

# Dynamic Glazing Market is Predicted to Grow at Approximately 10 % by 2023

Market research future published a half cooked research report on dynamic glazing market. which is expected to grow over the CAGR of around 10% by 2023

PUNE, MAHARASHTRA, INDIA, August 18, 2017 /EINPresswire.com/ -- [Global Dynamic Glazing Market](#) Information by Technology (Polymer Dispersed Liquid Crystals (PDLC), Suspended Particle Device, Photochromic, Thermo-chromic, Electrochromic), By Application (Day Lighting Performance, Glare Control, Energy Savings, Heat Gain), By End-Use (Residential, Commercial, Transportation and Others) and By Region – Forecast To 2023

The [dynamic glazing market](#) is majorly driven by the rising investments into the construction of commercial buildings.

Dynamic glazing helps in reducing the consumption of energy and promoting a sustainable design of the building infrastructure. Dynamic glazing allows dynamic control of enclosure light and heat flow, resulting in significantly more energy savings than comparable static solutions. Dynamic glazing allows the occupant to control its surrounding environment by tinting a window either by using the flip of a switch or by raising and lowering a shade positioned between panes of glass, which drives the growth of the market.

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## Market Research Analysis

Based on all types of technology, the electrochromic segment is expected to grow the highest during the forecast period. Electrochromic has the ability to reversibly change its visible light transmission and solar heat gain coefficient at the touch of a button or in response to sensors. The availability of larger size electrochromic glazing glass, higher volumes, improved exterior color aesthetics and non-rectangular shapes has further contributed to the growth of the electrochromic segment in the dynamic glazing market.

Based on end-user, the market for dynamic glazing has been segmented as residential, commercial, transportation and others. The commercial segment is expected to grow the fastest during the forecast period. The growth can be attributed to the rapid improvements in construction of commercial buildings and offices. Dynamic glazing is also extensively used for commercial purposes in marine, hospitality, aviation industries and others.

## Scope of the Report

This study provides an overview of the global dynamic glazing market, tracking three market



segments across four geographic regions. The report studies key players, providing a five-year annual trend analysis that highlights market size, volume and share for North America, Europe, Asia Pacific (APAC) and Rest of the World (ROW). The report also provides a forecast, focusing on the market opportunities for the next five years for each region. The scope of the

study segments the global Dynamic Glazing market by its technology, application, end-user and region.

By Technology

- Polymer Dispersed Liquid Crystals (PDLC)
- Suspended Particle Device
- Photochromic
- Thermochromic
- Electrochromic

By Application

- Day lighting performance
- Glare Control
- Energy Savings
- Heat Gain

By end-user

- Residential
- Commercial
- Transportation
- Others

By Region

- North America
- Asia Pacific
- Europe
- Rest of the World

Key Players

The key players of global Dynamic Glazing market include

- Guardian Industries (U.S.)
- Beautex Industries Pvt. Ltd (India)
- Corning Inc. (U.S.)
- Saint-Gobain S.A (France)
- Research Frontiers, Inc.(U.S.)
- Pleotint LLC(U.S.)
- PPG Industries, Inc.(U.S.)
- GPD Group (U.S.)
- Nippon Sheet Glass Co., Ltd.(Japan)
- GlasNovations, Ltd. (U.K.)

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Dynamic glazing products are the products used in construction activities that possess the ability to change performance properties. The dynamic glazed windows and doors change the performance automatically for responding to control or environmental signal. The dynamic glazing market is expected to grow with 10% CAGR during the forecast period.

The report for Global Dynamic Glazing market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry

performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

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The growth of the dynamic glazing market can be attributed to the benefits of glass such as reduction in the cost of energy due to controlled day lighting. This glass changes from transparent to translucent, and blocks the wavelengths of light.

On the basis of technology, the thermochromic segment is expected to grow significantly during the forecast period. The thermochromic glazing is a type of dynamic glazing technology, which can change visible light transmission with the objective of responding to the change in environment. In this type of dynamic glazing, the occupant has no control over the tint level of the glass.

On the basis of end users, dynamic glazing market is being segmented as residential, commercial, transportation and others. Among them,, the commercial segment is expected to grow the highest with its increasing applications in marine, aviation, hospitals, and other commercial building applications. These also help in eliminating the need for extensive use of curtains, thereby driving the growth of the market.

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