 15$ %.

Full details of the interlaboratory trial were made available to CEN/TC 134 in document CEN/TC 134 N 1009, circulated on 13 July 2001.