

Mineral Wool Market to Witness 6.0% Growth owing to Increasing Demand for Energy-Efficient Insulation

Mineral wool is a type of insulation material made from fibres of rock, slag or glass and is available in various forms such as slag wool, rock wool and glass wool. It functions as an excellent thermal and acoustic insulator given its closed cell structure which allows it to trap air and resists heat transfer. Mineral wool is widely used in insulated formwork/panels for walls, roofs and attic rooms in both residential and commercial construction owing to its fire resistance, durability and moisture resistance. It is a sustainable alternative to plastic insulations and also acts as a sound barrier.

The Mineral

Wool Market is estimated to be valued at USD 15.22 Bn in 2024 and is expected to reach USD 21.33 Bn by 2031, exhibiting a compound annual growth rate (CAGR) of 4.9% from 2024 to 2031.

Key Takeaways

Key players operating in the mineral wool market are Byucksan, Great Lakes Textiles, ISOVER (Saint Gobain), Johns Manville, Knauf Insulation, National Industrial Co., NTN OOD, Owens Corning, PGF Insulation, Rockwool International

AS, Kingspan Group, and Rosewool Insulation Refractory Co. Ltd. These players are focusing on capacity expansion and new product launches to consolidate their market position.

The [Mineral](#)

[Wool Market Trends](#) for energy efficient and green buildings is a key factor driving the growth of the mineral wool market. Stringent regulations regarding reduction of carbon emissions from buildings has compelled builders to use highly insulated materials like mineral wool.

Technological advancements have allowed mineral wool manufacturers to develop products for niche application areas. Introduction of thin insulation boards and flexible insulation mats have expanded the end uses of mineral wool. Development of high performance non-combustible products is helping mineral wool gain acceptance in industrial sectors.

Market Trends

Rising Focus on Green Buildings: With growing environmental concerns, builders are increasingly demanding sustainable insulation materials like mineral wool to enable efficient thermal performance of buildings and reduce energy costs. This will strengthen the demand for mineral wool over the forecast period.

Growing Renovation and Infrastructure Spending: Infrastructure projects and renovation of existing buildings provide significant growth opportunities for insulation materials. The recovery of construction sector post-pandemic will

