

Glass Wool or Fiberglass Insulation – A Global Market Overview

The report reviews, analyzes and projects the global Glass Wool/Fiberglass Insulation market (both thermal and acoustic insulation) for the period 2021-2030 in terms of volumes in metric tons and market value in US\$, and the compound annual growth rates (CAGRs) projected from 2024 through to 2030. Global, regional and country markets are analyzed by End-use Application (Residential Construction, Commercial & Industrial Construction, Industrial & HVAC Applications, Appliances & Other), and Product Form (Batts & Rolls, Blow-in/Loose-fill Glass Wool, Boards, Other Forms) in terms of both volume and value

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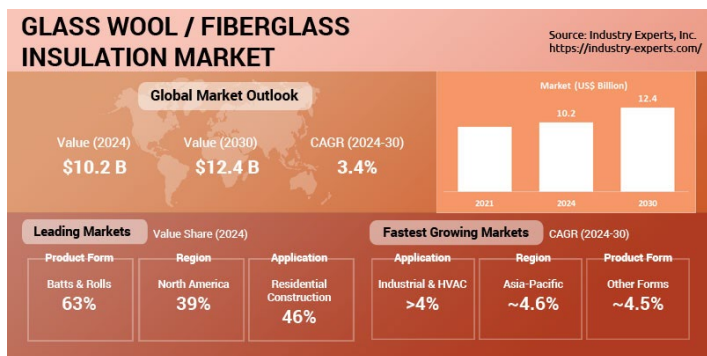
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Fiberglass (Glass Wool) Insulation Market Trends and Outlook

Glass wool or fiberglass insulation is vital across industries due to its excellent thermal and acoustic insulation properties, lightweight nature, low-cost, and durability. In construction, it reduces energy consumption, enhances comfort, and provides fire resistance. In automotive and aerospace industries, it improves noise control, thermal efficiency, and fuel economy. Industrial applications benefit from reduced heat loss in machinery and noise dampening. It is critical in oil and gas, power plants, and renewable energy facilities for temperature regulation and corrosion protection. In marine, refrigeration, and cold storage, it ensures temperature maintenance and energy efficiency.

Going forward, global value demand for glass wool/fiberglass insulation is projected to rise at a CAGR of 3.4% between 2021 and 2030 reaching US\$12.4 billion in 2030 from an estimated US\$10.2 billion in 2024. In volume terms, consumption of glass wool/fiberglass insulation worldwide is forecast to grow at a CAGR of 3% over the outlook period to reach 6.4 million metric tons in 2030. Major factors driving demand for glass wool (or fiberglass) insulation include recovery in building construction activity, stringent building codes and enhanced requirement for energy efficiency in developed regions; and rapid growth in commercial, industrial and civil construction sectors, and increasing demand for appliances in developing world.



Fiberglass (Glass Wool) Insulation Market Report Scope

The report reviews, analyzes and projects the global Glass Wool/Fiberglass Insulation market (both thermal and acoustic insulation) for the period 2021-2030 in terms of volumes in metric tons

and market value in US\$, and the compound annual growth rates (CAGRs) projected from 2024 through to 2030. Global, regional and country markets are analyzed by end-use application and product form in terms of both volume and value. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been covered to offer a clear panorama of fiberglass (glass wool) insulation industry.

Key Metrics

Historical Period:	2021-2024
Base Year:	2024
Forecast Period:	2024-2030
Units:	Volume consumption in Metric Tons (Tonnes) and Value market in US\$
Companies Mentioned:	30+

Fiberglass (Glass Wool) Insulation Market by Geographic Region

- North America (The United States and Canada)
- Europe (France, Germany, Italy, Spain, The United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Japan, South Korea and Rest of Asia-Pacific)
- Rest of World (Brazil, Russia, Turkiye and Other ROW)

Fiberglass (Glass Wool) Insulation Market by Application

- Residential Construction
- Commercial & Industrial Construction
- Industrial & HVAC Applications
- Appliances & Other

Fiberglass (Glass Wool) Insulation by Product Form

- Batts & Rolls (Blankets)
- Blow-in/Loose-fill Glass Wool
- Boards
- Other Forms (such as preformed ducts, pipe insulation and felts etc.)

