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

LY/T 3201-2020

Flattened bamboo flooring

展平竹地板

(English Translation)

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Table of Contents

Foreword	
1 Scope	
2 Normative references	
3 Terms and definitions	
4 Categories	
5 Requirements	
5.1 Classification	
5.2 Specifications and deviations	
5.3 Appearance quality requirements	
5.4 Physical and chemical performance indicators	
6 Inspection method	
6.1 Inspection of specifications	
6.2 Appearance quality inspection	
6.3 Physical and chemical performance inspection	
7 Inspection rules	
7.1 Inspection classification	
7.2 Factory inspection	
7.3 Type inspection	
7.4 Sampling plan and determination rules	
7.5 Comprehensive judgment	
8 Marking, packaging, transportation and storage	
8.1 Logo	
8.2 Packaging	
8.3 Transportation and storage	

Foreword

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

This standard was proposed and managed by the National Bamboo and Rattan Standardization Technical Committee (SAC/TC 263).

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1 Scope

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

This standard applies to flat bamboo flooring for indoor use.

2 Normative references

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

GB/T 2828.1-2012 Sampling Inspection Procedures by Attributes Part 1: Batch Inspection Retrieved by Acceptance Quality Limit (AQL) Sampling plan GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and facing wood-based panels GB/T 18103-2013 Solid wood composite floor GB 18580 The limit of formaldehyde emission in wood-based panels and products of interior decoration materials GB/T 20240-2017 Bamboo laminated timber flooring GB/T 38394-2018 Bamboo Product Terminology

3 Terms and definitions

The following terms and definitions defined in GB/T 38394-2018 and GB/T 20240-2017 apply to this document.

Flattened bamboo

A sheet-like material made of bamboo tubes or curved bamboo sheets after softening, unfolding, drying and shaping.

The surface layer is made of bamboo slabs.

[GB/T 38394-2018, definition, 2.3.8] 3.3 the surface layer retains the bamboo green flat bamboo floor.

The surface layer removes the bamboo green flat bamboo floor.

The surface layer is a bamboo exhibition board, and the bottom layer is a bamboo exhibition board or a floor made of other bamboo materials.

The surface layer is a bamboo board, and the core or bottom layer is a bamboo board or a floor made of other wooden materials.

4 Categories

4.1

According to whether the surface is painted or not.

Finishing and flattening bamboo flooring;

Unpainted flat bamboo flooring.

4.2

According to the presence or absence of bamboo green on the surface.

Stay green and flatten bamboo flooring;

Go to the green flat bamboo floor.

5.1 Classification

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

5.2 Specifications and deviations

5.2.1

Common specifications are as follows.

Length (mm). 810, 970, 1000, 1210, 2000;

Width (mm). 58, 83, 97, 125, 180, 220;

Thickness (mm). 15, 18.

Products of other specifications can be produced upon agreement between the supply and demand parties.

5.2.2 Allowable deviation

Should meet the requirements of Table 1.

5.3 Appearance quality requirements

Should meet the requirements of Table 2.

Note 1: Not obvious-normal vision is 0.4 m from the floor under natural light, which is not easy to distinguish by naked eye observation.

Note 2: Bubbles, pinholes, wrinkled skin, leaking paint, particles, and bulging are the inspection items for coating and flattening bamboo flooring.

Note 3: Surface dents are the inspection items for the green and flat bamboo flooring.

Note 4: Chromatic aberration and missing planing are the inspection items for removing the green and flattening bamboo flooring.

5.4 Physical and chemical performance indicators

Should meet the requirements of Table 3.

6.1.1 Measuring instruments

6.1.1.1

Steel tape measure, 3m long, with a graduation of 1.0 mm.

6.1.1.2 150mm steel ruler, the graduation value is 0.5 mm.

6.1.1.3

Vernier caliper, the graduation value is 0.02 mm.

6.1.1.4

Micrometer, the graduation value is 0.01 mm.

6.1.1.5 Straight angle ruler, accuracy level 2

6.1.1.6 Feeler gauge, the graduation value is 0.02 mm.

6.1.2 Net length of surface layer l

Carry out in accordance with the provisions in 6.2.2.1 of GB/T 18103-2013.

6.1.3 Clear surface width w

According to the provisions of 6.2.2.2 of GB/T 18103-2013.