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Wood-based panels - Determination of formaldehyde release - Part 4: Desiccator method (ISO 12460-4:2016)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 07/16

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Wood-based panels - Determination of formaldehyde release - Part 4: Desiccator method (ISO 12460-4:2016)

Panneaux à base de bois - Détermination du dégagement de formaldéhyde - Partie 4: Méthode au dessiccateur (ISO 12460-4:2016)

Holzwerkstoffe - Bestimmung der Formaldehydabgabe - Teil 4: Exsikkator-Verfahren (ISO 12460-4:2016)

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 12460-4:2016) has been prepared by Technical Committee ISO/TC 89 "Wood-based panels" in collaboration with Technical Committee CEN/TC 112 "Wood-based panels" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by August 2016, and conflicting national standards shall be withdrawn at the latest by August 2016.

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Endorsement notice

The text of ISO 12460-4:2016 has been approved by CEN as EN ISO 12460-4:2016 without any modification.

**Wood-based panels — Determination
of formaldehyde release —**

**Part 4:
Desiccator method**

*Panneaux à base de bois — Détermination du dégagement de
formaldéhyde —*

Partie 4: Méthode au dessiccateur





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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Principle	1
4 Reagents	1
5 Apparatus	2
6 Test pieces	2
6.1 Sampling.....	2
6.2 Dimensions.....	4
6.3 Number of test pieces.....	4
6.4 Number of emission tests.....	4
6.5 Conditioning.....	4
7 Procedure	4
7.1 Desiccator preparation.....	4
7.1.1 New desiccators.....	4
7.1.2 Before each determination.....	4
7.2 Test conditions.....	5
7.3 Positioning of the test pieces.....	5
7.4 Monitoring of test conditions.....	5
7.4.1 Temperature.....	5
7.4.2 Background formaldehyde.....	5
7.5 Test duration.....	5
7.6 Sample collection.....	5
8 Determination of formaldehyde	5
8.1 General.....	5
8.2 Principle.....	5
8.3 Procedure.....	6
8.4 Calibration curve.....	6
8.4.1 General.....	6
8.4.2 Formaldehyde standard solution.....	6
8.4.3 Formaldehyde calibration solution.....	6
8.4.4 Determination of the calibration curve.....	7
8.5 Calculation of the concentration of formaldehyde in the glass crystallizing dish in the desiccator.....	7
9 Expression of results	7
10 Test report	7
Bibliography	9

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 89, *Wood-based panels*.

This second edition cancels and replaces the first edition (ISO 12460-4:2008), which has been technically revised with the following changes:

- a) introduction was deleted;
- b) reference to JANS 16 was deleted in the scope;
- c) provisions for low emitting boards were added in [5.6](#).

It also incorporates the Amendment ISO 12460-4:2008/Amd 1:2011.

ISO 12460 consists of the following parts, under the general title *Wood-based panels — Determination of formaldehyde release*:

- *Part 1: Formaldehyde emission by the 1-cubic-metre chamber method*
- *Part 3: Gas analysis method*
- *Part 4: Desiccator method*
- *Part 5: Extraction method (called the perforator method)*

Wood-based panels — Determination of formaldehyde release —

Part 4: Desiccator method

1 Scope

This part of ISO 12460 specifies a desiccator method for the determination of the quantity of formaldehyde emitted from particleboard, fibreboard, plywood, oriented strand board (OSB) and wooden laminated flooring.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 16999, *Wood-based panels — Sampling and cutting of test pieces*

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