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**Table za pisanje za vzgojno-izobraževalne ustanove - Ergonomske, tehnične in varnostne zahteve ter preskusne metode**

Writing boards for educational institutions - Ergonomic, technical and safety requirements and their test methods

Wandtafeln für Bildungseinrichtungen - Ergonomische, technische und sicherheitstechnische Anforderungen und Prüfverfahren

Tableaux pour établissements d'enseignement - Exigences ergonomiques, techniques et de sécurité et méthodes d'essai correspondantes

**Ta slovenski standard je istoveten z: prEN 14434**

**ICS:**

03.180	Vzgoja in izobraževanje	Education
13.180	Ergonomija	Ergonomics
97.140	Pohištvo	Furniture

**oSIST prEN 14434:2026**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 14434**

July 2026

ICS 03.180; 13.180; 97.140

Will supersede EN 14434:2023

English Version

## Writing boards for educational institutions - Ergonomic, technical and safety requirements and their test methods

Tableaux pour établissements d'enseignement -  
Exigences ergonomiques, techniques et de sécurité et  
méthodes d'essai correspondantes

Wandtafeln für Bildungseinrichtungen - Ergonomische,  
technische und sicherheitstechnische Anforderungen  
und Prüfverfahren

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Ref. No. prEN 14434:2026 E

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## European foreword

This document (prEN 14434:2026) has been prepared by Technical Committee CEN/TC 207 “Furniture”, the secretariat of which is held by UNI.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 14434:2023.

prEN 14434:2026 includes the following significant technical changes with respect to EN 14434:2023:

- a) insertion of test method for the static stability of mobile or free standing winged boards pivoting boards (Clause 6.4);
- b) exclusion of small boards from vertical upwards static load test for rail based systems (Clause 9.1.4);
- c) clarification in test method for durability of transition elements of vertically sliding boards (Clause 9.2.3);
- d) clarification in the test of rigidity for mobile boards (Clause 9.3);
- e) additional requirements for the provision of installation and product information for white projecting boards (Annex B);
- f) additional requirements for the provision of installation and product information for interactive systems (Annex D);
- g) additional requirements for the provision of Installation and product information for interactive screens (Annex F).

**prEN 14434:2026 (E)****1 Scope**

This document specifies ergonomic, technical and safety requirements for wall-mounted and free-standing writing boards, white projecting boards, interactive systems and interactive screens for use in rooms for educational and training purposes, e.g. classrooms, lecture theatres for schools, universities, etc.

This document applies is applicable to units after installation. Safety depending on the structure of the building is not included, e.g. the strength of wall-mounted boards includes only the board and its parts. The wall and the wall attachment are not included.

This document does not apply to technical aspects of connected hardware, such as computers, speakers, video cameras.

Requirements concerning electrical safety are not included.

Annex A (normative) Assessment scale for the ability to write – Five levels chalk scale

Annex B (normative) Test methods and requirements for white projecting boards

Annex C (informative) Additional test methods and requirements for white projecting boards

Annex D (normative) Test methods and requirements for interactive systems

Annex E (informative) Additional test methods and requirements for interactive systems

Annex F (normative) Test methods and requirements for interactive screens

Annex G (informative) Additional test methods and requirements for interactive screens

Annex H (normative) Surface flatness test

Annex I (informative) Vibration test

**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 438-2:2016+A1:2018, *High-pressure decorative laminates (HPL) — Sheets based on thermosetting resins (usually called laminates) — Part 2: Determination of properties*

EN 1023-3:2000, *Office furniture — Screens — Part 3: Test methods*

EN 16122:2012, *Domestic and non-domestic storage furniture — Test methods for the determination of strength, durability and stability*

**3 Terms and definitions**

For the purposes of this document, the following terms and definitions apply.

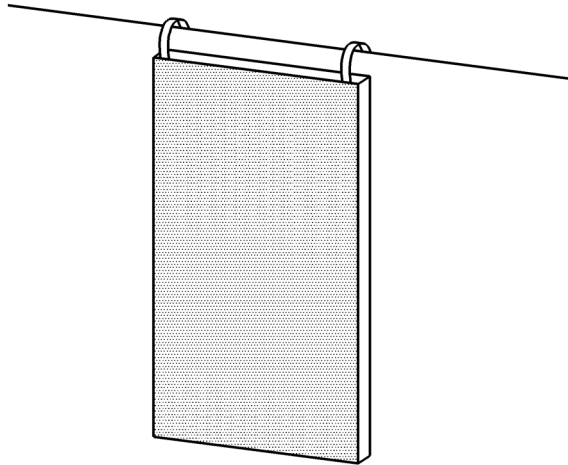
ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

**3.1****board attachment**

element by which the board is attached to the rail

Note 1 to entry: See Figure 1.



**Figure 1 — Board attachment**

**3.2****chalkboard**

writing board with a writing surface to be used for chalk

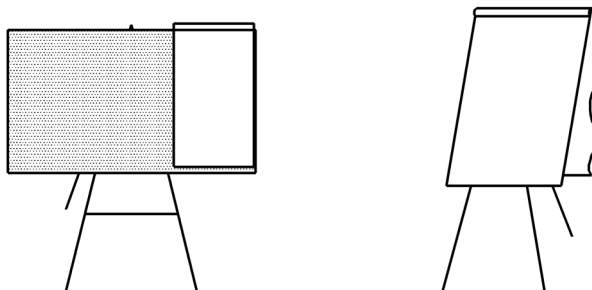
**3.3****fixing element**

joint by which the rail is mounted to the wall

**3.4****flipchart**

one-sided board placed or fixed on an easel or a rail with the facility to attach a paper pad

Note 1 to entry: See Figure 2.



