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Wood-based panels — Plywood — Blockboards and battenboards

*Panneaux à base de bois — Contreplaqués — Panneaux lattés avec
lattes étroites et avec lattes larges*



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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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 89, *Wood-based panels*, Subcommittee SC 3, *Plywood*.

This second edition cancels and replaces the first edition (ISO 13609:2014), which has been technically revised.

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

- inclusion of a reference to ISO 2426-4;
- deleted reference to ISO/IEC Guide 65:1996.

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 — Plywood — Blockboards and battenboards

1 Scope

This document establishes requirements for the specifications of blockboards and battenboards for general use, in dry, tropic dry/humid, and high-humid/exterior conditions. It includes requirements of materials, lay-up, physical and mechanical properties, bonding quality, formaldehyde release, conformity verification, and marking.

The values listed in this document relate to product properties, but they are not characteristic values to be used in design calculations.

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 1954, *Plywood — Tolerances on dimensions*

ISO 2074, *Plywood — Vocabulary*

ISO 2426-2:2020, *Plywood — Classification by surface appearance — Part 2: Hardwood*

ISO 2426-3:2000, *Plywood — Classification by surface appearance — Part 3: Softwood*

ISO 2426-4:2018, *Plywood — Classification by surface appearance — Part 4: Palm-plywood*

ISO 9426, *Wood-based panels — Determination of dimensions of panels*

ISO 12460-1, *Wood-based panels — Determination of formaldehyde release — Part 1: Formaldehyde emission by the 1-cubic-metre chamber method*

ISO 12460-3, *Wood-based panels — Determination of formaldehyde release — Part 3: Gas analysis method*

ISO 12460-4, *Wood-based panels — Determination of formaldehyde release — Part 4: Desiccator method*

ISO 12465:2007, *Plywood — Specifications*

ISO 12466-1, *Plywood — Bonding quality — Part 1: Test methods*

ISO 12466-2, *Plywood — Bonding quality — Part 2: Requirements*

ISO 16978, *Wood-based panels — Determination of modulus of elasticity in bending and of bending strength*

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

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

ISO 18775, *Veneers — Terms and definitions, determination of physical characteristics and tolerances*

3 Terms and definitions

For the purposes of this document, the terms and definitions in ISO 2074, ISO 12465, and ISO 18775 and the following apply.