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Fiber Cement: China

September 2019



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About This Report

Scope

This report forecasts to 2023 fiber cement (纤维水泥) demand and shipments in metric tons in China. Total demand is segmented by application in terms of:

- siding (cladding)
- backerboard
- roofing
- moulding and trim
- other applications such as firestop materials, interior wall panels, and pipe

Total demand is also segmented by market as follows:

- new residential
- residential renovation
- new nonresidential
- nonresidential renovation

To illustrate historical trends, total demand is provided in annual series from 2008 to 2018; shipments and the various segments are reported at five-year intervals for 2008, 2013, and 2018.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading companies, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Fiber Cement: China (FC60072) is based on *Global Fiber Cement*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

About This Report

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 6 | HS/HTS Codes Related to Fiber Cement Products

HS/HTS Codes	
2523	Portland cement, aluminous cement, slag cement, supersulphate cement and similar hydraulic cements, whether or not colored or in the form of clinkers
6811	Articles of asbestos-cement & cellulose fiber cement

Source: United Nations Statistics Division

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of

About This Report

determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Global Fiber Cement

Freedonia Industry Studies

Ceilings in the US

Global Cement

Global Countertops

Global Housing

Global Roofing

Global Siding (Cladding)

Moulding & Trim in the US

Pipe: Products & Markets

Roofing: US Forecasts

Siding Market in the US

Windows & Doors

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Cement & Concrete Additives: China

Cement: China

Commercial Building Construction: United States

Construction: United States

Countertops: China

Global Housing

Global Roofing

Global Siding

Wood Millwork: United States

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Trade Publications

Builder

Building Design + Construction

Engineering News-Record

Journal of Light Construction

Qualified Remodeler

Walls & Ceilings

Agencies & Associations

APA – The Engineered Wood Association

About This Report

ASTM International
China Brick & Tile Industry Association
China Cement Association
China Concrete & Cement-Based Products Association
China National Building Waterproof Association
International Code Council
International Monetary Fund
Moulding & Millwork Producers Association
National Bureau of Statistics of China
North American Fiber Cement Association
Organisation for Economic Co-operation and Development
United Nations
Wood Component Manufacturers Association
World Bank
World Millwork Alliance