SAMPLE COMPANY PROFILE

KNAUF INSULATION S.P.R.L. (BELGIUM)

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 Fax: +32 4 379 02 38
 Email: info@knaufinsulation.com
 Website: www.knaufinsulation.com

Business Overview

Knauf Insulation, a part of the Knauf Group, Germany, is one of the leading manufacturers of insulation products, with 27 manufacturing facilities spread across 15 countries. The company is at the forefront of the insulation industry, offering a variety of insulation products for meeting an ever increasing demand for products offering energy efficiency and superior acoustic performance for new and existing residential constructions, commercial establishments and industrial uses. Major products offered by Knauf Insulation comprise glass mineral wool with ECOSE® Technology, rock mineral wool, blowing (or loose) wool, wood wool under Heraklith brand, and products made of extruded polystyrene (XPS). Recently, Knauf Insulation headquarters moved to Belgium from Germany. In 2013, the company acquired SCHWENK Dämmtechnik GmbH & Co KG (insulation business including a glasswool plant) from SCHWENK Zement KG and has also formed a joint venture with Exeed Insulation LLC in United Arab Emirates. Knauf Insulation acquired Guardian Insulation business from Guardian Industries Corp., USA in 2014. Knauf Insulation has commenced the construction of a new glass wool plant in Johor Bahru, Malaysia with an annual capacity of 75,000 metric tons and is scheduled to be completed in 2021.

Products:

Knauf Insulation offers ECOSE® Technology based glass wool, rock mineral wool, blowing wool, Heraklith® wood wool insulation solutions for use in residential and non-residential buildings

- Thermal, acoustic and fire-resistant insulation solutions for new build and renovation of residential buildings including pitched roofs, flat roofs, external walls (cavity wall, contact façade, internal insulation), internal partitions, ceilings, floors, and frame construction
- Thermal, acoustic and fire-resistant insulation solutions for new build and renovation of non-residential buildings comprising flat roofs, external walls (cavity wall, contact façade, ventilated façade), internal partitions, ceilings, floors, and metal building

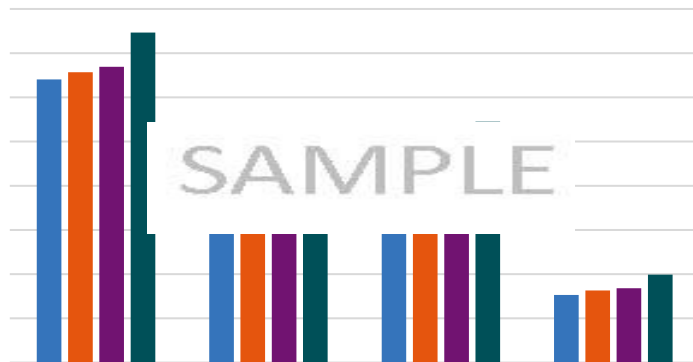
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SAMPLE TABLE/CHART

Glance at 2021, 2024 and 2030 Global Fiberglass/Glass Wool Insulation Volume Market Share (%) by End-Use Application – Residential Construction, Commercial & Industrial Construction, Industrial & HVAC Applications and Appliances & Other



Global Fiberglass Batts & Rolls Market Analysis (2021-2030) by Geographic Region - North America, Europe, Asia-Pacific and Rest of World in US\$ Million



KEY PLAYERS PROFILED

- Alghanim Industries
- CSR Bradford Insulation
- Huamei Group
- Johns Manville Corporation
- KCC Corporation
- Knauf Insulation S.P.R.L.
- Owens Corning
- Saint Gobain S.A.
- URSA Insulation, S.A.

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