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Construction Glass Market Research Report - Forecast to 2030

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Description:

Global Construction Glass Market Overview

The Construction Glass Market Size was valued at USD 115.98 Billion in 2022. The Construction Glass market industry is projected to grow from USD 116.01 Billion in 2023 to USD 200.81 Billion by 2030, exhibiting a compound annual growth rate (CAGR) of 7.28% during the forecast period (2023 - 2030). Construction glasses are glasses with a translucent coating and are generally utilized for glass doors and windows or as transparent walls. Construction glasses generally come with potential features such as energy conservation, waterproofing, thermal insulation, and so on, thereby making them viable building materials for commercial and residential spaces. The glass manufacturers are incorporating chemical properties such as electric resistance, chemical resistance, resistance to varied temperature waterproofing, and flexibility to mold according to the necessity. Such factors are making construction glasses the most preferred building material for sophisticated building materials.

Construction Glass Market Overview

Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review

Construction Glass Market Trends

- **Increasing demand for better and more economical raw materials from the construction industry.**

The development in the construction industry and the inclination of the builders to utilize safe and sustainable building materials to enhance the value of the property are considered the key growth-stimulating factor. Rising urbanization and favorable economic condition of the residents and commercial sectors combined with the increasing investment for construction activities are some of the major market drivers of construction glass market growth.

Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review

Additionally, The construction industry was rapidly developing in recent years, as the government of several developing countries was thriving to develop rural areas into urban areas. Such factors are bringing in eco-friendly buildings that effectively control carbon dioxide emissions. Such factors are presenting lucrative opportunities for the deployment of flat glass. The construction glasses are deployed in the automotive as well. As the demand for sophisticated vehicles is increasing in recent years. The increasing investments in the automotive industries are propelling automotive manufacturers in producing lightweight glazing glasses with nanotechnology. Such factors are considered key opportunities for the overall growth of the construction glass industry during the forecast period.

Construction Glass Market Segment Insights

Construction Glass Type Insights

The Construction Glass market segmentation, based on Type, includes Low-E Glass and Special Glass. The special glass segment holds a large number of shares in the market because of the growing adoption of flat glass in residential and commercial buildings and due to its properties like natural insulation and protection from UV rays & noise pollution, which is the factor that boosts the market growth of the Construction Glass Market.

Construction Glass Application Insights

Based on Application, the Construction Glass market segmentation includes Residential,

Nonresidential, Commercial, and Others. The Nonresidential segment holds a large number of shares in the market because of the growing construction activities of green buildings and many government regulations related to energy-efficient buildings, which is the factor that boosts the market growth of the Construction Glass Market.

Figure 2: Construction Glass Market, by Type, 2023 & 2030 (USD Billion)

Construction Glass Market, by Type, 2023 & 2030

Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review

Construction Glass Regional Insights

By region, the study provides market insights into North America, Europe, Asia-Pacific, and the Rest of the World. North America is witnessing significant growth in the construction glass industry, owing to the favorable economic condition and rapid growth in urbanization and population. Moreover, the increasing government initiatives across North America are further propelling residential and commercial construction activities. Moreover, the regulations to adopt flat glasses in the construction industry across the region further encourage the vendors to stimulate construction glass production.

Figure 3: CONSTRUCTION GLASS MARKET SHARE BY REGION 2023 (%)

CONSTRUCTION GLASS MARKET SHARE BY REGION 2023

Source: Secondary Research, Primary Research, MRFR Database, and Analyst Review

The Asia-Pacific region is also expected to hold a higher market share during the forecast period. It held a market value of about 60.7% in the year 2021 and continues to grow in market share. The factors such as rapid urbanization and industrialization of the region, with the help of government initiatives, are presenting opportunities for the overall development of industries and commercial spaces such as offices, malls, residential units, industrial spaces, manufacturing plants, and so on. Such developments across the region present lucrative opportunities for the overall growth of the construction glass industry during the forecast period.

Construction Glass Key Market Players & Competitive Insights

Major market players are spending a lot of money on R&D to increase their product lines, which will help the Construction Glass market grow even more. Market participants are also taking a range of strategic initiatives to grow their worldwide footprint, with key market developments such as new product launches, contractual agreements, mergers and acquisitions, increased investments, and collaboration with other organizations. Competitors in the Construction Glass industry must offer cost-effective items to expand and survive in an increasingly competitive and rising market environment.

The major market players are investing a lot of money in R&D to expand their product lines, which will spur further market growth for Construction Glass. With significant market development like new product releases, contractual agreements, mergers and acquisitions, increased investments, and collaboration with other organizations, market participants are also undertaking various strategic activities to expand their presence. To grow and thrive in a market climate that is becoming more competitive and growing, competitors in the Construction Glass industry must offer affordable products.

Manufacturing locally to cut operating costs is one of the main business tactics manufacturers use in the Construction Glass industry to benefit customers and expand the market sector. The Construction Glass market has recently given medicine some of the most important advantages. Major Construction Glass market players, including S.A. Bendheim Ltd. (U.S.), AGC Glass Company North America, Inc.(U.S.), and others, are attempting to increase market demand by funding R&D initiatives.

Bendheim is a provider of architectural glass and systems. It offers in-house manufacturing, vast domestic inventory, consultative design, and other services.

Also, SCHOTT is a company specializing in the manufacture of glass and glass ceramics. It offers products such as ambient automotive glass, glass door systems, glass tubing, restoration glass, sanitary glass solutions, etc. The company serves the home appliance, pharma, electronics, optics, life sciences, automotive, and aviation industries.

List of the Key Companies in the Construction Glass market include

- S.A. Bendheim Ltd. (U.S.)
- AGC Glass Company North America, Inc.(U.S.)
- Schott AG (Germany)
-

Central Glass Co. Ltd. (Japan)

- PPG Industries, Inc. (U.S.)
- Saint-Gobain S.A. (France)
- Nippon Sheet Glass Co., Ltd. (Japan)
- JE Berkowitz, LP (U.S.)
- AGNORA (U.S.)
- Guardian Industries Corp Ltd . (U.S.).

Construction Glass Industry Developments

In the year 2020, one of the leading market players, Guardian Glass introduced their facility which is their second float glass manufacturing plant, located in Poland. The new facility caters to the growing demand in the industry efficiently. Several market players are developing energy-efficient glass materials, as energy conservation is highly focused on in major countries. One of the leading market players, PPG Industries Inc. has launched Solarban z75 low e-glass which efficiently minimizes the heat entering the building. The supreme solar-controlling property of these glasses is intensively used in humid regions, thereby reducing air-conditioning costs.

Construction Glass Market Segmentation

Construction Glass Type Outlook

- Low-E Glass
- Special Glass

Construction Glass Application Outlook

- Residential
- Nonresidential
- Commercial

Construction Glass Regional Outlook

- North America
 - US
 - Canada
- Europe

- - Germany
- - France
- - UK
- - Italy
- - Spain
- - Rest of Europe
- - Asia-Pacific
 - - China
 - - Japan
 - - India
 - - Australia
 - - South Korea
 - - Australia
 - - Rest of Asia-Pacific
- - Rest of the World
 - - Middle East
 - - Africa
 - - Latin America

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