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Operating forces - Test method - Part 2: Doors

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. 07/25

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English Version

Operating forces - Test method - Part 2: DoorsForces de manoeuvre - Méthode d'essai - Partie 2:
Portes

Bedienungskräfte - Prüfverfahren - Teil 2: Türen

This European Standard was approved by CEN on 2 March 2025.

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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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EN 12046-2:2025 (E)

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European foreword

This document (EN 12046-2:2025) 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of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.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 will supersede EN 12046-2:2000.

In comparison with the previous edition, the following technical modifications have been made:

- clarification of the test methods;
- extension of the scope to cover doorsets with emergency or panic exit devices.

This document is one of a series of standards for windows and doors.

The EN 12046 series of standards *Operating forces — Test method* currently consists of:

- Part 1: Windows;
- Part 2: Doors.

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.

EN 12046-2:2025 (E)**1 Scope**

This document covers hinged/pivoted and sliding doorsets with engaging fasteners (e.g. latches, deadbolts) for pedestrian use. It defines the test methods to determine the forces to open/close doors and to engage/release and lock/unlock the building hardware using a key or handle. It is only applicable to the manual operation of doorsets.

These doorsets can include:

- emergency or panic exit devices;
- door closing devices.

NOTE The use of some windows involves engaging fasteners (e.g. latches, deadbolts) and can be tested in accordance with this document. Throughout the text where “door leaf”/”door leaves” is written this can also be read as “casements”/”sashes”.

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 12519, *Windows and pedestrian doors - Terminology*

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