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World Fiber Cement

Industry Study with Forecasts for **2019 & 2024**

Study #3273 | May 2015 | \$6300 | 267 pages

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Demand will benefit from fiber cement's increasing market penetration, based in part on its ability to mimic the appearance of wood while offering greater durability in key applications such as siding.

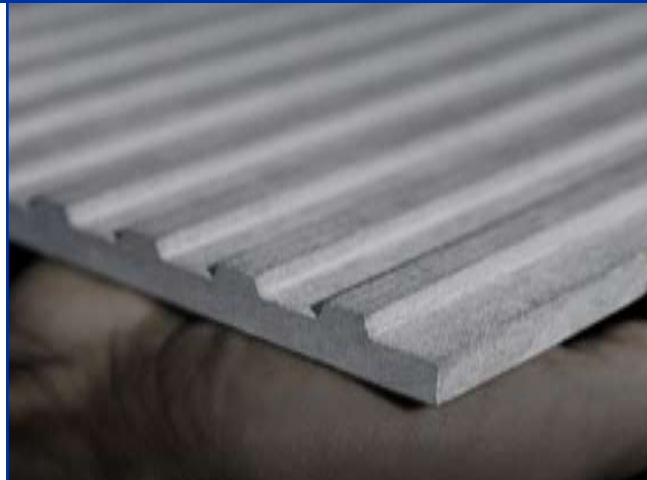
World demand to rise 4.4% annually through 2019

Through 2019, world demand for fiber cement products is projected to expand 4.4 percent per year to 32.6 million metric tons. While building construction spending, which is the primary driver of fiber cement product demand, is forecast to slow between 2014 and 2019 -- especially in the previously rapidly growing Asia/Pacific region -- demand will benefit from fiber cement's increasing market penetration in its various applications. For example, fiber cement's ability to mimic the appearance of wood while offering greater durability will boost demand in siding applications.

Molding & trim to be fastest growing application

Fiber cement is used primarily in roofing, siding, and molding and trim applications. Demand for these products varies considerably among regions and countries, with additional uses including backerboard, ceilings, countertops, firestop materials, and interior wall cladding. For example, fiber cement roofing is extremely popular in Brazil and India but accounts for only a very small share of total roofing demand in the US. Through 2019, the fastest growth in fiber cement product demand is projected in the molding and trim segment. Fiber cement molding and trim is used primarily in exterior applications. Demand will benefit from fiber cement's superior performance attributes (such as the ability to withstand harsh weather

World Fiber Cement Demand (32.6 million metric tons)



conditions without rotting or warping, low maintenance requirements, and fireproof characteristics) that will allow fiber cement to gain market share from other materials, such as wood products.

Fiber cement siding is also expected to post solid demand growth through 2019, primarily due to gains in the US, which accounted for nearly one-third of global fiber cement siding demand in 2014. These products have become increasingly popular in the US as they can withstand harsh climates without rotting and are impervious to insects. Between 2004 and 2024, fiber cement siding demand in the US is expected to nearly double its share of the total siding market.

In 2014, roofing comprised the largest market for fiber cement products. Brazil and India are the largest markets for fiber cement roofing products as asbestos based products, which are lower cost, are popular in these countries. However, growing health concerns about products made from asbestos will slow growth in these markets going forward, and fiber cement roofing will lose share in Brazil and India to concrete and clay tile products, which are less expensive than fiber cement roofing products made without asbestos. As a result, demand gains for fiber cement roofing are forecast to be below average through 2019.

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Sample Text, Table & Chart

OTHER REGIONS

Russia: Fiber Cement Supply & Demand -- Dem cement products in Russia totaled 760,000 metric tons in 2014, making it the largest market in Eastern Europe, accounting for 58% of regional demand. Per capita demand for these products is below the regional average, reflecting the higher standards of living in the developed construction sector in the country. Between 2009 and 2014, fiber cement product demand in Russia rose 2.2 percent per year. Growth in residential construction spending boosted demand, but overall gains were limited by declining nonresidential construction activity, which restricted growth in nonresidential construction applications.

Fiber cement product demand in Russia is forecast to accelerate to 3.5 percent annually through 2019, a deceleration from the 4.5 percent rate seen between 2009 and 2014. Construction spending is projected to slow in 2015, but demand for fiber cement products, such as specialty applications, is expected to rebound, boosting demand for fiber cement applications.

Shipments of fiber cement in Russia totaled 970,000 metric tons in 2014, or 127% of regional output. During the 2009-2014 period, demand gains for fiber cement in the region were equivalent to 22 percent per year.

Fiber cement demand in Russia is forecast to grow 3.5 percent per annum through 2019, in metric tons, in expected demand gains. Local producers will benefit from growth in demand in nearby trade partners. As a result, the country's trade is expected to expand.

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SAMPLE
TEXT

TABLE VI-3

CHINA: FIBER CEMENT SUPPLY & DEMAND
(thousand metric tons)

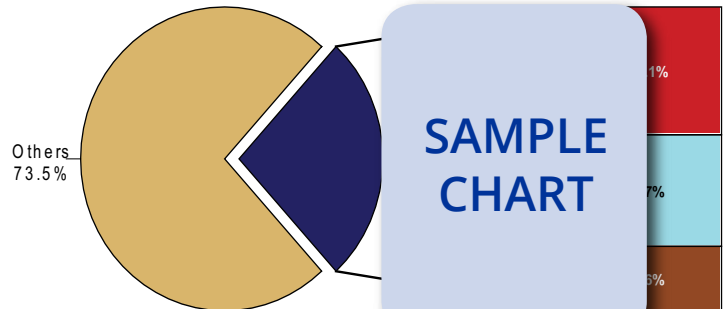
Item	2004	2009	2014	2019	2024
Population (millions)					
GDP/capita					
Gross Domestic Product (bil 2013\$)					
m ton fiber cement/000 persons					
m ton fiber cement/mil \$ GDP					
Fiber Cement Demand by Market					
Residential:					
New					
Improvement & Repair					
Nonresidential:					
New					
Improvement & Repair					
net exports					
Fiber Cement Shipments					

SAMPLE
TABLE

Source: The Freedonia Group, Inc.

