



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60068-2-47:2005**

ICS 19.040

**ENVIRONMENTAL TESTING - PART 2-47:  
TEST - MOUNTING OF SPECIMENS FOR  
VIBRATION, IMPACT AND SIMILAR DYNAMIC  
TESTS (IEC 60068-2-47:2005)**

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EUROPEAN STANDARD

**EN 60068-2-47**

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2005

ICS 19.040

Supersedes EN 60068-2-47:1999

English version

**Environmental testing**  
**Part 2-47: Tests - Mounting of specimens for vibration,**  
**impact and similar dynamic tests**  
(IEC 60068-2-47:2005)

Essais d'environnement  
Partie 2-47: Essais –  
Fixation de spécimens pour essais  
de vibrations, d'impacts et autres essais  
dynamiques  
(CEI 60068-2-47:2005)

Umgebungseinflüsse  
Teil 2-47: Prüfverfahren –  
Befestigung von Prüflingen zur Schwing-,  
Stoß- und ähnlichen dynamischen  
Prüfungen  
(IEC 60068-2-47:2005)

This European Standard was approved by CENELEC on 2005-05-01. 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 104/359/FDIS, future edition 3 of IEC 60068-2-47, prepared by IEC TC 104, Environmental conditions, classification and methods of test, was submitted to the IEC/CENELEC parallel vote and was approved by CENELEC as EN 60068-2-47 on 2005-05-01.

This European Standard supersedes EN 60068-2-47:1999 + corrigendum June 2000.

The major technical changes with regard to EN 60068-2-47:1999 are related to specific guidance on the testing of packaged products.

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) 2006-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60068-2-47:2005 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:

IEC 60068-2-6	NOTE	Harmonized as EN 60068-2-6:1995 (not modified).
IEC 60068-2-7	NOTE	Harmonized as EN 60068-2-7:1993 (not modified).
IEC 60068-2-21	NOTE	Harmonized as EN 60068-2-21:1999 (not modified).
IEC 60068-2-27	NOTE	Harmonized as EN 60068-2-27:1993 (not modified).
IEC 60068-2-29	NOTE	Harmonized as EN 60068-2-29:1993 (not modified).
IEC 60068-2-31	NOTE	Harmonized as EN 60068-2-31:1993 (not modified).
IEC 60068-2-32	NOTE	Harmonized as EN 60068-2-32:1993 (not modified).
IEC 60068-2-57	NOTE	Harmonized as EN 60068-2-57:2000 (not modified).
IEC 60068-2-59	NOTE	Harmonized as EN 60068-2-59:1993 (not modified).
IEC 60068-2-64	NOTE	Harmonized as EN 60068-2-64:1994 (not modified).
IEC 60068-2-65	NOTE	Harmonized as EN 60068-2-65:1994 (not modified).
IEC 60068-2-75	NOTE	Harmonized as EN 60068-2-75:1997 (not modified).
IEC 60068-2-81	NOTE	Harmonized as EN 60068-2-81:2003 (not modified).

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## 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 60068-1	1988	Environmental testing Part 1: General and guidance	EN 60068-1 <sup>1)</sup>	1994
IEC 60068-2-55	1987	Part 2: Tests - Test Ee and guidance: Bounce	EN 60068-2-55	1993
ISO 2041	1990	Vibration and shock - Vocabulary	-	-

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<sup>1)</sup> EN 60068-1 includes corrigendum October 1988 + A1:1992 to IEC 60068-1.



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