



SLOVENSKI STANDARD SIST EN ISO 9239-1:2010

01-december-2010

Nadomešča:

SIST EN ISO 9239-1:2002

Preskusi odziva talnih oblog na ogenj - 1. del: Ugotavljanje obnašanja pri gorenju z uporabo sevalnega vira toplote (ISO 9239-1:2010)

Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source (ISO 9239-1:2010)

Prüfungen zum Brandverhalten von Bodenbelägen - Teil 1: Bestimmung des Brandverhaltens bei Beanspruchung mit einem Wärmestrahler (ISO 9239-1:2010)

Essais de réaction au feu des revêtements de sol - Partie 1: Détermination du comportement au feu à l'aide d'une source de chaleur rayonnante (ISO 9239-1:2010)

Ta slovenski standard je istoveten z: EN ISO 9239-1:2010

ICS:

13.220.40	Sposobnost vžiga in obnašanje materialov in proizvodov pri gorenju	Ignitability and burning behaviour of materials and products
59.080.60	Tekstilne talne obloge	Textile floor coverings
97.150	Netekstilne talne obloge	Non-textile floor coverings

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9239-1

June 2010

ICS 13.220.40; 59.080.60; 97.150

Supersedes EN ISO 9239-1:2002

English Version

**Reaction to fire tests for floorings - Part 1: Determination of the
burning behaviour using a radiant heat source (ISO 9239-
1:2010)**

Essais de réaction au feu des revêtements de sol - Partie
1: Détermination du comportement au feu à l'aide d'une
source de chaleur rayonnante (ISO 9239-1:2010)

Prüfungen zum Brandverhalten von Bodenbelägen - Teil 1:
Bestimmung des Brandverhaltens bei Beanspruchung mit
einem Wärmestrahler (ISO 9239-1:2010)

This European Standard was approved by CEN on 19 May 2010.

CEN 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 CEN Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 9239-1:2010) has been prepared by Technical Committee ISO/TC 92 "Fire safety" in collaboration with Technical Committee CEN/TC 127 "Fire safety in buildings" the secretariat of which is held by BSI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2010, and conflicting national standards shall be withdrawn at the latest by December 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 9239-1:2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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The text of ISO 9239-1:2010 has been approved by CEN as a EN ISO 9239-1:2010 without any modification.

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INTERNATIONAL
STANDARD

ISO
9239-1

Third edition
2010-06-15

Reaction to fire tests for floorings —

Part 1:

**Determination of the burning behaviour
using a radiant heat source**

Essais de réaction au feu des revêtements de sol —

*Partie 1: Détermination du comportement au feu à l'aide d'une source
de chaleur rayonnante*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9239-1 was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 1, *Fire initiation and growth*.

This third edition cancels and replaces the second edition (ISO 9239-1:2002) which has been technically revised.

ISO 9239 consists of the following parts, under the general title *Reaction to fire tests for floorings*:

- *Part 1: Determination of the burning behaviour using a radiant heat source*
- *Part 2: Determination of flame spread at a heat flux level of 25 kW/m²*

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Introduction

The measurements in the test method in this part of ISO 9239 provide a basis for estimating one aspect of fire exposure behaviour of floorings. The imposed radiant flux simulates the thermal radiation levels likely to impinge on the floor of a corridor whose upper surfaces are heated by flames or hot gases or both, during the early stages of a developing fire in an adjacent room or compartment under wind-opposed flame-spread conditions.

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