



SLOVENSKI STANDARD

SIST EN 61249-2-44:2016

01-september-2016

Materiali za plošče tiskanih vezij in druge povezovalne strukture - 2-44. del: Kaširani in nekaširani ojačeni osnovni materiali - Laminatne plošče s sredico iz brezhalogenskih epoksidnih E-steklenih vlaken, zunaj ojačene z E-stekleno tkanino, z določeno vnetljivostjo (preskus z navpičnim gorenjem), kaširane z bakrom za tehniko sestavljanja brez svinca

Materials for printed boards and other interconnecting structures - Part 2-44: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of defined flammability (vertical burning test), copper-clad for lead-free assembly

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Matériaux pour circuits imprimés et autres structures d'interconnexion - Partie 2-44: Matériaux de base renforcés, plaqués et non plaqués - Feuilles stratifiées renforcées en verre de type E tissé/non-tissé époxyde non halogéné, plaquées cuivre, d'inflammabilité définie (essai de combustion verticale) pour les assemblages sans plomb

Ta slovenski standard je istoveten z: EN 61249-2-44:2016

ICS:

31.180 Tiskana vezja (TIV) in tiskane Printed circuits and boards
plošče

SIST EN 61249-2-44:2016

en

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EUROPEAN STANDARD

EN 61249-2-44

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2016

ICS 31.180

English Version

**Materials for printed boards and other interconnecting structures -
Part 2-44: Reinforced base materials clad and unclad -
Non-halogenated epoxide non-woven/woven E-glass reinforced
laminated sheets of defined flammability (vertical burning test),
copper-clad for lead-free assembly
(IEC 61249-2-44:2016)**

Matériaux pour circuits imprimés et autres structures
d'interconnexion - Partie 2-44: Matériaux de base renforcés,
plaqués et non plaqués - Feuilles stratifiées renforcées en
verre de type E tissé/non-tissé époxyde non halogéné,
plaquées cuivre, d'inflammabilité définie (essai de
combustion verticale) pour les assemblages sans plomb
(IEC 61249-2-44:2016)

Materialien für Leiterplatten und andere
Verbindungsstrukturen - Teil 2-44: Kaschierte und
unkaschierte verstärkte Basismaterialien - Kupferkaschierte
mit E-Glaswirrfaser im Kernbereich und E-Glasgewebe in
den Außenlagen verstärkte Laminattafeln auf der Basis von
halogenfreiem Epoxidharz definierter Brennbarkeit
(vertikale Prüflingslage) für bleifreie Bestückungstechnik
(IEC 61249-2-44:2016)

STANDARD PREVIEW
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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

EN 61249-2-44:2016**European foreword**

The text of document 91/1351/FDIS, future edition 1 of IEC 61249-2-44, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61249-2-44:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-03-16
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-06-16

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The text of the International Standard IEC 61249-2-44:2016 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

ISO 9000	NOTE	Harmonized as EN ISO 9000.
ISO 14001	NOTE	Harmonized as EN ISO 14001.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61189-2	2006	Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 2: Test methods for materials for interconnection structures	EN 61189-2	2006
IEC 61249-5-1	-	Materials for interconnection structures - Part 5: Sectional specification set for conductive foils and films with or without coatings - Section 1: Copper foils (for the manufacture of copper-clad base materials)	EN 61249-5-1	-
IEC/PAS 61249-6-3	-	Specification for finished fabric woven from "E" glass for printed boards	-	-
ISO 11014	-	Safety data sheet for chemical products - Content and order of sections	-	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Materials for printed boards and other interconnecting structures –
Part 2-44: Reinforced base materials clad and unclad – Non-halogenated epoxide
non-woven/woven E-glass reinforced laminate sheets of defined flammability
(vertical burning test), copper-clad for lead-free assembly**

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**Matériaux pour circuits imprimés et autres structures d'interconnexion –
Partie 2-44: Matériaux de base renforcés, plaqués et non plaqués – Feuilles
stratifiées renforcées en verre de type E tissé/non-tissé époxyde non halogéné,
plaquées cuivre, d'inflammabilité définie (essai de combustion verticale) pour
les assemblages sans plomb**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**MATERIALS FOR PRINTED BOARDS
AND OTHER INTERCONNECTING STRUCTURES –**

**Part 2-44: Reinforced base materials clad and unclad –
Non-halogenated epoxide non-woven/woven E-glass reinforced
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International Standard IEC 61249-2-44 has been prepared by IEC technical committee 91: Electronics assembly technology.

The text of this standard is based on the following documents:

FDIS	Report on voting
91/1351/FDIS	91/1364/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61249 series, under the general title *Materials for printed boards and other interconnecting structures*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,
- replaced by a revised edition, or
- amended.

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