Flat Glass Market Research Report - Global Forecast To 2023

Description:

Global Flat Glass Market Information by Product (Laminated, Tempered, Others), by Technology (Float, Rolled, Sheet), By Application (Construction & Infrastructure, Automotive & Transportation and others) and region- Forecast To 2023

Market Synopsis:

Glass is a hard substance that may be transparent or translucent and brittle in nature. It is manufactured by fusion process. It is used in construction purpose and architectural purpose in engineering. Flat glass is a material that plays an important role for manufacture of windows and facades for buildings, windscreens and windows for transport, and solar panels, but also in many other applications such as furniture, electronics.

Today, flat glass comes in many highly specialized forms intended for different products and applications. Flat glass produced by way of the float process is often further processed for certain qualities or specificities. In this way, the industry can meet the various requirements and needs of the construction, automotive and solar energy industries.

Growing demand for engineered glass in buildings, especially for use in windshields, transparent walls, and windows, is expected to drive the global market over the forecast period. In mature markets such as North America and Europe, growth will be driven by the launch of value-added products such as laminated glazing and the legislation of energy performance mandates for buildings.

Positive application scope for increasing usage in manufacturing windshields & window for cars and in sunroof for aesthetic appearance should drive product demand.

Flat glass is the second largest sector in the glass industry in the European Union after container glass (bottles, jars, others). Flat glass represents around 30% of total glass production and is driven by the increasing demand from the construction & infrastructure and automotive & transportation sectors, especially in emerging regions. With the increasing number of solar energy installations around the globe, the demand for flat glass is expected to increase the manufacture of solar panels. The growing demand for residential & commercial infrastructure and the increasing production of automobiles is also expected to drive the growth of the flat glass market in the coming years.

Flat glasses are used extensively in furniture, owing to its elegant appearance. Ease of cleaning and low maintenance increase the demand for flat glass products in furniture application. Furthermore, emerging innovative applications are likely to propel the demand for the global flat glass market for other end-users in the construction industry. Flat glass is extensively used in construction industry, replacing conventional bricks, wood and stone.

Growth in infrastructural spending for building airports and residential buildings, coupled with strict amendments regarding the use of ecofriendly building materials will drive industry growth. Emerging trends, which have a direct impact on the dynamics of flat glass industry, include increasing usage of advanced nanotechnology in flat glass, solar control glazing for automotive and building glasses, lightweight glazing glass. Moreover, increase in automotive production meeting the global demand, owing to rise in middle class income level and consumer preference for luxury automobile, should propel flat glass demand.

The report segments the global flat glass market by Product (Laminated, Tempered, Others), by Technology (Float, Rolled, Sheet), By Application (Construction & Infrastructure, Automotive & Transportation and others) and by geography (The Americas, Europe, Asia-Pacific and RoW). Increase in residential and commercial construction, is also expected to boost the market growth during the coming years. Rapid population expansion, coupled with the infrastructural requirement, has led the government to initiate several large-scale construction works in order to ease pressure on existing infrastructure. This will spur the market growth over the forecast period.

Flat Glass Market-By Segment:
Regional Analysis:

The global market can be segmented on the basis of geography into Asia Pacific, North America, Europe, and the Rest of the World. Globally, Asia Pacific represents the largest and the fastest growing market worldwide with a CAGR of 7.5% over the analysis period. Rapid urbanization, increase in construction activity in industrial, commercial, residential and infrastructural sectors, and rising demand for luxury cars that utilize more glass than mainstream models, are among the growth drivers. Growing construction industry, increased investments in airport construction, an increase in focus on building interiors, and growing demand for solar thermal panels also drive the market growth.

The key players of global flat glass market includes Asahi Glass (Japan), Saint-Gobain S.A. (France), Nippon Sheet Glass (Japan), Guardian Industries (U.S.), Taiwan Glass (Taiwan), Schott AG (Germany), PPG Industries, Inc. (U.S.), Xinyi Glass (China), Nittobo (Japan), Luoyang Glass (China), Changzhou Almaden (China), Emerge Glass (India), AviationGlass & Technology (Netherlands), AEON Industries (China), and Suzhou Huadong Coating Glass (China).

