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Curtain walling - Air permeability - Performance requirements and classification

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. 10/23

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EUROPEAN STANDARD

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English Version

Curtain walling - Air permeability - Performance requirements and classification

Façades rideaux - Perméabilité à l'air - Exigences de performance et classification

Vorhangfassaden - Luftdurchlässigkeit - Leistungsanforderungen und Klassifizierung

This European Standard was approved by CEN on 5 June 2023.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 12152:2023 (E)

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European foreword

This document (EN 12152:2023) 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of an identical text or by endorsement, at the latest by January 2024, and conflicting national standards shall be withdrawn at the latest by January 2024.

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 12152:2002.

The main changes compared to the previous edition are listed below:

- modified the class "AE": added the declaration of the maximum test pressure;
- added a new classification of air permeability at negative pressure;
- added new symbols for the classification based on fixed joint length;
- editorial modifications to definitions, in order to make them compliant with the definitions of EN 12153.

This document is part of a series of European Standards dedicated to curtain walling products and derives from performance requirements.

This document forms part of a series of curtain walling standards as specified in the Product Standard EN 13830.

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 12152:2023 (E)

1 Scope

This document specifies requirements and classification of air permeability of both fixed and openable parts of curtain walling, under positive and negative static air pressure.

This document applies to curtain walling as specified in EN 13830.

NOTE This version EN 12152:2023 supersedes EN 12152:2002. Existing test results according to EN 12152:2002 could be considered still valid compared with this version of EN 12152.

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 12153, *Curtain walling - Air permeability - Test method*

EN 12207, *Windows and doors - Air permeability - Classification*

EN 13119, *Curtain walling - Terminology*

EN 13830, *Curtain walling - Product standard*

EN 1991-1-4, *Eurocode 1: Actions on structures - Part 1-4: General actions - Wind actions*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN