

Global Mineral Wool Insulation Market Assessment, By Type [Glass Wool, Rock/Stone Wool, Slag Wool, Others], By Product [Board, Blanket, Loose Wool, Panel, Customized Shape, Others], By End-user Industry [Building and Construction, Industrial and Appliances, Transportation, Others], By Region, Opportunities and Forecast, 2018-2032F

Market Report | 2025-06-16 | 234 pages | Market Xcel - Markets and Data

AVAILABLE LICENSES:

- Single User License \$4800.00
- Multi-User/Corporate Licence \$6000.00
- Custom Research License \$8500.00

Report description:

Global mineral wool insulation market is projected to witness a CAGR of 4.40% during the forecast period 2025-2032, growing from USD 17.88 billion in 2025 to USD 25.23 billion in 2032. The market for mineral wool insulation is a fast-developing industry, fueled by the rising need for energy-saving and sustainable construction materials. Mineral wool, including glass wool and stone wool, is used extensively for thermal insulation and acoustic purposes in domestic, commercial, and industrial buildings. Its fire-resistant characteristics, strength, and environmentally friendly nature contribute to its popularity in the construction and manufacturing sectors. The market is also being aided by strict government regulations encouraging energy efficiency and green building codes globally.

Major drivers of the mineral wool industry are urbanization, infrastructure growth, and increased emphasis on curbing carbon emissions. Furthermore, increasing concern towards energy conservation and the necessity for efficient insulation products in harsh weather conditions are also driving demand. Developing economies are experiencing high growth driven by fast-paced industrialization and construction, whereas mature regions are putting efforts into retrofitting existing structures to achieve energy efficiency goals.

For instance, in June 2024, Saint-Gobain India announced its plans to double its production capacity for glass and stone wool insulation. Company intends to generate USD 4.3 billion in revenue by 2032, three times its 2023 level. Saint-Gobain India is also keen to consider acquisitions of mid-sized insulation companies. Company has a planned capital spend of USD 719 million - USD 959 million over the years from 2021 to 2025. This growth strategy is reflective of the company's determination to fulfill the

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

increasing worldwide demand for insulation products.

Increasing Focus on Sustainable Infrastructure Drives Mineral Wool Insulation Market Growth

The global market for mineral wool insulation is advancing quickly with increasing investment in green infrastructure development and renewable energy. The private and government sectors throughout the world are giving greater concern to energy saving and environmental preservation, which gives rise to enhanced demand for materials for green construction. Mineral wool insulation, having superior thermal as well as acoustic performances, is one of the chief elements of a green building. Its capacity to increase building energy efficiency resonates with international efforts to lower carbon emissions and pursue net-zero ambitions.

In addition, building codes and increasing focus on fire safety and energy efficiency are driving the demand for mineral wool insulation. Its high resistance to fire and non-burning nature guarantees extremely high demand in both residential and commercial uses. Greater emphasis on environmentally friendly production processes, including recycling and low energy usage, is also driving expansion.

For instance, in April 2024, Kingspan Group was building a new K-Roc mineral wool insulation manufacturing plant in Mattoon, Illinois, which was expected to be completed in 2025. Plant will manufacture K-Roc mineral wool insulation, providing a three-hour fire rating for walls and a one-hour for ceilings. It is dedicated to sustainability and state-of-the-art fire safety in its operations.

Similarly, in another instance, in December 2024, Rockwool A/S announced a USD 100+ million investment in a new production line in Mississippi, the United States, to produce industrial insulation products. This expansion would cater to the growing demand from the process industry in the Gulf of Mexico region, increasing the production capacity and complementing regional industrial development.

Acquisition activities are also being observed in this sector. For example, in October 2024, Knauf Group and Texnopark LLC concluded that Knauf Group would purchase Texnopark LLC's Rock Mineral Wool insulation business in Uzbekistan. The transaction involves a new Tashkent factory with cutting-edge electric melting technology, resulting in low CO2 emissions being facilitated. The acquisition is in line with Knauf Group's dedication to low-carbon, sustainable production, enhancing its position in the insulation industry while helping achieve environmental targets. These developments underscore the emphasis of the industry on innovation and sustainability to propel the mineral wool insulation market.

