

# **Silicone Structural Glazing Market by Type (Four-Sided Structural, Two-Sided Structural, Total Vision Systems), Material (Aluminum Structural Framing, Glass Panel, Silicone Sealant), End Use (Commercial, Public), and Region - Global Forecast to 2022**

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## **Abstracts**

“Silicone structural glazing market is projected to grow at a CAGR of 8.90% during the forecast period.”

The silicone structural glazing market is projected to grow at a CAGR of 8.90% from 2017, to reach USD 43.95 billion by 2022. The silicone structural glazing market is witnessing considerable growth due to advancements in technology and the rising demand for advanced facade systems. The growth of the commercial, public, and residential buildings sectors, along with the rising need for green buildings are the key factors fueling the growth of the silicone structural glazing market. The market has opportunities owing to the increase in R&D activities by companies to reduce costs and improve the quality of glass and other raw materials and the rise in investments in the building & construction sector, which will drive the demand for glass facade systems. In contrast, factors such as government regulations for carbon emissions and high capital investments required restrain the growth of the market.

“The commercial sector is projected to dominate the silicone structural glazing market through 2022.”

The commercial sector dominated the market in 2016 and is projected to be the fastest-growing end-use sector over the next five years, as a result of the rising demand for glass facade systems along with growing need for green buildings. The newly developed advanced glass demand additional improvements in facade technologies

and successfully installation, which will, in turn, drive the silicone structural glazing market growth through the sector.

“The Asia Pacific silicone structural glazing market is projected to be the fastest-growing during the forecast period.”

Asia Pacific is projected to be the fastest-growing market for silicone structural glazing, in terms of value and volume, followed by Europe, the Middle East & Africa, and North America. The growth in the Asia Pacific market is attributed to the increase in usage of silicone structural glazing in end-use sectors such as commercial, public, and residential buildings. China is projected to be the fastest-growing country-level market in the region for silicone structural glazing. The growth in the building & construction industry coupled with the rising need for green buildings has resulted in the rise in demand for silicone structural glazing in the region.

#### Breakdown of Primaries

Primary interviews were conducted with a number of industry experts in order to collect data related to different aspects of the silicone structural glazing market. Estimates reached after analyzing secondary sources were validated through these interviews. Primary sources included manufacturers, distributors, consultants, and academic professionals. The distribution of primary interviews is as follows:

By Company Type: Tier 1 – 35%, Tier 2 – 30%, and Tier 3 – 35%

By Designation: Manager Level – 39%, and Director Level – 61%

By Region: Asia-Pacific – 51%, Europe – 21%, North America – 15%, Middle East & Africa – 8%, and South America – 5%

Note: Tier 1: Revenue USD 5 billion, Tier 2: Revenue USD 5 billion, Tier 3: Revenue USD 2 billion

The various key players profiled in the report are as follows:

1. Nippon Sheet Glass Co. Ltd. (Japan)
2. Asahi Glass Co., Ltd (Japan)
3. PPG Industries, Inc. (US)
4. Arkema SA (France)

5. Saint-Gobain S.A. (France)
6. Sika AG (Switzerland)
7. Dow Chemical Company (US)
8. 3M Company (US)
9. YKK Corporation (Japan)
10. Permasteelisa S.p.A. (Italy)

## Research Coverage

The segmentation considered for this report is based on type, material, end use, and region, which constitute the key markets. The report covers detailed information regarding the major factors influencing the growth of the silicone structural glazing market such as drivers, restraints, challenges, and opportunities. A detailed analysis of the key industry players has been done to provide insights into their business overview, products & services, key strategies, and recent developments associated with the silicone structural glazing market.

## Reasons to buy the report

The report will help the market leaders/new entrants in this market in the following ways:

1. This report segments the silicone structural glazing market comprehensively and provides the closest approximations of the revenue numbers for the overall market and the subsegments across the different verticals and regions.
2. The report helps stakeholders to understand the market and provides information about the key market drivers, restraints, opportunities, and challenges.
3. This report will help stakeholders to better understand their competitors and gain more insights with regard to their position in the business. The company profiles section includes strategies adopted by silicone structural glazing manufacturers such as new product launches, acquisitions, and expansions & investments

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