
**Izolacijski materiali s sljudo – 3. del: Specifikacije posameznih snovi – 5. list:
Sljudni papir s steklom in epoksidno maso kot vezivom za naknadno
impregniranje (VPI) (IEC 60371-3-5:2005)**

Insulating materials based on mica - Part 3: Specifications for individual materials -
Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-
impregnation (VPI) (IEC 60371-3-5:2005)

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English version

**Insulating materials based on mica
Part 3: Specifications for individual materials
Sheet 5: Glass-backed mica paper with an epoxy resin binder
for post-impregnation (VPI)
(IEC 60371-3-5:2005)**

Matériaux isolants à base de mica
Partie 3: Spécifications
pour matériaux particuliers
Feuille 5: Papier de mica renforcé
de verre avec un agglomérant en résine
époxyde pour post-impregnation (VPI)
(CEI 60371-3-5:2005)

Isoliermaterialien aus Glimmer
Teil 3: Bestimmungen
für einzelne Materialien
Blatt 5: Glimmerpapier
mit einem Glasgewebetträger
mit einem Epoxidkleber
zur Vakuumimprägnierung (VPI)
(IEC 60371-3-5:2005)

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This European Standard was approved by CENELEC on 2005-12-01. CENELEC 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 Central Secretariat or to any CENELEC 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 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 15/228/FDIS, future edition 2 of IEC 60371-3-5, prepared by IEC TC 15, Standards on specifications for electrical insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60371-3-5 on 2005-12-01.

This European Standard supersedes EN 60371-3-5:1995.

The main changes with regard to EN 60371-3-5:1995 include adjustments to align this standard with changes included in the latest edition of EN 60371-2.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-12-01

This European Standard makes reference to International Standards. Where the International Standard referred to has been endorsed as a European Standard or a home-grown European Standard exists, this European Standard shall be applied instead. Pertinent information can be found on the CENELEC web site.

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Endorsement notice

The text of the International Standard IEC 60371-3-5:2005 was approved by CENELEC as a European Standard without any modification.

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INTERNATIONAL STANDARD

IEC 60371-3-5

Second edition
2005-11

Insulating materials based on mica –

Part 3:

Specifications for individual materials –

Sheet 5: Glass-backed mica paper with an

epoxy resin binder for post-impregnation (VPI)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

INSULATING MATERIALS BASED ON MICA –

**Part 3: Specifications for individual materials –
Sheet 5: Glass-backed mica paper with an epoxy resin binder
for post-impregnation (VPI)**

FOREWORD

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International Standard IEC 60371-3-5 has been prepared by IEC technical committee 15: Standards on specifications for electrical insulating materials.

This second edition cancels and replaces the first edition, published in 1992, and constitutes a technical revision.

The main changes with regard to the previous edition include adjustments needed to align this standard with changes included in the latest edition of IEC 60371-2.

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

FDIS	Report on voting
15/228/FDIS	15/246/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.

The committee has decided that the contents of this 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.

A bilingual version of this publication may be issued at a later date.

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INTRODUCTION

This part of IEC 60371 forms part of a series which deals with insulating materials built up from mica splittings or mica paper with or without reinforcement, and with mica paper in its pure state for use in electrical equipment..

IEC 60371 consists of three parts under the main title *Specification for insulating materials based on mica*:

Part 1: Definitions and general requirements

Part 2: Methods of test

Part 3: Specifications for individual materials

This standard contains one of the sheets comprising part 3, as follows:

Sheet 5: Glass-backed mica paper with an epoxy resin binder for post-impregnation (VPI – *vacuum pressure impregnation*)

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