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

GB/T 23932-2025

Replacing GB/T 23932-2009

Double skin metal faced insulating panels for buildings

建筑用金属面绝热夹芯板

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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. This document replaces GB/T 23932-2009 "Metal-faced Insulated Sandwich Panels for Buildings". Compared with GB/T 23932-2009, except for the structure... Aside from adjustments and editorial changes, the main technical changes are as follows:

- a) The "Category" and "Label" have been changed (see 4.1, 4.3, Chapter 4 of the.2009 edition);
- b) Added "Specifications and Dimensions" (see 4.2);
- c) The definition of "color-coated steel sheet" has been changed (see 5.1.1, 5.1.1 in the.2009 edition);
- d) Added "stainless steel sheet, stainless steel sheet with color coating" and "aluminum alloy sheet, aluminum alloy sheet with color coating" (see 5.1.2, 5.1.3);
- e) The types and requirements for "insulation core material" have been changed (see 5.2,.2009 edition of 5.2);
- f) Added requirements for "edge sealing material" (see 5.3);
- g) The requirements for "Appearance Quality," "Dimensional Tolerances," and "Peel Performance and Bending Capacity" have been revised (see 6.1.1 to 6.1.4,.2009 edition). (6.1, 6.2.2, 6.3.2.2, 6.3.3)
- h) The "combustion performance" requirement has been changed (see 6.1.5,

6.4.1 in the 2009 version);

i) The "Physical Performance" requirements have been changed (see 6.2.1, 6.3.1, 6.4~6.8, and

1 Scope

GB/T 23932-2025 is the Chinese national standard covering the sandwich panel - two steel skins bonded to an insulating core, used for the walls and roofs of every warehouse and factory, with its structural performance, its thermal transmittance, the bond that must not delaminate and above all its reaction to fire. The core is what has killed people in industrial fires, which is why the fire clauses carry the weight here. It replaces GB/T 23932-2009. It was issued on 31 December 2025 and has been in force since 1 July 2026, replacing GB/T 23932-2009. The document is under the responsibility of the China Building Materials Federation. This page is published from the official record of the 2025 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document specifies the classification, dimensions, markings, raw materials, technical requirements, test methods, and inspection procedures for metal-faced thermal insulation sandwich panels used in buildings. Rules, as well as marking, packaging, transportation and storage. This document applies to the production of factory-made metal-faced insulating sandwich panels for exterior walls, partitions, roofs, and ceilings of industrial and civil buildings. acceptance.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 2406.2 Determination of flammability of plastics by oxygen index method - Part

3 Terms and Definitions

The terms and definitions defined in GB/T 4132 and the following terms and definitions apply to this document.