



SLOVENSKI STANDARD SIST EN ISO 11640:2000

01-februar-2000

Usnje - Preskušanje obstojnosti barve - Obstojnost barve proti drgnjenju v dveh nasprotnih smereh (ISO 11640:1993)

Leather - Tests for colour fastness - Colour fastness to cycles of to-and-fro rubbing (ISO 11640:1993)

Leder - Farbechtheitsprüfungen - Bestimmung der Reibechtheit von Färbungen (ISO 11640:1993)

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Cuir - Essais de solidité des teintures - Solidité des teintures au frottement va-et-vient (ISO 11640:1993)

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Ta slovenski standard je istoveten z: EN ISO 11640:1998

ICS:

59.140.30 Usnje in krzno

Leather and furs

SIST EN ISO 11640:2000

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 11640

July 1998

ICS 59.140.30

Descriptors: see ISO document

English version

Leather - Tests for colour fastness - Colour fastness to cycles of
to-and-fro rubbing (ISO 11640:1993)

Cuir - Essais de solidité des teintures - Solidité des
teintures au frottement va-et-vient (ISO 11640:1993)

Leder - Farbechtheitsprüfungen - Bestimmung der
Reibechtheit von Färbungen (ISO 11640:1993)

This European Standard was approved by CEN on 30 April 1998.

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 Central Secretariat 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 Central Secretariat 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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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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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Foreword

The text of the International Standard from Technical Committee ISO/TC 120 "Leather" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 289 "Leather", the secretariat of which is held by UNI.

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 1999, and conflicting national standards shall be withdrawn at the latest by January 1999.

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, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

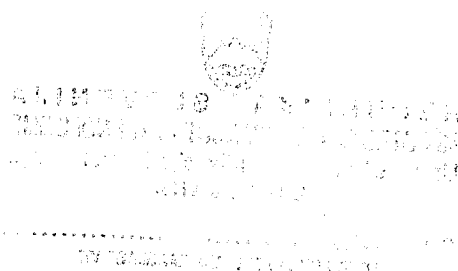
Endorsement notice

The text of the International Standard ISO 11640:1993 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 105-A02	1993	Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour	EN 20105-A02	1994
ISO 105-A03	1993	Textiles - Tests of colour fastness - Part A03: Grey scale for assessing staining	EN 20105-A03	1994
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995
EN ISO 9073-2	1995	Textiles - Test methods for nonwovens - Part 2: Determination of thickness	EN ISO 9073-2	1996

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INTERNATIONAL
STANDARD

ISO
11640

IULTCS/IUF
450

First edition
1993-12-15

**Leather — Tests for colour fastness —
Colour fastness to cycles of to-and-fro
rubbing**

iTeh STANDARD PREVIEW

(standards.iteh.ai)

*Cuir — Essais de solidité des teintures — Solidité des teintures au
frottement va-et-vient*

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Reference number
ISO 11640:1993 (E)
IULTCS/IUF
450, 1993 Edition

ISO 11640:1993(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 11640 was prepared by the Fastness Tests Commission of the International Union of Leather Technologists and Chemists Societies (IUF Commission, IULTCS). It is based on IUF 450 published in *J. Soc. Leather Tech. Chem.*, **71**, pp. 24-25 (1987), and declared an official method of the IULTCS in October 1989.

Annexes A and B of this International Standard are for information only.

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Leather — Tests for colour fastness — Colour fastness to cycles of to-and-fro rubbing

1 Scope

This International Standard specifies a method for determining the behaviour of the surface of a leather on rubbing with felt.

NOTE 1 During the test, the felt may become coloured to a certain extent through transfer of coloured matter, e.g. finish, pigment, dyestuff or buffing dust, and the colour and surface of the leather may become altered.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 105-A02:1993, *Textiles — Tests for colour fastness — Part A02: Grey scale for assessing change in colour.*

ISO 105-A03:1993, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining.*

ISO 2419:1972, *Leather — Conditioning of test pieces for physical tests.*

ISO 3696:1987, *Water for analytical laboratory use — Specification and test methods.*

ISO 9073-2:1989, *Textiles — Test methods for non-wovens — Part 2: Determination of thickness.*

ISO 11641:1993, *Leather — Tests for colour fastness — Colour fastness to perspiration.*

3 Principle

One side of the leather to be tested is rubbed with pieces of reference wool felt under a given pressure for a given number of forward and backward motions.

The change in colour of the pieces of felt and of the leather are assessed with the grey scales. Any other visible change in or damage to the surface of the leather is also reported.

4 Apparatus and materials

4.1 Rub fastness test apparatus¹⁾, incorporating the elements specified in 4.1.1 to 4.1.3 and optionally including those described in 4.1.4.

4.1.1 A carriage with:

- a) a horizontal, completely planar metal platform;
- b) a holder for fastening the leather to the platform, leaving 80 mm exposed;
- c) a device with which the leather may be extended at least 20 % linearly in the direction of rubbing.

1) An example of a suitable apparatus available commercially is given in annex A.