The report for Global Flat Glass 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.
3 Market Landscape
3.1 Porter’s Five Forces Analysis
3.1.1 Threat of New Entrants
3.1.2 Bargaining power of buyers
3.1.3 Bargaining power of Suppliers
3.1.4 Threat of substitutes
3.1.5 Segment rivalry
3.2 Value Chain/Supply Chain Analysis

4 Market Dynamics
4.1 Introduction
4.2 Market Drivers
4.3 Market Restraints
4.4 Market Opportunities
4.5 Market Trends

5 Global Flat Glass Market By Product
5.1 Introduction
5.2 Laminated
5.2.1 Market Estimates & Forecast, 2017-2023
5.2.2 Market Estimates & Forecast by Region, 2017-2023
5.3 Tempered
5.3.1 Market Estimates & Forecast, 2017-2023
5.3.2 Market Estimates & Forecast by Region, 2017-2023
5.3 Others
5.3.1 Market Estimates & Forecast, 2017-2023
5.3.2 Market Estimates & Forecast by Region, 2017-2023

6 Global Flat Glass Market, By Technology
6.1 Introduction
6.2 Float
6.2.1 Market Estimates & Forecast, 2017-2023
6.2.2 Market Estimates & Forecast by Region, 2017-2023
6.3 Rolled
6.3.1 Market Estimates & Forecast, 2017-2023
6.3.2 Market Estimates & Forecast by Region, 2017-2023
6.4 Sheet
6.4.1 Market Estimates & Forecast, 2017-2023
6.4.2 Market Estimates & Forecast by Region, 2017-2023

7 Global Flat Glass Market, By Application
7.1 Introduction
7.2 Construction & Infrastructure
7.2.1 Market Estimates & Forecast, 2017-2023
7.2.2 Market Estimates & Forecast by Region, 2017-2023
7.3 Automotive & Transportation
7.3.1 Market Estimates & Forecast, 2017-2023
7.3.2 Market Estimates & Forecast by Region, 2017-2023
7.4 Others
7.4.1 Market Estimates & Forecast, 2017-2023
7.4.2 Market Estimates & Forecast by Region, 2017-2023

8 Global Flat Glass Market, By Region
8.1 Introduction

8.2 North America
  8.2.1 Market Estimates & Forecast, 2017-2023
  8.2.2 Market Estimates & Forecast by Product, 2017-2023
  8.2.3 Market Estimates & Forecast by Technology, 2017-2023
  8.2.4 Market Estimates & Forecast by Application, 2017-2023
  8.2.5 The U.S
    8.2.5.1 Market Estimates & Forecast, 2017-2023
    8.2.5.2 Market Estimates & Forecast by Product, 2017-2023
    8.2.5.3 Market Estimates & Forecast by Technology, 2017-2023
    8.2.5.4 Market Estimates & Forecast by Application, 2017-2023
  8.2.6 Canada
    8.2.6.1 Market Estimates & Forecast, 2017-2023
    8.2.6.2 Market Estimates & Forecast by Product, 2017-2023
    8.2.6.3 Market Estimates & Forecast by Technology, 2017-2023
    8.2.6.4 Market Estimates & Forecast by Application, 2017-2023

