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Thermal insulating products for industrial installations - Determination of the coefficient of linear thermal expansion at sub-ambient temperatures (ISO 23766:2022)

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. 09/24

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EUROPEAN STANDARD

EN ISO 23766

NORME EUROPÉENNE

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English Version

Thermal insulating products for industrial installations - Determination of the coefficient of linear thermal expansion at sub-ambient temperatures (ISO 23766:2022)

Produits isolants thermiques pour les installations industrielles - Détermination du coefficient de dilatation thermique linéique à des températures inférieures à la température ambiante (ISO 23766:2022)

Wärmedämmstoffe für Industrieanlagen - Bestimmung des linearen Wärmeausdehnungskoeffizienten bei Temperaturen unterhalb der Umgebungstemperatur (ISO 23766:2022)

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EN ISO 23766:2024 (E)

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European foreword

The text of ISO 23766:2022 has been prepared by Technical Committee ISO/TC 163 "Thermal performance and energy use in the built environment" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 23766:2024 by Technical Committee CEN/TC 88 "Thermal insulating materials and products" the secretariat of which is held by DIN.

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The text of ISO 23766:2022 has been approved by CEN as EN ISO 23766:2024 without any modification.

INTERNATIONAL STANDARD

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Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub- ambient temperatures

*Produits isolants thermiques pour les installations industrielles —
Détermination du coefficient de dilatation thermique linéique à des
températures inférieures à la température ambiante*



Reference number
ISO 23766:2022(E)

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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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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*.

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Thermal insulating products for industrial installations — Determination of the coefficient of linear thermal expansion at sub-ambient temperatures

1 Scope

This document specifies the equipment and procedures for determining the coefficient of linear thermal expansion at sub-ambient temperatures (–196 °C to 25 °C), subject to the possible temperature limitation of the test specimens. It is not applicable to products which experience dimensional changes during the test due to the loss of hydration water or which undergo other phase changes.

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 9229, *Thermal insulation — Vocabulary*

ISO 18099, *Thermal insulating products for building equipment and industrial installations — Determination of the coefficient of thermal expansion*

koniec náhl'adu – text ďalej pokračuje v platenej verzii STN