

Methods of test for paints —

Part E19: Determination of film hardness by pencil test

ICS 87.040

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National foreword

This British Standard reproduces verbatim ISO 15184:1998 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee STI/10, Test methods for paints, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

When considering this standard for implementation as a British Standard, the committee decided that the information on the Note to 6.2 was not sufficiently informative or current and suggested that the following Note should be used in its place:

“NOTE Pencils made by various manufacturers may be used by agreement between the interested parties, provided they give similar rating results.

Some examples of pencil makes and manufacturers, along with the pencil ranges available, that have been found suitable are as follows:

- Derwent Graphic (range 9B to 9H), manufactured by Daler-Rowney;
- Uni (range 9B to 9H), manufactured by the Mitsubishi Pencil Co.;
- 6300 (range 9B to 9H), manufactured by Lyra;
- Lumograph 100 (range 8B to 9H), manufactured by Staedtler (UK) Ltd.;
- Venus (range 6B to 6H), manufactured by Empire Berol, USA;
- 9000 (range 8B to H), manufactured by Faber Castell;
- Cretacolor (range 9B to 9H), manufactured by Bleistiftfabrik Hirm GmbH.

For comparative testing, it is recommended that pencils from the same manufacturer be used. Variations may be found in a given grade made by different manufacturers and between batches from the same manufacturer.”

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO title page, page ii, pages 1 to 4, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.