



SLOVENSKI STANDARD SIST EN ISO 1514:2016

01-oktober-2016

Nadomešča:
SIST EN ISO 1514:2005

Barve in laki - Standardne ploščice za preskušanje (ISO 1514:2016)

Paints and varnishes - Standard panels for testing (ISO 1514:2016)

Beschichtungsstoffe - Norm-Probenplatten (ISO 1514:2016)

Peintures et vernis - Panneaux normalisés pour essais (ISO 1514:2016)

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN ISO 1514:2016

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-f1aa892230595/sist-en-iso-1514-2016>

ICS:

87.040 Barve in laki Paints and varnishes

SIST EN ISO 1514:2016 **en,fr,de**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 1514:2016](https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016)

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 1514

August 2016

ICS 87.040

Supersedes EN ISO 1514:2004

English Version

**Paints and varnishes - Standard panels for testing (ISO
1514:2016)**

Peintures et vernis - Panneaux normalisés pour essai
(ISO 1514:2016)

Beschichtungstoffe - Norm-Probenplatten (ISO
1514:2016)

This European Standard was approved by CEN on 8 July 2016.

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.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword.....	3

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 1514:2016
<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>

European foreword

This document (EN ISO 1514:2016) 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 February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

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

This document supersedes EN ISO 1514:2004.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Full STANDARD PREVIEW
(standard.iteh.ai)
Endorsement notice

The text of ISO 1514:2016 has been approved by CEN as EN ISO 1514:2016 without any modification.

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 1514:2016](https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016)

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>

INTERNATIONAL
STANDARD

ISO
1514

Fifth edition
2016-08-01

**Paints and varnishes — Standard
panels for testing**

Peintures et vernis — Panneaux normalisés pour essai

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN ISO 1514:2016](https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016)

[https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-
flaa89230595/sist-en-iso-1514-2016](https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016)



Reference number
ISO 1514:2016(E)

© ISO 2016

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN ISO 1514:2016

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

	Page
Foreword	v
Introduction	vi
1 Scope	1
2 Normative references	1
3 Steel panels	1
3.1 Material.....	1
3.2 Storage prior to preparation.....	2
3.3 Preparation by solvent cleaning.....	2
3.4 Preparation by aqueous cleaning (spray or immersion process).....	2
3.5 Preparation by abrasion.....	2
3.5.1 General.....	2
3.5.2 Hand abrasion.....	3
3.5.3 Circular mechanical abrasion.....	3
3.5.4 Linear grinding.....	3
3.6 Inspection and cleaning.....	3
3.7 Preparation by phosphate treatment.....	3
3.7.1 General.....	3
3.7.2 Amorphous iron phosphate treatment.....	3
3.8 Preparation by blast-cleaning.....	4
4 Tinplate panels	4
4.1 Material.....	4
4.2 Preparation by solvent or aqueous cleaning.....	4
4.3 Preparation by abrasion.....	4
5 Zinc- and zinc-alloy-coated panels	4
5.1 Material.....	4
5.2 Preparation by solvent cleaning.....	5
5.3 Preparation by aqueous cleaning.....	5
6 Aluminium panels	5
6.1 Material.....	5
6.2 Preparation by solvent cleaning.....	5
6.3 Preparation by aqueous cleaning.....	5
6.4 Preparation by abrasion.....	5
7 Coil-coating panels of steel or aluminium	6
7.1 Material.....	6
7.2 Coating.....	6
7.3 Substrate.....	6
7.4 Preparation by solvent cleaning.....	6
8 Plastics panels	6
8.1 Material.....	6
8.2 Preparation by solvent cleaning.....	6
8.3 Preparation by detergent cleaning.....	6
8.4 Pretreatment by flaming.....	6
9 Glass-fibre reinforced plastic composite panels (GRP)	7
9.1 Material.....	7
9.2 Preparation by solvent cleaning.....	7
9.3 Preparation by detergent cleaning.....	7
10 Carbon-fibre reinforced plastic composite panels (CFRP)	7
10.1 Material.....	7
10.2 Preparation by solvent cleaning.....	7
10.3 Preparation by detergent cleaning.....	7

ISO 1514:2016(E)

11	Glass panels	7
11.1	Material	7
11.2	Preparation by solvent cleaning.....	7
11.3	Preparation by detergent cleaning.....	7
12	Hardboard	8
12.1	Material	8
12.2	Preparation	8
13	Gypsum plasterboards panels and gypsum boards with fibrous reinforcement panels	8
13.1	Material	8
13.2	Preparation	8
14	Fibre-reinforced cement panels	8
Annex A (informative) General guidelines on preparation of steel panels by blast-cleaning		9
Annex B (informative) Common substrate panels		10
Bibliography		11

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST EN ISO 1514:2016](https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016)

<https://standards.iteh.ai/catalog/standards/sist/58cf8ae3-5b9d-4eeb-a9a0-flaa89230595/sist-en-iso-1514-2016>

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 on 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 the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This fifth edition cancels and replaces the fourth edition (ISO 1514:2004), which has been technically revised with the following changes:

- a) the preparation by zinc-phosphate and chromate treatment, chromate conversion coating and acid chromating, was deleted;
- b) the following materials have been amended: coil-coated panels, plastics panels, glass-fibre reinforced plastics composite panels (GRP), carbon-fibre reinforced plastics composite panels (CFP);
- c) the former Annex B on characterization of zinc and zinc alloy coatings has been deleted;
- d) a new [Annex B](#) on common substrate panel has been added;
- e) the normative references have been updated.