

Bygningsbeslag – Beslag til skyde- og foldedøre – Krav og prøvningsmetoder

Building hardware – Hardware for sliding doors and
folding doors – Requirements and test methods

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EUROPEAN STANDARD

EN 1527

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2019

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English Version

Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods

Quincaillerie du bâtiment - Quincaillerie
pour portes coulissantes et portes pliantes
- Exigences et méthodes d'essai

Schlösser und Baubeschläge - Beschläge
für Schiebetüren und Falttüren -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 7 July 2019.

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 1527:2019](#)) 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of an identical text or by endorsement, at the latest by February 2020, and conflicting national standards shall be withdrawn at the latest by February 2020.

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 1527:2013](#).

Compared with [EN 1527:2013](#), the following major change has been made:

- a new category was added: Cantilever gates ([Clause 4](#)) and test methods accordingly ([Clause 6](#)).

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, Turkey and the United Kingdom.

Building hardware – Hardware for sliding doors and folding doors – Requirements and test methods

1 Scope

This document specifies requirements for the design manual system sliding doors, sliding corner doors and folding doors of the bi-fold type and multi-panel folding doors but excluding doors and panels. Cycle tests, static load, initial friction and corrosion resistance tests are included for fittings and track only.

This document covers door gear for all industrial, commercial and residential sliding doors and folding doors.

This document does not cover the rollers for horizontal sliding and building hardware for inward or outward sliding folding windows (types N Q, R and S) in accordance with [EN 13126-15](#), building hardware for Lift and Slide windows (type P) in accordance with [EN 13126-16](#) and building hardware for Tilt and Slide windows (type T) in accordance with [EN 13126-17](#).

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 1670](#), *Building hardware — Corrosion resistance — Requirements and test methods*