



**SLOVENSKI STANDARD**  
**SIST EN 13336:2004**  
**01-oktober-2004**

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Leather - Upholstery leather characteristics - Guide for selection of leather for furniture  
(ISO/FDIS 16131:2003(E))

Leder - Richtwerte für Möbelleder - Leitfaden zur Auswahl von Möbelleder

**iTeh STANDARD PREVIEW**

Cuir - Caractéristiques des cuirs pour garniture - Guide pour le choix de cuirs pour  
l'ameublement

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Ta slovenski standard je istoveten z: **EN 13336:2004**

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**ICS:**

59.140.30	Usnje in krzno	Leather and furs
97.140	Pohištvo	Furniture

**SIST EN 13336:2004** en

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EUROPEAN STANDARD

EN 13336

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 59.140.30; 97.140

English version

## Leather - Upholstery leather characteristics - Guide for selection of leather for furniture

Cuir - Caractéristiques des cuirs pour garniture - Guide pour le choix de cuirs pour l'ameublement

Leder - Richtwerte für Möbelleder - Leitfaden zur Auswahl von Möbelleder

This European Standard was approved by CEN on 1 July 2004.

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, 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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## Foreword

This document (EN 13336:2004) has been prepared by 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 March 2005, and conflicting national standards shall be withdrawn at the latest by March 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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EN 13336:2004 (E)

## Introduction

This document was prepared by CEN/TC 289 Leather in order to provide the leather and the furniture industries with guidelines on which both seller and buyer can base their negotiations.

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## 1 Scope

This document gives guidelines for the test methods and recommended values for upholstery leather for furniture. This document also specifies the sampling and conditioning procedures of specimens.

## 2 Normative references

The following referenced documents are indispensable for the application 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 1021-1, *Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source: Smouldering cigarette (ISO 8191-1:1987 modified)*

EN 1021-2, *Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source: Match flame equivalent (ISO 8191-2:1988 modified)*

EN ISO 105-B02, *Textiles - Tests for colour fastness. Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:1994)*

EN ISO 2418, *Leather - Chemical, physical, mechanical and fastness tests – Sampling location (ISO 2418:2002)*

EN ISO 2419, *Leather - Physical and mechanical tests - Sample preparation and conditioning (ISO 2419:2002)*

EN ISO 3377-1, *Leather - Physical and mechanical tests - Determination of tear load – Part 1: Single edge tear (ISO 3377-1:2002)*

EN ISO 4044, *Leather - Preparation of chemical test samples (ISO 4044:1977)*

EN ISO 4045, *Leather - Determination of pH (ISO 4045:1977)*

EN ISO 5402, *Leather - Physical and mechanical tests - Determination of flex resistance by flexometer method (ISO 5402:2002)*

EN ISO 11640, *Leather - Tests for colour fastness – colour fastness to cycles of to-and-fro rubbing (ISO 11640:1993)*

EN ISO 15700, *Leather - Tests for colour fastness - Colour fastness to water spotting (ISO 15700:1998)*

EN ISO 17233, *Leather - Physical and mechanical tests - Determination of cold crack temperature of surface coatings (ISO 17233:2002)*

EN ISO 11641, *Leather - Tests for colour fastness - Colour fastness to perspiration (ISO 11641:1993)*

EN ISO 11644, *Leather - Tests for adhesion of finish (ISO 11644:1993)*

ISO 2588, *Leather - Sampling - Number of items for a gross sample*

## 3 Terms and definitions

For the purposes of this document, the terms and definitions given in the "International Glossary of Leather Terms", issued by International Council of Tanners - Second Edition, apply.

**EN 13336:2004 (E)****4 General principles**

This document considers the performance of different types of leather intended for upholstery. The characteristics, recommended values and test methods are stated in Annex A, Clause A.1 Table 1a, 1b and 1c. Subsidiary characteristics are stated in Clause A.2 Table A.2.1.

**5 Sampling**

- 5.1 Laboratory samples shall be located and identified in accordance with EN ISO 2418.
- 5.2 The number of leather samples shall be in accordance with ISO 2588, if not otherwise agreed by the parties.

**6 Conditioning and sampling preparation**

Leather samples shall be conditioned and prepared for physical, mechanical and fastness tests in accordance with EN ISO 2419.

Leather samples for chemical tests shall be conditioned and prepared in accordance with EN ISO 4044.

**7 Characteristics, test methods and recommended values**

The essential characteristics stated in Clause A.1, Table 1a, 1b and 1c shall all be taken into account, even if they can have different relative weight in the process of evaluation relative to use. The subsidiary characteristics stated in Clause A.2, Table A2.1 shall be agreed by the parties concerned according to the intended end use of the leather.

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**8 Test report**

The test report shall contain at least the following information:

- a) Reference to this document
- b) Identification of test sample and if required, sampling procedure
- c) Date and place of the test
- d) Test results and number of test specimens
- e) Conditioning and test atmosphere used
- f) Any deviation from this document



## Annex A (normative)

### A.1 Essential characteristics, recommended values and test methods for upholstery leather for furniture

Table A.1 .a — Aniline, Suède and Nubuck

Leather characteristics	Recommended values	Test methods
Colour fastness to to-and-fro rubbing	<p>Change of leather colour and pad staining</p> <p>Dry 50 cycles, min 3 grey scale Wet 20 cycles, min 3 grey scale Perspiration 20 cycles, min 3 grey scale</p> <p>Whilst these values are typical of those expected, it is advisable to issue appropriate guidance with upholstered furniture to inform consumers of likely performance as well as in service care and maintenance instructions to avoid unnecessary problems.</p>	<p>EN ISO 11640 EN ISO 11641</p> <p>* perspiration solution is defined in EN ISO 11641</p>
Colour fastness to light	Min 3 blue scale	EN ISO 105-B02
pH and $\Delta$ pH	<p>Min 3,2</p> <p>If the pH value is below 4, <math>\Delta</math> pH <math>\leq</math> 0,7</p>	EN ISO 4045
Tear strength	Min 20 N	EN ISO 3377-1