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Second edition  
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# Hygrothermal performance of building materials and products — Determination of water vapour transmission properties — Cup method

*Performance hygrothermique des matériaux et produits pour le  
bâtiment — Détermination des propriétés de transmission de la  
vapeur d'eau — Méthode de la coupelle*



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## Contents

	Page
<b>Foreword</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms, definitions, symbols, units and subscripts</b> .....	<b>1</b>
3.1 Terms and definitions.....	1
3.2 Symbols and units.....	2
3.3 Subscripts.....	3
<b>4 Principle</b> .....	<b>3</b>
<b>5 Apparatus</b> .....	<b>3</b>
<b>6 Test specimens</b> .....	<b>4</b>
6.1 General principles for preparation of test specimens.....	4
6.2 Dimensions of test specimens.....	4
6.2.1 Shape and fit.....	4
6.2.2 Exposed area.....	4
6.2.3 Thickness of test specimens.....	4
6.3 Number of test specimens.....	5
6.4 Conditioning of test specimens.....	5
6.5 Testing low resistance specimens.....	5
<b>7 Procedure</b> .....	<b>5</b>
7.1 Test conditions.....	5
7.2 Preparation of specimen and test assembly.....	7
7.3 Test procedure.....	7
<b>8 Calculation and expression of results</b> .....	<b>8</b>
8.1 Mass change rate.....	8
8.2 Density of water vapour flow rate.....	9
8.3 Water vapour permeance.....	9
8.4 Water vapour resistance.....	10
8.5 Water vapour permeability.....	10
8.6 Water vapour resistance factor.....	10
8.7 Water vapour diffusion-equivalent air layer thickness.....	11
<b>9 Accuracy of measurement</b> .....	<b>11</b>
9.1 General.....	11
9.2 Specimen area.....	11
9.3 Specimen thickness.....	11
9.4 Sealants.....	12
9.5 Weighing precision.....	12
9.6 Control of environmental conditions.....	12
9.7 Variations in barometric pressure during test.....	12
<b>10 Test report</b> .....	<b>12</b>
<b>Annex A (normative) Methods suitable for self-supporting materials</b> .....	<b>14</b>
<b>Annex B (normative) Methods suitable for loose fills</b> .....	<b>16</b>
<b>Annex C (normative) Methods suitable for membranes and foils</b> .....	<b>18</b>
<b>Annex D (normative) Methods suitable for mastics and sealants</b> .....	<b>19</b>
<b>Annex E (normative) Methods suitable for paint, varnishes, etc.</b> .....	<b>21</b>
<b>Annex F (normative) Correction for the effect of a masked edge of a specimen</b> .....	<b>22</b>
<b>Annex G (normative) Correction for resistance of air layers</b> .....	<b>24</b>

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<b>Annex H (normative) Method for calculating the water vapour resistance of the air layer in the cup</b> .....	<b>25</b>
<b>Annex I (informative) Weighing repeatability, weighing interval and specimen size needed to achieve desired accuracy</b> .....	<b>26</b>
<b>Annex J (informative) Conversion table for water vapour transmission units</b> .....	<b>27</b>
<b>Bibliography</b> .....	<b>28</b>

This is a preview of "ISO 12572:2016". [Click here to purchase the full version from the ANSI store.](#)

## Foreword

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ISO 12572 was prepared by the European Committee Standardization (CEN) Technical Committee CEN/TC 89, *Thermal performance of buildings and building components*, in collaboration with ISO Technical Committee ISO/TC 163, *Thermal performance and energy use in the built environment*, Subcommittee SC 1, *Test and measurement methods*, in accordance with the agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 12572:2001), which has been technically revised with the following changes:

- addition of insulation materials in the Scope;
- addition of e) humidity chamber in [Clause 5](#);
- addition of requirements regarding thickness of test specimen to measure the permeability of core materials in [6.2.3](#);
- change of specimen area size in [6.3](#);
- addition of requirements for storage time and relative humidity for condition D in [6.4](#);
- new clause with requirements in [6.5](#);
- change of requirements for temperature and relative humidity for test conditions in [7.1](#);
- change of the calculation of mass change rate in [8.1](#);
- removal of 9.8.