

## **Wood Fiber Insulation Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 120 pages | Mordor Intelligence

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### **Report description:**

The wood fiber insulation market is projected to register a CAGR of over 5% during the forecast period.

During the COVID-19 epidemic, demand for wood fiber insulation increased significantly. It is due to a greater emphasis on home renovation projects as people spend more time at home. Furthermore, the rising demand for energy efficiency and sustainability increased the wood fiber insulation demand.

#### **Key Highlights**

In the short term, the increased demand for wood fiber insulation from the residential sector will likely boost market expansion. The growing need for energy-efficient buildings is predicted to fuel market expansion. However, the availability of alternative insulating materials such as fiberglass, cellulose, and foam hampered the growth of the wood fiber insulation business. Wood fiber insulation is much more expensive than other types of insulation. Nevertheless, future market growth is anticipated by the growing demand for energy-efficient and environmentally friendly insulating materials and an increased understanding of the environmental advantages of employing wood fiber insulation. Europe is expected to lead the market during the anticipated timeframe.

#### **Wood Fiber Insulation Market Trends**

##### **Residential Sector Demand Continues to Rise**

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Wood fiber insulation in residential spaces helps to minimize energy expenses by providing an insulation layer that maintains a more stable temperature inside the home. This insulation reduces energy bills by reducing the energy required to heat and cool the home.

Furthermore, wood fiber insulation is a natural, environmentally beneficial substance that can help to lessen a home's environmental effects. Wood fiber insulation can be utilized in walls, attics, floors, and ceilings in the residential sector to enhance energy efficiency and save heating and cooling costs.

In the US, spending on new construction exceeds \$1 trillion annually. US census data shows 1,737,000 new residential housing permits were issued in 2021, rising more than 18% from 2020.

Wood fiber insulation is becoming increasingly popular in the Asia-Pacific residential construction sector due to its outstanding thermal efficiency, low cost, and environmental friendliness. The usage of wood fiber insulation is fast increasing in China.

According to a report by the China National Forest Products Industry Association, this expansion was fueled by rising demand from the construction industry and the government's efforts to promote energy efficiency and environmental protection. The Chinese government developed several regulations to encourage the use of wood fiber insulation, such as offering subsidies for its purchase and installation.

Overall, the growing residential construction market is expected to drive the wood fiber insulation market through the forecast period.

## Europe to Dominate the Market

The European Committee for Standardization establishes European standards for wood fiber insulation (CEN). The EN 13171 standard addresses the specifications for thermal insulation products made of wood-based materials and is the most often used one. According to Eurostat, European residential building permits reached 1.97 million, up 15% over the previous year.

Europe's largest construction market is in Germany. The country's construction industry is expanding slowly due to increased residential construction operations. According to data from the Federal Statistical Office, building completion work turnover increased by 9.1% in the third quarter of 2021 compared to the third quarter of the previous year in December 2021. (Destatis). The German government initiated the construction of the Digital Park Fechenheim on a 10.7 ha area, with a gross floor area of 100,000 sq m in Frankfurt-Fechenheim, Hesse, Germany, with an investment of USD 1,179 million. The construction work started in Q3 2021 and is expected to get completed in Q4 2028.

In Europe, wood fiber insulation is a popular alternative to acoustic insulation. It is constructed of wood fibers glued together with a binder like starch or polyurethane. The wood fibers absorb sound waves, lowering noise levels and making living spaces more comfortable.

All the factors mentioned above, in turn, are boosting the demand in the wood fiber insulation market in the region.

## Wood Fiber Insulation Market Competitor Analysis

The wood fiber insulation market is consolidated, with the top five players accounting for a significant global market share. The major players in the market include Beltermo Wood Insulation, BISCHOFF SCHAFFER GmbH, GUTEX, Knauf Insulation, Lignotrend, Lime Green Products Ltd, Saint-Gobain, Schneider GmbH, and Soprema Group.

## Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

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