

ICS 91.120.10

CCS Q25



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

GB/T 17371-2008

Replacing GB/T17371-1998

Silicate compound plaster for thermal insulation

硅酸盐复合绝热涂料

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Foreword

This standard replaces GB/T 17371-1998 "Portland composite insulation coating." This standard 17371-1998 major changes compared to GB/T as follows:

- Modify part references;
- The classification and labeling of superior products, first-class goods and qualified products to modify the product by dry density into A, B, C three grades;
- Modify the technical specifications C grades volumetric shrinkage;
- The "chloride ion content" to "corrosion of austenitic stainless steel";
- Delete other technical performance indicators in the "non-flammable", "RADIOACTIVE";
- Revised test methods for volumetric shrinkage. Please note that some of the content of this standard may involve patents, the issuing authority of this standard should not bear the responsibility to identify these patents. The standard proposed by China Building Materials Federation. This standard by the National Standardization Committee insulating material (SAC/TC191) centralized. This standard is drafted by: Building Materials Research and Design Institute of Henan limited liability company. Participated in the drafting of this standard. Maoming Huada New Building Materials Co., Ltd., Jiangsu Huawei Jia Building Materials Technology Co., Ltd. Qufu City Tianbao Insulation Technology Co., Ltd. The main drafters of this standard. white Zhaojun, Zhang Liping, Fengde Ping, Ma Ting, Wang Junsheng, Lin Wei, Cao Xiaorun, Chen Shengqiang. This standard superseded standard previously issued as follows:
- GB/T 17371-1998. Portland composite insulation coating

1 Scope

GB/T 17371-2008 is the Chinese national standard on silicate compound plaster for thermal insulation, in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 June 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 April 2009.

Classification: ICS 91.120.10, CCS Q25. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the silicate composite insulation coating product classification and marking requirements, test methods, inspection rules and signs, packaging, transportation and storage. This standard applies to hot surface temperature of not more than 600 °C insulation engineering silicate composite insulation coating.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 4132 insulation materials and related terms

GB/T 10294 insulation steady thermal resistance and related properties - Guarded hot plate method

GB/T 10299 Test method for hydrophobic insulation material

GB/T 16777-1997 Test methods for building waterproof coatings

GB/T 17393 austenitic stainless steel covered with a heat insulating material specification

3 Terms and Definitions

GB/T 4132 and established the following terms and definitions apply to this standard.

Volume ratio of the difference between the volume of the molding volume after drying the slurry molding.

4 Classification and Marking

4.1 Varieties Have a water repellent by the overall product is divided into common type (code P) and hydrophobic (code Z).

4.2 rating Dry density divided by product A, B, C three levels.

4.3 Product Marking

4.3.1 marking method Marked order. product name, variety, grade and standard number.

4.3.2 tag example A Level hydrophobic silicate composite insulation coating marked.
Portland composite insulation coating ZAGB/T 17371-2008

5 Requirements

5.1 Physical Performance Requirements Shall comply with the provisions in Table 1.

5.2 Other performance requirements

5.2.1 hydrophobic Hydrophobic silicate composite insulation coating hydrophobic rate should not be less than 98%.