8.3 Europe
  8.3.1 Market Estimates & Forecast, 2017-2023
  8.3.2 Market Estimates & Forecast by Product, 2017-2023
  8.3.3 Market Estimates & Forecast by Technology, 2017-2023
  8.3.4 Market Estimates & Forecast by Application, 2017-2023
  8.3.5 U.K
    8.3.5.1 Market Estimates & Forecast, 2017-2023
    8.3.5.2 Market Estimates & Forecast by Product, 2017-2023
    8.3.5.3 Market Estimates & Forecast by Technology, 2017-2023
    8.3.5.4 Market Estimates & Forecast by Application, 2017-2023
  8.3.6 Germany
    8.3.6.1 Market Estimates & Forecast, 2017-2023
    8.3.6.2 Market Estimates & Forecast by Product, 2017-2023
    8.3.6.3 Market Estimates & Forecast by Technology, 2017-2023
    8.3.6.4 Market Estimates & Forecast by Application, 2017-2023
  8.3.7 France
    8.3.7.1 Market Estimates & Forecast, 2017-2023
    8.3.7.2 Market Estimates & Forecast by Product, 2017-2023
    8.3.7.3 Market Estimates & Forecast by Technology, 2017-2023
    8.3.7.4 Market Estimates & Forecast by Application, 2017-2023
  8.3.8 Italy
    8.3.8.1 Market Estimates & Forecast, 2017-2023
    8.3.8.2 Market Estimates & Forecast by Product, 2017-2023
    8.3.8.3 Market Estimates & Forecast by Technology, 2017-2023
    8.3.8.4 Market Estimates & Forecast by Application, 2017-2023
  8.3.9 Rest of Europe
    8.3.9.1 Market Estimates & Forecast, 2017-2023
    8.3.9.2 Market Estimates & Forecast by Product, 2017-2023
    8.3.9.3 Market Estimates & Forecast by Technology, 2017-2023
    8.3.9.4 Market Estimates & Forecast by Application, 2017-2023

8.4 Asia Pacific
  8.4.1 Market Estimates & Forecast, 2017-2023
8.4.2 Market Estimates & Forecast by Product, 2017-2023
8.4.3 Market Estimates & Forecast by Technology, 2017-2023
8.4.4 Market Estimates & Forecast by Application, 2017-2023
8.4.5 China
8.4.5.1 Market Estimates & Forecast, 2017-2023
8.4.5.2 Market Estimates & Forecast by Product, 2017-2023
8.4.5.3 Market Estimates & Forecast by Technology, 2017-2023
8.4.5.4 Market Estimates & Forecast by Application, 2017-2023
8.4.6 Japan
8.4.6.1 Market Estimates & Forecast, 2017-2023
8.4.6.2 Market Estimates & Forecast by Product, 2017-2023
8.4.6.3 Market Estimates & Forecast by Technology, 2017-2023
8.4.6.4 Market Estimates & Forecast by Application, 2017-2023
8.4.7 India
8.4.7.1 Market Estimates & Forecast, 2017-2023
8.4.7.2 Market Estimates & Forecast by Product, 2017-2023
8.4.7.3 Market Estimates & Forecast by Technology, 2017-2023
8.4.7.4 Market Estimates & Forecast by Application, 2017-2023
8.4.8 Rest of Asia Pacific
8.4.8.1 Market Estimates & Forecast, 2017-2023
8.4.8.2 Market Estimates & Forecast by Product, 2017-2023
8.4.8.3 Market Estimates & Forecast by Technology, 2017-2023
8.4.8.4 Market Estimates & Forecast by Application, 2017-2023
8.5 Rest of the World
8.5.1 Market Estimates & Forecast, 2017-2023
8.5.2 Market Estimates & Forecast by Product, 2017-2023
8.5.3 Market Estimates & Forecast by Technology, 2017-2023
8.5.4 Market Estimates & Forecast by Application, 2017-2023