Government Green Building Policies and Tax Incentives Drive Global Market Growth

Government policy and tax credits for green building in the case of mineral wool insulation are the prime drivers of the market's growth. Governments all over the globe are going to great lengths to respond to climatic needs and diminish carbon footprints and thereby are imposing high energy efficiency criteria on buildings. Most such specifications demand the use of sustainable insulation materials such as mineral wool, which possesses high thermal and acoustic insulation values, is fire resistant, and long-lasting. Tax credits and energy-efficient building incentives are also prompting homeowners and builders to use green insulation materials. For example, initiatives such as the United States Inflation Reduction Act (IRA) offer tax credits to residential energy-efficient upgrades, such as insulation, further driving demand for mineral wool. Further, the Energy Performance of Buildings Directive (EPBD) of the new European Union instigated the demand for more sustainable buildings by requiring member states to enhance the energy performance of buildings. It has witnessed increasing uses of mineral wool insulation on the continent.

In another instance, in October 2024, Canada's Greener Homes Initiative expanded its grants for retrofitting homes with energy-efficient materials, including mineral wool, driving market growth. These policies and incentives are not only promoting sustainable construction practices but also positioning mineral wool as a preferred insulation material in the global market.

Building and Construction Segment Dominates the Global Market

Building and construction is adopting mineral wool insulation as a growing emphasis on energy efficiency in buildings and introducing stringent regulations and incentives by the government to promote the use of highly efficient insulation materials in the sector. Mineral wool includes rock wool and glass wool, which offer superior thermal insulation, helping residential and commercial infrastructure to significantly reduce heat transfer and lower energy consumption. Mineral wool insulation material aligns with the push for sustainable construction and green building initiatives, which drive its demand in the market. The material complies with the combination of regulatory, environmental, and performance-driven factors that drive its demand in the market. Additionally, mineral wool is highly valued for its fire resistance, acoustic insulation, and durability, making it an ideal choice for ceilings, walls, and partition boards in modern construction projects. The urbanization and infrastructure development continue to

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

rise in developing countries, due to which mineral wool insulation is set to play a central role in meeting the evolving needs of the construction industry. Furthermore, advances in production technologies, such as automation and artificial intelligence-based quality control, have improved the performance and consistency of mineral wool products, which drive their demand in the building and construction sector.

Asia-Pacific Dominates the Global Mineral Wool Insulation Market

The demand for mineral wool insulation is rapidly increasing in the Asia-Pacific, driven by a combination of regulatory, economic, and technological factors. The region is experiencing the multiplication of infrastructure projects, which has heightened the need for advanced insulation materials that could deliver both energy efficiency and fire safety. The growth of the construction sector in developing countries such as India, China is driving growth in the mineral wool insulation market. China dominates the regional market, holding about maximum of Asia-Pacific's mineral wool share due to ongoing government-led green building initiatives. Meanwhile, India is one of the fastest-growing markets, which is propelled by rapid urbanization, industrial expansion, and smart city projects that prioritize the use of energy conservation and sustainable materials, which drive its demand in the market. For instance, in 2024, the total green building footprint in India surpassed 12.5 billion square feet, making India one of the largest markets globally. The annual growth rate of certified green buildings ranges from 10 to 15 %. Moreover, the Indian Green Building Council (IGBC) aims to reach 15 billion square feet by 2030. The green building movement in India has been led by organizations such as the Indian Green Building Council (IGBC), Green Rating for Integrated Habitat Assessment (GRIHA), and Leadership in Energy and Environmental Design (LEED). This development highlights the rising investment in the green building construction sector, which drives the demand for mineral wool insulation material in the forecast period.

In another instance, in February 2023, the United States Green Building Council (USGBC) report announced that China was listed as the leading country across the globe for sustainable design, construction, and operations. This recognition was underscored by the certification of 1,563 Leadership in Energy and Environmental Design (LEED) green building projects, representing more than 24 million gross square meters (GSM) of space in Mainland China. This development highlights that the country is adopting green building construction, which drives the demand for mineral wool insulation in the market.

In addition, governments across the region are implementing stricter building energy codes and offering incentives to promote the use of energy-efficient construction materials which make mineral wool insulation a superior thermal and acoustic insulation product. Manufacturers of the developing countries are investing in innovative production technologies which could enhance product performance, moisture resistance, and sustainability. Furthermore, the push for green building practices and the adoption of recyclable, low-emission materials in the construction sector drive the demand for mineral wool insulation in the market.

