

STN	Dosky na báze dreva Stanovenie uvoľňovania formaldehydu Časť 3: Metóda analýzy plynov (ISO 12460-3: 2020)	STN EN ISO 12460-3 49 2657
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Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method (ISO 12460-3:2020)

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. 02/21

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Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method (ISO 12460-3:2020)

Panneaux à base de bois - Détermination du dégagement de formaldéhyde - Partie 3: Méthode d'analyse de gaz (ISO 12460-3:2020)

Holzwerkstoffe - Bestimmung der Formaldehydabgabe - Teil 3: Gasanalyse-Verfahren (ISO 12460-3:2020)

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EN ISO 12460-3:2020 (E)

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European foreword

This document (EN ISO 12460-3:2020) 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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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

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The text of ISO 12460-3:2020 has been approved by CEN as EN ISO 12460-3:2020 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
12460-3**

Third edition
2020-10

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

**Part 3:
Gas analysis method**

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

Partie 3: Méthode d'analyse de gaz



Reference number
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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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This document was prepared by Technical Committee ISO/TC 89, *Wood based panels*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 112, *Wood based panels*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 12460-3:2015), which has been technically revised in order to improve the detection limit and the reproducibility of the method with regard to boards with low formaldehyde content.

The main changes compared to the previous edition are as follows:

- test period can be reduced from 4 h to 3 h;
- in [8.3](#) four different options to determine the formaldehyde release are introduced;
- conditioning procedure for decor finish foils specified in [7.1](#).

A list of all parts in the ISO 12460 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Wood-based panels — Determination of formaldehyde release —

Part 3: Gas analysis method

1 Scope

This document specifies a procedure for determination of accelerated formaldehyde release from uncoated and coated wood-based panels using the gas analysis method. The procedure is also suitable for the testing of other materials (e.g. edge bands, floor coverings, foams, foils, laminated wood products, veneered wood products, coated wood products).

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 16979, *Wood-based panels — Determination of moisture content*

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

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