



SLOVENSKI STANDARD SIST EN ISO 16474-3:2021

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Nadomešča:

SIST EN ISO 16474-3:2014

**Barve in laki - Metode izpostavljanja laboratorijskim virom svetlobe - 3. del:
Fluorescentne UV-svetilke (ISO 16474-3:2021)**

Paints and varnishes - Methods of exposure to laboratory light sources - Part 3:
Fluorescent UV lamps (ISO 16474-3:2021)

Beschichtungsstoffe - Künstliches Bestrahlen oder Bewittern in Geräten - Teil 3: UV-
Fluoreszenzlampe (ISO 16474-3:2021)

Peintures et vernis - Méthodes d'exposition à des sources lumineuses de laboratoire -
Partie 3: Lampes fluorescentes UV (ISO 16474-3:2021)

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Ta slovenski standard je istoveten z: EN ISO 16474-3:2021

ICS:

87.040

Barve in laki

Paints and varnishes

SIST EN ISO 16474-3:2021

en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 16474-3

January 2021

ICS 87.040

Supersedes EN ISO 16474-3:2013

English Version

Paints and varnishes - Methods of exposure to laboratory
light sources - Part 3: Fluorescent UV lamps (ISO 16474-
3:2021)

Peintures et vernis - Méthodes d'exposition à des
sources lumineuses de laboratoire - Partie 3: Lampes
fluorescentes UV (ISO 16474-3:2021)

Beschichtungsstoffe - Künstliches Bestrahlen oder
Bewittern in Geräten - Teil 3: UV-Fluoreszenzlampen
(ISO 16474-3:2021)

This European Standard was approved by CEN on 17 October 2020.

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 CEN-CENELEC Management Centre or to any CEN member.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN ISO 16474-3:2021) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with 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 July 2021, and conflicting national standards shall be withdrawn at the latest by July 2021.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 16474-3:2013.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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The text of ISO 16474-3:2021 has been approved by CEN as EN ISO 16474-3:2021 without any modification.

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INTERNATIONAL
STANDARD

ISO
16474-3

Second edition
2021-01

**Paints and varnishes — Methods
of exposure to laboratory light
sources —**

**Part 3:
Fluorescent UV lamps**

iTeh STANDARD PREVIEW
*Peintures et vernis — Méthodes d'exposition à des sources lumineuses
de laboratoire —
Partie 3: Lampes fluorescentes UV*
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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 139, *Paints and varnishes*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 16474-3:2013) which has been technically revised. The main changes compared to the previous edition are as follows:

- in [7.2](#) the difference between the temperature of a black panel sensor and a black standard sensor has been corrected;
- in [Table 4](#) it has been changed that the black-panel temperature is not controlled during water spray;
- the text has been editorially revised and the normative references have been updated.

A list of all parts in the ISO 16474 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Coatings of paints, varnishes and similar materials (subsequently referred to simply as coatings) are exposed to laboratory light sources, in order to simulate in the laboratory the ageing processes which occur during natural weathering or behind window glass.

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