Advanced Structural Insulation Market Status and Global Forecast, by Players, Types and Applications 2019-2024

Advanced Structural Insulation -Market Demand, Growth, Opportunities and Analysis Of Top Key Player Forecast To 2024

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Description

Wiseguyreports.Com Adds “Advanced Structural Insulation -Market Demand, Growth, Opportunities and Analysis Of Top Key Player Forecast To 2024” To Its Research Database

In today’s market, residential and commercial builders are faced with myriad options for improving building energy efficiency including high-performance insulation, energy efficient equipment, and a growing cadre of smart systems and controls. When seeking green building certification or simply higher energy efficiency construction, cost effectiveness and multiple benefits become critical factors in selecting energy efficient, green technologies. Structural insulation includes a group of rapidly growing, multibenefit residential and commercial building technologies designed to greatly improve insulation capacity while also advancing building strength and providing several other important benefits, including reduced installation cost, exceptionally fast framing, reduced weight, disaster resistance, and reduced sound penetration.

Even with its strong benefits, structural insulation—including structural insulated panels (SIPs), insulated concrete forms (ICFs), insulated concrete blocks/concrete masonry units, and insulated concrete—global insulation markets carry much opportunity for growth, development and increased market penetration by structural insulation. The technologies face a building industry that is at once hungry for cost saving, time saving, and green building systems, but that also cautiously resists change. Some technologies, such as insulated concrete blocks/masonry units carry a strong advantage, in that they are nearly dropin replacements for existing building technologies. This greatly lowers risk and limits the need for extensive worker training and expertise. In contrast, SIPs and especially ICFs require skilled, experienced installers to ensure proper application. Many regions are approaching a critical mass of such skilled labor, but others lag behind, slowing market development. This study seeks to characterize these and other key market headwinds and drivers, identify technologies and applications that are leading structural insulation development and market penetration, and provide carefully benchmarked, reliable data on market valuations in the structural insulation industry through 2023.

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Data on market splits within commercial buildings have been historically very difficult and costly to identify. This report, however, has a significant and unique benefit of providing detailed market breakdowns by a total of seven commercial building categories, including commercial office buildings, retail, education, healthcare, hotels and restaurants, institutional and assembly buildings, and warehouses and storage. Additionally, markets are also broken down by

technology, including SIPs: polystyrene (EPS or XPS) insulation; SIPs: polyurethane or polyisocyanurate insulation; SIPs: other insulation material; ICFs: polystyrene (EPS or XPS) insulation; ICFs: other insulation; insulated concrete
blocks; and insulated concrete. Along with detailed splits by region and by key countries/major economies, the project provides deep insight to corporations and other market players seeking to make critical business decisions.

The following table and figure present market values for aggregated application categories. The structural insulated panels (SIPs) and insulated concrete forms (ICFs) market segment includes the following individual technologies: SIPs with polystyrene (expanded polystyrene [EPS] or extruded polystyrene [XPS]) insulation, SIPs with polyurethane or polyisocyanurate insulation, SIPs with other insulation, ICFs with polystyrene (EPS or XPS) insulation, and ICFs with other insulation. The insulated concrete and insulated concrete blocks category includes insulated concrete based on all relevant insulating materials, and insulated concrete blocks (i.e., insulated concrete masonry units [CMUs]).

Report Scope:

This study reviews key structural insulation technology categories, along with relevant market and production information, technological descriptions and issues, applications, and market factors and potential, and gives an overview of relevant incentives and regulations in major worldwide markets. This study will be of interest to current and potential manufacturers and suppliers of residential and commercial structural insulation manufacturers, and entrepreneurs and entrepreneurial companies interested in entering or expanding into the structural insulation sector.

The market analysis provided in this report is based on a variety of data sources. These include the most recent government, industry, and corporate data on structural insulation sales, production, imports, and exports; manufacturing rates and detailed commercial building trends used to help gauge historic and anticipated future market growth; data generated by recent and ongoing research and development efforts aimed at identifying new and developing niches for certain classes of structural insulation, and potential for associated growth; and available corporate announcements for keystone industry developments, new products and successes.

Structural insulation technology carries the potential to be game-changing within the industry. The technology is able to support increased energy efficiency, reduced amount of construction material (and therefore reduced cost), and in many cases easier installation, which itself helps to reduce construction labor costs associated with installation of conventional insulation systems. Thanks to increases in R&D and granted associated patents in recent years, new structural insulation technologies are expected to become commercially viable within the next five years. In this report, BCC Research analyzes each major viable structural insulation material and application, determines current market status, examines impact on future markets, and presents forecasts of growth over the next five years. Technological issues, including the latest trends, are assessed and discussed, as are the current and likely industry trends and updates. Sales of both new and replacement/retrofit structural insulation systems are considered.

BCC Research analyzes the structural insulation industry on a worldwide basis in terms of its manufacturing and the deployment of its technologies or products. BCC Research also examines key market drivers and headwinds and their roles in driving or throttling the global structural insulation market worldwide.

Report Includes:

- 68 data tables and 47 additional tables
- An overview of the global markets for advanced structural insulation
- Analyses of global market trends, with data from 2017 and 2018, and projections of compound annual growth rates (CAGRs) through 2023
- Segmentation of the market by technology, end-users, application, and region
- Examination of the market dynamics and industry structure, specifically market drivers and opportunities in the global advanced structural insulation market
- Information on current and emerging end-users of advanced insulation, including commercial and residential buildings
- Relevant patent analysis
- Company profiles of major players in the market, including Knauf, Nova Chemicals, Owens Corning, Rockwool and Shelter Enterprises, Inc.

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