

Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| | |
|---|--|
| See Eesti standard EVS-EN 15269-5:2014 sisaldab Euroopa standardi EN 15269-5:2014 inglisekeelset teksti. | This Estonian standard EVS-EN 15269-5:2014 consists of the English text of the European standard EN 15269-5:2014. |
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English Version

Extended application of test results for fire resistance and/or
smoke control for door, shutter and openable window
assemblies, including their elements of building hardware - Part
5: Fire resistance of hinged and pivoted metal framed glazed
doorsets and openable windows

Application étendue des résultats d'essais en matière de
résistance au feu et/ou d'étanchéité à la fumée des blocs-
portes, blocs-fermetures et ouvrants de fenêtre, y compris
leurs éléments de quincaillerie intégrés - Partie 5:
Résistance au feu des blocs-portes vitrés battants et
pivotants, à ossature métallique, et des fenêtres vitrées à
ossature métallique

Erweiterter Anwendungsbereich von Prüfergebnissen zur
Feuerwiderstandsfähigkeit und/oder Rauchdichtigkeit von
Türen, Toren und Fenstern einschließlich ihrer
Baubeschläge - Teil 5: Feuerwiderstandsfähigkeit von
verglasten Drehflügeltüren und zu öffnenden Fenstern mit
Metall(rohr)rahmen

This European Standard was approved by CEN on 17 April 2014.

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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 CEN-CENELEC Management Centre has the same status as the official versions.

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Foreword

This document (EN 15269-5:2014) 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of an identical text or by endorsement, at the latest by November 2014 and conflicting national standards shall be withdrawn at the latest by November 2014.

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.

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Introduction

This document is one of a series of standards listed below and intended to be used for the purpose of producing an extended application report based on the evaluation of one or more fire resistance and/or smoke control tests. These standards may also be used to identify the best selection of test specimens required to cover a wide range of product variations.

EN 15269 ,*Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies including their elements of building hardware*, currently consists of:

- *Part 1: General requirements;*
- *Part 2: Fire resistance of hinged and pivoted steel doorsets;*
- *Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows;*
- *Part 4: Fire resistance of hinged and pivoted glass doorsets (in preparation);*
- *Part 5: Fire resistance of hinged and pivoted metal framed glazed doorsets and openable windows;*
- *Part 6: Fire resistance of sliding timber doorsets;*
- *Part 7: Fire resistance of sliding steel doorsets;*
- *Part 8: Fire resistance of horizontally folding timber doorsets (in preparation);*
- *Part 9: Fire resistance of horizontally folding steel doorsets (in preparation);*
- *Part 10: Fire resistance of steel rolling shutter assemblies;*
- *Part 11: Fire resistance of operable fabric curtains;*
- *Part 20: Smoke control for hinged and pivoted steel, timber and metal framed glazed doorsets.*

1 Scope

This European Standard covers hinged and pivoted steel (any kind) and aluminium based framed, glazed doorsets or openable windows.

This European Standard prescribes the methodology for extending the application of test results obtained from resistance to fire test(s) conducted in accordance with EN 1634-1.

Subject to the completion of the appropriate test or tests selected from those identified in Clause 4 the extended application may cover all or some of the following examples:

- integrity (E), integrity/radiation (EW) or integrity/insulation (EI₁ or EI₂) classifications;
- doorsets and openable windows;
- door / window leaf (leaves);
- glazing and non-glazed panels in doorset and openable window;
- items of building hardware;
- decorative finishes;
- intumescent, smoke, draught or acoustic seals;
- alternative supporting construction(s).

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, *Fire resistance tests - Part 1: General Requirements*

EN 1634-1, *Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware - Part 1: Fire resistance test for door and shutter assemblies and openable windows*

EN 1634-2, *Fire resistance and smoke control tests for door, shutter and openable window assemblies and elements of building hardware - Part 2: Fire resistance characterisation test for elements of building hardware*

EN 13501-2:2007+A1:2009, *Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services*

EN 15269-1, *Extended application of test results for fire resistance and/or smoke control for door, shutter and openable window assemblies, including their elements of building hardware - Part 1: General requirements*

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