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Wood parquet strips — Classification

Lames de parquet en bois — Classement



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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Manufacture, characteristics, delivery conditions	1
5 Classification	2
Bibliography	8

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. 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](#)

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

This first edition of ISO 4556 cancels and replaces ISO 1324:1985, ISO 2457:1976, ISO 5320:1980 and ISO 5334:1978 as being the merging of these four standards

The main changes are as follows:

- updating of the vocabulary according to ISO 5323:2019 and ISO 24294:2021
- clarifying on an editorial point of view some requirements
- introducing new species

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 classification, by quality, of broadleaved and coniferous non-assembled solid parquet strips.

Wood parquet strips — Classification

1 Scope

This document establishes the classification, by quality, of non-assembled solid parquet strips of the following wood species:

- oak (*Quercus* sp.),
- hickory (*Carya* sp.),
- beech (*Fagus sylvatica* sp.),
- birch (*Betula* sp.),
- maple (*Acer* sp.),
- fir (*Abies* sp.),
- spruce (*Picea* sp.), and
- maritime pine (*Pinus pinaster* sp.).

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 5323, *Wood flooring and parquet — Vocabulary*

ISO 24294, *Timber — Round and sawn timber — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 5323 and ISO 24294 apply.

4 Manufacture, characteristics, delivery conditions

The manufacture, the characteristics and the delivery conditions are given in ISO 1072.

The minimum dimensions and the mean lengths for deliveries in non-specified lengths shall be the subject of agreement between the interested parties.

Solid parquet strips shall have a moisture content at delivery between 6 % and 13 % unless the buyer and seller agreement or local requirements are more restrictive. The protection or lack of protection of the sapwood against insect damage shall be specially detailed in the purchase order.

NOTE The requirement for moisture content depends on geographic equilibrium moisture conditions.

Unless otherwise requested, the wood of solid beech parquet strips shall be steamed before delivery.

Solid fir, spruce and maritime pine parquet strips may be treated to give effective protection to all parts of the strip liable to be attacked by insects, without impairing subsequent use of the strips, the parquet appearance or its maintenance.