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Second edition
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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



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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.

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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) the incorrect instruction in 9.5 in the previous edition (now 8.5) to push the test panel has been corrected to an instruction to push the pencil;
- b) the requirement in 9.5 in the previous edition (now 8.5) that the pencil move at 0,5 mm/s to 1 mm/s has been replaced by a requirement that the speed simply be uniform;
- c) the use of propelling/mechanical pencils is now permitted;
- d) the supplementary test conditions (formerly Annex A) have been incorporated in the test report;
- e) a new Annex A giving information on the applicability of the method has been added.