

# Methods of test for paints —

## Part E12.2: Determination of Knoop hardness by measurement of the indentation depth

ICS 87.040

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# National foreword

This British Standard reproduces ISO 6441-2:1999 and implements it as the UK national standard. Together with BS 3900-E12.1 and BS 3900-E12.3 It supersedes BS 3900-E12:1986 which is withdrawn.

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.

## 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.

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## Summary of pages

This document comprises a front cover, an inside front cover, the ISO title page, pages ii to v, a blank page, pages 1 to 9 and a back cover.

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# INTERNATIONAL STANDARD

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## **Paints and varnishes — Determination of micro-indentation hardness —**

### **Part 2: Knoop hardness by measurement of indentation depth under load**

*Peintures et vernis — Détermination de la dureté par micro-indentation —  
Partie 2: Dureté Knoop par mesurage de la profondeur d'indentation sous  
charge*



Reference number  
ISO 6441-2:1999(E)



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## Foreword

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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 part of ISO 6441 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 6441-2 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

Together with the other parts (see below), it cancels and replaces ISO 6441:1984, which has been technically revised.

ISO 6441 consists of the following parts, under the general title *Paints and varnishes — Determination of micro-indentation hardness*:

- *Part 1: Knoop hardness by measurement of indentation length*
- *Part 2: Knoop hardness by measurement of indentation depth under load*
- *Part 3: Creep and visco-elastic properties and elastic modulus using the Vickers indenter*

Annex A forms a normative part of this part of ISO 6441.