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

JG/T 567-2019

**Low density and high strength ceramic panel for building
(English Translation)**

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Foreword

Foreword

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

This standard was proposed by the Institute of Standardization of the Ministry of Housing and Urban-Rural Development.

This standard is under the jurisdiction of the Standardization Technical Committee for Building Products and Components of the Ministry of Housing and Urban-Rural Development.

1 Scope

This standard specifies the terms and definitions, classification and marking, requirements, and tests for lightweight high-strength ceramic plates for construction (referred to as lightweight high-strength ceramic plates).

Inspection methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to building curtain walls and lightweight high-strength ceramic plates for indoor and outdoor decoration.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 191 packaging storage and transportation icon GB/T 3810.2 Test methods for ceramic tiles - Part 2. Examination of dimensions and surface quality GB/T 3810.3-2016 ceramic tile test methods - Part 3. water absorption, apparent porosity, apparent relative density and bulk density Determination GB/T 3810.7 Test methods for ceramic tiles - Part 7.

Determination of wear resistance of glazed tiles GB/T 3810.8 Test methods for ceramics - Part 8. Determination of linear thermal expansion GB/T 3810.9 Test methods for ceramic tiles - Part 9. Determination of thermal shock resistance GB/T 3810.10 Test methods for ceramic tiles - Part 10. Determination of wet expansion GB/T 3810.11 Test methods for ceramic tiles - Part 11. Determination of glaze resistance GB/T 3810.12 Test methods for ceramic tiles - Part 12. Determination of freeze resistance GB/T 3810.13 Test methods for ceramics - Part 13. Determination of chemical resistance GB/T 3810.14 Test methods for ceramic tiles - Part 14. Determination of pollution resistance GB 6566-2010 Radionuclide limited edition of building materials GB/T 9195 Building Sanitary Ceramics Classification and Terminology GB/T 13891 Building Finishing Material Mirror Gloss Measurement Method GB/T 22588 flash method for measuring thermal diffusivity or thermal conductivity HJ/T 297-2006 Environmental Labeling Products Technical Requirements Ceramic Tiles JC/T 2172 Fine Ceramic Elastic Modulus, Shear Modulus and Poisson's Ratio Test Method Pulse Excitation Method JG/T 463 artificial quartz slab for architectural decoration

3 Terms and definitions

The following terms and definitions as defined in GB/T 9195 apply to this document.

Lightweight high strength ceramic plate lowdensityandhighstrengthceramicpanel A micro-foamed ceramic plate having a bulk density of 1.75 g/cm³ to 1.95 g/cm³ , an average bending strength of ≥ 28 MPa, and a minimum value of ≥ 23 MPa.

Soft throwing softpolish A surface finish that uses a soft abrasive block to polish the surface of the product to achieve the desired gloss.

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