

**USTE, LUUKIDE JA AVATAVATE AKENDE NING NENDE
SULUSTE TULEPÜSIVUSE JA/VÕI SUITSUPÜSIVUSE
KATSETULEMUSTE KASUTUSULATUSE LAIENDAMINE
OSA 1: ÜLDNÕUDED**

**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**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 15269-1:2019 sisaldab Euroopa standardi EN 15269-1:2019 ja selle paranduse AC:2020 ingliskeelset teksti.	This Estonian standard EVS-EN 15269-1:2019 consists of the English text of the European standard EN 15269-1:2019 and its corrigendum AC:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas. Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 12.06.2019.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation. Date of Availability of the European standard is 12.06.2019.
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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 1: General requirements**

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 1 : Exigences générales

Erweiterter Anwendungsbereich von Prüfergebnissen
zur Feuerwiderstandsfähigkeit und/oder
Rauchdichtigkeit von Türen, Toren und Fenstern
einschließlich ihrer Baubeschläge - Teil 1: Allgemeine
Anforderungen

This European Standard was approved by CEN on 30 December 2018.

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

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

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European foreword

This document (EN 15269-1:2019) has been prepared by Technical Committee CEN/TC 127 “Fire safety in buildings”, the secretariat of which is held by BSI.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by October 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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

This supersedes EN 15269-1:2010.

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

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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 documents 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*, consists of the following parts:

- *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 5: Fire resistance of metal framed glazed hinged and pivoted doorsets and openable windows*
- *Part 6: Fire resistance for timber sliding doorsets (in preparation)*
- *Part 7: Fire resistance for steel sliding doorsets*
- *Part 10: Fire resistance of steel rolling shutters*
- *Part 11: Fire resistance of operable fabric curtains (in preparation)*
- *Part 20: Smoke control for hinged and pivoted steel, timber and metal framed glazed doorsets*

A review of the doorset construction parameters can indicate that one or more characteristics may be maintained or improved by a particular parameter variation. All evaluations should be made on the basis of retaining the fire resistance classifications obtainable from testing with EN 1634-1, including those lower than the test duration, or the smoke control classifications obtainable from testing with EN 1634-3.

However, this will never lead to an increased classification for any specific fire or smoke performance parameter beyond that achieved unless specifically identified in the relevant Construction Parameter Variation tables within this series of standards.

The classification of the resistance to fire of door, shutter and openable window assemblies foresees the addition of the symbol “C” indicating that the product also satisfies the requirements for self-closing. The “C” classification may be completed with the digits 0 to 5 according to the use category for durability of self-closing on the basis of details included in the relevant product standards. The effect on the “C” classification following an extended application process is not addressed in this series of standards. However, no parameter variation will prevent the doorset from achieving the fully closed position.

1 Scope

This document sets out the general principles for the extended application of test results obtained on fire resisting and smoke control doorsets, e.g. the types of pedestrian and industrial doors, operable fabric curtains and openable windows listed in the Introduction above when tested in accordance with EN 1634-1 and/or EN 1634-3.

This document provides the general principles which are intended to be used in conjunction with the relevant part of EN 15269 depending upon the specific product type to be evaluated.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. 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 1634-3, *Fire resistance and smoke control tests for door and shutter assemblies, openable windows and elements of building hardware— Part 3: Smoke control test for door and shutter assemblies*

EN 12519, *Windows and pedestrian doors— Terminology*

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

EN 15725, *Extended application reports on the fire performance of construction products and building elements*

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

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1363-1, EN 1634-1, EN 1634-3, EN 12519, EN 15725 and EN ISO 13943 and the following apply.

3.1

test result

outcome of a testing process and its associated procedures detailed within a specific test standard (which may include some processing of the results from testing of a number of specimens)

Note 1 to entry: A test result is expressed in terms of one or more fire performance parameter(s).

3.2

direct field of application of test results

DiAp

outcome of a process (involving the application of defined rules) whereby a test result is deemed to be equally valid for variations in one or more of the product properties and/or intended end use application(s)