

STN	Okná, dvere a uzávery Odolnosť proti výbuchu Skúšobná metóda Časť 1: Rázová trubica	STN EN 13124-1 74 6454
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Windows, doors, shutters and curtain walling - Explosion resistance - Test method - Part 1: Shock tube

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. 02/26

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Oznámením tejto normy sa ruší
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EUROPEAN STANDARD

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Supersedes EN 13124-1:2001

English Version

Windows, doors, shutters and curtain walling - Explosion resistance - Test method - Part 1: Shock tube

Fenêtres, portes, fermetures et façades rideaux -
Résistance à l'explosion - Méthode d'essai - Partie 1:
Tube à effet de souffle (shock tube)

Fenster, Türen, Abschlüsse und Vorhangfassaden -
Sprengwirkungshemmung - Prüfverfahren - Teil 1:
Stoßrohr

This European Standard was approved by CEN on 29 September 2025.

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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EN 13124-1:2025 (E)

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European foreword

This document (EN 13124-1:2025) has been prepared by Technical Committee CEN/TC 33 “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of an identical text or by endorsement, at the latest by May 2026 and conflicting national standards shall be withdrawn at the latest by May 2026.

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 13124-1:2001.

EN 13124-1:2025 includes the following significant technical changes with respect to EN 13124-1:2001:

- inclusion of testing of curtain walling;
- inclusion of hazard classes and the measurement connected to them;
- revision and addition of terms and definitions;
- addition of the requirements for test setup and its connection to the test sample;
- editorial changes.

The EN 13124 series of standards *Windows, doors, shutters and curtain walling — Explosion resistance — Test method* currently consists of:

- *Part 1: Shock tube;*
- *Part 2: Arena test.*

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 13124-1:2025 (E)**1 Scope**

This document defines a test method to permit a classification according to EN 13123-1:2025 for explosion resistance of windows, doors, shutters as well as curtain walling elements, complete with their frames, infills and fixings. This document gives no information on the ability of the surrounding wall or building structure to resist the direct or transmitted forces.

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 12216, *Shutters, external blinds, internal blinds — Terminology, glossary and definitions*

EN 12519, *Windows and pedestrian doors — Terminology*

EN 13119, *Curtain walling — Terminology*

EN 13123-1:2025, *Windows, doors, shutters and curtain walling — Explosion resistance — Requirements and classification — Part 1: Shock tube*

EN 13123-2:2025, *Windows, doors, shutters and curtain walling — Explosion resistance — Requirements and classification — Part 2: Arena test*

EN 13124-2:2025, *Windows, doors, shutters and curtain walling — Explosion resistance — Test method — Part 2: Arena test*

EN 13164, *Thermal insulation products for buildings — Factory made extruded polystyrene foam (XPS) products — Specification*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN