

# Global Low-E Glass Market: Asia Offers Potential Opportunities

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## Abstracts

Low Emissivity (Low-E) glass is a type of insulating glass, which increases the energy efficiency of windows by reducing the transfer of heat or cold through glass. That means that the house stays warmer in winters and cooler in summers. Widely used in windows, doors and sunrooms for residential segment and in glazing for commercial segment, Low-e glass market accounts for approximately two-fifth of insulating glass market. The global production of low-e glass has been increasing on the back of growing demand from both the residential and commercial sectors. Residential sector accounts for a maximum share in low-E glass market within which doors and windows hold almost equal shares.

Globally utilization rate of low-E glass is highest in the US followed by Europe. In Europe, low-e glass market has almost doubled in terms of volume over the period 2005-2009 due to compulsory energy efficiency regulations and standards. The utilization rate of low-E glass in 2009 was highest in Germany followed by the UK, France and Italy. Most of the Asian regions are untapped; therefore the Asian market provides tremendous growth opportunities. South Korea is the most developed market among the Asian countries in terms of consumption of low-E glass.

Another important aspect covered in this report is commercial glazing market. Low-E glass penetration in commercial glazing witnessed a consistent rise over 2000-2009 due to growing environmental concerns globally and the resultant emphasis on the construction of energy efficient buildings. Triple glazing is also gaining importance in construction due to recent regulatory changes in many countries. Low-E glass manufacturers are fragmented with major players operating in this industry include Guardian Industries, Saint-Gobain, Asahi Group.

The report titled “Global Low-E Glass Market: Asia Offers Potential Opportunities” covers the overview, classification, market size and segmentation of the global low-E glass market. The report analyzes the residential low-E glass market of major European countries like Germany, the UK, France and Italy. Asian Markets like Japan, South Korea and India are comprehensively covered in the report. The various drivers and the challenges faced by the market and competitive aspect of the market are also highlighted in the report. The report also provides a special coverage of the global commercial glazing market.

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