

ICS 79.080

CCS B70



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

GB/T 18102-2020

Replacing GB/T 18102-2007

Laminate floor coverings

浸渍纸层压木质地板

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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 18102-2007 "Impregnated Paper Laminated Wooden Floor". This standard is compared with GB/T 18102-2007, except for In addition to the editorial changes, the main technical content changes are as follows:

---The categories and requirements of non-planar impregnated paper-laminated wood floors and impregnated paper-laminated wood floors for floor heating have been added (see Chapter 4, Chapter 4). Chapter 5 and Chapter 6);

---Modified the commercial grade to commercial grade I and commercial grade II (see 4.1, 4.1 in.2007 edition);

---Deleted the surface abrasion resistance classification (see 4.5 in the.2007 edition) and the classification of formaldehyde emissions (see 4.6 in the.2007 edition);

---In the regulations for flat-impregnated paper laminated wood flooring, the performance requirements and inspection methods for locking force and surface water vapor resistance are added (See 5.4.1, 6.3.15 and 6.3.18);

---Modified the index value of density, the grade and index value of formaldehyde emission (see 5.4.1, 5.4 of the.2007 edition);

---In the provisions of the flat impregnated paper laminated wood flooring, the water absorption thickness expansion rate, surface bonding strength and surface wear resistance have been adjusted The performance indicators are set according to the purpose, and the corresponding indicator values have been modified (see 5.4.1, 5.4 in the.2007 edition);

---Deleted the static flexural strength performance requirements of the plane impregnated

paper laminated wood flooring (see

1 Scope

GB/T 18102-2020 is the Chinese national standard on laminate floor coverings, in the field of wood technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 December 2020 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2021. Classification: ICS 79.080, CCS B70. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

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 article. For undated reference documents, the latest version (including all amendments) applies to this document.

GB/T 2828.1-2012 Sampling inspection procedures by attributes Part

GB/T 15102-2017 Impregnated film paper facing fiberboard and particleboard

GB/T 17657-2013 Test method for physical and chemical properties of wood-based panels and facing wood-based panels

GB/T 18259-2018 Artificial board and its surface decoration terms

GB 18580 The limit of formaldehyde emission in wood-based panels and products of interior decoration materials

GB/T 28995 wood-based panel facing special paper

GB/T 39600-2020 Classification of formaldehyde emission of wood-based panels and their products LY/T 1700 Wooden floor for floor heating LY/T 1859 Antique wooden floor

3 Terms and definitions

The following terms and definitions defined in GB/T 18259-2018 and GB/T 28995 apply to this document. For ease of use, the following Some terms and definitions in GB/T 18259-2018 are repeatedly listed.

3.1 Use one or more layers of special paper impregnated with thermosetting amino resin, and pave it on the front of artificial board substrates such as high-density fiberboard and

particleboard. The surface of the paper is added with a wear-resistant layer, and the back of the base material is added with a balance layer, and the floor is formed by hot pressing.

Note

1.The trade name of impregnated paper laminated wood flooring is laminated wood flooring. Note

2.The wear-resistant layer includes wear-resistant surface layer adhesive film paper or coated wear-resistant material layer.

3.2 Dried flower frostingmark Opaque white mottling on the surface of the product.

Note. Rewrite GB/T 18259-2018, definition 3.4.68.

3.3 Wet flower watermark Haze marks on the surface of the product.