

STN	Rozšírená aplikácia výsledkov skúšok požiarnej odolnosti a/alebo tesnosti proti prieniku dymu zostáv dverí, uzáverov a otváracích okien a prvkov ich stavebného kovania Časť 3: Požiarna odolnosť otočných dverových zostáv so závesmi alebo čapmi vyrobených z dreva a otváracích okien s dreveným rámom	STN EN 15269-3 92 0223
------------	--	--

Extended application of test results for fire resistance and/or smoke control for doorsets, shutter and openable window assemblies, including their elements of building hardware - Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed windows

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/23

Obsahuje: EN 15269-3:2022

Oznámením tejto normy sa ruší
STN EN 15269-3 (92 0223) z januára 2013

136237

EUROPEAN STANDARD

EN 15269-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2022

ICS 13.220.50; 91.060.50

Supersedes EN 15269-3:2012

English Version

Extended application of test results for fire resistance and/or smoke control for doorsets, shutter and openable window assemblies, including their elements of building hardware - Part 3: Fire resistance of hinged and pivoted timber doorsets and openable timber framed 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 3 : Résistance au feu des blocs-portes battants et pivotants en bois et des fenêtres à ossature bois

Erweiterter Anwendungsbereich von Prüfergebnissen zur Feuerwiderstandsfähigkeit und/oder Rauchdichtigkeit von Türen, Toren und Fenstern einschließlich ihrer Baubeschläge - Teil 3: Feuerwiderstandsfähigkeit von Drehflügeltüren und Fenstern aus Holz

This European Standard was approved by CEN on 19 September 2022.

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.

CEN members are the national standards bodies of 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 United Kingdom.



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

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

EN 15269-3:2022 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Determination of the field of extended application	8
4.1 General	8
4.2 How to use the extended application rules in Annex A	8
4.3 Procedure for maximum field of extended application	9
4.4 Analysis of test results	9
5 Extended application report	10
6 Classification report	10
Annex A (normative) Construction parameter variations	11
Annex B (normative) Configurations for doorsets incorporating side and/or over panels	159
Annex C (normative) How to use the configuration matrix for timber leaf/timber frame configurations	179
Annex D (normative) How to use the configuration matrix for timber leaf/metal frame configurations	190
Bibliography	198
Tables	
Table A.1 — Timber groupings.....	12
Table A.2 — Construction parameter variations – Section A – Door leaf.....	13
Table A.3 — Construction parameter variations – Section B – Door frame.....	46
Table A.4 — Construction parameter variations – Section C – Items of building hardware.....	57
Table A.5 — Construction parameter variations – Section D – Side, transom and over panels.....	111
Table A.6 — Construction parameter variations – Section E – Glazing.....	113
Table A.7 — Construction parameter variations – Section F – Supporting construction and attachment of door frame or side/over panels.....	126
Table A.8 — Latched conditions.....	138
Table A.9 — Meeting edge details.....	140
Table A.10 — Threshold matrix.....	145
Table A.11 — Possible frame infill materials (in steel frames).....	150
Table B.1 — Configuration matrix timber leaf / timber frame.....	161
Table B.2 — Configuration matrix timber leaf/ steel frame.....	171

European foreword

This document (EN 15269-3:2022) 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 May 2023 and conflicting national standards shall be withdrawn at the latest by May 2023.

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 15269-3:2012.

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

In comparison with the previous edition, the following significant changes have been made:

- a) Scope clarified;
- b) Normative references updated;
- c) Definitions updated;
- d) Main text updated;
- e) Annex A rewritten and updated;
- f) Annex B updated;
- g) Annex C and D added.

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 organizations 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.

EN 15269-3:2022 (E)**1 Scope**

This document covers hinged or pivoted doorsets and door assemblies with wood-based door leaves and/or timber framed glazed door leaves and openable timber framed windows. Throughout this document, the term “doorset” will be used to cover doorsets, door assemblies and openable windows. It prescribes the rules for extending the application of test results obtained from fire resistance test(s) conducted in accordance with EN 1634-1.

This document covers only doorsets with wood-based or metal frames. The door leaves are comprised of wood-based perimeter framing and wood-based structural facings.

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

- integrity (E), integrity & radiation (EW) or integrity & insulation (EI₁ or EI₂) classifications;
- glazing within the doorset, e.g. side and over panels, vision panels and framed glazed doorsets;
- air transfer grilles (e.g. ventilation grilles/louvres);
- side, transom or over panels;
- items of building hardware;
- decorative and protective finishes;
- intumescent strips and non-intumescent seals (e.g. smoke, draught or acoustic seals);
- alternative supporting construction(s).

This document covers only the effect on the fire resistance classifications E, EW, EI₁ and EI₂.

This document does not cover horizontal doorsets.

2 Normative references

The following documents are referred to in the text in such a way that some or all 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 844, *Round and sawn timber - Terminology*

EN 923, *Adhesives - Terms and definitions*

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

EN 1154, *Building hardware - Controlled door closing devices - 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 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 1935, *Building hardware - Single-axis hinges - Requirements and test methods*

EN 12519, *Windows and pedestrian doors - Terminology*

EN 13381-4, *Test methods for determining the contribution to the fire resistance of structural members - Part 4: Applied passive protection to steel members*

EN 13381-8, *Test methods for determining the contribution to the fire resistance of structural members - Part 8: Applied reactive protection to steel members*

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 reports on the fire performance of construction products and building elements*

EN 17372, *Power operated pedestrian swing door drives with self closing function - Requirements and test methods*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN