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**NATIONAL STANDARD OF THE  
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**Determination of thickness for floating-floor thermal insulating  
products**

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### Foreword

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

Drafting.

This document is equivalent to ISO 29770.2008 "Measurement of Thickness of Thermal Insulation Products for Floating Floors for Building Thermal Insulation Products".

The following editorial changes have been made to this document.

--- In order to coordinate with the existing standards, the standard name is changed to "Measurement of Thickness of Thermal Insulation Products for Floating Floors."

This document was proposed by the China Building Materials Federation.

This document is under the jurisdiction of the National Thermal Insulation Material Standardization Technical Committee (SAC/TC191).

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## 1 Scope

This document specifies the equipment and procedures for thickness measurement of thermal insulation products used for impact sound insulation in floating ground systems.

## 2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated quotations

Only the version corresponding to that date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

This document.

ISO 29768 Measurement of Linear Dimensions of Thermal Insulation Products for Building application-Determination of linear dimensions of test specimens)

## 3 Terms and definitions

The following terms and definitions apply to this document.

### 3.1

Thickness

dL

The thickness of the product under a load of 250Pa, expressed in dL.

### 3.2

Thickness

dF

The thickness of the product under a load of 2kPa, expressed in dF.

### 3.3

Thickness

dB

The thickness of the product after holding it under a load of 50kPa for a specific time, and then returning to a load of 2kPa for a specific time, expressed in dB.

## 4 Principle

Measure the distance between the rigid plate placed on the bottom surface of the test piece and the rigid plate that applies a specific load to the upper surface of the test piece. This distance is

The thickness of the product.

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