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

GB/T 15036.1-2018

Replacing GB/T 15036.1-2009

Solid wood flooring - Part 1: Technical requirements

实木地板 第1部分：技术要求

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Foreword

GB/T 15036 "Solid Wood Flooring" is divided into two parts.

--- Part 1. Technical requirements;

--- Part 2. Test methods. This part is the first part of GB/T 15036. This part is drafted in accordance with the rules given in GB/T 1.1-2009. This part replaces GB/T 15036.1-2009 "Solid wood flooring Part 1. Technical requirements". With GB/T 15036.1-2009 The main changes are as follows:

--- Add content to modify terms and definitions (see Chapter 3);

--- Increased classification by processing technology (see 4.4);

--- Modified wood floor width deviation requirements (see 5.2.1, 6.2.2 of the.2009 edition);

--- Modified live joints, dead knots, surface crack limit requirements (see 5.3,.2009 version 6.3.1);

--- Improve the requirements of wear-resistant quality products on the surface of paint film (see 5.4.1,

6.4.1 of.2009 edition);

--- Increased requirements for moisture content deviation (see 5.4.1, 6.4.1 of the.2009 edition);

--- Increased the requirements for pollution resistance and heavy metal content of the paint film surface (see 5.4.1);

--- Modified and adjusted some applicable tree species names (see Appendix B, Appendix B of the.2009 edition). This section was proposed by the National Forestry and Grassland Bureau. This part is under the jurisdiction of the National Timber Standardization Technical Committee (SAC/TC41). This section drafted by: Heilongjiang Academy of Forestry, Zhejiang Forest Product Quality Inspection Station, China Academy of Forestry Science and Wood Industrial Research Institute, Nature Home (China) Co., Ltd., Zhejiang Shiyou

Wood Industry Co., Ltd., Zhejiang Fudeli Wood Co., Ltd., Zhejiang Lingge Wood Industry Co., Ltd., Jiusheng Flooring Co., Ltd., Fujian Dazhuang Bamboo Industry Technology Co., Ltd., Shanghai Filminger Wood Co., Ltd., Zhejiang Gerson Wood Industry Co., Ltd., Dehua Bunny Decoration New Material Co., Ltd., Zhejiang Shenghua Yunfeng New Material Co., Ltd., Hangzhou Mingcheng Wood Industry Co., Ltd., Fulin Home (China) Holdings Co., Ltd., Suzhou Haoyijia Wood Co., Ltd., Jiaxing Rongshi Wood Co., Ltd., Shaoxing Binbin Wood Industry Co., Ltd., Suzhou David Wood Industry Co., Ltd., Anhui Yangzi Flooring Co., Ltd., Zhejiang Chuangxin Wood Industry Co., Ltd. Locke Wood (Zhongshan) Co., Ltd., Zhejiang Dayou Wood Industry Co., Ltd., Zhejiang Good Luck Wood Co., Ltd., Anxin Weiguang (Shanghai) Wood Co., Ltd. Company, Suzhou Lianfeng Wood Industry Co., Ltd., Zhejiang Changfang Wood Industry Co., Ltd., Zhejiang Dadong Wulujia Wood Industry Co., Ltd., Zhejiang Ruicheng Wood Industry Co., Ltd. Limited Company, Zhejiang Shangchen Home Technology Co., Ltd., Zhejiang Linchang Wood Industry Co., Ltd., Zhejiang Yongji Wood Industry Co., Ltd., Zhejiang Kanghui Wood Industry Limited company, Zhejiang Longsen Wood Industry Co., Ltd., Shanghai Pan American Flooring Co., Ltd., Zhejiang Fangyuan Wood Industry Co., Ltd., Zhejiang Honglifu Solid Wood Industry Limited company, Zhejiang Life Home Baroque Flooring Co., Ltd., Suzhou Yanmu Geothermal Floor Technology Co., Ltd., Suzhou Anxin Industrial Co., Ltd., Zhejiang Jiang Ruitong Photoelectric Materials Co., Ltd., Del Future Technology Holdings Group Co., Ltd. The main drafters of this section. Guan Fang, Fang Chongrong, Huang Xiaoshan, Xu Manping, Lu Bin, Yan Xuebin, Ni Yuezong, Meng Rongfu, Liu Binbin, Zhang Enzhen, Shen Haiying, Liu Dunyin, Jiang Xuelin, Shen Jianping, Zhao Jianzhong, Xia Yeming, Zhang Junwei, Luo Huiming, Rong Hui, Jiang Jinfa, Jiang Wei, Lei Xiang, Zhu Yuxu, Lin Deying, Wang Zhijie, Ding Qilong, Lu Weiguang, Shen Jianxin, Chen Yuhong, Meng Erhu, Pang Yuliang, Gu Guohua, Zhang Yufeng, Hu Zhiqing, Shen Jiankang, Hu Minhao, Yang Jianzhong, Dong Guoping, Shen Jianping, Xu Zhengcai, Qi Kuiyi, Mei Chuanlong, Yan Hua, Zhang Lixin. The previous versions of the standards replaced by this section are.

