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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 1363-2:2000

ICS 13.220.50

FIRE RESISTANCE TESTS - PART 2: ALTERNATIVE AND ADDITIONAL PROCEDURES

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This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on: March 17, 2000

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1363-2

August 1999

ICS 13.220.50

English version

Fire resistance tests - Part 2: Alternative and additional procedures

Essais de résistance au feu - Partie 2: Modes opératoires de substitution ou additionnels

Feuerwiderstandsprufungen - Teil 2: Alternative und erganzende Verfahren

This European Standard was approved by CEN on 18 February 1999.

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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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Ref. No. EN 1363-2:1999 E

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Foreword

This European Standard 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of an identical text or by endorsement, at the latest by February 2000, and conflicting national standards shall be withdrawn at the latest by February 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of the Construction Products Directive.

EN 1363 'Fire resistance tests' consists of the following

Part 1: General requirements

Part 2: Alternative and additional procedures

Part 3: Verification of furnace performance (published as an ENV)

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Introduction

The general requirements for fire resistance testing are given in EN 1363-1. However, in practice it is possible to identify conditions or scenarios where the standard conditions, given in EN 1363-1, are inappropriate or where additional factors need to be considered. This may be because of the nature of a product, construction or assembly, together with its intended use; or because of a regulatory requirement in a particular member state.

This Part of EN 1363 addresses those additional, supplementary or alternative procedures that may need to be employed.

Three areas are addressed in this document, alternative heating regimes, an impact test and the measurement of radiation from the unexposed face of separating elements.

Caution

The attention of all persons concerned with managing and carrying out alternative and additional procedures in conjunction with the fire resistance test, EN 1363-1 and EN 1363-2 is drawn to the fact that fire testing may be hazardous and that there is a possibility that toxic and/or harmful smoke and gases may be evolved during the test. Mechanical and operational hazards may also arise during the construction of the test elements or structures, their testing and disposal of test residues.

An assessment of all potential hazards and risks to health shall be made and safety precautions shall be identified and provided. Written safety instructions shall be issued. Appropriate training shall be given to relevant personnel. Laboratory personnel shall ensure that they follow written safety instructions at all times.

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