

STN	Tepelnoizolačné výrobky Spoločné hodnotiace pravidlá	STN EN 13172 72 7211
------------	---	--

Thermal insulation products - Common evaluation rules

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. 03/25

Obsahuje: EN 13172:2024

Oznámením tejto normy sa ruší
STN EN 13172 (72 7211) z júla 2012

139804

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii
v znení neskorších predpisov.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13172

October 2024

ICS 91.100.60

Supersedes EN 13172:2012

English Version

Thermal insulation products - Common evaluation rules

Produits isolants thermiques - Règles d'évaluation
communales

Wärmedämmstoffe - Gemeinsame Bewertungsregeln

This European Standard was approved by CEN on 1 August 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of 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 United Kingdom.



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 13172:2024 (E)**Contents**

Page

European foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms, definitions and abbreviated terms	5
3.1 Terms and definitions	5
3.2 Abbreviated terms	6
4 Assessment and verification of constancy of performance	6
4.1 General.....	6
4.2 Type of production process.....	6
4.3 Product family	7
5 Verification of constancy of performance - Factory production control	7
5.1 General.....	7
5.2 Organization	7
5.2.1 General.....	7
5.2.2 Responsibility and authority	8
5.2.3 Factory production control system review.....	8
5.3 Documents defining the factory production control system.....	8
5.4 Inspection and testing	9
5.4.1 General.....	9
5.4.2 Test equipment.....	9
5.4.3 Inspection and testing of raw materials and other constituent materials.....	11
5.4.4 Inspection and testing during production	11
5.4.5 Product testing.....	11
5.4.6 Inspection and test status	13
5.4.7 Inspection and test records (factory production control log)	14
5.5 Actions in the case of non-constancy of performance of the product	14
5.6 Handling, storage, packaging and marking of products	14
5.7 Traceability of products	14
5.8 Training, qualification and competence.....	14
6 Assessment of performance (AoP).....	15
Annex A (informative) Guidance for conformity of the products under voluntary certification activities (not for CE marking purposes)	16
A.1 General.....	16
A.2 Bodies involved in the evaluation of conformity procedure.....	16
A.3 Tasks for the accredited body	16
A.3.1 General.....	16
A.3.2 Initial inspection of manufacturing plant and of factory production control.....	16
A.3.3 Sampling.....	17
A.3.4 Initial testing.....	17

A.3.5	Continuing surveillance	18
A.4	Conformity mark.....	22
A.4.1	General	22
A.4.2	Issuance of certificate of conformity	23
A.4.3	Restriction, suspension or withdrawal of certificate	23
Annex B (informative) Guidance for common evaluation of products under AVCP system.		24
B.1	General	24
B.2	Bodies involved in the assessment and verification of constancy of performance (AVCP).....	24
B.3	Tasks for the notified body	24
B.3.1	General	24
B.3.2	Initial inspection of manufacturing plant and of factory production control	25
B.3.3	Sampling	25
B.3.4	Assessment of performance.....	25
B.3.5	Continuing surveillance, assessment and evaluation of the factory production control	26
B.4	Certificate of constancy of performance	28
B.4.1	Issuance of certificate of constancy of performance	28
B.4.2	Restriction, suspension or withdrawal of the certificate of constancy of performance	28
Annex C (informative) Criteria for assessing non-conformity – Procedures in case of a complaint.....		29
C.1	Complaint on the product declaration.....	29
C.1.1	General	29
C.1.2	Complaint on the declared thermal resistance or thermal conductivity	29
C.1.3	Complaint on other characteristics.....	30
C.2	Complaint on a lot.....	30
Bibliography		31

EN 13172:2024 (E)**European foreword**

This document (EN 13172:2024) 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 April 2025, and conflicting national standards shall be withdrawn at the latest by April 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 13172:2012.

EN 13172:2024 includes the following significant technical changes with respect to EN 13172:2012:

- the adaptation of this document to the terminology used in the European Regulation (EU) No 305/2011 (i.e. Construction Products Regulation - CPR) with AVCP system;
- the removal of references to third parties, bodies and manufacturers into clauses and annexes that can be used in conjunction with harmonised technical specifications;
- the addition of products for civil engineering applications in the scope of this document;
- the addition of a subclause for abbreviated terms;
- the split of Clause 4 into three subclauses;
- the updates and technical adjustments of Clause 5;
- the merging of Annexes B, C and D.

This document is intended to be used as a supporting standard in conjunction with harmonised technical specifications, product standards and any other assessment documents of thermal insulation products to ensure common evaluation rules for all stakeholders.

This document contains three informative annexes:

- Annex A, Guidance for conformity of the products under voluntary certification activities (not for CE marking purposes);
- Annex B, Guidance for common evaluation of the products under AVCP system;
- Annex C, Criteria for assessing non-conformity – Procedure in case of a complaint.

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.

1 Scope

This document specifies common evaluation rules useful for the assessment and verification of constancy of performance of a thermal insulation product with harmonised technical specifications, product standards and any other assessment documents. Harmonised technical specifications, product standards and other assessment documents are called European product specifications in this document.

This document applies to factory made products for buildings, factory made products for building equipment and industrial installations, *in situ* products for buildings, *in situ* products for building equipment and industrial installations, to products for civil engineering applications, and to external thermal insulation composite 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 12664:2001, *Thermal performance of building materials and products — Determination of thermal resistance by means of guarded hot plate and heat flow meter methods — Dry and moist products of medium and low thermal resistance*

EN 12667:2001, *Thermal performance of building materials and products — Determination of thermal resistance by means of guarded hot plate and heat flow meter methods — Products of high and medium thermal resistance*

EN 12939:2000, *Thermal performance of building materials and products — Determination of thermal resistance by means of guarded hot plate and heat flow meter methods — Thick products of high and medium thermal resistance*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN