

Saudi Arabia Glass Curtain Wall Market By System Type (Unitized, Stick), By End Use (Commercial, Public, Residential), By Region, Competition Forecast & Opportunities, 2020-2030F

<https://marketpublishers.com/r/S59F2D3B2371EN.html>

Date: April 2025

Pages: 81

Price: US\$ 3,500.00 (Single User License)

ID: S59F2D3B2371EN

Abstracts

Glass Curtain Wall Market in Saudi Arabia was valued at USD 3.42 billion in 2024 and is projected to reach USD 5.24 billion by 2030, registering a robust compound annual growth rate (CAGR) of 7.2% during the forecast period. This growth is primarily driven by the rapid development of commercial and residential high-rise buildings, increased infrastructure investments, and a rising emphasis on energy-efficient construction.

Under the Vision 2030 initiative, Saudi Arabia is undergoing a major urban transformation focused on sustainability and modern architectural practices. Consequently, demand for contemporary building facades—particularly in key urban centers such as Riyadh, Jeddah, and NEOM—continues to surge. The preference for high-performance glass curtain wall systems is largely attributed to their aesthetic appeal, ability to reduce cooling costs, and enhanced energy efficiency. Technological innovations, including double-glazed units and smart glass solutions, are further advancing market growth by optimizing thermal performance and light control.

Key Market Drivers

Accelerated Urbanization and Population Growth

Saudi Arabia is experiencing a significant demographic shift, with the urban population expected to grow from 83% in 2020 to approximately 87% by 2030. The national population stood at 35.2 million in 2023 and continues to increase at an annual growth rate of 1.5%. This surge is fueling the demand for modern infrastructure, particularly in

the residential and commercial sectors, where glass curtain walls are favored for their lightweight construction, natural light optimization, and visual appeal.

Major cities such as Riyadh—whose population exceeded 7.5 million in 2023—are expanding rapidly. This urban growth is accompanied by a construction boom, including over 300,000 housing units planned by 2025. Glass curtain walls align well with these expansion efforts, offering energy savings of up to 20% in well-designed structures. Moreover, the government's drive toward smart city development further supports the adoption of innovative facade technologies that deliver both functionality and contemporary aesthetics.

Key Market Challenges

High Initial Capital and Maintenance Expenditures

Despite their advantages, the adoption of glass curtain walls entails considerable initial investment due to the costs associated with premium glazing materials, structural support systems, and specialized installation techniques. Advanced features such as double-glazing, low-emissivity (Low-E) coatings, and photovoltaic (PV) glass further add to the expense.

Maintenance is another critical challenge, particularly given the Kingdom's harsh environmental conditions, including frequent sandstorms and high temperatures. These factors necessitate ongoing upkeep to prevent glass degradation, discoloration, and loss of thermal performance. Additionally, the requirement for specialized cleaning and maintenance tools increases long-term operational costs. Smaller-scale developers and project owners may be deterred by these financial considerations, especially in light of fluctuating raw material prices and global supply chain disruptions, which pose further cost-efficiency concerns.

Key Market Trends

Growing Adoption of Energy-Efficient and Smart Glass Technologies

In line with Saudi Arabia's sustainability goals under Vision 2030, there is a marked shift toward glass curtain wall systems that offer superior energy efficiency and environmental performance. Developers are increasingly implementing advanced glazing solutions—such as double-glazed units, Low-E coatings, and solar-control glass—to enhance thermal insulation while maximizing daylight penetration.

Smart glass technologies, including electrochromic and thermochromic variants, are gaining traction for their ability to automatically adjust transparency based on sunlight intensity, thereby improving energy management in high-rise structures. Government-led green building mandates and LEED certification initiatives are accelerating the transition to eco-friendly facade systems. Consequently, the market is witnessing strong investment in innovative curtain wall designs that contribute to reducing carbon emissions and lowering building operating costs.

Key Market Players

AGC Inc.

Asahi Glass Co., Ltd.

Central Glass Co., Ltd.

Guardian Industries Corp.

Nippon Sheet Glass Co., Ltd.

Saint-Gobain S.A.

Vitro, S.A.B. de C.V.

Xinyi Glass Holdings Limited

Report Scope:

In this report, the Saudi Arabia Glass Curtain Wall Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Saudi Arabia Glass Curtain Wall Market, By System Type:

Unitized

Stick

Saudi Arabia Glass Curtain Wall Market, By End Use:

Commercial

Public

Residential

Saudi Arabia Glass Curtain Wall Market, By Region:

Riyadh

Makkah

Madinah

Jeddah

Tabuk

Eastern Province

Rest of Saudi Arabia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia Glass Curtain Wall Market.

Available Customizations:

Saudi Arabia Glass Curtain Wall Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. SAUDI ARABIA GLASS CURTAIN WALL MARKET OVERVIEW

6. SAUDI ARABIA GLASS CURTAIN WALL MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By System Type (Unitized, Stick)

6.2.2. By End Use (Commercial, Public, Residential)

6.2.3. By Region (Riyadh, Makkah, Madinah, Jeddah, Tabuk, Eastern Province, Rest of Saudi Arabia)

6.3. By Company (2024)

6.4. Market Map

7. RIYADH GLASS CURTAIN WALL MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By System Type

7.2.2. By End Use

8. MAKKAH GLASS CURTAIN WALL MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By System Type

8.2.2. By End Use

9. MADINAH GLASS CURTAIN WALL MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By System Type

9.2.2. By End Use

10. JEDDAH GLASS CURTAIN WALL MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By System Type

10.2.2. By End Use

11. TABUK GLASS CURTAIN WALL MARKET OUTLOOK

11.1. Market Size & Forecast

11.1.1. By Value

11.2. Market Share & Forecast

11.2.1. By System Type

11.2.2. By End Use

12. EASTERN PROVINCE GLASS CURTAIN WALL MARKET OUTLOOK

12.1. Market Size & Forecast

12.1.1. By Value

12.2. Market Share & Forecast

12.2.1. By System Type

12.2.2. By End Use

13. REST OF SAUDI ARABIA GLASS CURTAIN WALL MARKET OUTLOOK

13.1. Market Size & Forecast

13.1.1. By Value

13.2. Market Share & Forecast

13.2.1. By System Type

13.2.2. By End Use

14. MARKET DYNAMICS

14.1. Drivers

14.2. Challenges

15. MARKET TRENDS AND DEVELOPMENTS

15.1.1. 15.1. Merger & Acquisition (If Any)

15.1.2. 15.2. Product Launches (If Any)

15.1.3. 15.3. Recent Developments

16. COMPANY PROFILES

16.1.AGC Inc.

16.1.1. Business Overview

16.1.2. Key Revenue and Financials

16.1.3. Recent Developments

16.1.4. Key Personnel/Key Contact Person

16.1.5. Key Product/Services Offered

16.2.Asahi Glass Co., Ltd.

16.3.Central Glass Co., Ltd.

16.4.Guardian Industries Corp.

16.5.Nippon Sheet Glass Co., Ltd.

16.6.Saint-Gobain S.A.

16.7.Vitro, S.A.B. de C.V.

16.8.Xinyi Glass Holdings Limited

17. STRATEGIC RECOMMENDATIONS

18. ABOUT US & DISCLAIMER

I would like to order

Product name: Saudi Arabia Glass Curtain Wall Market By System Type (Unitized, Stick), By End Use (Commercial, Public, Residential), By Region, Competition Forecast & Opportunities, 2020-2030F

Product link: <https://marketpublishers.com/r/S59F2D3B2371EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S59F2D3B2371EN.html>