



SLOVENSKI STANDARD
SIST EN 1604:1997/A1:2007
01-februar-2007

Toplotnoizolacijski proizvodi za uporabo v gradbeništvu - Preskus dimenzijske stabilnosti pri predpisani temperaturi in relativni vlažnosti zraka

Thermal insulating products for building applications - Determination of dimensional stability under specified temperature and humidity conditions

Wärmedämmstoffe für das Bauwesen - Bestimmung der Dimensionsstabilität bei definierten Temperatur- und Feuchtebedingungen

Produits isolants thermiques destinés aux applications du bâtiment - Détermination de la stabilité dimensionnelle dans des conditions de température et d'humidité spécifiées

<https://standards.iteh.ai/catalog/standards/sist/e33c67b1-378a-497a-87b9-9e353ed44cf/sist-en-1604-1997-a1-2007>

Ta slovenski standard je istoveten z: EN 1604:1996/A1:2006

ICS:

91.100.60	Materiali za toplotno in zvočno izolacijo	Thermal and sound insulating materials
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SIST EN 1604:1997/A1:2007 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1604:1996/A1

September 2006

ICS 91.120.10

English Version

**Thermal insulating products for building applications -
Determination of dimensional stability under specified
temperature and humidity conditions**

Produits isolants thermiques destinés aux applications du
bâtiment - Détermination de la stabilité dimensionnelle
dans des conditions de laboratoire constantes et d'humidité
spécifiées

Wärmedämmstoffe für das Bauwesen - Bestimmung der
Dimensionsstabilität bei definierten Temperatur- und
Feuchtebedingungen

This amendment A1 modifies the European Standard EN 1604:1996; 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.



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

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EN 1604:1996/A1:2006 (E)

Foreword

This document (EN 1604:1996/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 1604:1996 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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2 Normative references

One new reference is added as follows:

ISO 5725-2, *Accuracy (trueness and precision) of measurement methods and results – Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method*

9 Accuracy of measurement

The note given in clause 9 shall be replaced with the following text:

"An interlaboratory test was performed with 9 laboratories. Three products were tested.

The result was analysed according to ISO 5725-2.

The results from the test are given in the Table 1:

Table 1 – Dimensional stability under specified conditions

Test conditions	Relative change in dimensions (in %)				
	Range of measured $\Delta\epsilon_i, \Delta\epsilon_b, \Delta\epsilon_d$	Estimate of repeatability variance S_r	95 % repeatability limit	Estimate of reproducibility variance S_R	95 % reproducibility limit
Specified temperature	- 1,0 to 2,1	0,1	0,4	0,2	0,7
Specified temperature and relative humidity	- 0,7 to 2,5	0,2	0,6	0,3	1,0

All values given in the Table 1 are expressed in percentage of the test specimen dimension.

The above mentioned terms are applied as described in ISO 5725-2.

Bias cannot be determined in this test method as there is not any accepted reference material for it.

NOTE The choice of products was selected to get a wide range of dimensional changes. The testing conditions were chosen to get a large variation in test results."