

Saudi Arabia Self Cleaning Glass Market By Glass Coating (Hydrophobic, Hydrophilic), By Application (Building & Construction (Residential and Non-Residential), Automotive, Solar Panels), By Region, Competition, Forecast and Opportunities, 2028

<https://marketpublishers.com/r/S91132176E26EN.html>

Date: October 2023

Pages: 70

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

ID: S91132176E26EN

Abstracts

Saudi Arabia self cleaning glass market is anticipated to grow at a steady pace during the forecast period, 2024-2028. The developing construction sector, which increases the demand for value-added glass items, as well as the growing requirement for self-cleaning glass in solar panels, which has low maintenance costs and time, are driving the Saudi Arabia self cleaning glass market. Additionally, in December 2022, investments in Giga projects that were launched as part of the Kingdom's Vision 2030 economic diversification plan will help Saudi Arabia's construction industry grow by 4.5% in real terms this year. Budget for 2023 was approved by the government. Moreover, between 2024 and 2027, the Saudi Arabian construction market is anticipated to grow by an average of 5% annually, helped by investments in projects related to transportation, renewable energy, housing, and tourism under the Vision 2030 strategy. Saudi Arabia's GDP reached more than USD 1 trillion in 2022. Therefore, with the growth of the construction industry, the demand for self-cleaning glass is expected to increase during the forecast period.

Self-Cleaning Glass Has Less Harmful Impact on The Environment

Self-cleaning glass is a type of glass that keeps its surface free of debris and grime. These glasses are made by depositing a thin layer of chemicals having photolytic and hydrophilic properties. On the surface, a coating of titanium oxide begins a chemical reaction, breaking down dirt and other impurities into tiny particles that may be readily washed away by rain or water application. The layer is hydrophilic, as opposed to

normal glass, which is hydrophobic. As a result of the depositing, the glass becomes simpler to clean. The self-cleaning layer of glass is classified as hydrophobic or hydrophilic. Because of the action of water, both types of coatings are capable of self-cleaning.

The planet benefits from self-cleaning glass with a less harmful impact on the environment. Additionally, it prevents the requirement for extra cleaning agents and conserves water during washing. Self-cleaning glasses are renowned for being glare and mist resistant. Self-cleaning glasses are frequently utilized as doors and windows glazing as well as a building infrastructure partition. The ability of self-cleaning has led to a sharp increase in its usage in the construction industry.

One of the key reasons driving the growth of the market is the significant rise of the building industry. Furthermore, the decrease in maintenance time and cost will propel the growth of the Saudi Arabia self-cleaning glass market. Both types of coatings are capable of self-cleaning due to the action of water. Glass that cleans itself is less harmful to the environment. It also conserves water and eliminates the need for extra cleaning chemicals throughout the washing process. Self-cleaning glasses are well-known for their ability to withstand fog and glare. Thus, the rising demand for strong, scratch-resistant, and self-cleaning windows and facades will drive the growth of the Saudi Arabia self cleaning glass market during the forecast period.

Trend Toward Renewable Energy and Growing Construction Sector in the Country

The market's growth rate will be accelerated by the trend toward renewable energy and the increased demand for self-cleaning glass for usage in skylights, conservatories, and roofs. Furthermore, increasing product launches and growing demand for value-added glass items will fuel the growth of the Saudi Arabia self cleaning glass market. The Kingdom has placed its bets on ACWA Power to achieve its Vision 2030 renewable energy goal to provide 70% of the Kingdom's RE-generated power needs.

According to figures issued by the General Authority for Statistics (GASTAT), Saudi Arabia's economy grew its gross domestic product (GDP) by 8.7% in 2022, the highest growth rate among the G20 nations despite the economy being in terrible conditions and facing numerous obstacles. Additionally, to carry out a large-scale development in downtown Riyadh, the Saudi Crown Prince Mohammed bin Salman established the New Murabba Development Corporation (NMDC) in February 2023. The proposal includes building a residential area, a business area, hotels, hospitals, entertainment and recreation venues, and educational facilities.

Adoption of Largest Single-Site Solar Power Plant in Saudi Arabia

Through self-cleaning glasses, solar panel longevity and energy efficiency are increased, and maintenance costs are decreased. The absorption of high incident sunlight is necessary for high efficiency solar cells. So, the effectiveness of solar panels can be boosted by using self-cleaning glasses. Self-cleaning glass is a green solution as it uses less water and does not need chemicals to clean the surface. For instance, on November 30, ACWA Power, a local utility firm, and Water and Electricity Holding firm (Badeel) inked a contract to develop Al Shuaibah, in the province of Mecca, into the largest single-site solar power plant in the world. With a 2,060 MW generation capacity, the solar power station is anticipated to begin operations by the end of 2025. Therefore, the market is expected to register a high CAGR during the forecast period.

Self-cleaning glasses are expensive and ineffective, which will slow down the market's growth. A low adoption rate in underdeveloped areas and a lack of self-cleaning glass terminology may further hinder the market's growth. A significant market limitation that will further slow the industry's growth pace is the lack of awareness of self-cleaning glass technology among individuals in emerging nations.

Market Segmentation

The Saudi Arabia self cleaning glass market is divided into glass coating, application, and region. Based on glass coating, the market is segmented into hydrophobic and hydrophilic. Based on application, the market is segmented into building & construction, automotive, and solar panels. Based on region, the market is segmented into Northern & Central, Western, Eastern, and Southern.

Market Players

Main market players in the Saudi Arabia Self Cleaning Glass Market are Obeikan Glass Company, Saudi American Glass Company, Saudi Arabian Glass Co. Ltd, Guardian Glass, Glaston, Arabian United Float Glass Company, Tuomas S.L, Region Glass Factory, IKK Glass, and INT Glass.

Report Scope:

In this report, the Saudi Arabia self cleaning glass market has been segmented into following categories, in addition to the industry trends which have also been detailed

below:

Saudi Arabia Self-Cleaning Glass Market, By Type:

Hydrophobic

Hydrophilic

Saudi Arabia Self-Cleaning Glass Market, By Operation:

Building & Construction

Residential

Non-Residential

Automotive

Solar Panels

Saudi Arabia Self Cleaning Glass Market, By Region:

Eastern Region

Northern & Central Region

Western Region

Southern Region

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Saudi Arabia self cleaning glass market.

Available Customizations:

Saudi Arabia self cleaning glass market report with the given market data, Tech Sci

Saudi Arabia Self Cleaning Glass Market By Glass Coating (Hydrophobic, Hydrophilic), By Application (Building...

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
- 1.3. Markets Covered
- 1.4. Years Considered for Study
- 1.5. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Baseline Methodology
- 2.2. Key Industry Partners
- 2.3. Major Association and Secondary Sources
- 2.4. Forecasting Methodology
- 2.5. Data Triangulation & Validation
- 2.6. Assumptions and Limitations

3. EXECUTIVE SUMMARY

4. VOICE OF CUSTOMERS

5. SAUDI ARABIA SELF CLEANING GLASS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Glass Coating (Hydrophobic, Hydrophilic)
 - 5.2.2. By Application (Building & Construction (Residential and Non-Residential), Automotive, Solar Panels)
 - 5.2.3. By Region (Northern & Central Region, Western Region, Eastern Region, Southern Region)
- 5.3. By Company (2022)
- 5.4. Market Map

6. NORTHERN & CENTRAL REGION SELF CLEANING GLASS MARKET OUTLOOK

Saudi Arabia Self Cleaning Glass Market By Glass Coating (Hydrophobic, Hydrophilic), By Application (Building...

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Glass Coating

6.2.2. By Application

7. WESTERN REGION SELF CLEANING GLASS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Glass Coating

7.2.2. By Application

8. EASTERN REGION SELF CLEANING GLASS MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Glass Coating

8.2.2. By Application

9. SOUTHERN REGION SELF CLEANING GLASS MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Glass Coating

9.2.2. By Application

10. MARKET DYNAMICS

10.1. Drivers

10.2. Challenges

11. MARKET TRENDS & DEVELOPMENTS

12. POLICY & REGULATORY LANDSCAPE

13. COMPANY PROFILES

13.1. Obeikan Glass Company

- 13.1.1. Business Overview
- 13.1.2. Key Revenue and Financials (If Available)
- 13.1.3. Recent Developments
- 13.1.4. Key Personnel
- 13.1.5. Key Product/Services

13.2. Saudi American Glass Company

- 13.2.1. Business Overview
- 13.2.2. Key Revenue and Financials (If Available)
- 13.2.3. Recent Developments
- 13.2.4. Key Personnel
- 13.2.5. Key Product/Services

13.3. Saudi Arabian Glass Co. Ltd

- 13.3.1. Business Overview
- 13.3.2. Key Revenue and Financials (If Available)
- 13.3.3. Recent Developments
- 13.3.4. Key Personnel
- 13.3.5. Key Product/Services

13.4. Guardian Glass

- 13.4.1. Key Revenue and Financials (If Available)
- 13.4.2. Recent Developments
- 13.4.3. Key Personnel
- 13.4.4. Key Product/Services

13.5. Glaston

- 13.5.1. Business Overview
- 13.5.2. Key Revenue and Financials (If Available)
- 13.5.3. Recent Developments
- 13.5.4. Key Personnel
- 13.5.5. Key Product/Services

13.6. Arabian United Float Glass Company

- 13.6.1. Business Overview
- 13.6.2. Key Revenue and Financials (If Available)
- 13.6.3. Recent Developments
- 13.6.4. Key Personnel

13.6.5. Key Product/Services

13.7. Tuomas S.L

13.7.1. Business Overview

13.7.2. Key Revenue and Financials (If Available)

13.7.3. Recent Developments

13.7.4. Key Personnel

13.7.5. Key Product/Services

13.8. Region Glass Factory

13.8.1. Business Overview

13.8.2. Key Revenue and Financials (If Available)

13.8.3. Recent Developments

13.8.4. Key Personnel

13.8.5. Key Product/Services

13.9. IKK Glass

13.9.1. Business Overview

13.9.2. Key Revenue and Financials (If Available)

13.9.3. Recent Developments

13.9.4. Key Personnel

13.9.5. Key Product/Services

13.10. INT Glass

13.10.1. Business Overview

13.10.2. Key Revenue and Financials (If Available)

13.10.3. Recent Developments

13.10.4. Key Personnel

13.10.5. Key Product/Services

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Saudi Arabia Self Cleaning Glass Market By Glass Coating (Hydrophobic, Hydrophilic), By Application (Building & Construction (Residential and Non-Residential), Automotive, Solar Panels), By Region, Competition, Forecast and Opportunities, 2028

Product link: <https://marketpublishers.com/r/S91132176E26EN.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/S91132176E26EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970