

ICS 91.060.10
CCS Q 15

JG

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

JG/T 396-2012

**Non-load bearing fiber-reinforced-cement sheet for exterior wall
(English Translation)**

Issued on: January 1, 1970

Implemented on: January 1, 1970

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and definitions
4 Categories, specifications and markings
5 General Requirements
6 Requirements
7 Test Method
8 Inspection rules
9 Signs and certificates
10 Transport, Packaging and Storage
Appendix A (Normative) Coating board coating quality requirements and test standards
Appendix B (Informative) Exterior wall with non-load-bearing low-density fiber reinforced cement board
Appendix C (Normative) Durability test method
Appendix D (Normative) Humidity Deformation Test Method

Foreword

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

This standard uses the redrafted law to amend the use of ISO 8336.:2009 "Fiber cement slab - Product Specifications and Test Methods." With ISO 8336. The main technical differences in 2009 are as follows.

--- Increased diagonal size allowable deviation, surface roughness, apparent density, water absorption and coating quality requirements.

--- Increased humidity deformation, clearly less than or equal to 0.07%.

--- Modify the durability index, unified in the ISO 8336.:2009 frost resistance of 100 times, modified to climatic zones. cold areas 100 times, 75 times in the cold area, 50 in the hot summer and cold winter area and 25 in the hot summer and warm winter area.

--- Modify the physical and mechanical properties of the coating test state, in the ISO 8336.:2009 plate physical and mechanical properties can be coated with the test, but the test results should be marked with a coating test; combined with the quality of the domestic

coating, clearly amended as follows.

Fiber-reinforced concrete slabs that are tested for their physical properties and mechanical properties shall not be treated with water repellent or painted.

--- Remove the full state of flexural strength greater than or equal to 4MPa lower mechanical performance level.

This standard Appendix B using the redrafted method is not equivalent to the use of JISA5422.:2008 "fiber reinforced cement wall panels." this standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Housing and Urban-Rural Construction Products and Components Standardization Technical Committee.

1 Scope

This standard specifies the external wall with non-load-bearing fiber reinforced cement board (hereinafter referred to as fiber reinforced cement board) terms and definitions, classification, specifications and marking, general requirements,, test methods, inspection rules, signs and certificates, transport, packaging and storage.

This standard applies to non-load-bearing reinforced concrete wall cladding, panels and linings.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1720 Determination of film adhesion GB/T 1732 film impact resistance assay GB/T 1733 film water resistance test GB/T 1771 Paints and varnishes - Determination of neutral salt spray performance (GB/T 1771-2007, ISO 7253.:1996, IDT) GB/T 5464 flammability of building materials test methods GB 6566 Building materials radionuclide limits GB/T 6739 Paints and varnishes - Determination of film hardness by the pencil method (GB/T 6739-2006, ISO 15184.:1998, IDT) Test method for GB/T 7019 fiber cement products GB/T 8170 rounded repair rules and limit values of the representation and judgment Classification of combustion properties of building materials and products Coatings GB/T 9266 Determination of washing resistance Determination of GB 9274 Paints and varnishes resistant to liquid media (GB 9274-1988, eqvISO 2812. 1974) GB/T 9286 Paints and varnishes - Cross-hatch test (GB/T 9286-1998, eqvISO 2409..1992) GB/T 9754 Paints and varnishes - Determination of the specular gloss at 20 °, 60 ° and 85 ° of metallic paint-free paint films (GB/T 9754-2007, ISO 2813.:1994, IDT) GB/T 9780 architectural coatings stain resistance test methods GB/T 10294 Insulating materials - Determination of steady - state

thermal resistance and related characteristics GB/T 15608-2006 China color system GB/T 17748 building walls with aluminum-plastic composite panels JC/T 564.2 Fiber reinforced calcium silicate board - Part 2. Chrysotile calcium silicate board HG/T 3792 cross-linked fluororesin coating HG/T 4104 building water-based fluorine paint

3 Terms and definitions

The following terms and definitions apply to this document.