

General methods of test for pigments and extenders —

Part 15: Comparison of resistance to light of coloured pigments of similar types

The European Standard EN ISO 787-15:1995 has the status of a
British Standard

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee, was published under the authority of the Board of BSI and comes into effect on 29 February 1988

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First published March 1974
First revision February 1988

The following BSI references relate to the work on this standard:
Committee reference PVC/1
Draft for comment 83/50746 DC

ISBN 0 580 16394 6

Amendments issued since publication

Amd. No.	Date of issue	Comments
8684	December 1995	Indicated by a sideline in the margin

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National foreword

This revision of Part A3 of BS 3483 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee. It is identical with ISO 787-15:1986 “*General methods of test for pigments and extenders — Part 15: Comparison of resistance to light of coloured pigments of similar types*” published by the International Organization for Standardization (ISO). This revision supersedes BS 3483-A3:1974, which is withdrawn.

In 1995 the European Committee for Standardization (CEN) accepted ISO 787-15:1986 as European Standard EN ISO 787-15:1995. As a consequence of implementing the European Standard this British Standard is renumbered as BS EN ISO 787-15 and any reference to BS 3483-A3 should be read as a reference to BS EN ISO 787-15.

BS 3483-A3 was first published in 1974 and this first revision brings the standard into line with international agreements by implementing the ISO standard as an identical British Standard. The main changes in this edition are as follows:

- a) the natural light and artificial light sources and exposures are both specified;
- b) comparisons under natural light exposure for light fastness are recommended to be compared using the blue wool scale to assist evaluation;
- c) the referencing to the grey scale has been updated.

It has been assumed in the drafting of this British Standard that the execution of its provisions will be entrusted to appropriately qualified and experienced people.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “British Standard”, “this part of ISO 787” should be read as “this Part of BS 3483”, and “ISO 787-15” should be read as “BS 3483-A3”.

Cross-references

International Standard	Corresponding British Standard
ISO 105-A02:1984	BS 1006 <i>Methods of test for colour fastness of textiles and leather</i> A02:1978 <i>Grey scale for assessing change in colour</i> ^a (Technically equivalent)
ISO 842:1984	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)
ISO 4892:1981	BS 2782 <i>Methods of testing plastics</i> Method 540B:1982 <i>Methods of exposure to laboratory light sources, (xenon arc lamp, enclosed carbon arc lamp, open-flame carbon arc lamp, fluorescent tube lamps)</i> (Identical)

^a Reference should be made to BS 1006 “*Methods of test for colour fastness of textiles and leather*” for the general principles on the use of the scale.

The Technical Committee has reviewed the provisions of ISO 105:Section B01 and ISO 105:Section B02, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

A related British Standard to ISO 105:Section B01 is BS 1006:Section B01 “*Methods of test for colour fastness of textiles and leather. Blue wool standards*”. No British Standard corresponds to ISO 105:Section B02.

The Technical Committee has also reviewed the relevant provisions of the CIE Publication No. 20 (TC-2.2), to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. The publications are published by Commission Internationale d'Éclairage (CIE) and obtainable from the Honorary Librarian (National Illumination Committee), c/o Thorn Lighting Limited, Great Cambridge Road, Enfield, Middlesex EN1 1UL.

Additional information. In order to carry out some of the tests described in this standard it is necessary for a reference sample to be supplied or agreed by the parties concerned (see clause 3). It is also necessary to agree supplementary information (see clause 0) before commencing the comparison.

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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i to iv, the EN ISO title page, pages 2 to 8, 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.