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Third 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*



Reference number  
ISO 15184:2020(E)

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## Foreword

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

This third edition cancels and replaces the second edition (ISO 15184:2012), of which it constitutes a minor revision. The main changes compared to the previous edition are as follows:

- In 5.1 the force of the instrument on the paint surface has been corrected to  $(7,35 \pm 0,15)$  N;
- In 8.6 the statement in that by agreement, the test may also be carried out to determine the minimum pencil hardness which does not cause a cohesive fracture (the so-called "gouge" hardness) has been deleted to avoid confusion with those standards, where this test method is described;
- The text has been editorially revised and the normative references have been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).