1 Scope

China's national technical requirements for solid wood flooring. It is Part 1 of GB/T 15036 and specifies the terms and definitions, the classification, the requirements and the packaging, marking, transport and storage, applying to flooring machined directly from a single piece of wood, without splicing and without an overlay. That scope is the point of the document. Solid wood flooring competes on a shelf with engineered flooring, laminate and bamboo, all of which look similar when laid and cost less, and the distinction the standard draws - one piece of wood, not spliced, not veneered - is what a buyer is paying the difference for. What follows from it is a set of requirements that a manufactured board does not have to meet in the same way. Wood moves with moisture and a solid board moves more than a layered one, because a plywood or engineered core is deliberately built to cancel that movement; so the moisture content at delivery is the central requirement here,

and it has to be matched to the region where the floor will be laid rather than set as a single national figure. Around it sit the dimensional and shape tolerances - thickness, width, length, squareness, straightness, and the fit of the tongue and groove, which is what decides whether the floor closes up - the appearance grading with its permitted defects by grade, the surface coating adhesion, hardness and abrasion resistance where the board is prefinished, and the formaldehyde emission for the coated types. The inspection methods are in Part 2. Issued on 13 July 2018 and in force since 1 February 2019, it replaces GB/T 15036.1-2009.

This part of GB/T 15036 specifies the terms and definitions, classification, requirements and packaging, marking, transportation and storage of solid wood flooring. This section applies to floors that have been directly processed from a single piece of wood that has not been spliced or covered.

2 Normative references

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

GB/T 4823-2013 sawn timber defects

GB/T 16734-1997 China's main wood name GB/T 18103-2013 parquet GB/T 18107 Rosewood

GB/T 18513-2001 China's main imported wood name

3 Terms and definitions

The following terms and definitions as defined in GB/T 4823-2013 and GB/T 18103-2013 apply to this document.

3.1 Solid wood flooring A floor that is directly processed from a single piece of wood that has not been spliced and covered.

3.2 Non-planar solid wood flooring solidwoodflooringboardwithunevensurface Solid wood flooring with unique surfaces such as embossing, molding, sawing, and drawing.

3.3 Unpainted solid wood flooring unlacqueredsolidwoodflooringboard Unpainted solid wood flooring.

3.4 Lacquered solid wood flooring lacqueredsolidwoodflooringboard Surface painted solid wood flooring.

3.5 Oiled solid wood flooring varnishedsolidwoodflooringboard The surface is painted with wood wax oil, vegetable oil, etc.

3.6 Assembling apart gluedgap A splicing gap between two adjacent floors.

3.7 Assembled height difference assembledhighdifference The difference in height between the adjacent two floor surfaces.

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