



**SLOVENSKI STANDARD**  
**SIST EN ISO 11507:2002**

**01-junij-2002**

---

**Barve in laki - Izpostavitev premazov umetnemu vremenskemu staranju -  
Izpostavitev fluorescentnemu UV sevanju in vodi (ISO 11507:1997)**

Paints and varnishes - Exposure of coatings to artificial weathering - Exposure to  
fluorescent UV and water (ISO 11507:1997)

Beschichtungsstoffe - Beanspruchung von Beschichtungen durch künstliche Bewitterung  
- Beanspruchung durch UV-Strahlung und Wasser (ISO 11507:1997)

Peintures et vernis - Exposition des revêtements au vieillissement artificiel - Exposition  
au rayonnement UV fluorescent et à l'eau (ISO 11507:1997)

[https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-  
fc78646efd04/sist-en-iso-11507-2002](https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002)

**Ta slovenski standard je istoveten z: EN ISO 11507:2001**

---

**ICS:**

87.040

Barve in laki

Paints and varnishes

**SIST EN ISO 11507:2002**

**en**

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 11507:2002

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>

ICS 87.040

English version

Paints and varnishes - Exposure of coatings to artificial  
weathering - Exposure to fluorescent UV and water (ISO  
11507:1997)

Peintures et vernis - Exposition des revêtements au  
vieillissement artificiel - Exposition au rayonnement UV  
fluorescent et à l'eau (ISO 11507:1997)

Beschichtungsstoffe - Beanspruchung von Beschichtungen  
durch künstliche Bewitterung - Beanspruchung durch UV-  
Strahlung und Wasser (ISO 11507:1997)

This European Standard was approved by CEN on 29 June 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.

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>



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

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

CORRECTED 2001-11-07

## 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 February 2002, and conflicting national standards shall be withdrawn at the latest by February 2002.

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 11507:1997 has been approved by CEN as a European Standard without any modification.

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

SIST EN ISO 11507:2002

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>

## 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</u>	<u>Year</u>
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 3696	1987	Water for analytical laboratory use - Specification and test methods	EN ISO 3696	1995
ISO 4892-1	1999	Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance	EN ISO 4892-1	2000
ISO 4892-2	1994	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc sources	EN ISO 4892-2	1999
ISO 4892-3	1994	Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps	EN ISO 4892-3	1999
ISO 11341	1994	Paints and varnishes — Artificial weathering and exposure to artificial radiation — Exposure to filtered xenon-arc radiation	EN ISO 11341	1997

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

SIST EN ISO 11507:2002

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>

---

---

**Paints and varnishes — Exposure of  
coatings to artificial weathering —  
Exposure to fluorescent UV and water**

*Peintures et vernis — Exposition des revêtements au vieillissement  
artificiel — Exposition au rayonnement UV fluorescent et à l'eau*

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN ISO 11507:2002](https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002)

[https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-  
fc78646efd04/sist-en-iso-11507-2002](https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002)



## 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 11507 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

Annex A forms an integral part of this International Standard.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 11507:2002](https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002)

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization  
Case postale 56 • CH-1211 Genève 20 • Switzerland  
Internet [central@iso.ch](mailto:central@iso.ch)  
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland



## Introduction

Coatings from paints, varnishes and similar materials are weathered in the laboratory, in order to simulate ageing processes occurring during natural weathering. Generally, valid correlations between ageing during artificial and natural weathering cannot be expected because of the large number of influencing factors. Certain relationships can only be expected if the effect of the important parameters (spectral distribution of the irradiance in their photochemically relevant range, temperature of the specimen, type of wetting, wetting cycle relative humidity) on the coating is known. However, unlike natural weathering, testing in the laboratory is carried out taking into consideration a limited number of variables which can be controlled and therefore the results are more reproducible.

## iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 11507:2002](https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002)

<https://standards.iteh.ai/catalog/standards/sist/3e59d6a4-979b-48e2-b3e1-fc78646efd04/sist-en-iso-11507-2002>