



SLOVENSKI STANDARD
SIST EN 12431:1999/A1:2007

01-februar-2007

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Thermal insulating products for building applications - Determination of thickness for floating floor insulating products

Wärmedämmstoffe für das Bauwesen - Bestimmung der Dicke von Dämmstoffen unter schwimmendem Estrich

Produits isolants thermiques destinés aux applications du bâtiment - Détermination de l'épaisseur des produits d'isolation pour sol flottant

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Ta slovenski standard je istoveten z: EN 12431:1998/A1:2006

ICS:

91.100.60 Thermal and sound insulating materials

SIST EN 12431:1999/A1:2007 en

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ICS 91.100.99; 91.120.10

English Version

Thermal insulating products for building applications - Determination of thickness for floating floor insulating products

Produits isolants thermiques destinés aux applications du
bâtiment - Détermination de l'épaisseur des produits
d'isolation pour sol flottant

Wärmedämmstoffe für das Bauwesen - Bestimmung der
Dicke von Dämmstoffen unter schwimmendem Estrich

This amendment A1 modifies the European Standard EN 12431:1998; it was approved by CEN on 17 August 2006.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This amendment 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, 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 and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN 12431:1998/A1:2006) has been prepared by Technical Committee CEN/TC 88 "Thermal insulating materials and products", the secretariat of which is held by DIN.

This Amendment to the European Standard EN 12431:1998 shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2007, and conflicting national standards shall be withdrawn at the latest by March 2007.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, 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 and United Kingdom.

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5 Apparatus

5.1 Dial Gauge

The following text shall be added at the end of 5.1:

"A device with the same accuracy with two readings of the thickness/deformation placed symmetrically on a diagonal on the upper square plate of the device. The mean of these two readings is the thickness/deformation."

5.5 A device

"Alternative to 5.1 through 5.5 a compression testing machine suited to the range of force and displacement involved can be used. The compression testing machine shall have two very rigid, polished, square plane parallel plates of which the length of one side is at least as large as the test specimen side to be tested. One of the plates shall be fixed and the other movable, if appropriate, with a centrally positioned knee ball joint to ensure that only axial force is applied to the test specimen.

A device for measuring the displacement shall be fitted to the compression testing machine, which allows measurement of the displacement of the movable plate and which permits a reading to $\pm 0,1$ mm.

A sensor shall be fitted to one of the machine plates to measure the force produced by the reaction of the test specimen upon the plates. This sensor shall be such that its own deformation during the course of the measuring operation is negligible compared with that being measured. If not, it shall be taken to account by calculation. In addition, it shall allow continuous measurement of the force permitting a reading into ± 1 %. When measurements are made on a movable plate and not in the axis, two sensors shall be used placed symmetrically versus the axis and then the mean value of the two measurements is used."

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