

<b>STN</b>	<b>Usne</b> <b>Fyzikálne a mechanické skúšky</b> <b>Stanovenie teploty vzniku trhlín povrchovej úpravy</b> <b>za chladu (ISO 17233: 2017)</b>	<b>STN</b> <b>EN ISO 17233</b>  79 3846
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Leather - Physical and mechanical tests - Determination of cold crack temperature of surface coatings (ISO 17233:2017)

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/17

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 17233**

February 2017

ICS 59.140.30

English Version

**Leather - Physical and mechanical tests - Determination of  
cold crack temperature of surface coatings (ISO  
17233:2017)**

Cuir - Essais physiques et mécaniques - Détermination  
de la température de fissuration à froid des  
revêtements de surface (ISO 17233:2017)

Leder - Physikalische und mechanische Prüfungen -  
Bestimmung der Kältebruchtemperatur von  
Oberflächendeckschichten (ISO 17233:2017)

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COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN ISO 17233:2017) has been prepared by Technical Committee IULTCS "International Union of Leather Technologists and Chemists Societies" in collaboration with 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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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## Endorsement notice

The text of ISO 17233:2017 has been approved by CEN as EN ISO 17233:2017 without any modification.

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**Leather — Physical and mechanical  
tests — Determination of cold crack  
temperature of surface coatings**

*Cuir — Essais physiques et mécaniques — Détermination de la  
température de fissuration à froid des revêtements de surface*



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## 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

ISO 17233 was prepared by the Physical Test Commission of the International Union of Leather Technologists and Chemists Societies (IUP Commission, IULTCS), in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, the secretariat of which is held by UNI, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

It is based on IUP 29 originally published in *J. Soc. Leather Tech. Chem.*, **69**, p. 85, (1985) and declared an official method of the IULTCS in 1987. This updated version was published in *J. Soc. Leather Tech. Chem.*, **84**, p. 369, (2000) and reconfirmed as an official method in March 2001. The same principle is used but the text has been updated and includes the number of test pieces to be taken.

IULTCS, originally formed in 1897, is a world-wide organization of professional leather societies to further the advancement of leather science and technology. IULTCS has three Commissions, which are responsible for establishing international methods for the sampling and testing of leather. ISO recognizes IULTCS as an international standardizing body for the preparation of test methods for leather.

This second edition cancels and replaces the first edition (ISO 17233:2002), which has been technically revised with the following changes:

- the cooled chamber (5.1) and the hinged sample holder (5.3) have been specified more precisely;
- the number of test pieces has been changed to six for each temperature tested and a number of associated changes has been made;
- in addition to the fixing of samples with screws, it is now also possible to fix the samples with adhesive tape.



# Leather — Physical and mechanical tests — Determination of cold crack temperature of surface coatings

## 1 Scope

This document specifies a method for determining the cold crack temperature of surface coatings applied to leather. It is applicable to all leathers which have a surface coating and which can be easily flexed.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

ISO 2418, *Leather — Chemical, physical and mechanical and fastness tests — Sampling location*

ISO 2419, *Leather — Physical and mechanical tests — Sample preparation and conditioning*

EN 15987, *Leather — Terminology — Key definitions for the leather trade*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**