**Figure 2 — Flipcharts**

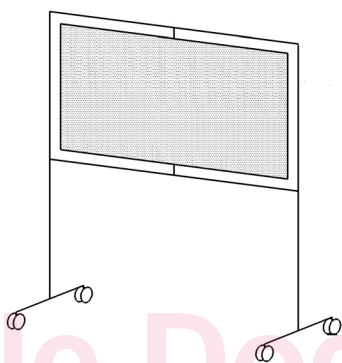
**prEN 14434:2026 (E)****3.5  
horizontally sliding board**

board with or without wing with only horizontal board movements in the same plane, manually or power operated

**3.6  
mobile board**

board or assembly of boards incorporating wheels or castors, which may be moved on the floor from one place to another

Note 1 to entry: See Figure 3.

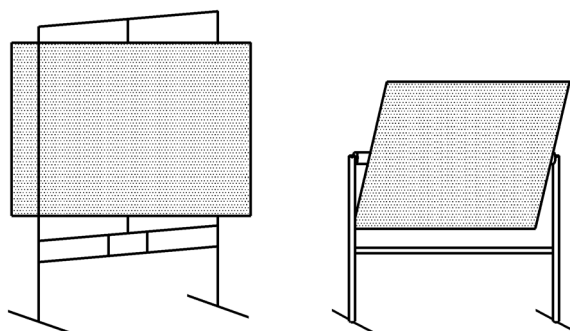


**Figure 3 — Mobile board**

**3.7  
pivoting board**

two-sided board articulated on its horizontal or vertical axis and standing on braced feet, with or without castors

Note 1 to entry: See Figure 4.

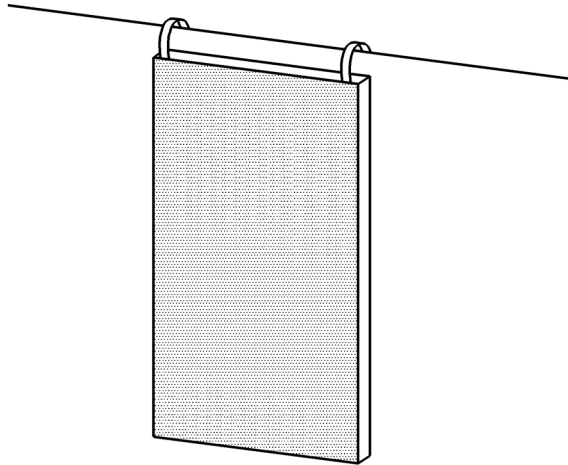


**Figure 4 — Pivoting boards**

**3.8****rail-based board or system**

board hanging and/or sliding on horizontally wall-mounted rails

Note 1 to entry: See Figure 5.

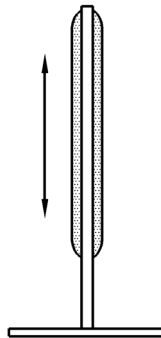


**Figure 5 — Rail-based board/system**

**3.9****roller or revolving surface board**

assembly with top and bottom horizontal rollers allowing a continuous loop of flexible writing surface to be revolved between rollers

Note 1 to entry: See Figure 6.



**Figure 6 — Roller/revolving surface board**

**3.10****sash board**

assembly of one- or two-sided boards sliding vertically, independent of each other and individually counter balanced

Note 1 to entry: See Figure 7.

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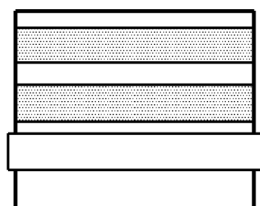


Figure 7 — Sash board

### 3.11 sliding board

board with horizontal and/or vertical movements in the same plane, manually or power operated

Note 1 to entry: See Figure 8.

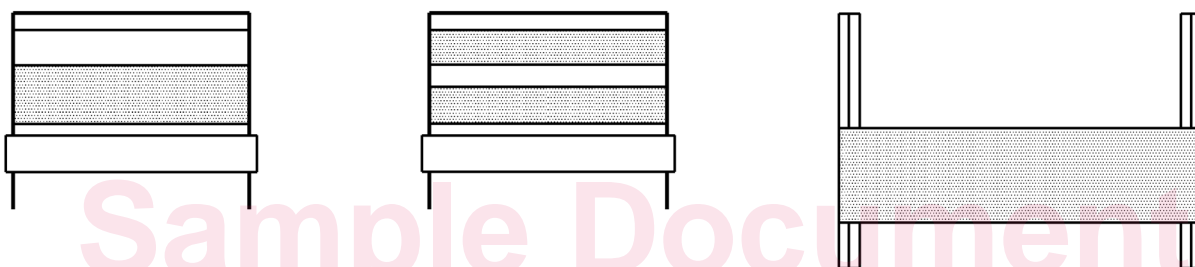


Figure 8 — Various types of sliding board

### 3.12 tilting board

manually or power operated inclinable one-sided board articulated on its lower horizontal edge, e.g. screen for overhead projector

Note 1 to entry: See Figure 9.

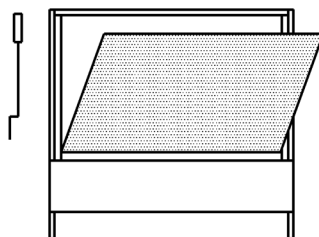


Figure 9 — Tilting board