

Insulated Glass Market Size, Share & Trends Analysis Report By Application (Residential Buildings, Commercial Buildings, Automotive), By Region (North America, Europe, Asia Pacific), And Segment Forecasts, 2025 - 2030

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Abstracts

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Insulated Glass Market Growth & Trends

The global insulated glass market size is anticipated to reach USD 121.7 billion by 2030 and is anticipated to grow at a CAGR of 4.7% from 2025 to 2030, according to a new report by Grand View Research, Inc. Rapid urbanization and rising noise pollution in densely populated areas which are increasing the need for effective acoustic insulation is a major factor contributing to the market growth. In addition, the stringent energy efficiency regulations and government incentives aimed at reducing building-related energy consumption.

The rising awareness about energy efficient buildings is expected to drive demand for insulating glass. Insulating glass is a special type of value added product which is installed to keep the environment warmer in winters and cooler during the summer season. The presence of two windowpanes in one-unit aids in providing heat insulation. The heat transfer by convection, radiation and conduction are decreased by the extra window and air void present in an insulated glass. Nowadays, manufacturers have developed insulation glass with advanced properties such as noise control and enhanced thermal insulation.

The rising demand for green buildings is expected to drive demand for the product. The

energy efficiency provided by insulating glass is the major factor driving the demand for this product. The market is majorly concentrated in certain regions around the world. The demand for the product is high particularly in the developing economies of India and Thailand.

Insulated Glass Market Report Highlights

Residential building dominated application segment and accounted for the largest revenue share of 54.8% in 2024, attributed to the increasing demand for energy-efficient homes and heightened environmental consciousness among homeowners.

Commercial buildings are expected to grow at the fastest CAGR of 5.1% over the forecast period, owing to the need for improved energy efficiency and occupant comfort in offices, retail spaces, and institutional facilities.

Asia Pacific dominated the global market with the largest revenue share in 2024, primarily driven by accelerated urbanization, growing construction activities, and substantial government investments in infrastructure across countries like China, India, and Japan.

Europe insulated glass market is expected to grow at a CAGR of 4.1% over the forecast period, driven by the push for reduced carbon emissions and compliance with green building standards.

Companies Mentioned

AGC Inc.
Central Glass Co., Ltd.
Glas Tr?sch Holding AG (Euroglas)
fuyaogroup.com
Glaston Corporation
Guardian Industries Holdings Site
Nippon Sheet Glass Co., Ltd
Compagnie de Saint-Gobain
?i?ecam
Viracon
Vitro

Xinyi Glass Holdings Limited

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