Impact of U.S. Tariffs on the Global Mineral Wool Insulation Market

□ The increased tariffs on imported raw materials and finished insulation products have raised production costs for buyers.

□ The inflationary pressure from tariffs is passed down to consumers, resulting in higher prices for mineral wool insulation in both residential and commercial construction projects.

□ Tariffs have disrupted established global supply chains, forcing manufacturers to seek alternative suppliers or shift production to countries with more favourable trade conditions.

□ The increased cost of mineral wool insulation can impact construction budgets, especially for price-sensitive projects, potentially reducing overall demand or prompting a shift to lower-cost alternatives which impacting market growth.

Key Players Landscape and Outlook

The global mineral wool insulation market has the presence of major companies due to their vast product range and technology. They are all investing in sustainability, energy efficiency, and innovation to achieve the rising demand for environmentally friendly insulation products for use in buildings and industries. The market is driven by strict building codes, increasing energy-saving demands, and increased fire-resistance and sound insulation material demands. Regionally, North America and Europe are driving the market due to high adoption rates, and the Asia-Pacific market is the largest market with fast-paced urbanization and infrastructure development.

For instance, in August 2024, Rockwool India started building a new USD 65.5 million mineral wool insulation plant in Cheyyar, Tamil Nadu. Scheduled for commissioning in early 2026, the facility will produce 50,000 tons of stone wool annually, surpassing the Dahej, Gujarat plant (the company's other plant) as the company's largest plant in India. The new plant will mark a significant expansion in Rockwool India's production capacity and reinforce its presence in the insulation materials market.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Table of Contents:

1. Project Scope and Definitions
2. Research Methodology
3. Impact of U.S. Tariff
4. Executive Summary
5. Voice of Customers
 - 5.1. Respondent Demographic
 - 5.2. Factors Considered in Purchase Decisions
 - 5.2.1. Price Volatility
 - 5.2.2. Supply Chain Stability
 - 5.2.3. Environmental Regulations
 - 5.2.4. Product Quality
6. Global Mineral Wool Insulation Market Outlook, 2018-2032F
 - 6.1. Market Size Analysis & Forecast
 - 6.1.1. By Value
 - 6.1.2. By Volume
 - 6.2. Market Share Analysis & Forecast
 - 6.2.1. By Type
 - 6.2.1.1. Glass Wool
 - 6.2.1.2. Rock/Stone Wool
 - 6.2.1.3. Slag Wool
 - 6.2.1.4. Others
 - 6.2.2. By Product
 - 6.2.2.1. Board
 - 6.2.2.2. Blanket
 - 6.2.2.3. Loose Wool
 - 6.2.2.4. Panel
 - 6.2.2.5. Customized Shape
 - 6.2.2.6. Others
 - 6.2.3. By End-user Industry
 - 6.2.3.1. Building and Construction
 - 6.2.3.2. Industrial and Appliances
 - 6.2.3.3. Transportation
 - 6.2.3.4. Others
 - 6.2.4. By Region
 - 6.2.4.1. North America
 - 6.2.4.2. Europe
 - 6.2.4.3. Asia-Pacific
 - 6.2.4.4. South America
 - 6.2.4.5. Middle East and Africa
 - 6.2.5. By Company Market Share Analysis (Top 5 Companies and Others - By Value, 2024)
 - 6.3. Market Map Analysis, 2024
 - 6.3.1. By Type
 - 6.3.2. By Product
 - 6.3.3. By End-user Industry
 - 6.3.4. By Region
7. North America Mineral Wool Insulation Market Outlook, 2018-2032F*

