

Thermal insulating products for building applications — Conditioning to moisture equilibrium under specified temperature and humidity conditions

The European Standard EN 12429:1998 has the status of a
British Standard

ICS 91.100.99

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National foreword

This British Standard is the English language version of EN 12429:1998. It is one of a large number of European test method standards which have been introduced for thermal insulating products. Guidance on the content and application of these new test methods is given in PD 6621.

The UK participation in its preparation was entrusted by Technical Committee B/540, Energy performance of materials, components and buildings, to Subcommittee B/540/1, European Standards for thermal insulation, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 9 and a back cover.

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English version

Thermal insulating products for building applications — Conditioning to moisture equilibrium under specified temperature and humidity conditions

Produits isolants thermiques destinés aux applications du bâtiment — Conditionnement jusqu'à l'équilibre hygroscopique dans des conditions de température et d'humidité spécifiées

Wärmedämmstoffe für das Bauwesen — Einstellen der Ausgleichsfeuchte bei definierten Temperatur- und Feuchtebedingungen

This European Standard was approved by CEN on 25 June 1998.

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CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard 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 is one of a series of standards which specify test methods for determining dimensions and properties of thermal insulating materials and products. It supports a series of product standards for thermal insulating materials and products which derive from the Council Directive of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Directive 89/106/EEC) through the consideration of the essential requirements.

This European Standard contains the following normative annex:

annex A — Determination of limiting value of moisture content change and conditioning time factor by experiment;

and two informative annexes:

annex B — Computer calculations to determine the limiting value of moisture content change;

annex C — Calculations of conditioning time to reach equilibrium using the Fourier number.

This European Standard has been drafted for applications in buildings but it may also be used in other areas where it is relevant.

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 December 1998, and conflicting national standards shall be withdrawn at the latest by December 1998.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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