9 Competitive Landscape

10 Company Profile
10.1 Asahi Glass (Japan)
10.1.1 Company Overview
10.1.2 Products/Services Offering
10.1.3 Financial Overview
10.1.4 Key Developments
10.1.5 Strategy
10.1.6 SWOT Analysis
10.2 Saint-Gobain S.A. (France)
10.2.1 Company Overview
10.2.2 Products/Services Offering
10.2.3 Financial Overview
10.2.4 Key Developments
10.2.5 Strategy
10.2.6 SWOT Analysis
10.3 Nippon Sheet Glass (Japan)
10.3.1 Company Overview
10.3.2 Products/Services Offering
10.3.3 Financial Overview
Table 1 Global Flat Glass Market: By Region, 2017-2023
Table 2 North America Flat Glass Market: By Country, 2017-2023
Table 3 Europe Flat Glass Market: By Country, 2017-2023
Table 4 Asia-Pacific Flat Glass Market: By Country, 2017-2023
Table 5 RoW Flat Glass Market: By Country, 2017-2023
Table 6 Global Flat Glass Market by Product, By Regions, 2017-2023
Table 7 North America Flat Glass Market by Product, By Country, 2017-2023
Table 8 Europe Flat Glass Market, by Product, By Country, 2017-2023
Table 9 Asia-Pacific Flat Glass Market by Product, By Country, 2017-2023
Table 10 RoW Flat Glass Market by Product, By Country, 2017-2023
Table 11 Global Flat Glass by Technology Market: By Regions, 2017-2023
Table 12 North America Flat Glass Market by Technology: By Country, 2017-2023
Table 13 Europe Flat Glass Market by Technology: By Country, 2017-2023
Table 14 Asia Pacific Flat Glass Market by Technology: By Country, 2017-2023
Table 15 RoW Flat Glass Market by Technology: By Country, 2017-2023
Table 16 Global Flat Glass Market by Application, By Regions, 2017-2023
Table 17 North America Flat Glass Market by Application, By Country, 2017-2023
Table 18 Europe Flat Glass Market by Application, By Country, 2017-2023
Table 19 Asia Pacific Flat Glass Market by Application, By Country, 2017-2023
Table 20 RoW Flat Glass Market by Application, By Country, 2017-2023
Table 21 Global Product Market: By Region, 2017-2023
Table 22 Global Technology Market: By Region, 2017-2023
Table 23 Global Application Market: By Region, 2017-2023
Table 24 North America Flat Glass Market By Country
Table 25 North America Flat Glass Market By Product
Table 26 North America Flat Glass Market By Technology
Table 27 North America Flat Glass Market By Application
Table 28 Europe: Flat Glass Market By Country
Table 29 Europe: Flat Glass Market By Product
Table 30 Europe: Flat Glass Market By Technology
Table 31 Europe: Flat Glass Market By Application
Table 32 Asia-Pacific: Flat Glass Market By Country
Table 33 Asia-Pacific: Flat Glass Market By Product
Table 34 Asia-Pacific: Flat Glass Market By Technology
Table 35 Asia-Pacific: Flat Glass Market By Application
Table 36 RoW: Flat Glass Market By Region
Table 37 RoW Flat Glass Market By Product
Table 38 RoW Flat Glass Market By Technology
Table 39 RoW Flat Glass Market By Application

List of Figures

FIGURE 1 RESEARCH PROCESS OF MRFR
FIGURE 2 TOP DOWN & BOTTOM UP APPROACH
FIGURE 3 Market Dynamics
FIGURE 4 impact analysis: market drivers
FIGURE 5 impact analysis: market restraints
FIGURE 6 Porter’s five forces analysis
FIGURE 7 Value chain analysis
FIGURE 8 GLOBAL Flat Glass MARKET SHARE, BY Raw Material, 2016 (%)
FIGURE 9 GLOBAL Flat Glass Market BY Product , 2015-2023 (USD MILLION)
FIGURE 10 GLOBAL Flat Glass MARKET SHARE, BY Application, 2016 (%)
FIGURE 11 GLOBAL Flat Glass Market BY Application , 2015-2023 (USD MILLION)
FIGURE 12 GLOBAL Flat Glass MARKET SHARE (%), BY REGION, 2016
FIGURE 13 GLOBAL Flat Glass Market BY Application , 2015-2023 (USD MILLION)
FIGURE 14 North America Flat Glass MARKET SHARE (%), 2016
FIGURE 15 North America Flat Glass MARKET BY Country, 2015-2023 (USD MILLION)
FIGURE 16 Europe Flat Glass MARKET SHARE (%), 2016
FIGURE 17 Europe Flat Glass MARKET BY Country, 2015-2023 (USD MILLION)
FIGURE 18 Asia-Pacific Flat Glass Market SHARE (%), 2016
FIGURE 19 Asia-Pacific Flat Glass Market BY Country, 2015-2023 (USD MILLION)
FIGURE 20 Rest of the World Flat Glass MARKET SHARE (%), 2016
FIGURE 21 Rest of the World Flat Glass MARKET BY Country, 2015-2023 (USD MILLION)