

## **Paints and varnishes - Visual comparison of the colour of paints**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 3668:2002 sisaldab Euroopa standardi EN ISO 3668:2001 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 16.01.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 3668:2002 consists of the English text of the European standard EN ISO 3668:2001.</p> <p>This document is endorsed on 16.01.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p><b>Käsitlusala:</b></p> <p>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.</p>	<p><b>Scope:</b></p> <p>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.</p>
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ICS 87.040

**Võtmesõnad:** artificial light tests, colour, comparison analysis, daylight tests, determination, paints, standard colour, tests, varnishes, visual inspection (testing)

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 Ver-  
gleich der Farbe von Beschichtungen  
(ISO 3668 : 1998)

This European Standard was approved by CEN on 2001-03-07.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

**CEN**

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

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

## Foreword

International Standard

ISO 3668 : 1998 Paints and varnishes – Visual comparison of the colour of paints, which was prepared by ISO/TC 35 'Paints and varnishes' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 139 'Paints and varnishes', the Secretariat of which is held by DIN, as a European Standard.

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

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

## Endorsement notice

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

NOTE: Normative references to international publications are listed in Annex ZA (normative).

## 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.*

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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)