

Advanced Glass Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 155 pages | EMR Inc.

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Report description:

The global advanced glass market attained a value of USD 76.46 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 7.80% to reach USD 162.04 Billion by 2034.

Rising Urbanisation to Cater to the Expansion in the Advanced Glass Industry

The market for advanced glass is being driven by the rapid urbanisation, especially in the emerging economies as an increasing number of individuals are migrating into metropolitan centres. Thus, as the urban population grows, the demand for housing is witnessing a boost, which is expected to support the growth of the advanced glass industry. Further, the rising demand for the renovation and expansion of commercial and industrial infrastructure due to the fast urban development is projected to further stimulate the market expansion. The infusion of public and private investments into the construction sector is projected to further propel the growth of the market.

Advanced Glass: Market Segmentation

Advanced glass is extensively employed in a wide range of high technology and speciality applications. These specialised glasses feature additional additives or may include totally different compositions, typically based on new technologies, as compared to ordinary glasses.

The major functions of advanced glass are:

- Safety and Security
- Solar Control
- Optics and Lighting

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- High Performance

The market on the basis of product type can be segmented into:

- Coated Glass
- Laminated Glass
- Toughened Glass
- Ceramic Glass

The market can be broadly categorised on the basis of end use into:

- Building and Construction
- Aerospace and Defence
- Automotive
- Electronics
- Sports and Leisure
- Optical
- Others

The EMR report looks into the regional markets of advanced glass like:

- North America
- Europe
- Latin America
- Asia Pacific
- Middle East and Africa

Rapid Technological Advancements to Drive the Market Growth of Advanced Glass

The rapidly increasing integration of advanced glass into the construction and building sector has driven the demand for advanced glass worldwide. The growing development of advanced glass variants to provide benefits like noise cancellation, safety, UV management, and the sound reduction is projected to further aid the growth of the market. Further technological developments to enhance energy efficiency and increase productivity are anticipated to catalyse the growth of the market over the forecast period. The rising emergence of trends like smart glass, thin glass, safety crystal, nano canal glass, organic glass, and self-cleaning glass is also expected to support the market growth. Furthermore, the rising investments into the research and the development activities to drive innovations within the industry is anticipated to provide additional impetus to the market growth.

Key Industry Players in the Global Advanced Glass Market

The report presents a detailed analysis of the following key players in the global advanced glass market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- AGC Inc.
- Corning Inc.
- Fuyao Glass Industry Group Co. Ltd.
- Saint-Gobain
- Nippon Sheet Glass Co., Ltd.

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- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Advanced Glass Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Advanced Glass Historical Market (2018-2024)
 - 5.3 Global Advanced Glass Market Forecast (2025-2034)
 - 5.4 Global Advanced Glass Market by Function
 - 5.4.1 Safety and Security
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Solar Control
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)

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- 5.4.3 Optics and Lighting
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)
- 5.4.4 High Performance
 - 5.4.4.1 Historical Trend (2018-2024)
 - 5.4.4.2 Forecast Trend (2025-2034)
- 5.5 Global Advanced Glass Market by Product Type
 - 5.5.1 Coated Glass
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.2 Laminated Glass
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.3 Toughened Glass
 - 5.5.3.1 Historical Trend (2018-2024)
 - 5.5.3.2 Forecast Trend (2025-2034)
 - 5.5.4 Ceramic Glass
 - 5.5.4.1 Historical Trend (2018-2024)
 - 5.5.4.2 Forecast Trend (2025-2034)
- 5.6 Global Advanced Glass Market by End Use
 - 5.6.1 Building and Construction
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Aerospace and Defence
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Automotive
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Electronics
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Sports and Leisure
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
 - 5.6.6 Optical
 - 5.6.6.1 Historical Trend (2018-2024)
 - 5.6.6.2 Forecast Trend (2025-2034)
 - 5.6.7 Others
- 5.7 Global Advanced Glass Market by Region
 - 5.7.1 North America
 - 5.7.1.1 Historical Trend (2018-2024)
 - 5.7.1.2 Forecast Trend (2025-2034)
 - 5.7.2 Europe
 - 5.7.2.1 Historical Trend (2018-2024)
 - 5.7.2.2 Forecast Trend (2025-2034)
 - 5.7.3 Asia Pacific

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- 5.7.3.1 Historical Trend (2018-2024)
- 5.7.3.2 Forecast Trend (2025-2034)
- 5.7.4 Latin America
 - 5.7.4.1 Historical Trend (2018-2024)
 - 5.7.4.2 Forecast Trend (2025-2034)
- 5.7.5 Middle East and Africa
 - 5.7.5.1 Historical Trend (2018-2024)
 - 5.7.5.2 Forecast Trend (2025-2034)
- 6 North America Advanced Glass Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Advanced Glass Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Historical Trend (2018-2024)
 - 7.2.2 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific Advanced Glass Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Advanced Glass Market Analysis

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- 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
- 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
- 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
- 9.4 Others
- 10 Middle East and Africa Advanced Glass Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 AGC Inc.
 - 13.5.1.1 Company Overview

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- 13.5.1.2 Product Portfolio
- 13.5.1.3 Demographic Reach and Achievements
- 13.5.1.4 Certifications
- 13.5.2 Corning Inc.
- 13.5.2.1 Company Overview
- 13.5.2.2 Product Portfolio
- 13.5.2.3 Demographic Reach and Achievements
- 13.5.2.4 Certifications
- 13.5.3 Fuyao Glass Industry Group Co. Ltd.
- 13.5.3.1 Company Overview
- 13.5.3.2 Product Portfolio
- 13.5.3.3 Demographic Reach and Achievements
- 13.5.3.4 Certifications
- 13.5.4 Saint-Gobain
- 13.5.4.1 Company Overview
- 13.5.4.2 Product Portfolio
- 13.5.4.3 Demographic Reach and Achievements
- 13.5.4.4 Certifications
- 13.5.5 Nippon Sheet Glass Co., Ltd.
- 13.5.5.1 Company Overview
- 13.5.5.2 Product Portfolio
- 13.5.5.3 Demographic Reach and Achievements
- 13.5.5.4 Certifications
- 13.5.6 Others

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