



**SLOVENSKI STANDARD**  
**SIST ISO 9972:2012/A1:2012**  
**01-februar-2012**

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**Toplotne značilnosti stavb - Ugotavljanje tesnosti obodnih konstrukcij - Metoda tlačne razlike z uporabo ventilatorja - Dopnilo 1**

Thermal performance of buildings - Determination of air permeability of buildings - Fan pressurization method - Amendment 1

**iTeh STANDARD PREVIEW**

Performance thermique des bâtiments - Détermination de la perméabilité à l'air des bâtiments - Méthode de pressurisation par ventilateur - Amendement 1

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**Ta slovenski standard je istoveten z: ISO 9972:2006/Amd 1:2009**

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**ICS:**

91.120.10      Toplotna izolacija stavb      Thermal insulation

**SIST ISO 9972:2012/A1:2012**      **en**

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# INTERNATIONAL STANDARD

# ISO 9972

Second edition  
2006-05-01

**AMENDMENT 1**  
2009-03-01

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## Thermal performance of buildings — Determination of air permeability of buildings — Fan pressurization method

### AMENDMENT 1

*Performance thermique des bâtiments — Détermination de la  
permeabilité à l'air des bâtiments — Méthode de pressurisation par  
ventilateur*  
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AMENDEMENT 1

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

Amendment 1 to ISO 9972:2006 was prepared by Technical Committee ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 1, *Test and measurement methods*.

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# Thermal performance of buildings — Determination of air permeability of buildings — Fan pressurization method

## AMENDMENT 1

*Page 2, 3.2, definition of  $q_{50}$*

Replace “air permeability at 50 Pa” with “air leakage rate at 50 Pa”.

*Page 2, 3.2, definition of  $q_{a50}$*

Replace  $q_{a50}$  “air permeability” with “air permeability at 50 Pa”

Add “m<sup>3</sup>/(h · m<sup>2</sup>)” as units.

*Page 2, 3.2*

Add the following line after the line for  $n_{50}$ .

$n_{pr}$	air change rate at the reference pressure difference	h <sup>-1</sup>
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*Page 2, 3.2*

<https://standards.itech.ai/catalog/standards/sist/97b78ea4-4f04-4779-8e2b-afacc0c5ae60/sist-iso-9972-2012-a1-2012>

Replace the symbol “ $Q$ ” with “ $q$ ”.

*Page 3, 3.2*

Replace the symbol “ $q_{L50}$ ” with “ $q_L$ ”.

*Page 3, 3.2, definition of the original  $q_{L50}$ , amended to “ $q_L$ ”*

Replace “air leakage rate at 50 Pa” with “air leakage rate”.

*Page 3, 3.2*

Delete the line for “ $q_{p50}$ ” from the table.

*Page 3, 3.2*

Replace the symbol “ $\Phi$ ” with “ $\phi$ ”.

*Page 10, 6.2, paragraph 8*

Change the value of  $r^2$  from “0,96” to “0,98”.

*Page 10, 6.2, paragraph 8*

Delete the sentence: “For the test result to be valid in terms of this International Standard,  $n$  shall be in range 0,5 to 1 and  $r^2$  shall be not less than 0,96.”

## ISO 9972:2006/Amd.1:2009(E)

Page 10, Figure 2

Replace the key of the X axis with "pressure difference, expressed in pascals".

Replace the key of the Y axis with "air flow rate, expressed in cubic meters per hour".

Page 14, Clause A.2

Replace Figure A.1 with the following figure:

