

INTERNATIONAL
STANDARD

ISO
4556

First edition
2023-07

**Wood raw parquet elements —
General characteristics**

Éléments de parquet bruts en bois — Caractéristiques générales



Reference number
ISO 4556:2023(E)

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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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).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 218, *Timber*.

This first edition of ISO 4556 cancels and replaces ISO 3397:1977 and ISO 5321:1978 as being the merging of the two International Standards.

The main changes are as follows:

- updating of the vocabulary according to ISO 5323:2019;
- clarifying on an editorial point of view some requirements.

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.

Introduction

The main purpose of this document is to establish the common international point of member countries of the International Organization for Standardization (ISO), concerning the manufacturing characteristics, the dimensions, the tolerances, the methods for quality control and delivery conditions, the measurement and the marking of hardwood and softwood raw parquet elements.

Wood raw parquet elements — General characteristics

1 Scope

This document specifies the manufacturing characteristics, the dimensions, the tolerances, the methods for quality control and delivery conditions, the measurement and the marking of hardwood and softwood raw parquet elements.

NOTE The classification of raw parquet elements according to specific characteristics and wood defects are specified, for the different species of wood, in the relevant International Standards such as ISO 4561.

This document applies to raw parquet elements intended for the manufacture of strips for different types of parquet flooring.

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 2036, *Wood for manufacture of wood flooring — Symbols for marking according to species*

ISO 5323, *Wood flooring and parquet — Vocabulary*

ISO 13061-1, *Physical and mechanical properties of wood — Test methods for small clear wood specimens — Part 1: Determination of moisture content for physical and mechanical tests*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5323 and the following apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

raw parquet element

raw parquet block (US, CANADA)

unfinished piece of solid wood having flat and reasonably parallel faces and rectangular cross-section, obtained by sawing, and having the dimensions required for the manufacture of parquet strips

[SOURCE: ISO 5323:2919, 3.4]

4 Geometrical characteristics

Raw parquet elements shall have the faces and the edges flat and parallel two by two. Faces and edges shall form parallel sharp arrises.

The arrises of the ends shall be perpendicular to the lateral arrises of the parquet element faces