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

GB/T 25206.2-2010

**Reaction-to-fire tests for sandwich panel building systems --
Part 2: Test method for large rooms**

复合夹芯板建筑体燃烧性能试验 第2部分：大室法

(English Translation)

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Foreword

GB/T 25206 "sandwich composite construction body combustion performance test" is divided into two parts.

--- Part 1. cell method;

--- Part 2. Large chamber method.

This section GB/T Part of 225,206.

This part identical with ISO 13784-2:2002 "the burning behavior of composite sandwich panels body building - Part 2. Large Chamber Method" (in English).

This section is equivalent translation ISO 13784-2:2002.

For ease of use, this section made the following editorial changes.

- a) "international standard in this part of the" replaced by "this section";
- b) use a decimal point instead of a decimal comma ", ". ";
- c) Delete "in the normative references in ISO 13784-1 composite sandwich construction bodies burning performance testing - Part 1. Small room Law "because it is not in the standard ISO 13784-2:2002 appears in this section are not referenced.

This section presents the People's Republic of China Ministry of Public Security.

This part of the National Standardization Technical Committee for fire protection material Technical Committee (SAC/TC113/SC7) centralized.

This section is drafted. Sichuan Fire Research Institute Ministry of Public Security, Ministry of Public Security in Tianjin Fire Research Institute.

1 Scope

This section GB/T 25206 specifies the test methods used to evaluate the combustion properties of the composite sandwich construction body. By simulating indoor fire Disaster conditions in the building at the corner of the room, with a specific flame acts directly on the article to evaluate building composite sandwich panels or inside the flame pass Broadcast properties. This test is not against the assessment of the performance of refractory products.

This section provides composite sandwich panels can be self-supporting and building body frame and other support structure, but applies only to the building wall, ceiling or the roof structure to be tested.

2 Normative references

The following documents contain provisions which, through reference GB/T 25206 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

ISO 13943 Fire Safety Glossary IEC 60584-2 Thermocouples - Part 2. Tolerances

3 Terms and Definitions

ISO 13943 and the following terms and definitions established in this section apply to GB/T 25206 of.

Composite

A combination of two or more individual materials from a composite of surface-coated or laminate.

By the fire surface exposed surface Products and heat conditions near the surface of the test.

Products product

Materials, composite materials or their components.

Constant quality constantmass 24h interval when two consecutive weighing deviation does not exceed 0.1% of the sample mass or 0.1g (whichever is greater of the two) when the sample status.

Surface of the article surfaceproduct any exposed surface of the building wall, ceiling, roof.

Insulating composite sandwich panels insulatingsandwichpanel Complex composed of three or more layers of a multilayered article.

Note: The middle layer of insulating material, such as mineral wool, glass wool, plastic fibers or natural materials, has a protective effect on both sides of the surface material. Choose different material surfaces