

**Fire resistance tests for loadbearing elements - Part 2:  
Floors and roofs**

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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN 1365-2:2014 sisaldab Euroopa standardi EN 1365-2:2014 inglisekeelset teksti.	This Estonian standard EVS-EN 1365-2:2014 consists of the English text of the European standard EN 1365-2:2014.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 11.11.2014.	Date of Availability of the European standard is 11.11.2014.
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English Version

## Fire resistance tests for loadbearing elements - Part 2: Floors and roofs

Essais de résistance au feu des éléments porteurs - Partie  
2: Planchers et toitures

Feuerwiderstandsprüfungen für tragende Bauteile - Teil 2:  
Decken und Dächer

This European Standard was approved by CEN on 27 September 2014.

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## Foreword

This document (EN 1365-2:2014) has been prepared by 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of an identical text or by endorsement, at the latest by May 2015, and conflicting national standards shall be withdrawn at the latest by May 2015.

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 has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

This document supersedes EN 1365-2:1999.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies a method for determining the fire resistance of:

- floor constructions, without cavities or with unventilated cavities;
- roof constructions, with or without cavities (ventilated or unventilated);
- floor and roof constructions incorporating glazing;

with fire exposure from the underside.

This European Standard is used in conjunction with EN 1363-1.

## 2 Normative references

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

EN 1363-1:2012, *Fire resistance tests - Part 1: General Requirements*

EN 1363-2, *Fire resistance tests - Part 2: Alternative and additional procedures*

EN ISO 13943, *Fire safety - Vocabulary (ISO 13943)*

## 3 Terms, definitions, symbols and designations

For the purposes of this document, the terms and definitions given in EN 1363-1 and EN ISO 13943 and the following apply.

### 3.1 Terms and definitions

#### 3.1.1

##### **floor construction**

a horizontal separating element of building construction which is loadbearing

#### 3.1.2

##### **roof construction**

a horizontal or sloped separating element of building construction which is loadbearing and includes the roof covering

#### 3.1.3

##### **ceiling**

a lining plus any supporting framework, including hangers, fixings and any insulation material. The ceiling may be attached directly to the structural building member or be suspended from it or be self supporting (see Figure 1)

#### 3.1.4

##### **ceiling system**

the full ceiling assembly submitted for test, including hangers and fixings, e.g. lighting and ventilation ductings and access points