



SLOVENSKI STANDARD
SIST EN ISO 15702:2000

01-februar-2000

Usnje - Preskušanje obstojnosti barve - Obstojnost barve pri strojnem pranju (ISO 15702:1998)

Leather - Tests for colour fastness - Colour fastness to machine washing (ISO 15702:1998)

Leder - Farbechtheitsprüfungen - Bestimmung der Waschechtheit bei Maschinenwäsche (ISO 15702:1998)

Cuir - Essais de solidité des teintures - Solidité des teintures au lavage en machine (ISO 15702:1998)

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Ta slovenski standard je istoveten z: EN ISO 15702:1999

ICS:

59.140.30 Usnje in krzno

Leather and furs

SIST EN ISO 15702:2000

en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 15702

August 1999

ICS 59.140.30

English version

Leather - Tests for colour fastness - Colour fastness to machine
washing (ISO 15702:1998)

Cuir - Essais de solidité des teintures - Solidité des
teintures au lavage en machine (ISO 15702:1998)

Leder - Farbechtheitsprüfungen - Bestimmung der
Waschechtheit bei Maschinenwäsche (ISO 15702:1998)

This European Standard was approved by CEN on 23 July 1999.

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 the "International Union of Leather Technologists and Chemists Societies" 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 February 2000, and conflicting national standards shall be withdrawn at the latest by February 2000.

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 15702:1998 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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STANDARD PREVIEW
OF
SIST EN ISO 15702:2000
LEATHER - DETERMINATION OF
CHROMIUM CONTENT
BY X-RAY FLUORESCENCE
SPECTROMETRY
EN ISO 15702:1998
INTERNATIONAL STANDARD
ISO 15702:1998
INTERNATIONAL UNION OF LEATHER
TECHNOLOGISTS AND CHEMISTS
SOCIETIES

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-A01	1994	Textiles - Tests for colour fastness - Part A01: General principles of testing	EN ISO 105-A01	1995
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 105-A05	1996	Textiles - Tests for colour fastness - Part A05: Instrumental assessment of change-in-colour for determination of grey scale rating	EN ISO 105-A05	1997
ISO 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995

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INTERNATIONAL STANDARD

**ISO
15702**

**IULTCS
IUF 435**

First edition
1998-05-01

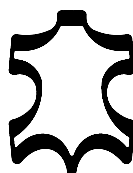
Leather — Tests for colour fastness — Colour fastness to machine washing

*Cuir — Essais de solidité des teintures — Solidité des teintures au lavage
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Reference number
ISO 15702:1998(E)
IULTCS/IUF 435

ISO 15702:1998(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.

iTeh STANDARD PREVIEW

International Standard ISO 15702 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 435 published in *J. Soc. Leather Tech. Chem.*, **76**, pp 180-182 (1992), and declared an official method of the IULTCS in October 1993.

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

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Introduction

In some countries, it has become customary to wash items containing leather components, such as sport shoes, rucksacks etc., in washing machines. Also labels on clothing that are washed in machines are sometimes made of leather. In order to assess leathers designed to be used for such items, a machine washing test method has been developed. This International Standard assesses the colour fastness of such leathers under relatively severe conditions, using an alkaline detergent, which has been developed for textiles. It is not intended to replace ISO 15703, *Leather — Tests for colour fastness — Colour fastness to mild washing*, which assesses the colour fastness of leather to mild hand washing.

The detergent specified in this International Standard contains a high percentage of phosphate, which may affect some leather dyes unfavourably and which is, for environmental reasons, reduced or even banned from use in commercial textile detergents in many countries. But no other internationally agreed detergent is available and it fulfils the purpose of the test, which is to measure the colour fastness of leather to a process that is characteristic for textiles. As soon as such an alternative detergent is agreed on internationally, a revision of this method will be considered.

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