CHART VIII-1

WORLD FIBER CEMENT MARKET SHARE, 2014
(\$13.4 billion)



SAMPLE
CHART

Sample Profile & Table, & Study Coverage

TABLE VI-6
INDIA: FIBER CEMENT DEMAND BY APPLICATION
 (thousand metric tons)

Item	2004	2009	2014	2019	2024
Building Construction Expend (bil 2013\$) m ton fiber cement/mil \$ construction					
Fiber Cement Demand by Application					
Roofing					
Siding					
Molding & Trim					
Other					

SAMPLE TABLE

COMPANY PROFILES

Hekim Yapı AŞ

E-5 Karayolu Uzeri Egemen Sokak, No. 11
 Guzelyali 34903 Pendik / Istanbul
 Turkey
 90-216-493-04
<http://www.hel>

SAMPLE PROFILE

Annual Sales:
 Employment:
 Key Products:

Hekim Yapı is a leading manufacturer of fiber cement sheets and planks, among other products, for various applications. The Company is a subsidiary of Hekim Holding AŞ (Turkey).

The Company is involved in the world fiber cement industry via the production and sale of fiber cement sheets, planks, and accessories designed for exterior and interior construction applications. Specific products include HEKIMBOARD and TURKSIDING fiber cement panels which are used in various cladding end uses. HEKIMBOARD cellulose fiber-reinforced autoclaved fiber cement sheets are cement- and silica-based products that are available with smooth or cedar texture surfaces. These sheets are engineered to be fire retardant, non-melting, and water resistant. Other products in the HEKIMBOARD line include siding engineered to duplicate the appearance and texture of natural stone cladding. Hekim Yapı's TURKSIDING fiber cement sheets are structurally similar to Hekim Yapı's HEKIMBOARD products, but feature more embellished surfaces for use as a decorative exterior façade.

Additional products from the Company include HEKIMPANEL fiber cement sandwich façade panels, which provide maximum heating,

STUDY COVERAGE

This Freedonia study, *World Fiber Cement*, presents historical data (2004, 2009, 2014) plus forecasts for 2019 and 2024 for supply and demand, as well as demand by application, in 6 regions and 19 countries. The study also details key market environment factors, assesses the industry structure, evaluates company market share and profiles 24 global players.

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Related Studies

Asphalt

This study analyzes the US asphalt industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by use (paving, roofing), product (e.g., asphalt cement, asphalt emulsions, cutback asphalt, asphalt shingles, modified bitumen roofing membranes, mopping asphalts, standard asphaltic roofing felts), market (e.g., residential, nonresidential, nonbuilding, nonconstruction) and US region. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#3304.....July 2015.....\$5400

World Cement

This study analyzes the world cement industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by type (blended, portland), market (residential, nonresidential, nonbuilding), world region, and major country. The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry participants.

#3303.....July 2015.....\$6500

Roofing

This study analyzes the US roofing industry. It presents historical demand data (2004, 2009 and 2014) and forecasts (2019 and 2024) by product (e.g., asphalt shingles, bituminous low-slope roofing, metal roofing, elastomeric roofing, plastic roofing, roofing tile, wood shingles and shakes), market (e.g., residential, nonresidential) and US region. The study also considers market environment factors, details industry structure, evaluates company market share, and profiles industry players.

#3293.....June 2015.....\$5500

Precast Concrete Products

US demand for precast concrete products is forecast to rise 6.4 percent per year to \$12.2 billion in 2018. The dominant structural and architectural building component segments will grow the fastest, as they rebound from previous steep declines. The residential market will see above average gains in precast concrete roofing tiles, siding and fencing. This study analyzes the \$8.9 billion US precast concrete products industry, with forecasts for 2018 and 2023 by product, market and US region. The study also evaluates company market share and profiles industry competitors.

#3244.....January 2015.....\$5200

Bricks, Blocks & Pavers

Demand for bricks, blocks and pavers in the US is forecast to rise 8.8 percent per annum from a low 2013 base to \$8.9 billion in 2018. Bricks, typically made of clay, will see the most rapid growth of any product, driven by a rebound in new housing construction. Pavers will be the second fastest growing type, driven in part by interest in "green" building materials such as permeable pavers. This study analyzes the \$5.8 billion US brick, block and paver industry, with forecasts for 2018 and 2023 by product, material, market, application and US region. The study also evaluates company market share and profiles industry players.

#3236.....November 2014.....\$5200

About The Freedonia Group

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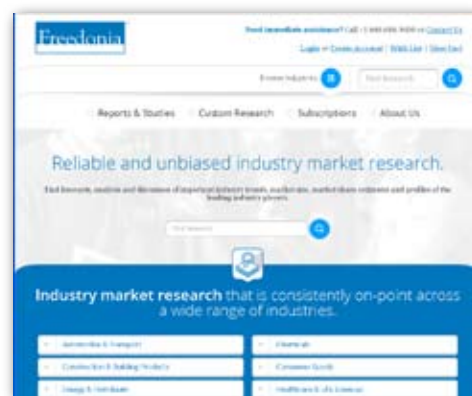
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