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Interior decorative wood-based wallboard

室内装饰木质墙板

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

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Interior decorative wooden wall panels

1 Scope

This document defines the terminology and definitions for interior decorative wood wall panels, and specifies the classification, requirements, inspection rules, marking, packaging, and transportation.

The requirements for storage and the corresponding testing methods are described.

This document applies to the production, inspection, and sale of interior decorative wooden wall panels.

2 Normative references

GB/T 191

GB/T 2411

GB/T 2828.1-2012

GB/T 4893.7-2013

GB 6675.4-2014

GB/T 7019-2024

GB 8624-2012

GB/T 8626-2007

GB/T 9846-2015

GB/T 17657-2022

GB 18580

GB 18584-2024

GB/T 19367-2022

GB/T 20284-2006

GB/T 38724-2020

GB/T 39600-2021

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Interior wall paneling

Interior decorations made from solid wood, engineered wood, wood-plastic composite, stone-wood-plastic composite, etc., as base materials, and finished with decorative paper, decorative film, or coating.

3.2

Interior decorative wooden wall panels with impregnated paper as the surface finishing material.

3.3

Interior decorative wooden wall panels with surface finishing materials such as polyvinyl chloride (PVC), polypropylene (PP), or polyester film (PET).

3.4 Coated wood-based walboard

Interior decorative wooden wall panels with paint as the surface finishing material.

3.5

Interior decorative wooden wall panels that are digitally printed and coated with paint for

surface finishing.

3.6

Interior decorative wooden wall panels using wood-plastic composite as the base material.

3.7 Interior decorative wooden wall panels made from composite materials

Using calcium carbonate powder, wood fiber, polyvinyl chloride or polypropylene and other polymer materials and additives as raw materials, and through foaming or non-foaming processes, etc.

3.8 Inorganic wood-based walboard

It is made by using inorganic cementitious materials as the main binding unit and wood fiber materials as the reinforcing unit, and is manufactured through molding, pressurization (or non-pressurization), and curing.

Interior decorative wooden wall panels with composite materials as the base material.

4 Classification

4.1 Classified by finishing material.

- a) Decorative paper-faced wood wall panels;
- b) Decorative film-faced wood wall panels;
- c) Painted wood wall panels (including digitally printed wood wall panels).

4.2 Classified by substrate.

- a) Solid wood wall panels (base material includes engineered wood);
- b) Artificial board wall panels (substrate includes decorative veneer artificial board);
- c) Wood-plastic composite wall panels (substrate includes foamed wood-plastic composite boards and non-foamed wood-plastic composite boards);
- d) Stone-wood-plastic composite wall panels (base materials include foamed stone-wood-plastic composite boards and non-foamed stone-wood-plastic composite boards);
- e) Inorganic wood wall panels.

5.1 Appearance Quality

The appearance quality of the front of the interior decorative wooden wall panels should meet the requirements of Table 1. Defects on the back and edges should not affect the use of the wall panels.