

USTE, LUUKIDE JA AVATAVATE AKENDE NING NENDE
SULUSTE TULEPÜSIVUSE JA/VÕI SUITSUPIDAVUSE
KATSETULEMUSTE KASUTUSULATUSE LAIENDAMINE.
OSA 2: HINGEDEGA JA PÖÖRDTELGEDEGA METALLIST
UKSEKOMPLEKTIDE TULEPÜSIVUS

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 2: Fire resistance of hinged
and pivoted steel doorsets

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 15269-2:2025 sisaldab Euroopa standardi EN 15269-2:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 30.10.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 15269-2:2025 consists of the English text of the European standard EN 15269-2:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 30.10.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 13.220.50, 91.060.50

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EUROPEAN STANDARD

EN 15269-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2024

ICS 13.220.50; 91.060.50

Supersedes EN 15269-2:2012

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 2: Fire resistance of hinged and pivoted
steel doorsets**

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 fenêtres,
y compris leurs éléments de quincaillerie intégrés -
Partie 2 : Résistance au feu des blocs-portes battants et
pivotants en acier

Erweiterter Anwendungsbereich von Prüfergebnissen
zur Feuerwiderstandsfähigkeit und/oder
Rauchdichtigkeit von Türen, Toren und Fenstern
einschließlich ihrer Baubeschläge - Teil 2:
Feuerwiderstandsfähigkeit von Drehflügeltüren aus
Stahl

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 19 February 2025.

This European Standard was approved by CEN on 23 September 2024.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (EN 15269-2:2024) 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 April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.

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 document supersedes EN 15269-2:2012.

This document has been prepared under a standardization request addressed to CEN by the European Commission.

A list of all parts in the EN 15269 series can be found on the CEN website.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

1 Scope

This document covers single and double leaf, hinged and pivoted, steel based doorsets except steel doorsets with metal framed door leaves covered by EN 15269-5. It prescribes the methodology for extending the application of test results obtained from fire resistance test(s) conducted in accordance with EN 1634-1.

Subject to the completion of the appropriate test or tests, the extended application may cover all or some of the following examples:

- integrity (E), integrity and radiation (EW) or integrity and insulation (EI₁ or EI₂) classification;
- door leaf;
- side panels, transom panels, flush overpanels;
- air transfer grilles (e.g. ventilation grilles/louvres);
- components (e.g. frame/suspension system) fixed to the supporting construction (e.g. wall/ceiling);
- glazing within the doorset (e.g. for door leaf, side, transom and flush overpanels);
- items of building hardware;
- decorative and protective finishes;
- intumescent seals, strips and non-intumescent (smoke, draught or acoustic) seals;
- alternative supporting construction(s).

This document does not cover horizontally installed doorsets (e.g. traps).

The effect on the classification 'C' for the doorsets following an extended application process is not addressed in this document.

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 179, *Building hardware — Emergency exit devices operated by a lever handle or push pad, for use on escape routes — Requirements and test methods*

EN 1125, *Building hardware — Panic exit devices operated by a horizontal bar, for use on escape routes — Requirements and test methods*

EN 1155, *Building hardware — Electrically powered hold-open devices for swing doors — Requirements and test methods*

EN 1158, *Building hardware — Door coordinator devices — Requirements and test methods*

EN 1363-1, *Fire resistance tests — Part 1: General requirements*

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

EN 1364-1:2015, *Fire resistance tests for non-loadbearing elements — Part 1: Walls*

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 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 15254-4:2018, *Extended application of results from fire resistance tests — Non-loadbearing walls — Part 4. Glazed constructions*

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 15725, *Extended application on the fire performance of construction products and building elements: Principle of EXAP standards and EXAP reports*

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 1363-2, EN 1634-1, EN 1634-2, EN 12519, EN 15269-1, EN 15725 and EN ISO 13943 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <https://www.electropedia.org/>
- ISO Online browsing platform: available at <https://www.iso.org/obp>

3.1

full scale test

test of a doorset in accordance with EN 1634-1

3.2

small scale test

test on items of building hardware in accordance with EN 1634-2

3.3

effective rebate depth

dimension of the door leaf thickness of overlapping adjacent edges of the door leaf relative to the door frame, transom or side panel or flush overpanel as well as at door leaf meeting edges

Note 1 to entry: See Figure 1.