



**NSAI**  
Standards

Irish Standard  
I.S. EN 13172:2012

# Thermal insulation products - Evaluation of conformity

## I.S. EN 13172:2012

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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English Version

## Thermal insulation products - Evaluation of conformity

Produits isolants thermiques - Évaluation de la conformité

Wärmedämmstoffe - Konformitätsbewertung

This European Standard was approved by CEN on 9 December 2011.

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## Foreword

This document (EN 13172:2012) 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of an identical text or by endorsement, at the latest by July 2012, and conflicting national standards shall be withdrawn at the latest by July 2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 13172:2008.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association

The main changes to EN 13172:2008 are:

a) Clause 5.4.2 text has been reorganised and reworded to distinguish clearly between calibration (check of calibration) and internal checks on equipment;

b) Clause 5.4.5 text has been reworded to distinguish clearly between ITT and FPC. Also the use of statistics to reduce testing frequencies in case of "safe" values has been extended to other characteristics than dimensions;

c) Table A.1 has been divided into two tables, Table A.1 for building insulation products and Table A.2 for building equipment and industrial installations. Some adjustments of testing frequencies for the characteristics in the tables have been introduced.

This European Standard contains six informative annexes:

- Annex A, Certification of conformity (not for CE marking purposes);
- Annex B, Certification of conformity (for products of reaction to fire classes under system 1);
- Annex C, Declaration of conformity by the manufacturer (for the performance requirements under system 3);
- Annex D, Declaration of conformity by the manufacturer (for products of reaction to fire classes under system 4);
- Annex E, Guidance on the use of annex(es);
- Annex F, Criteria for assessing non-conformity – Procedure in case of a complaint.

Evaluation of conformity is necessary for products in order to provide support for CE marking and for voluntary certification. The guidance contained in annex ZA of the product standards will determine which of the above annexes shall be used for CE marking.

Annex E describes how to use the annexes together with the main body of this standard to fulfil the requirements to the certification and/or declaration of conformity for a product.

Although the annexes are informative in this standard, their use by the manufacturer will require that they assume a normative status. When an annex is used the requirements in the annex need to be followed, as given in the text.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European Standard specifies the procedures and the criteria for the evaluation of the conformity of a thermal insulating product with the relevant European product specification.

This European Standard 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 and to external thermal insulation composite systems.

## 2 Normative references

Not applicable

## 3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

**3.1 product**  
thermal insulation product produced under conditions which are presumed uniform to a given specification and placed on the market

**3.2 factory production control**  
permanent, internal control of production exercised either by the manufacturer or by his agent on the responsibility of the manufacturer himself

NOTE Factory production control comprises operational techniques and all measures necessary to regulate and maintain the conformity of the product to the requirements of the relevant product standard.

**3.3 production line**  
assemblage of equipment that produces products using a continuous process

**3.4 production unit**  
assemblage of equipment that produces products using a discontinuous process

**3.5 production plant/factory**  
all the production equipment on the same site including all production lines and units

**3.6 third party**  
approved organisation or body which is able to provide independent verification or approval

**3.7 witness testing**  
test performed by the manufacturer at his own facilities monitored by the representative of the third party



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