

Smart Glass Market Growing at Exponential CAGR 12.6% with Innovative Technology | Report, 2030

Rise in demand for smart glass from the construction sector and the automobile manufacturing industry is estimated to push the global smart glass market ahead.

WILMINGTON, DE, UNITED STATES, June 17, 2025 /EINPresswire.com/ -- Allied Market Research

“

The global smart glass industry is expected to reach \$15.1 billion by 2030. The market accounted for \$4.62 billion in 2020 and is predicted to grow at a CAGR of 12.6% during the 2021-2030”

Allied Market Research

published a report, titled, "Smart Glass Market by Technology (Thermochromic, Photochromic, Electrochromic, Suspended Particle Device (SPD), Polymer Disperse Liquid Crystal (PDLC), and Others), and End user Industry (Transportation, Construction, Power Generation, and Others): Global Opportunity Analysis and Industry Forecast, 2021-2030". According to the report, the global smart glass industry generated \$4.62 billion in 2020, and is anticipated to generate \$15.1 billion by 2030, witnessing a CAGR of 12.6% from 2021 to 2030.

Access Full Summary @

<https://www.alliedmarketresearch.com/smart-glass-market>

Prime determinants of growth

Escalating demand from building & construction sector and rise in demand from automotive sector drive the growth of the global smart glass market. However, high price of smart glass hinders the market growth. On the other hand, rise in potential end use industries of smart glass in renewable energy sector presents new opportunities in the coming years.

Based on technology, the Suspended Particle Devices (Spd) segment held the highest market share in 2020, accounting for one-third of the global smart glass market, and is estimated to maintain its leadership status throughout the forecast period. This is owing to the fact that suspended particle device-based smart glass can be automatically or manually tuned to precisely control the amount of light, glare, and heat passing through it. This is because both manufacturers and customers are becoming more linear towards using electrochromic technology for smart glass manufacturing.

The construction segment to maintain its lead position during the forecast period

Based on end use industry, the construction segment accounted for the largest share in 2020, contributing to more than half of the global smart glass market, and is projected to maintain its lead position during the forecast period. The increasing population has surged the building & construction activities where smart glass is used as an energy efficient lighting solution in windows, skylights, doors, partitions, and others, which drive the segment. However, the transportation segment is expected to portray the largest CAGR of 13.0% from 2021 to 2030, due to the increasing demand for consumer goods where smart glass is widely for heat and glare control applications in transportation sector.

Request PDF Brochure: <https://www.alliedmarketresearch.com/request-sample/1005>

Europe, followed by North America, to maintain its dominance by 2030

Based on region, Europe, followed by North America, held the highest market share in terms of revenue 2020, accounting for more than one-third of the global smart glass market. The increasing renovation activities based on modern theme architecture in countries such as Italy, France, and others where smart glass is widely used in windows, doors, skylights, partitions, and others may fuel the market growth. Moreover, the Asia-Pacific region is expected to witness the fastest CAGR of 14.1% during the forecast period, owing to utilization of smart glass in sectors such as building & construction, automotive, aerospace, and others.

Leading Market Players

Asahi Glass Co. Ltd
ChromoGenics
Gauzy Ltd and Entities
Gentex Corporation
Halio Inc.
PleotintLlc
RavenbrickLlc
Research Frontiers Inc.
Saint Gobain
Showa Denko Materials Co. Ltd.

Interested in Procuring This Report? Visit Here: <https://www.alliedmarketresearch.com/smart-glass-market/purchase-options>

□□□□□□ □□□□□□

Electrochromic Glass Market: <https://www.alliedmarketresearch.com/electrochromic-glass->

[market](#)

Glass Fiber Market: <https://www.alliedmarketresearch.com/glass-fiber-market-A09243>

Laminated Glass Market: <https://www.alliedmarketresearch.com/laminated-glass-market-A31645>

David Correa

Allied Market Research

+ + 1800-792-5285

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/823038206>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.