



**SLOVENSKI STANDARD**  
**SIST EN ISO 3668:2002**

**01-september-2002**

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**Barve in laki - Vizualna primerjava barve premaza (ISO 3668:1998)**

Paints and varnishes - Visual comparison of the colour of paints (ISO 3668:1998)

Beschichtungsstoffe - Visueller Vergleich der Farbe von Beschichtungen  
(Farbalmusterung) (ISO 3668:1998)

Peintures et vernis - Comparaison visuelle de la couleur des peintures (ISO 3668:1998)

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**Ta slovenski standard je istoveten z: EN ISO 3668:2001**

<https://standards.iteh.ai/catalog/standards/sist/43804d1c-0fd0-456e-b025-334db9d81acc/sist-en-iso-3668-2002>

**ICS:**

87.040

Barve in laki

Paints and varnishes

**SIST EN ISO 3668:2002**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 3668**

May 2001

ICS 87.040

English version

**Paints and varnishes - Visual comparison of the colour of paints  
(ISO 3668:1998)**

Peintures et vernis - Comparaison visuelle de la couleur  
des peintures (ISO 3668:1998)

Beschichtungsstoffe - Visueller Vergleich der Farbe von  
Beschichtungen (Farbabmusterung) (ISO 3668:1998)

This European Standard was approved by CEN on 7 March 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## Foreword

The text of the International Standard from Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 139 "Paints and varnishes", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by November 2001, and conflicting national standards shall be withdrawn at the latest by November 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

### Endorsement notice

The text of the International Standard ISO 3668:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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## Annex ZA (normative)

### Normative references to international publications with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE Where an International Publication has been modified by common modifications, indicated by (mod.), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 1512	1991	Paints and varnishes - Sampling of products in liquid or paste form	EN 21512	1994
ISO 1513	1992	Paints and varnishes - Examination and preparation of samples for testing	EN ISO 1513	1994
ISO 1514	1993	Paints and varnishes - Standard panels for testing	EN ISO 1514	1997
ISO 2808	1997	Paints and varnishes - Determination of film thickness	EN ISO 2808	1999
ISO 3270	1984	Paints and varnishes and their raw materials - Temperatures and humidities for conditioning and testing	EN 23270	1991

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# INTERNATIONAL STANDARD

**ISO**  
**3668**

Second edition  
1998-08-01

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## Paints and varnishes — Visual comparison of the colour of paints

*Peintures et vernis — Comparaison visuelle de la couleur des peintures*

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Reference number  
ISO 3668:1998(E)

**ISO 3668:1998(E)****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.

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.

International Standard ISO 3668 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 3668:1976), which has been technically revised.

Annexes A and B form an integral part of this International Standard. Annex C is for information only.

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# Paints and varnishes — Visual comparison of the colour of paints

## 1 Scope

This International Standard is one of a series of standards dealing with the sampling and testing of paints, varnishes and related products.

It specifies a method for the visual comparison of the colour of films of paints or related products against a standard (either a reference standard or a freshly prepared standard) using either natural daylight or artificial light sources in a standard booth.

It is not applicable to coatings containing special-effect pigments, e.g. metallics, without previous agreement on all details of illuminating and viewing conditions.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1512:1991, *Paints and varnishes — Sampling of products in liquid or paste form.*

ISO 1513:1992, *Paints and varnishes — Examination and preparation of samples for testing.*

ISO 1514:1993, *Paints and varnishes — Standard panels for testing.*

ISO 2808:1997, *Paints and varnishes — Determination of film thickness.*

ISO 3270:1984, *Paints and varnishes and their raw materials — Temperatures and humidities for conditioning and testing.*

ISO 7724-1:—<sup>1)</sup>, *Paints and varnishes — Colorimetry — Part 1: Principles.*

ISO 7724-2:—<sup>2)</sup>, *Paints and varnishes — Colorimetry — Part 2: Colour measurement.*

ISO 7724-3:—<sup>3)</sup>, *Paints and varnishes — Colorimetry — Part 3: Calculation of colour differences by CIELAB.*

CIE Publication No. 51:1981, *A method for assessing the quality of daylight simulators for colorimetry.*

CIE Publication No. 15.2:1986, *Colorimetry.*

1) To be published. (Revision of ISO 7724-1:1984)

2) To be published. (Revision of ISO 7724-2:1984)

3) To be published. (Revision of ISO 7724-3:1984)