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.1. Market Size Analysis & Forecast
 - 7.1.1. By Value
 - 7.1.2. By Volume
- 7.2. Market Share Analysis & Forecast
 - 7.2.1. By Type
 - 7.2.1.1. Glass Wool
 - 7.2.1.2. Rock/Stone Wool
 - 7.2.1.3. Slag Wool
 - 7.2.1.4. Others
 - 7.2.2. By Product
 - 7.2.2.1. Board
 - 7.2.2.2. Blanket
 - 7.2.2.3. Loose Wool
 - 7.2.2.4. Panel
 - 7.2.2.5. Customized Shape
 - 7.2.2.6. Others
 - 7.2.3. By End-user Industry
 - 7.2.3.1. Building and Construction
 - 7.2.3.2. Industrial and Appliances
 - 7.2.3.3. Transportation
 - 7.2.3.4. Others
 - 7.2.4. By Country Share
 - 7.2.4.1. United States
 - 7.2.4.2. Canada
 - 7.2.4.3. Mexico
- 7.3. Country Market Assessment
 - 7.3.1. United States Mineral Wool Insulation Market Outlook, 2018-2032F*
 - 7.3.1.1. Market Size Analysis & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.1.2. By Volume
 - 7.3.1.2. Market Share Analysis & Forecast
 - 7.3.1.2.1. By Type
 - 7.3.1.2.1.1. Glass Wool
 - 7.3.1.2.1.2. Rock/Stone Wool
 - 7.3.1.2.1.3. Slag Wool
 - 7.3.1.2.1.4. Others
 - 7.3.1.2.2. By Product
 - 7.3.1.2.2.1. Board
 - 7.3.1.2.2.2. Blanket
 - 7.3.1.2.2.3. Loose Wool
 - 7.3.1.2.2.4. Panel
 - 7.3.1.2.2.5. Customized Shape
 - 7.3.1.2.2.6. Others
 - 7.3.1.2.3. By End-user Industry
 - 7.3.1.2.3.1. Building and Construction
 - 7.3.1.2.3.2. Industrial and Appliances
 - 7.3.1.2.3.3. Transportation

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

7.3.1.2.3.4. Others

7.3.2. Canada

7.3.3. Mexico

*All segments will be provided for all regions and countries covered

8. Europe Mineral Wool Insulation Market Outlook, 2018-2032F

8.1. Germany

8.2. France

8.3. Italy

8.4. United Kingdom

8.5. Russia

8.6. Netherlands

8.7. Spain

8.8. Turkey

8.9. Poland

9. Asia-Pacific Mineral Wool Insulation Market Outlook, 2018-2032F

9.1. India

9.2. China

9.3. Japan

9.4. Australia

9.5. Vietnam

9.6. South Korea

9.7. Indonesia

9.8. Philippines

10. South America Mineral Wool Insulation Market Outlook, 2018-2032F

10.1. Brazil

10.2. Argentina

11. Middle East and Africa Mineral Wool Insulation Market Outlook, 2018-2032F

11.1. Saudi Arabia

11.2. UAE

11.3. South Africa

12. Demand Supply Analysis

13. Import and Export Analysis

14. Value Chain Analysis

15. Pricing Analysis

16. Porter's Five Forces Analysis

17. PESTLE Analysis

18. Market Dynamics

18.1. Market Drivers

18.2. Market Challenges

19. Market Trends and Developments

20. Case Studies

21. Competitive Landscape

21.1. Competition Matrix of Top 5 Market Leaders

21.2. SWOT Analysis for Top 5 Players

21.3. Key Players Landscape for Top 10 Market Players

21.3.1. Rockwool A/S

21.3.1.1. Company Details

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 21.3.1.2. □Key Management Personnel
- 21.3.1.3. □Products and Services
- 21.3.1.4. □Financials (As Reported)
- 21.3.1.5. □Key Market Focus and Geographical Presence
- 21.3.1.6. □Recent Developments/Collaborations/Partnerships/Mergers and Acquisition
- 21.3.2. □Saint-Gobain S.A.
- 21.3.3. □Knauf Group
- 21.3.4. □Ursa Insulation, S.A.
- 21.3.5. □Owens Corning
- 21.3.6. □Johns Manville Europe GmbH?
- 21.3.7. □Polybond Insulation Private Limited
- 21.3.8. □Thermocare Rock Wool India Private Limited
- 21.3.9. □Luyang Energy-saving Materials Co., Ltd.
- 21.3.10. □China Iking Industrial Group Co., Ltd.

*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.

- 22. □Strategic Recommendations
- 23. □About Us and Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Global Mineral Wool Insulation Market Assessment, By Type [Glass Wool, Rock/Stone Wool, Slag Wool, Others], By Product [Board, Blanket, Loose Wool, Panel, Customized Shape, Others], By End-user Industry [Building and Construction, Industrial and Appliances, Transportation, Others], By Region, Opportunities and Forecast, 2018-2032F

Market Report | 2025-06-16 | 234 pages | Market Xcel - Markets and Data

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4800.00
	Muti-User/Corporate Licence	\$6000.00
	Custom Research License	\$8500.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com

Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-07"/>
		Signature	<input type="text"/>