

The Global Breathable Membrane Market, Size, Share, Growth, Opportunity and Forecast, 2021-2028 | DataM Intelligence

The Global Breathable Membrane Market is expected to grow at a CAGR of 12.36% during the forecasting period (2021-2028).



Breathable membranes can be defined as sheets or a film used in the construction of roofs to exchange water vapor while averting liquid water from pervading through. The membranes are water-resistant and are used within the outer wall & roof constructions where the external covering may not be completely water-tight or moisture resistant. These membranes also improve the thermal efficiency of a building while providing temporary protection from the weather during construction or repair works.

Market Dynamics

The growth of the global breathable membrane market is driven by the growing construction and rising awareness about safety. Moreover, this membrane reduces energy consumption thereby fuelling the growth of the global breathable membrane market during the forecast period. The growth of the building and construction industry across the globe is anticipated to propel the breathable membrane market growth during the assessment period. Moreover, the high growth of construction activities across the Middle East & Africa owing to increasing investment in the Middle East drives the growth of the breathable membrane market industry over the forecast period.

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Increasing Durability and Cost-Effectiveness of Breathable Membranes

The strong growth in the building & construction industry is considered to be the key driving factor for the growth in demand for breathable membranes. However, the membranes are not only used as roof underlays but also for wall coverings and house wraps. It is extremely useful in areas with heavy rainfall, high snowfall, and high atmospheric moisture content. Moreover, the demand for breathable membranes is high in snow-clad regions such as Northern Europe, Canada, and Russia, and Breathable membranes also help increase the thermal efficiency and reduce power consumption in a building. The development in terms of roof membranes has regulated and high fixing specifications, as improper placement of this membrane can dislodge the roof tiles, thus causing severe damage to the roof, further boost the need for breathable membrane in the global market throughout the forecast period.

Rapid growth in awareness increasing demand for [Breathable Membrane](#)

The rising awareness among the consumers around safeguarding material from water vapors is driving the growth of the market. The increasing use of breathable membrane for inclined walls & rooftops and stringent regulation for diminishing energy consumption are some of the major factors that are anticipated to propel the growth of the market over the forecast period.

However, the increase in the viscosity of the wall with the use of a breathable membrane may hamper the growth of the market. Nevertheless, growing industrialization and urbanization are likely to boost the demand for the breathable membrane during the forecast period.

COVID-19 Impact Analysis

COVID-19 pandemic affected the global economy in many terms, such as directly affecting production and demand, supply chain disruption, and financial impact. COVID-19 has directly impacted the manufacturers' supply chain across the globe and shut down the production facilities to minimize the risk of virus spread. Also, the lockdown policies have strengthened the demand for chemicals and material products under chemicals and building construction across the globe. Therefore, the manufacturers are started investing to increase the production capabilities to meet the global market's

updated demand.

Despite the pandemic, there is growth in the overall food & beverage products and bakery products, which is expected to drive the breathable membrane's market size in the global market during the forecast period.

Segment Analysis

Based on the type, the breathable membrane market has been classified into polyethylene (PE) and polypropylene (PP).

The polyethylene (PE) segment accounted for the highest market share in the global market

In 2019, the polyethylene (PE) segment accounted for a higher market share and is expected to register [high growth during the forecast period](#), owing to the remarkable features of polyethylene such as availability of resistance to prolonged UV radiation, water, and moisture. Also, increasing demand for polyethylene in the pitched roof applications, along with the growing awareness towards safeguarding building materials from getting worn by water vapors are expected to drive the growth of the segment in the global breathable membrane market during the forecast period.

Based on the application, the breathable membrane market has been classified into pitched roofs, walls, and others.

Pitched Roof segment dominated the global breathable membrane market in 2019

In 2019, the pitched roof segment is anticipated to dominate the breathable membranes market across the globe. Breathable membrane offers various advantages to pitched roofs such as it helps in maintaining thermal efficiency and protecting the building materials from extra moisture. Moreover, the increasing focus towards the development of more energy-efficient building construction, demand for improved air quality, and increasing investments in the renovation and improvement of residential and commercial buildings globally are expected to boost the market growth of the global market during the forecast period.

Geographical Analysis

Based on geography, the study analyses the breathable membrane market in the global market, including North America, Europe, Asia-Pacific, South America, and the Middle East & Africa.

Asia Pacific market to rise at the fastest step

Asia-Pacific is anticipated to witness the fastest growth in the global breathable membranes market during the forecast period primarily due to factors such as the rise in per capita one-use incomes, along with the increasing demand for energy-efficient buildings. Moreover, increasing construction and renovation activities of commercial and industrial buildings including shopping malls, educational institutes, factories, power plants, and other facilities in countries such as China, Japan, India, and South Korea are expected to boost the demand for breathable membranes, thus driving the growth of the global market in the region, during the forecast period.

The Asia Pacific accounted for a high volume and value share in the global breathable market due to rapid industrialization and urbanization along with a positive economic outlook in the region. The global

companies in Eastern Europe and Japan also account for significant value share in the global breathable membrane market for the construction industry.

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Competitive Landscape

The breathable membrane market is highly competitive, owing to the presence of a large number of players. The key breathable membrane players, which are contributing to the growth of the global market, include Saint-Gobain, Dupont De Nemours, Inc., Soprema Group, Kingspan Group Plc, Low & Bonar Plc, Knauf Insulation, Dorken Group, GAF Material Corporation, IKO Industries, Ltd., and Riwege Srl among others.

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