

## **Tempered Glass Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-10-15 | 147 pages | IMARC Group

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### **Report description:**

Market Overview:

The global tempered glass market size reached US\$ 51.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 70.8 Billion by 2028, exhibiting a growth rate (CAGR) of 6% during 2023-2028.

Tempered glass refers to a type of safety glass that is treated by tempering to impart high durability and strength. The tempering process, involving thermal or chemical treatments, compresses the glass surface, thereby reducing the risks of breakage. Tempered glass is more efficient than the conventional annealed glass in terms of heat resistivity, design versatility, lightweight, scratch resistance, and tensile strength. Owing to these benefits, it has diverse applications across various sectors, including consumer electronics, automobile, home furnishing, construction, etc.

Rapid digitalization coupled with the increasing penetration of smart consumer electronics such as, smartphones, laptops, tablets, etc., is primarily driving the demand for tempered glass. Furthermore, the increasing awareness towards several structural properties such as durability, thermal shock resistance, tensile strength, etc. has catalyzed the product demand in the automotive and electronic sectors. In addition to this, rapid development in the construction industry has led to the increasing utilization of tempered glass as a durable building material in doors, windows, facades, skylights, etc. Both developed and developing economies are experiencing high demand for tempered glass owing to the rising construction activities including smart housing projects and increasing demand for smart consumer electronics. Rapid urbanization and rising government expenditure on infrastructural development is also contributing to the escalating market growth in these regions. Furthermore, remodeling activities across these markets have also led to the replacement of traditional glass with tempered glass in both residential and commercial infrastructures. Moreover, the rising usage of tempered glass for automobile manufacturing, owing to its lightweight and high strength is further catalyzing the market growth.

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#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global tempered glass market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, shape and application.

#### Breakup by Type:

Plain Glass  
Coloured Glass

#### Breakup by Shape:

Flat Tempered Glass  
Bent Tempered Glass

#### Breakup by Application:

Construction  
Residential  
Commercial  
Industrial  
Automotive  
Rear Windows  
Slide Windows  
Home Appliances  
Refrigerators  
Washing Machine  
Microwave and Ovens  
Gadgets  
Smartphones  
Tablets  
Laptop and Computers  
Others

#### Breakup by Region:

North America  
United States  
Canada  
Europe  
Germany  
United Kingdom  
France  
Italy  
Russia  
Spain  
Others

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Asia Pacific  
China  
Japan  
South Korea  
India  
Australia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa  
Turkey  
Saudi Arabia  
United Arab Emirates  
South Africa  
Others

#### Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Asahi Glass Co., Ltd., Dlubak Specialty Glass Corporation, Guardian Industries, Nippon Sheet Glass (NSG), Co. Ltd, Press Glass SA, Romag, Saint-Gobain S.A, Taiwan Glass Ind. Corp., Virginia Mirror Co, Fuso India Pvt Ltd. etc.

#### Key Questions Answered in This Report:

How has the global tempered glass market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global tempered glass market?

What is the breakup of the market based on the type?

What is the breakup of the market based on the shape?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the market?

What is the structure of the global tempered glass market and who are the key players?

What is the degree of competition in the market?

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