SLOVENSKI STANDARD
oSIST prEN 13126-19:2025

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Stavbno okovje - Okovje za okna in zastekljena vrata - Zahteve in preskusne metode - 19. del: Drsne zapiralne naprave

Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 19: Sliding closing devices

Baubeschläge - Beschläge für Fenster und Fenstertüren - Anforderungen und Prüfverfahren - Teil 19: Schiebeverschlüsse (SCD)

Quincaillerie pour le bâtiment - Ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 19 : Dispositifs de verrouillage pour ouvrants coulissants (SCD)

Ta slovenski standard je istoveten z: **prEN 13126-19**

ICS:

91.190	Stavbna oprema	Building accessories

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EUROPEAN STANDARD

NORME EUROPÉENNE

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ICS 91.190

Will supersede EN 13126-19:2011

English Version

Building hardware - Hardware for windows and door-height windows - Requirements and test methods - Part 19: Sliding closing devices

Quincaillerie pour le bâtiment - Ferrures de fenêtres et portes-fenêtres - Exigences et méthodes d'essai - Partie 19 : Dispositifs de verrouillage pour ouvrants coulissants (SCD)

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 33.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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 (prEN 13126-19:2025) 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 document is currently submitted to the CEN Enquiry.

The performance tests incorporated in this document are considered to be reproducible and as such will provide a consistent and objective assessment of the performance of these products throughout CEN Member States.

This document will supersede EN 13126-19:2011.

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

— EN 13126-19 now is independent from EN 13126-1; all necessary information is included without the need of any further information from EN 13126-1;

— several editorial changings in the wording for a better understanding;

— new terms added under 3.5 to 3.15'

— under 4.1 classification system changed completely

  — former digit 1 (Category of use) is now box 1 for the grade of cycles for the durability test

  — former digit 3 (Mass) is now box 2

  — former digit 4 (Corrosion resistance) is now box 3

  — former digit 5 (Safety in use) is now box 4 for the test sizes

  — former digit 6 (Corrosion resistance) is now box 3

  — former digit 7 (Security) was deleted

  — former digit 8 (Applicable part) is now box 5 for the type of hardware

  — former digit 9 (Test sizes) is now box 4

  — new box 6 for information on an optional secured position

— under 4.8 new examples added for a classification

— under 5.1 new text for dangerous substances added

— under 5.3 new grades H1 to H3 for the cycles for the durability test defined

— under 5.4 requirements added for an optional secured position with a key-operated profile cylinder

  — under 5.4.1 grades for a durability test of a locking system added

  — under 5.4.2 requirements for torque resistance of the locking mechanism added

— static load test is now under 5.5

— new text for the Corrosion resistance under 5.6

— several subclauses under 6. Test equipment and preparation of the test added; 6.1 Test rig, 6.2 Specimen, 6.3 Mounting of specimen

— subclause 7.1 Samples revised

— subclauses 7.2.2 durability test on a SCD manual action an 7.2.3 durability test on a SCD manual action added

— complete subclause 7.3 Test of the mechanism of an optional secured position (if applicable) added

— in Annex A new figures integrated

EN 13126 consists of the following parts:

— EN 13126-1, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 1: Requirements common to all types of hardware;*

— EN 13126-2, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 2: Window fastener handles;*

— EN 13126-3, *Building hardware — Hardware for windows and door-height windows — Requirements and test methods — Part 3: Handles, primarily for Tilt and Turn, Tilt-First and Turn-Only hardware;*

— EN 13126-4, *Building hardware — Requirements and test methods for windows and door height windows — Part 4: Espagnolettes;*

— EN 13126-5, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 5: Devices that restrict the opening of windows and door height windows;*

— EN 13126-6, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 6: Variable geometry stay hinges (with or without a friction stay);*

— EN 13126-7, *Building hardware — Requirements and test methods for windows and door height windows — Part 7: Finger catches;*

— EN 13126-8, *Building hardware — Hardware for windows and door height windows — Part 8: Requirements and test methods for tilt and turn, Tilt-First and Turn-Only hardware;*

— EN 13126-9, *Building hardware — Requirements and test methods for windows and door height windows — Part 9: Hardware for horizontal and vertical pivot windows;*

— EN 13126-10, *Building hardware — Requirements and test methods for windows and door height windows — Part 10: Arm-balancing systems;*

— EN 13126-11, *Building hardware — Requirements and test methods for windows and door height windows — Part 11: Top hung projecting reversible hardware;*

— EN 13126-12, *Building hardware — Requirements and test methods for windows and door height windows — Part 12: Side hung projecting reversible hardware;*

— EN 13126-13, *Building hardware — Hardware for windows and balcony door — Requirements and test methods — Part 13: Sash balances;*

— EN 13126-14, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 14: Sash fasteners;*

— EN 13126-15, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 15: Rollers for sliding and hardware for sliding folding windows;*

— EN 13126-16, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 16: Hardware for Lift and Slide windows;*

— EN 13126-17, *Building hardware — Hardware for windows and door height windows — Requirements and test methods — Part 17: Hardware for Tilt and Slide windows;*

— EN 13126-19, *Building hardware — Requirements and test methods for windows and door height windows — Part 19: Sliding Closing Devices*

A full contribution to the preparation of this European Standards series has been made by the European manufacturers' organization "ARGE" and national standards bodies.

1 Scope

This document specifies requirements and test methods for durability, strength, security and functionality of sliding closing devices (SCDs) for windows and door height windows.

This document does not specifically cover the handles used in handle-operated SCDs or the sash fasteners used in cam-operated SCDs, requirements and test methods for which are given in EN 13126-2, EN 13126-3 and EN 13126-14, respectively.

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 1670, *Building hardware — Corrosion resistance — Requirements and test methods*

3 Terms and definitions

For the purposes of this document, the following terms and definitions 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
sliding closing device
SCD
device allowing the users to open and lock sliding windows and door height windows

3.2
SCD manual action
sliding closing device that is actuated under the “finger operated” or “hand operated” action

3.3
SCD automatic action
sliding closing device that locks the sash when the sash is closed without any additional action

3.4
position of reference for distance between sash and frame
PRD
position from which the distance between sash and frame is to be measured

Note 1 to entry: See Annex A, Figure A.2

3.5
sample
actual hardware components which are due to be tested

3.6
specimen
window without gaskets to accommodate hardware components (samples) for testing

3.7
test rig
testing device onto which the specimen is mounted

3.8
test equipment
series of various testing rigs, devices and machinery enabling testing to be carried out

3.9
supporting sub frame
supplementary fixing frame surrounding the specimen enabling it to be mounted on the test rig while testing

3.10
sash width
SW
nominal width of the outer edge of the sash

3.11
sash height
SH
nominal height of the outer edge of the sash

3.12
closed position
position in which the sash rests up against the frame, and the SCD is not fastened

3.13
fastened closed position
position in which the sash rests up against the frame and the SCD is fastened

3.14
fastened closed and secured position
position in which the sash rests up against the frame and the SCD is fastened and secured i.e., by use of a key-operated profile cylinder

NOTE to entry: This is an option for a SCD.

3.15
rest time
time in seconds of a stationary period between the different steps

Note 1 to entry: A stationary period is between the following steps:

— between two changes of direction of movement;

— between the completion of a movement of the active sash and the subsequent operation of the central locking system;

— between the completion of an operation of the central locking system and the subsequent movement of the active sash;

— between two cycles.