

Global Flat Glass Market Report: 2013 Edition

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Abstracts

Glass is a non-crystalline solid but brittle material, chiefly made up of about 75% silica (SiO₂), Na₂O, CaO. Glass is a component crucial to scientific as well as numerous industrial sectors. Its chemical, physical, and optical properties, in particular, make it suitable for applications as/in flat glass, container glass, optics and optoelectronics material, laboratory equipment, thermal insulator (glass wool), reinforcement fiber (glass-reinforced plastic, glass fiber reinforced concrete), and glass art (art glass, studio glass). Primarily, the glass industry is divided into four market segments in: Hollow Glass, Flat Glass, Fiber Glass and Special Glass.

This report is starkly focused on the flat glass segment of the overall glass industry. Flat glass is also termed as sheet glass or plate glass. The very variety of glass, initially, is produced in plane form, which is later on bent or curved as per the requirement. Float process remains the most widely used method for the production of flat glass, as over 90% of the flat glass worldwide is made through this process. Flat glass is majorly used in construction; interior furnishing and decoration; automotive; and transportation industries. Flat glass applications have not only revolutionized the energy conservation realm but they also proved to be essential element in various products and processes in the field of energy and other industries.

This report provides an in-depth analysis of the global flat glass market including N. America, S. America, Europe, Russia, and China. The umbrella market i.e. the worldwide glass market is also elicited. Furthermore, market dynamics such as the industry trends and development; and growth driver are also added herein. The global flat glass market is fiercely competitive and is reined by a handful of international player such as AGC Group, Saint Gobin, Guardian and NSG Group among others. The market contention scenario along with the profiles of leading industry players is also included in this report.

By combining SPSS Inc.'s data integration and analysis capabilities with our relevant findings, we have predicted the future growth of the industry. We employed various significant variables that have an impact on this industry and created regression models with SPSS Base to determine the future direction of the industry. Before deploying the regression model, the relationship between several independent or predictor variables and the dependent variable was analyzed using standard SPSS output, including charts, tables and tests.

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