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Thermal insulating products for building applications - Determination of tensile strength parallel to faces (ISO 29766:2022)

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. 03/23

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EUROPÄISCHE NORM

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English Version

**Thermal insulating products for building applications -
Determination of tensile strength parallel to faces (ISO
29766:2022)**

Produits isolants thermiques destinés aux applications
du bâtiment - Détermination de la résistance à la
traction parallèlement aux faces (ISO 29766:2022)

Wärmedämmstoffe für das Bauwesen - Bestimmung
der Zugfestigkeit in Plattenebene (ISO 29766:2022)

This European Standard was approved by CEN on 23 October 2022.

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EN ISO 29766:2022 (E)

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European foreword

This document (EN ISO 29766:2022) has been prepared by Technical Committee ISO/TC 163 "Thermal performance and energy use in the built environment" 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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by November 2025.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 29766:2022 has been approved by CEN as EN ISO 29766:2022 without any modification.

INTERNATIONAL STANDARD

ISO 29766

Second edition
2022-11

Thermal insulating products for building applications — Determination of tensile strength parallel to faces

*Produits isolants thermiques destinés aux applications du bâtiment —
Détermination de la résistance à la traction parallèlement aux faces*



Reference number
ISO 29766:2022(E)

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ISO 29766:2022(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 29766:2008), which has been technically revised.

The main changes are as follows:

- the term "accuracy" has been replaced by "uncertainty of measurement" in [Clause 5](#);
- the conditioning and testing conditions in [6.4](#) and [7.1](#) have been modified;
- some editorial changes have been made.

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 applications — Determination of tensile strength parallel to faces

1 Scope

This document specifies the equipment and procedures for determining the tensile strength of a product parallel to its faces. It is applicable to thermal insulating products.

This document can be used to determine whether the product has sufficient strength to withstand stresses during transportation and application.

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 5725-1, *Accuracy (trueness and precision) of measurement methods and results — Part 1: General principles and definitions*

ISO 5725-2, *Accuracy (trueness and precision) of measurement methods and results — Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*

ISO 29466, *Thermal insulating products for building applications — Determination of thickness*

ISO 29768, *Thermal insulating products for building applications — Determination of linear dimensions of test specimens*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN