

STN	Tepelnoizolačné výrobky pre stavebníctvo Stanovenie mechanických vlastností mriežok zo sklených vlákien ako výstuže pre vonkajšie tepelnoizolačné zložené zostavy s omietkou (zostavy ETIC)	STN EN 13496 72 7072
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Thermal insulation products for building applications - Determination of the mechanical properties of glass fibre meshes as reinforcement for external thermal insulation composite kits with renders (ETIC kits)

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. 08/25

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13496

April 2025

ICS 91.100.60

Supersedes EN 13496:2013

English Version

**Thermal insulation products for building applications -
Determination of the mechanical properties of glass fibre
meshes as reinforcement for external thermal insulation
composite kits with renders (ETIC kits)**

Produits isolants thermiques pour le bâtiment -
Détermination des caractéristiques mécaniques des
treillis de fibres de verre servant à renforcer les kits de
systèmes composites d'isolation thermique par
l'extérieur (kits ETIC) avec des enduits

Wärmedämmstoffe für das Bauwesen - Bestimmung
der mechanischen Eigenschaften von Glasfasergewebe
als Armierung für außenseitige Wärmedämm-
Verbundsysteme mit Putz (WDVS)

This European Standard was approved by CEN on 2 March 2025.

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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

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European foreword

This document (EN 13496:2025) has been prepared by 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of an identical text or by endorsement, at the latest by October 2025, and conflicting national standards shall be withdrawn at the latest by October 2025.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.

This document supersedes EN 13496:2013.

EN 13496:2025 includes the following significant technical changes with respect to EN 13496:2013:

- addition of triaxial meshes;
- addition of 28-day conditioning in alkaline solution;
- amended accuracy of expression of results.

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 13496:2025 (E)**1 Scope**

This document specifies equipment and procedures for determining the tensile strength and elongation of rectangular and triaxial glass fibre meshes which are used for the reinforcement of the base coat in external thermal insulation composite kits with renders (ETIC kits).

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 12127:1997, *Textiles — Fabrics — Determination of mass per unit area using small samples*

EN ISO 9229, *Thermal insulation — Vocabulary (ISO 9229)*

ISO 1887, *Textile glass — Determination of combustible-matter content*

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