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LY

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 3131-2019

Wood parquet flooring

木质拼花地板

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

Please note that some elements of this document may involve patents. The issuer of this document is not responsible for identifying these patents.

This standard was proposed and managed by the National Timber Standardization

Technical Committee (SAC/TC 41).

This standard was drafted. Jilin Provincial Forestry Research Institute, Jiusheng Flooring Co., Ltd., Suzhou David Wood Co., Ltd., Jiaxing Rongshi Wood Industry Co., Ltd., Zhejiang Shiyou Wood Industry Co., Ltd., Wood Industry Research Institute of Chinese Academy of Forestry, Nature Home (China) Co., Ltd., Zhejiang Forest Star Cultural Floor Co., Ltd., Zhejiang Yuhua Wood Co., Ltd., Zhejiang Lingge Wood Co., Ltd., Dunhua Sentai Wood Industry Co., Ltd., Suzhou Haojia Wood Industry Co., Ltd., Baroque Wood Industry (Zhongshan) Co., Ltd., Zhongshan Creative Players Home Co., Ltd.

Division, Foshan Giraffe Wood Floor Manufacturing Co., Ltd., Del Future Technology Holdings Group Co., Ltd., Wujiang Yale Wood Co., Ltd., Suzhou Hongfang Home Furnishing Co., Ltd., Zhejiang Delian Home Furnishing Co., Ltd., Suzhou Duolun Wood Industry Co., Ltd., Zhejiang Ruitong Photoelectric Material Co., Ltd., Huzhou Xigao Wood Industry Co., Ltd., Zhejiang Fudeli Wood Industry Co., Ltd., Shuxiang Mendi (Shanghai) New Material Technology Co., Ltd., Jiangsu Senmao Bamboo Wood Co., Ltd., Anhui Yangzi Flooring Co., Ltd.

1 Scope

This standard specifies the terms and definitions, classification, requirements, inspection methods, inspection rules, signs, packaging, Transportation and storage.

This standard applies to wooden parquet flooring as defined in 3.1.

2 Normative references

The following documents are essential for the application of this document. For dated references, only the dated version applies to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 2828.1-2012 Counting sampling inspection procedures Part 1. Batch inspection sampling retrieved by acceptance quality limit (AQL) plan GB/T 15036.2-2018 Solid wood flooring Part 2. Inspection methods GB/T 18102-2007 Laminated wood flooring with impregnated paper GB/T 18103-2013 parquet LY/T 1611 Fiberboard for floor substrate LY/T 1738 plywood for parquet LY/T 1859 antique wooden floor

3 Terms and definitions

The following terms and definitions apply to this document.

Wood parquet flooring Through the unit design, they are assembled into a wooden floor with a specific pattern.

Solid wood parquet flooring A parquet floor with a specific pattern is assembled from solid wood groups.

Engineered wood parquet flooring Multi-layered plywood is used as the base material, the surface is covered with wood veneer, and the parquet floor is spliced and pressed into a specific pattern.

Laminated parquet flooring Fiberboard as the base material, the surface is covered with decorative paper with special patterns, and hot-pressed parquet flooring.

Inlay fastness

Refers to the firmness of the inlay on the parquet floor in different ways.

4 Classification

4.1

By material composition

- a) Solid wood parquet floor;
- b) solid wood composite parquet floor;
- c) Laminated parquet with impregnated paper.

4.2

By surface shape

- a) flat parquet floor;
- b) Non-planar parquet floor.

4.3 According to finishing method

- a) paint facing parquet floor;
- b) parquet oil parquet flooring;
- c) Unpainted parquet floor.

5.1 Grading

According to the appearance quality of the product, it is divided into superior products and qualified products.

5.2.1 Panel main tree species

Oak, Ash, Black Walnut, Cherry, Teak, Birch, Maple, etc.

5.2.2 Panel thickness

Usually 0.6 mm, 1.0 mm, 1.2 mm, 2.0 mm, 2.5 mm, 3.0 mm, etc.

Note: The panel tree species and thickness can be produced according to the supply and demand agreement.

5.2.3 Base material for parquet floor

Fiberboard shall comply with LY/T 1611-2011, and plywood shall comply with LY/T 1738-2008.

5.3 Appearance quality

5.3.1

The appearance quality of solid parquet flooring shall meet the requirements of Table 1.

Table 1 Appearance quality requirements of parquet

name

positive

back

Top quality product

Live festival

Excluding diameter ≤ 15 mm, $15 \text{ mm} < \text{diameter} < 50$ mm, floor length ≤ 760 mm, ≤ 1 ;

$760 \text{ mm} < \text{floor length} \leq 1200$ mm, ≤ 3 Pieces; floor length > 1200 mm, ≤ 5 pieces

Diameter ≤ 50 mm, unlimited number Dead festival Need repair, diameter ≤ 5 mm, Floor length ≤ 760 mm, not allowed; $760 \text{ mm} < \text{Floor length} \leq 1200$ mm, ≤ 1 ; floor Length > 1200 mm, ≤ 3 Need repair, diameter ≤ 10 mm, Floor length ≤ 760 mm, ≤ 2 ;

Floor length > 760 mm, ≤ 5 Allow repairs, unlimited size or quantity Countersunk Need repair, diameter ≤ 1 mm, Floor length ≤ 760 mm, ≤ 3 ;

Floor length > 760 mm, ≤ 5 Need repair, diameter ≤ 2 mm, Floor length ≤ 760 mm, ≤ 5 ;

Floor length > 760 mm, ≤ 10 Need to be patched, Diameter ≤ 3 mm, number ≤ 15

Surface crack Need repair, crack length $\leq 15\%$ of length, Crack width ≤ 0.50 mm, number of pieces ≤ 2 Need repair, crack length $\leq 20\%$ of length, Crack width ≤ 1.0 mm, number of pieces ≤ 3 Need repair, crack length $\leq 20\%$, crack width ≤ 2.0 mm, number of pieces ≤ 3 Resin pouches are not allowed Length ≤ 10 mm, width ≤ 2 mm, ≤ 2 Unlimited Myeloma is not allowed Decay is not allowed Decayed area $\leq 20\%$, not peeling, can't twist into powder not allowed Length $\leq 30\%$ of floor length, wide Degree $\leq 20\%$ of floor width Processing corrugation is not allowed to be not obvious and unlimited Incomplete tongue is not allowed