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NATIONAL STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

GB/T 17369-2014

Replacing GB/T 17369-1998

Thermal insulation for building applications -- Guidelines for selecting properties

建筑用绝热材料 性能选定指南

(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard replaces GB/T 17369-1998 "building insulation material, type of application and basic requirements", in addition to editorial changes outside of the main Technical changes are as follows.

--- Modify the standard name;

--- Modify the scope (see Chapter 1);

--- Modify the normative references (see Chapter 2);

--- Increased "water vapor permeability, air permeability" (see Table 2, y, z);

--- Increase the special performance that should be considered (see Table 3);

--- Increased "performance, frost resistance under the influence of water" (see Table 4, r, s, t);

--- Increasing the applicable reference standard (see Table 5).

This standard uses the translation method identical with ISO 9774:2004 "Building insulation properties of the selected directory." the standard proposed by China Building Materials Federation.

This standard by the National Standardization Technical Committee heat insulating material (SAC/TC191) centralized.

This standard was drafted. Building Materials Research and Design Institute of Henan limited liability company.

1 Scope

This standard gives guidance on drafting standards for building insulation performance during the selected time.

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This standard guidelines do not intend to prove the suitability of a given type of application to any specific product to.

In this standard guidelines based formulated or revised standards or technical file, this standard should be combined with appropriate performance characteristics of the test side Law converted to product requirements (setpoint) in the product standard or technical documents. At the time of delivery, the products must meet these requirements in order to maintain Certified products meet the requirements. Given the relationship between value and its performance characteristics of the product may vary depending on the insulation product is different, it depends the properties of the material (eg. aging or time-related properties).

This standard applies only to pre-insulation products, mats and plates already made, including any finishes or coverings, although basic features listed it is also likely to apply to other insulation products, such as insulation systems or components within the field molding.

This standard applies only under normal climatic conditions for building insulation products, does not apply to construction of public facilities (such as plumbing, heating set Standby) insulating products, does not apply to industrial insulation products.

Acoustic performance requirements of this standard is not listed, although some fields of application of acoustic performance may be as an additional performance requirements.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

Actual thermal performance ISO/T R9165 building materials and products (Practicalthermalpropertiesofbuildingmaterials andproducts)

3 Insulation products in the building on the application

Insulation products in the roof, walls, roof and foundation of different structures of the most basic type of application are shown in Table 1. These types of applications in Figure 1 the elaborated.

Figure 1 is an illustration of a variety of insulation products only type of application, in order to understand the performance characteristics of the product relationships and product applications, but also help

Identify other types of application performance requirements not listed.

FIG. 1 is only a schematic illustration and can not be used as a construction diagram, as

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shown may not need to set up vapor barrier and gas barrier layer. In by rain

Water, groundwater or affect the need to prevent the roof or base portion of the penetration of water, only indicates the location of the waterproof layer and the insulating layer.

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