



SLOVENSKI STANDARD
oSIST prEN ISO 15184:2011
01-september-2011

Barve in laki - Ugotavljanje trdote plasti (filma) s preskusom s svinčnikom (ISO/DIS 15184:2011)

Paints and varnishes - Determination of film hardness by pencil test (ISO/DIS 15184:2011)

Beschichtungsstoffe - Bestimmung der Bleistifhärte von Beschichtungen (ISO/DIS 15184:2011)

Peintures et vernis - Détermination de la dureté du feuil par l'essai de dureté crayon (ISO/DIS 15184:2011)

Ta slovenski standard je istoveten z: prEN ISO 15184

ICS:

87.040

Barve in laki

Paints and varnishes

oSIST prEN ISO 15184:2011

en,fr,de

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN ISO 15184

April 2011

ICS 87.040

English Version

Paints and varnishes - Determination of film hardness by pencil test (ISO/DIS 15184:2011)

Peintures et vernis - Détermination de la dureté du feuillet par l'essai de dureté crayon (ISO/DIS 15184:2011)

Beschichtungsstoffe - Bestimmung der Bleistiftdurete von Beschichtungen (ISO/DIS 15184:2011)

This draft European Standard is submitted to CEN members for parallel enquiry. It has been drawn up by the Technical Committee CEN/TC 139.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (prEN ISO 15184:2011) 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 document is currently submitted to the parallel Enquiry.

Endorsement notice

The text of ISO/DIS 15184:2011 has been approved by CEN as a prEN ISO 15184:2011 without any modification.

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DRAFT INTERNATIONAL STANDARD ISO/DIS 15184

ISO/TC 35/SC 9

Secretariat: BSI

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Paints and varnishes — Determination of film hardness by pencil test

Peintures et vernis — Détermination de la dureté du feuil par l'essai de dureté crayon

[Revision of first edition (ISO 15184:1998)]

ICS 87.040

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ISO/CEN PARALLEL PROCESSING

This draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement.

This draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel five-month enquiry.

Should this draft be accepted, a final draft, established on the basis of comments received, will be submitted to a parallel two-month approval vote in ISO and formal vote in CEN.

To expedite distribution, this document is circulated as received from the committee secretariat. ISO Central Secretariat work of editing and text composition will be undertaken at publication stage.

Pour accélérer la distribution, le présent document est distribué tel qu'il est parvenu du secrétariat du comité. Le travail de rédaction et de composition de texte sera effectué au Secrétariat central de l'ISO au stade de publication.

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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 15184 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 15184:1998), which has been technically revised. The main changes are:

- a) pulling up the pencil in the direction towards the operator is added as a second option in the procedure;
- b) the types of defects are moved from a note in the definition of 'pencil hardness' to a separate clause;
- c) pushing the panel was corrected to pushing or pulling the pencil;
- d) a designation code is introduced;
- e) a note on the use of drawing leads with mechanical holders (mechanical pencils) was added;
- f) the supplementary test conditions are integrated in the test report;
- g) some information on the value of the method is added in an informative annex;
- h) the normative references are updated.