



SLOVENSKI STANDARD SIST EN ISO 1518-2:2011

01-december-2011

Barve in laki - Ugotavljanje odpornosti proti razenju - 2. del: Metoda s stopnjevano obremenitvijo (ISO 1518-2:2011)

Paints and varnishes - Determination of scratch resistance - Part 2: Variable-loading method (ISO 1518-2:2011)

Beschichtungsstoffe - Bestimmung der Kratzbeständigkeit - Teil 2: Verfahren mit kontinuierlich ansteigender Last (ISO 1518-2:2011)

Peintures et vernis - Détermination de la résistance à la rayure - Partie 2: Méthode à charge variable (ISO 1518-2:2011)

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Ta slovenski standard je istoveten z: EN ISO 1518-2:2011

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 1518-2:2011

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 1518-2

October 2011

ICS 87.040

Supersedes EN ISO 12137-1:2006

English Version

Paints and varnishes - Determination of scratch resistance - Part 2: Variable-loading method (ISO 1518-2:2011)

Peintures et vernis - Détermination de la résistance à la rayure - Partie 2: Méthode à charge variable (ISO 1518-2:2011)

Beschichtungsstoffe - Bestimmung der Kratzbeständigkeit - Teil 2: Verfahren mit kontinuierlich ansteigender Last (ISO 1518-2:2011)

This European Standard was approved by CEN on 14 October 2011.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 1518-2:2011) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes" the secretariat of which is held by DIN.

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 April 2012, and conflicting national standards shall be withdrawn at the latest by April 2012.

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.

This document supersedes EN ISO 12137-1:2006.

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

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Endorsement notice

The text of ISO 1518-2:2011 has been approved by CEN as a EN ISO 1518-2:2011 without any modification.

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INTERNATIONAL
STANDARD

ISO
1518-2

First edition
2011-10-15

**Paints and varnishes — Determination of
scratch resistance —**

Part 2:
Variable-loading method

Peintures et vernis — Détermination de la résistance à la rayure —

Partie 2: Méthode à charge variable

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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

ISO 1518-2 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

It cancels and replaces ISO 12137-2:1997, which has been technically revised.

The main changes are the following:

- a) The number of the standard has been changed from ISO 12137-2 to ISO 1518-2 in order to group the scratch-resistance tests under the same number (ISO 1518).
- b) A definition of scratch has been introduced.
- c) The supplementary test conditions (formerly Annex A) have been integrated in the test report.
- d) The text has been editorially revised and the normative references have been updated.

ISO 1518 consists of the following parts, under the general title *Paints and varnishes — Determination of scratch resistance*:

- *Part 1: Constant-loading method*
- *Part 2: Variable-loading method*