

# Global Construction Glass Market to Attain a Revenue of US\$ 190.3 Billion by 2030

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/EINPresswire.com/ -- [Global construction glass market](https://www.astuteanalytica.com/request-sample/construction-glass-market) revenue was US\$ 110.9 Bn in 2022 and is estimated to reach a valuation of US\$ 190.3 Bn by 2030, growing at a CAGR of 6.98% during the forecast period 2023–2030.

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Glass has a significant effect on a space's experience quality and is frequently a key element of the overall construction concept. Glass technology has influenced and redefined architecture numerous times, and its most recent development offers a wide range of alternatives.

The development of smart glass for buildings and other recent breakthroughs in glass technology have considerably raised the need for construction glass.

As the following examples demonstrate, smart glass is a technological development that holds great promise for enhancing building aesthetics, usefulness, and privacy. For instance, Bagmane Group selected SageGlass in 2021 to supply about 200,000 square feet of SageGlass Harmony electrochromic glass for the largest smart glass installation in India.

The efforts made by manufacturers to increase the use of smart glasses by regular consumers will also affect market trends. For instance, in 2020, Cardinal Glass Industries and Click Materials, a pioneer in electrochromic glass technology, teamed up to provide the former's smart window solution to one million North American homes. According to the business, Click has created a patented technique that lowers EC glass production costs by 60% while lowering energy expenses and consumption. This makes smart windows very affordable for households.

Energy-Efficient Glass is Witnessing High Demand Among End-Users

In 2022, the energy-efficient glass segment dominated the global construction glass market and is likely to record a revenue opportunity of US\$ 33.3 Billion by 2030. Due to the rising demand



for energy-efficient buildings, energy-efficient glass products like low-emissivity, insulated, and smart glass are being used more frequently. Governments have established energy efficiency requirements for construction, which has prompted the widespread use of energy-efficient glass in places like the European Union. The government stated that by 2050, all new buildings must be practically zero-energy buildings (NZEBs). As a result, the usage of energy-efficient glass has significantly increased in the region.

### Borosilicate Glass Composition is Popular for Construction Activities

In 2022, the borosilicate glass segment recorded the highest revenue share of the global construction glass market. Due to its exceptional strength and durability, borosilicate glass is popular in the construction sector and the production of scientific glassware. Due to its capacity to tolerate high temperatures, it is also frequently utilized in lighting applications.

### Float Manufacturing Process Dominated the Global Construction Glass Market

In 2022, the float process segment recorded a revenue share of 74.5% of the global market. Compared to other glass manufacturing techniques, this technology has a number of benefits, including the capacity to create big, superior glass sheets with consistent thickness and optical quality.

### Asia Pacific Dominated the Global Construction Glass Market

In 2022, the Asia Pacific region will still rule the worldwide construction glass market. China, India, and Japan are three of the world's major economies that have seen substantial expansion in construction activities over the past ten years. The growth of the construction glass market in the Asia Pacific region has been fueled by rising demand for residential and commercial buildings as well as government measures to promote energy efficiency in buildings. For instance, the National Bureau of Statistics of China estimates that the value of China's completed building projects climbed by 7.1% on an annual basis in 2020, reaching a total of US\$ 3.85 trillion. In addition, the Chinese government recently unveiled a plan to spend significantly on infrastructure, with a concentration on roads, bridges, and airports.

Technology advances in the creation of high-performance glass products that provide increased safety, energy efficiency, and aesthetic appeal are another factor driving the growth of the Asia Pacific construction glass market. For instance, the introduction of tempered, laminated, insulated, and smart glass has greatly increased the use of construction glass in various fields, including electronics, automobiles, and construction. In the upcoming years, the building glass market will continue to expand due to the rising demand for these products in the Asia-Pacific region.

Top 10 Players Own More Than 65% of the Global Construction Glass Market's Revenue.

Leading companies in the market include AGNORA, Asahi Glass Co., Ltd, Nippon Sheet Glass Co. Ltd, PPG Industries, Inc., China Glass Holdings Limited, Compagnie de Saint-Gobain S.A, Guardian Industries Corp., Gulf Glass Industries, Fuso Glass India Pvt. Ltd., and Central Glass Co., Ltd.

A few key competitors clearly dominate the worldwide building glass market, as shown by the competitive landscape analysis of the glass market. According to the study, the market is capital-intensive and necessitates significant investment in R&D, manufacturing facilities, and distribution networks. The major businesses have made significant investments in these fields, allowing them to offer a variety of premium goods at affordable costs.

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Some of the top players operating in the global construction glass market are:

AGNORA

Asahi Glass Co. Ltd

Central Glass Co., Ltd.

Bendheim Glass

Compagnie de Saint-Gobain S.A.

China Glass Holdings Limited

Guardian Industries Corp.

Fuso Glass India Pvt. Ltd.

Nippon Sheet Glass Co. Ltd.

Gulf Glass Industries.

Schott AG

PPG Industries, Inc.

Other Prominent Players

## Segmentation Outline

The global construction glass market segmentation focuses on Type, Composition, Manufacturing Process, Application, and Region.

By Type

Annealed Glass

Toughened Glass

Heat-Strengthened Glass

Energy-efficient Glass

Extra-clean/ Self-cleaning glass

Sheet Glass

Laminated Glass

Chromatic Glass

Patterned Glass

Tinted Glass  
Insulated Glazed Units  
Others

By Composition  
Borosilicate  
Glass Fiber  
Silica  
Sodium potassium carbonate  
Lead  
Others

By Manufacturing Process  
Rolled Process  
Float Process

By Application  
Walls  
Shop Fronts  
Public Places  
Skylights  
Aquariums  
Bridges  
ICUs  
Meeting Rooms  
Fire-resistant Doors  
Others

By Region  
North America  
The U.S.  
Canada  
Mexico

Europe  
Western Europe  
The UK  
Germany  
France  
Italy  
Spain  
Rest of Western Europe  
Eastern Europe

Poland  
Russia  
Rest of Eastern Europe

Asia Pacific  
China  
India  
Japan  
Australia & New Zealand  
ASEAN  
Rest of Asia Pacific

Middle East & Africa (MEA)  
UAE  
Saudi Arabia  
South Africa  
Rest of MEA

South America  
Argentina  
Brazil  
Rest of South America

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