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Thermal insulating products for building equipment and industrial installations - Determination of short-term water absorption by partial immersion of preformed pipe insulation (ISO 12623:2022)

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. 12/22

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Oznámením tejto normy sa od 30.09.2025 ruší
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EUROPEAN STANDARD

EN ISO 12623

NORME EUROPÉENNE

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English Version

Thermal insulating products for building equipment and
industrial installations - Determination of short-term
water absorption by partial immersion of preformed pipe
insulation (ISO 12623:2022)

Produits isolants thermiques pour les équipements de
bâtiments et les installations industrielles -
Détermination de l'absorption d'eau à court terme par
immersion partielle des coquilles isolantes préformées
(ISO 12623:2022)

Wärmedämmstoffe für die Haustechnik und für
betriebstechnische Anlagen - Bestimmung der
Wasseraufnahme bei kurzzeitigem teilweisem
Eintauchen von vorgeformten Rohrdämmstoffen (ISO
12623:2022)

This European Standard was approved by CEN on 7 August 2022.

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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

EN ISO 12623:2022 (E)

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European foreword

This document (EN ISO 12623:2022) has been prepared by Technical Committee ISO/TC 163/SC 1 "Test and measurement methods" in collaboration with Technical Committee CEN/TC 88 "Thermal insulating materials and products" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by March 2023, and conflicting national standards shall be withdrawn at the latest by September 2025.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.

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Endorsement notice

The text of ISO 12623:2022 has been approved by CEN as EN ISO 12623:2022 without any modification.

INTERNATIONAL STANDARD

ISO 12623

Second edition
2022-08

Thermal insulating products for building equipment and industrial installations — Determination of short-term water absorption by partial immersion of preformed pipe insulation

*Produits isolants thermiques pour les équipements de bâtiments
et les installations industrielles — Détermination de l'absorption
d'eau à court terme par immersion partielle des coquilles isolantes
préformées*



Reference number
ISO 12623:2022(E)

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ISO 12623:2022(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 1, *Test and measurement methods*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 88, *Thermal insulating materials and products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 12623:2011), which has been technically revised.

The main changes are as follows:

- EN 13472:2012 and ISO 12623:2011 have been merged into one document;
- [Clause 3](#), Terms and definitions, has been added and the numbering of the following clauses has been changed accordingly;
- [Table A.1](#) has been technically revised;
- editorial revisions.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Thermal insulating products for building equipment and industrial installations — Determination of short-term water absorption by partial immersion of preformed pipe insulation

1 Scope

This document specifies the equipment and procedures for determining the short-term water absorption of preformed pipe insulation by partial immersion in water. It is applicable to thermal insulating products.

NOTE It is intended to simulate the water absorption caused by exposure to rain for 24 h during product installation.

This document has been prepared for products used to insulate building equipment and industrial installations, but it can also be applied to products used in other areas.

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.

ISO 12628, *Thermal insulating products for building equipment and industrial installations — Determination of dimensions, squareness and linearity of preformed pipe insulation*

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