

SLOVENSKI
STANDARD

**SIST EN 60464-3-
1:2002/A1:2006**

julij 2006

**Prevleke za električno izolacijo – 3. del: Specifikacije posameznih materialov –
1. list: Vulkanizacija vrhnje plasti na zraku (IEC 60464-3-1:2001/A1:2006)**

Varnishes used for electrical insulation – Part 3: Specifications for individual
materials – Sheet 1: Ambient curing finishing varnishes (IEC 60464-3-
1:2001/A1:2006)

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[SIST EN 60464-3-1:2002/A1:2006
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ICS 29.035.60

Referenčna številka
SIST EN 60464-3-1:2002/A1:2006(en)

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Varnishes used for electrical insulation
Part 3: Specifications for individual materials
Sheet 1: Ambient curing finishing varnishes
(IEC 60464-3-1:2001/A1:2006)

Vernis utilisés pour l'isolation électrique
Partie 3: Spécifications
pour matériaux particuliers
Feuille 1: Vernis de finition durcissant
à température ambiante
(CEI 60464-3-1:2001/A1:2006)

Elektroisolierlacke
Teil 3: Bestimmungen
für einzelne Materialien
Blatt 1: Kalthärtende Überzugslacke
(IEC 60464-3-1:2001/A1:2006)

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This amendment A1 modifies the European Standard EN 60464-3-1:2001; it was approved by CENELEC on 2006-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 15/254/FDIS, future amendment 1 to IEC 60464-3-1:2001, prepared by IEC TC 15, Electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60464-3-1:2001 on 2006-02-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-11-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-02-01

Endorsement notice

The text of amendment 1:2006 to the International Standard IEC 60464-3-1:2001 was approved by CENELEC as an amendment to the European Standard without any modification.

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INTERNATIONAL STANDARD

IEC 60464-3-1

2001

AMENDMENT 1
2006-01

Amendment 1

Varnishes used for electrical insulation –

Part 3:

Specifications for individual materials –

Sheet 1: Ambient curing finishing varnishes

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

B

For price, see current catalogue

FOREWORD

This amendment has been prepared by IEC technical committee 15: Electrical insulating materials.

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

FDIS	Report on voting
15/254/FDIS	15/281/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result 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

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

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Replace Table 1 as follows:

Table 1 – Property values to be agreed between supplier and purchaser when required

Properties before drying and curing	Properties after curing
Density	Bend test
Dilution ability	Cupping test
Stability in an open vessel	Resistance to liquids (Including water)
Drying and/or curing in a thick layer	Dissipation factor and relative permittivity
Effect of varnish on enamelled wire	Breakdown voltage and electric strength
pH (W and E varnishes)	Resistance to mould growth
Volatile organic content (W and E varnishes)	Flash rusting of steel panels
Water content (W and E varnishes)	
