



National Standards Authority of Ireland

STANDARD

I.S. EN 61086-3-1:2004

ICS 29.035.20

**COATINGS FOR LOADED PRINTED WIRE
BOARDS (CONFORMAL COATINGS) PART
3-1: SPECIFICATIONS FOR INDIVIDUAL
MATERIALS - COATINGS FOR GENERAL
PURPOSE (CLASS 1), HIGH RELIABILITY
(CLASS 2) AND AEROSPACE (CLASS 3) (IEC
61086-3-1:2004)**

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EUROPEAN STANDARD

EN 61086-3-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2004

ICS 29.035.20

Supersedes EN 61086-3-1:1995

English version

**Coatings for loaded printed wire boards
(conformal coatings)
Part 3-1: Specifications for individual materials -
Coatings for general purpose (Class 1),
high reliability (Class 2) and aerospace (Class 3)
(IEC 61086-3-1:2004)**

Revêtements appliqués
sur les cartes de câblage imprimées
(revêtements enrobants)
Partie 3-1: Spécifications
pour matériaux particuliers -
Revêtements à usage général (Classe 1),
pour hautes performances (Classe 2)
et pour l'aérospatiale (Classe 3)
(CEI 61086-3-1:2004)

Beschichtungen für bestückte
Leiterplatten (conformal coatings)
Teil 3-1: Bestimmungen
für einzelne Werkstoffe -
Beschichtungen
für allgemeine Zwecke (Klasse I),
für hohe Zuverlässigkeit (Klasse II)
und für die Luftfahrt (Klasse III)
(IEC 61086-3-1:2004)

This European Standard was approved by CENELEC on 2004-03-01. 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, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 15C/1545/FDIS, future edition 2 of IEC 61086-3-1, prepared by SC 15C, Specifications, of IEC TC 15, Insulating materials, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61086-3-1 on 2004-03-01.

This European Standard supersedes EN 61086-3-1:1995.

This edition includes the following significant technical changes from EN 61086-3-1:1995:

- a) requirements for cleaning have been added;
- b) new properties based on modifications to EN 61086-2 have been added;
- c) a Class 3 material for aerospace applications has been included.

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) | 2004-12-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2007-03-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61086-3-1:2004 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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

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/HD</u>	<u>Year</u>
IEC 61086-1	- ¹⁾	Coatings for loaded printed wire boards (conformal coatings) Part 1: Definitions, classification and general requirements	EN 61086-1	2004 ²⁾
IEC 61086-2	- ¹⁾	Part 2: Methods of test	EN 61086-2	2004 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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