

Global Flat Glass Market Report and Forecast 2023-2028

Market Report | 2023-10-04 | 167 pages | EMR Inc.

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Report description:

Global Flat Glass Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global flat glass market reached a value of almost USD 126.24 billion in 2022. Aided by rising demand from automotive and construction sectors and rapid urbanisation, the market is projected to further grow at a CAGR of 6.5% between 2023 and 2028 to reach a value of almost USD 184.2 billion by 2028.

Flat glass, predominantly manufactured using the float process, holds paramount importance in numerous applications, spanning from architectural windows, facades, interior decor to automotive windshields and electronic displays. Its versatility is augmented by its properties like transparency, UV protection, and insulating capabilities, fortifying its position in contemporary designs and constructions.

The robust flat glass market growth is being catalysed by urbanisation and the subsequent boom in the construction sector. As cities worldwide expand and modernise, there's a palpable shift towards buildings that not only optimise space but also allow abundant natural light. This has exponentially amplified the demand for vast glass facades, windows, and interior partitions made of flat glass.

The automotive sector further propels the flat glass market demand. With technological advancements, cars and other vehicles are incorporating larger and more sophisticated windows, sunroofs, and windshields, necessitating high-quality flat glass.

Moreover, the burgeoning electric vehicle segment, which leans heavily on modern aesthetics, ensures that the demand for flat glass remains buoyant.

Pivoting to technology, the flat glass market trends highlight increasing use in electronic displays, such as smartphones, televisions, and tablets. As these devices vie for thinner, clearer, and more durable displays, the application of specialised flat glass variants has surged, fusing functionality with aesthetics.

Expanding the scope of flat glass market analysis reveals an intriguing trajectory. As sustainable building practices gain traction, there's a growing interest in energy-efficient flat glass variants. This has led to the increased production of insulating and solar control glass, which not only reduces energy consumption by buildings but also curtails greenhouse gas emissions.

Furthermore, the design world's current penchant for minimalism and open spaces ensures that flat glass remains a preferred choice for architects and interior designers alike. The growing trend of incorporating natural elements into building design,

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coupled with the emphasis on creating 'green' buildings, positions flat glass as a pivotal material in the future of construction.

Market Segmentation

The market can be divided based on category, technology, product type, raw material, application, end use industry, and region.

Market Breakup by Category

- Fabricated
- Non-Fabricated

Market Breakup by Technology

- Float Glass
- Sheet Glass
- Rolled Glass

Market Breakup by Product Type

- Basic Float Glass
- Toughened Glass
- Coated Glass
- Laminated Glass
- Insulated
- Extra Clear Glass
- Others

Market Breakup by Raw Material

- Sand
- Soda Ash
- Recycled Glass
- Dolomite
- Limestone
- Others

Market Breakup by Application

- Safety and Security
- Solar Control
- Others

Market Breakup by End Use Industry

- Construction
- Automotive
- Solar Energy
- Electronics
- Others

Market Breakup by Region

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

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global flat glass market. Some of the major players explored in the report by Expert Market Research are as follows:

- Asahi India Glass Limited
- Saint-Gobain

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- Nippon Sheet Glass Co., Ltd.
- Cardinal Glass Industries, Inc.
- CSG Holding Co., Ltd.
- Others

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