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

GB/T 20238-2018

Replacing GB/T 20238-2006

**Installation, inspection and usage guidelines for wooden
flooring**

木质地板铺装、验收和使用规范

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 20238-2006 "Code for the inspection, acceptance and use of

wooden floors". This standard and GB/T 20238-2006 In contrast to the editorial changes, the main technical changes are as follows:

- Added product laminate flooring, antique wood flooring and solid wood flooring for floor heating (see 5.1, 6.1, 7.1 and 8.1, Chapter 1 of the.2006 edition);
- Added wood keel method, reconstituted wood, recombination wood floor, leveling layer, moisture barrier layer, soaking layer, heat insulation layer, baseboard, buckle, ground spoke Radiation heating system, concrete or cement mortar filled ground radiant heating and cooling, pre-groove insulation board, ground radiant heating, etc. Language and definition (see Chapter 3);
- Removed the terminology and definition of interface agent and cement-based self-leveling mortar for ground (see 3.14 of.2006 edition);
- Revised the definition of wooden floor and wooden keel for floor heating (see 3.1 of.2006 edition);
- Added classification (see Chapter 4);
- Revised the standard structure, from the use of the floor category to the chapter arrangement, adjusted to the paving method, acceptance and use specifications Arrangements (see Chapter 5 ~ Chapters 7 and 9, Chapter 10, Chapters 4 through 6 of the.2006 edition);
- Revised the general provisions of paving specifications and other regulations (see 5.2.1, 5.2.2, 7.2.2, 8.2.1 and 8.2.2,.2006 edition 4.1.1) 5.1.1, 6.1.1 and 7.1.1);
- Revised the preparations before the pavement (see 5.2.5.1.1,

1 Scope

China's national code for laying a wooden floor, accepting it and living with it. It specifies the terms and definitions, the classification, the installation requirements, the completion acceptance requirements, and the requirements for use and for quality during the warranty period, and it applies to the installation, acceptance and use of wooden flooring indoors. Almost every complaint about a wooden floor is blamed on the boards and caused by something else. Wood moves with moisture, permanently and irresistibly: a floor laid on a subfloor that was still wet cups and buckles, one laid without an expansion gap at the perimeter has nowhere to go and lifts, one laid in a room that is then heated to a dry winter

humidity shrinks and opens gaps at every joint. None of that is a defect in the flooring, and none of it can be corrected afterwards without lifting the floor. So the standard governs the three parties that a flooring dispute involves. For the installer it sets the conditions the substrate must meet - flatness, moisture content, cleanliness - the acclimatisation of the material before laying, the expansion allowances, the fixing methods for the different constructions, and the treatment of underfloor heating, which is the hardest case because the floor is deliberately cycled through a temperature range. For acceptance it sets what is checked and to what tolerance, and when, so that a floor is signed off on defined criteria rather than on an argument. And for the user it sets the conditions under which the floor must be kept and maintained, which is what makes a warranty enforceable in either direction. Issued on 14 May 2018 and in force since 1 December 2018, it replaces GB/T 20238-2006.

This standard specifies the terms and definitions, classification, paving requirements, completion acceptance requirements, and use of wooden floor covering, acceptance and use specifications. Quality requirements during the specification and warranty period. This standard applies to indoor wooden paving, acceptance and use.

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 4897 Particleboard
GB/T 5849 Blockboard

GB/T 9846 ordinary plywood

GB/T 15036.1 Solid wood flooring - Part 1. Technical requirements

GB/T 15036.2-2009 Solid wood flooring - Part 2. Test methods

GB/T 18102 impregnated paper laminated wooden floor GB/T 18103 parquet

GB 18580 Interior decoration and decoration materials, artificial board and its products, formaldehyde release limit

GB 18583 Limits of harmful substances in adhesives for interior decoration materials

GB/T 20240 bamboo flooring

GB/T 24599-2009 Indoor wooden floor installation supporting materials

GB/T 35913 Technical requirements for solid wood flooring for heating

GB 50209-2010 Building ground engineering construction quality acceptance specification
JGJ142-2012 Radiation Heating and Cooling Technical Regulations LY/T 1614 solid wood integrated floor LY/T 1657 cork flooring LY/T 1700 floor heating wooden floor LY/T 1859

antique wooden floor LY/T 1984-2011 Reorganized wooden floor LY/T 1987 wooden
baseboard

3 Terms and definitions

GB/T 15036.1, GB/T 18102, GB/T 18103, GB/T 24599-2009, GB 50209-2010, JGJ142-2012 And the following terms and definitions as defined by LY/T 1984-2011 and the following apply to this document. For ease of use, the following is repeated Certain terms and definitions in GB/T 24599-2009, GB 50209-2010, JGJ142-2012 and LY/T 1984-2011.

3.1 Wood keel method interiorwoodframinginstalation A paving method for laying the floor on a wooden keel or on a wooden keel and fur floor.