



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 14600:2005**

ICS 91.060.50

**DOORSETS AND OPENABLE WINDOWS WITH  
FIRE RESISTING AND/OR SMOKE CONTROL  
CHARACTERISTICS - REQUIREMENTS AND  
CLASSIFICATION**

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EUROPEAN STANDARD

**EN 14600**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2005

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ICS 91.060.50

English Version

## Doorsets and openable windows with fire resisting and/or smoke control characteristics - Requirements and classification

Blocs-portes et fenêtres ouvrantes résistant au feu et/ou  
pare-fumées - Exigences et classification

Tore, Türen und zu öffnende Fenster mit Feuer- und/oder  
Rauchschutzeigenschaften - Anforderungen und  
Klassifizierung

This European Standard was approved by CEN on 25 May 2005.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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## **Foreword**

This European Standard (EN 14600:2005) has been prepared by Technical Committee CEN/TC 033 “Doors, windows, shutters, building hardware and curtain walling”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by February 2006, and conflicting national standards shall be withdrawn at the latest by February 2006.

Annex E and F of this document provide information relating this document to other relevant European Standards, some of which are in the course of development.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: 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.

## **Introduction**

Fire resisting doorsets and openable windows are required to provide adequate protection to openings in fire resisting walls or partitions which are formed as doorways for the passage of people, goods or vehicles. Smoke control characteristics may be added to fire resisting doorsets or may be required as a sole characteristic for smoke control doorsets to provide smoke leakage protection to doorways in walls or partitions which are not required to be fire resisting.

Fire resisting doorsets and openable windows and smoke control doorsets can only provide their designed fire resistance or smoke control capability when they are in the closed position.

This European Standard identifies the requirements and methods of conformity necessary to demonstrate that a measured fire resistance or smoke control capability can be assumed to cover their designed working life. To that end, this document identifies operational requirements and test/inspection methods which are intended to demonstrate durability of self closing and operational capabilities combined with fire resistance and/or smoke control.

In order to ensure continued performance of the characteristics, there is a need for routine inspection and maintenance. See normative Annex C.

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