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Precast Concrete Products

US Industry Study with Forecasts for **2015 & 2020**

Study #2746 | March 2011 | \$4800 | 276 pages

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Demand will be supported by the consistent quality of precast concrete products and their ability to reduce the cost and time of construction projects compared to site-poured concrete.

US demand to rise 6.1% annually through 2015

US demand for precast concrete products is forecast to rise 6.1 percent annually to \$11.3 billion in 2015. This pace will represent a turnaround from the 2005-2010 time frame when demand fell on account of a precipitous drop in construction activity toward the latter part of the period. The vast majority of demand for precast concrete products comes from construction markets. Growth in demand will be driven by an across-the-board rebound in construction activity from a low 2010 base.

In addition to being buoyed by increased construction activity, demand for precast concrete components will be supported by more intensive use of these products. Precast concrete components will be favored over other building materials because of their durability and longer lifespans. Compared to site-poured concrete, precast concrete building components offer such desirable characteristics as consistent quality and the ability to reduce the cost and time of construction projects.

Residential building to be fastest growing market

Residential building will be the fastest growing market for precast concrete products, advancing at a rate of 9.3 percent annually through 2015. Growth will be helped by the expected large rise in housing starts from a low 2010 base. Products that will fare particularly well in

US Precast Concrete Product Demand, 2010 (\$8.4 billion)



this market include foundations, base-ment walls and floors.

Nonresidential building is the largest precast concrete product market, comprising nearly one-half of all demand. Strong growth is expected in the office and commercial, and institutional market segments, where precast concrete products are used because of their ease of installation, consistent product quality and long lifespan.

Architectural components to be fastest growing types

Of all product types, architectural building components are forecast to see the fastest growth in demand through

2015. Growth will be spurred by the rising use of such products as decorative façades, door and window surrounds, and siding. Roofing tiles will also support demand and will benefit from their popularity in the rapidly growing residential markets in the South and West.

Structural building components account for the largest share of product demand. Above-average growth will be supported by builders increasingly specifying precast concrete products at the expense of less durable wood products and more costly steel products. Prefabricated buildings, floors and walls, and underground building supports will all experience healthy gains.

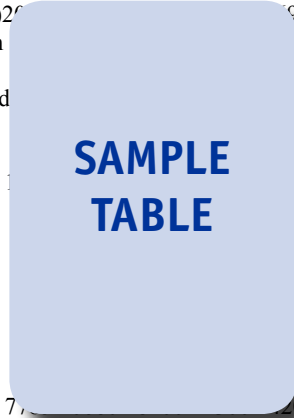
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Sample Profile, Table & Forecast

TABLE V-9
WEST PRECAST CONCRETE PRODUCT DEMAND
 (million dollars)

Item	2000	2005	2010	2015	2020
West Construction Expenditures (bil \$)2000					9.5
\$ precast concrete/000\$ construction					5
West Precast Concrete Product Demand					30
By Subregion:					
Mountain					30
Pacific					50
By Market:					
Residential Buildings					50
Nonresidential Buildings					25
Nonbuilding					75
Agricultural					20
% west					0
Precast Concrete Product Demand	7				200



COMPANY PROFILES

Smith-Midland Corporation
 5119 Catlett Road
 Midland, VA 22728
 540-439-3266
<http://www.smithmid.com>

Revenue
 Employe

Key Pro... ectional precast panels

Smith... ets and installs
 precast c... and agricultural ap-
 plication... y products, and rents
 constructi...

SAMPLE PROFILE

The Company competes in the US precast concrete product industry via the manufacture of precast concrete buildings and architectural precast panels. In 2009, precast buildings accounted for \$4 million of Smith-Midland's total revenues. These structures, which are sold under the EASI-SET brand name, are prefabricated, portable, single-story utility buildings that are delivered to job sites preassembled. Among end uses for EASI-SET buildings are communications shelters, hazardous materials storage, guard houses, restrooms, concessions stands, pump and well houses, equipment shelters, dugouts, press boxes, control rooms, electrical enclosures and generator housings. These structures resist bullets, impacts, fire, vandalism, earthquakes and hurricanes. Smith-Midland produces EASI-SET prefabricated buildings in 10-foot-by-12-foot, 12-foot-by-16-foot and 12-foot-by-20-foot standard sizes. Furthermore, the EASI-SET product line includes EASI-SPAN expandable precast concrete modular buildings. EASI-SPAN buildings

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"Demand for precast concrete products in the Pacific subregion is projected to rise 5.8 percent annually to \$1.9 billion in 2015. Advances will be spurred by the expected growth in residential building and nonresidential building construction expenditures from their low 2010 bases. Continued demand for housing will support precast concrete product demand, as many homes in the region -- especially those erected in earthquake-prone areas -- are made from precast concrete because of its ability to withstand severe shocks."
 --Section V, pg. 209

OTHER STUDIES

Construction Outlook in China

This study analyzes the construction industry in China. It presents historical demand data for the years 2000, 2005 and 2010, and forecasts for 2015 and 2020 by type (residential building, nonresidential building, nonbuilding), market (new construction, additions and alterations, maintenance and repairs) and Chinese region (e.g., Central-North, Northeast, Central-East). The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry participants.

#2767 May 2011 \$5400

Large Diameter Pipe

This study analyzes the US large diameter pipe industry. It presents historical demand data for the years 2000, 2005 and 2010, and forecasts for 2015 and 2020 by market (e.g., storm and sanitary sewers, water distribution, drainage, natural gas, process industries, petroleum) and material (e.g., concrete, PVC, HDPE, steel, ductile iron). The study also considers market environment factors, details industry structure, evaluates company market share and profiles industry players.

#2745 April 2011 \$4900

Fencing

Demand for fencing in the US is forecast to expand 2.9 percent yearly through 2014, based on a rebound in housing completions. Residential buildings will be the fastest growing market and remain the largest. Plastic and composite fencing will be the most rapidly growing material type. This study analyzes the 737 million linear foot US fencing industry, with forecasts for 2014 and 2019 by material type, market and region. It also evaluates company market share and profiles industry players.

#2682 September 2010 \$5900

Brick & Block

US demand for brick and block products is projected to increase 11.8 percent annually through 2014. Gains will be driven by a recovery in building construction, especially new housing. Common, glazed and other clay brick will be the fastest growing products, followed by concrete pavers. This study analyzes the 7.1 billion unit US brick and block industry, with forecasts for 2014 and 2019 by product, market, application and US region. It also evaluates company market share and profiles industry players.

#2652 September 2010 \$4800

World Roofing

Global roofing demand will grow 3.1 percent annually through 2014. China alone will claim over a third of all new demand, strengthening its position as the largest roofing market in square meter terms. Concrete tile will be the fastest growing type based on dominance in developing Asian nations. This study analyzes the 9.5 billion square meter world roofing industry, with forecasts for 2014 and 2019 by product, market, world region and for 56 countries. It also evaluates company market share and profiles industry participants.

#2656 July 2010 \$6100

About The Freedonia Group

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