

## Energy Efficient Glass Market Share, Demand, Trends, Analysis, and Research Report 2024-2030

The Exactitude Consultancy has updated its global market reports with latest data for 2024 and projections up to 2030

LUTON, BEDFORDSHIRE, UNITED KINGDOM, March 6, 2024 /EINPresswire.com/ -- This information is provided by Exactitude Consultancy, in its report titled, "Energy Efficient Glass Market, 2024-2030."

The global energy-efficient glass market is expected to grow at 5.1 %

Energy Efficient Glass Market by coating, glazing, end-use industry and by Region, Global Trends

Market Size

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Market is expected to grow faster in next decade

5.1%

Increasing adoption in the building and construction sector helps to propel the energy efficient glass market's growth is hampered by the high cost of energy-efficient glass.

Growing Demand from the Asia Pacific region for the building and construction industry this factor will create more opportunities in the market.

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Energy Efficient Glass Market

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CAGR from 2024-2030. It is expected to reach above USD 46.3 billion by 2030 from USD 27.7 billion in 2023. Energy-efficient glass is a type of glass that is designed to reduce the amount of heat that is transferred through it, which helps to lower energy costs and increase the energy efficiency of buildings. There are several types of energy-efficient glass available in the market,



Demand for energy-efficient glass is surging as businesses and homeowners seek sustainable solutions to reduce costs and environmental impact"

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Low-E (Low-Emissivity) Glass: This glass has a thin coating that reflects heat into the room, while still allowing natural light to enter; Insulated Glass: This glass is made up of two or more panes of glass separated by a vacuum or gas-filled space, which reduces heat transfer; Tinted Glass: This glass has a tinted color that helps to reduce the amount of heat that enters a building; Reflective Glass: This glass has a reflective coating that reflects sunlight and heats away from the building; Spectrally Selective Glass: This glass selectively blocks certain wavelengths of light, which helps to reduce the amount of heat that enters the building

while still allowing natural light to enter.

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The Energy Efficient Glass market competitive landscape provides details by competitor. Details included are company overview, company financials, revenue generated, market potential, investment in research and development, new market initiatives, regional presence, company strengths and weaknesses, product launch, product width and breadth, application dominance. The above data points provided are only related to the companies' focus related to Energy Efficient Glass market.

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Major players in the Energy Efficient Glass Market are identified through secondary research and their market revenues determined through primary and secondary research are: Saint-Gobain, AGC, Nippon Sheet Glass, SCHOTT AG, Sisecam Group, Guardian, Vitro Architectural Glass, Morley Glass & Glazing, Kaphs S.A., Sedak GmbH & Co. Kg, Metro Performance Glass, CSG Holding Co., Ltd. Taiwan Glass Ind Corp., Abrisa Technologies, Bendheim, Central Glass Co., Ltd., Gsc Glass Ltd, Arnold Glas, Fuso Glass India Pvt. Ltd. and Others.

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21st April 2022: E. ON and AGC Glass Europe launched their partnership back in 2019 and have already implemented energy efficiency projects in various European countries. In addition, the construction of further photovoltaic plants with up to 20 megawatts capacity is planned in Hungary and the Czech Republic.

3rd December 2021: Guardian Glass Europe has launched the latest product in their leading SunGuard® extra Selective range – Guardian SunGuard® SNX 70. SunGuard SNX 70 is a new triple silver-coated glass that boasts outstanding solar control and light transmission approaching 70% – plus high thermal insulation. Yet it also has a uniquely clean, natural appearance and a subtle reflective quality that achieves a strikingly uniform aesthetic across design contours and different viewing angles.

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Energy Efficient Glass Market by Coating, 2020-2029, (USD Billion), (Square Meters)

Hard-Coat

Soft Coat

Energy Efficient Glass Market by Glazing, 2020-2029, (USD Billion), (Square Meters)
Tripple Glazing
Double Glazing
Single Glazing
Energy Efficient Glass Market by End-Use Industry, 2020-2029, (USD Billion), (Square Meters)
Building And Construction
Automotive
Solar Panels
Others
North America (United States, Canada, and Mexico)
🛘 Europe (Germany, France, UK, Russia, and Italy)
🛘 Asia-Pacific (China, Japan, Korea, India, and Southeast Asia)
🛘 South America (Brazil, Argentina, Colombia, etc.)
☐ The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, and South Africa)
Asia Pacific accounted for the largest market in energy efficient glass market. The region's

Asia Pacific accounted for the largest market in energy efficient glass market. The region's industrial development has been fueled by expanding wealth, rising disposable income, rising urbanization, and rising population growth. International businesses have been encouraged to set up production facilities in the area by several government programs, including FDI. As a result, APAC has become a manufacturing powerhouse for goods related to construction, appliances, and automobiles. All these factors are projected to propel the usage of energy-efficient glass in various end-use industries.

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Energy-efficient glasses are incorporated with coatings (low-emissivity) to prevent the passing of heat through the windows. This makes the windows thermally insulated and hence improves the energy efficiency of a home, thereby helping save money on heating bills.

In the building and construction sector, these glasses are used to improve energy efficiency. Windows, doors, conservatories, and roof lights can all benefit from the use of energy-efficient glasses by retaining the heat and thereby conserving energy.

Asia-Pacific and North America are the largest construction markets in the world. Furthermore, according to Oxford Economics, the global construction output is expected to grow by more than USD 4.2 trillion over the next 15 years, from USD 9.7 trillion in 2022 to USD 13.9 trillion in 2037, with China, the United States, and India accounting for 51% of all the construction work.

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Direct-To-Consumer Energy Efficient Glass definition, synopsis, and product specification are included in the research. It also identifies market-related obstacles and opportunities.

An in-depth study of the market for Energy Efficient Glass products, including regional evaluations and competitive analyses on a global, regional, and local scale.

Indicators influencing market scenarios, development patterns, growth plans, as well as major regional enterprises fundamental to the market, are identified and highlighted.

A comprehensive section on the market's competitive landscape includes company profiles, strategic activities, and market shares for the industry's major competitors.

Various macro- and micro-level influences on the Global Energy Efficient Glass market is identified and analyzed in the study.

Offers a detailed overview of the leading participants in the industry, as well as an analysis of their present strategic goals and critical financial data.

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