



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

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Determination of dimensions of wood-based panels

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Table of Contents

Foreword...	3
1 Scope...	5
2 Normative references...	5
3 Terms and definitions...	5
4 Determination methods...	6
5 Result expression...	9
6 Test report...	10

Foreword

This document is drafted in accordance with the provisions of GB/T 1.1-2020

"Directives for standardization - Part 1. Rules for the structure and drafting of standardizing documents".

This document replaces GB/T 19367-2009 "Determination of dimensions of wood-based panels". Compared with GB/T 19367-2009, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) ADD terms and definitions (see Chapter 3);
- b) DELETE the principles, sampling, moisture content and balance processing of the plate during measurement (see Chapters 3, 4, 5, 6 of the 2009 edition);
- c) ADD the diagonal method for squareness determination (see 4.4.2);
- d) CHANGE the length measurement position (see 4.2; 8.2 of the 2009 edition);
- e) CHANGE the flatness determination (see 4.6; 8.5 of the 2009 edition);
- f) CHANGE the thickness accuracy requirements (see 5.2; 9.1 of the 2009 edition).

This document modifies and adopts ISO 9426.2003 "Wood-based panels - Determination of dimensions of panels".

Compared with ISO 9426.2003, this document has many structural adjustments. See Appendix A for a list of structure number comparisons between the two documents.

Compared with ISO 9426.2003, this document has many technical differences. The

involved clauses are marked with a vertical single line () in the outer margin of the page. A list of these technical differences and their causes is provided in Appendix B.

The following editorial changes have been made to this document.

- a) In order to coordinate with the existing standards, CHANGE the name of the standard into "Determination of dimensions of wood-based panels";
- b) ADD note to Figure 3;
- c) ADD informative appendix A and appendix B.

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

This document was proposed by the State Forestry and Grassland Administration.

This document shall be under the jurisdiction of the National Standardization Technical Committee for Wood-based panels (SAC/TC 198).

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1 Scope

This document describes methods for the determination of length, width, thickness, squareness, edge straightness, flatness of wood-based panels.

This document is applicable to the dimensional determination of wood-based panels.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, for dated reference documents, only the version corresponding to the date applies to this document; for undated reference documents, the latest version (including all amendments) applies to this document.

JB/T 12202-2015 Wedge feeler gauge

3 Terms and definitions

The following terms and definitions apply to this document.

The degree of lateral bending deformation in the direction perpendicular to the edge of the plate (including the length side and width side).

4 Determination methods

Measure the thickness of the panel, at a distance of 24 mm ~ 50 mm from the edge of the panel.

Place the mechanical square (4.1.4) on the panel corner, with one arm close to one side of the panel corner. Select steel square (4.1.5), feeler gauge (4.1.7), wedge feeler gauge (4.1.8), or vernier caliper (4.1.3) according to the measurement range, to measure the distance Δ_1 between the 1000 mm point of the mechanical square arm and the edge of the panel (see Figure 1).

5 Result expression

The result is the maximum spacing divided by the length of that side, expressed in millimeters per meter (mm/m). The width and length of the panel are expressed separately.

The results are expressed as the ratio of the maximum deformation value to the diagonal of the panel, expressed in millimeters per meter (mm/m).

6 Test report

The test report shall contain the following information.

Appendix A

(Informative)

Comparisons of structure numbers between this document and ISO 9426.2003

Appendix B

(Informative)

List of technical differences between this document and ISO 9426.2003 and their reasons

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