

Glazed Fire Doors Market: Current Analysis and Forecast (2025-2033)

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Abstracts

The Glazed Fire Doors Market is witnessing a steady growth rate of 5.38% within the forecast period (2025- 2033F). Glazed fire doors are considered one of the best and most viable solutions within the construction industry due to their balancing of fire safety and aesthetics. These doors constitute a fire-resistant glass put in within a rated frame and provide vital compartmentalization to avoid fire spread by allowing natural light and visibility, a significant short-sighted advantage of solid fire doors. The growing stringent building codes, increasing urbanization, and the demand for safe and attractive designs in commercial and high-end residential buildings are pushing the demand for glazed fire doors. The advent of fire-resistant glass technologies (ceramic, tempered glass, etc.) and lightweight framing materials (aluminum and steel composites) provides glazed fire doors with much more durability, cost-effectiveness, and flexibility for modern construction applications. Governments all over the world are tightening fire safety regulations, adding more and more pressure for adoption. The revised Construction Products Regulation (CPR) of the EU will require increased fire resistance in public buildings, while the U.S. International Building Code (IBC) 2024 will include express requirements for fire-rated glazing in schools and hospitals. Construction in countries like China and India also imposes stringent fire door standards, which drive the market.

Based on type, the glazed fire doors market is segmented into Short-Term Fire Protection and Long-Lasting Fireproof. In 2024, the Short-Term Fire Protection market dominated the market and is expected to maintain its leading position throughout the forecast period. These doors have laid down low-priced solutions for passive fire safety for most of the fire safety codes in commercial and residential buildings, which approximately demand 30-60 minutes of fire ratings for occupancy. Commercial and residential building codes such as NFPA 80 in the U.S. and EN16034 in Europe require 30-60-minute fire resistance for

standard occupancy applications such as offices, schools, and mid-rise apartments has accelerated the demand for the segment. Additionally, the growing acceptance in office buildings/schools/mid-rise apartments and being sold at 20-40% less cost than more durable alternatives has kept these doors as market leaders. Furthermore, the short-term fire-rated glazed doors are also much easier to install, using lighter framing materials (aluminum, steel composites) as compared to the time-consuming 120 minutes. The increasing stringency of fire safety regulations has been a major driving force for glazed fire doors, providing essential fire protection along with aesthetic considerations in urban construction projects.

Based on applications, the glazed fire doors market is segmented into Commercial Buildings and Residential Buildings. The Commercial Buildings category held the largest market share in 2024. The primary factors that contributed to the growth in this segment include stringent fire safety regulations and heightened public demand for aesthetically pleasing, acceptable safety solutions for areas of high public traffic. As building safety codes become more stringent globally, developers and architects are likely to move toward glazed fire doors, as modern designs have begun to be incorporated in the generally iconic elements of fire protection. For example, the One Vanderbilt skyscraper, which was recently constructed in 2023, New York City has been fitted with more than 500 customized-glazed fire doors throughout its 93 floors, a clear indication that these solutions are now being embraced in high-end commercial projects. Improvements in the technology of fire-resistant glass and framing systems have rendered glazed fire doors more maintainable and, therefore, less costly for large-scale commercial applications. Moreover, this further enhances the dominant nature of the commercial sector with compulsory fire safety upgrades for buildings already in existence.

For a better understanding of the market of the glazed fire doors market, the market is analyzed based on its worldwide presence in countries such as North America (The US, Canada, and Rest of North America), Europe (Germany, The UK, France, Italy, Spain, Rest of Europe), Asia-Pacific (China, Japan, India, Rest of Asia-Pacific), Rest of World. The Asia-Pacific glazed fire doors market dominated the global industry in 2024 and is projected to maintain its leading position throughout the forecast period. The rapid phase of urbanization and the imposition of modern fire safety provisions are driving demand in the Asia-Pacific market. Countries like China and India have become the most important specified demand markets because of enormous infrastructure developments,

along with the establishment of strict codes of practice for buildings that require fire-rated door installations. The rate of adoption in commercial buildings and high-rise residential constructions accelerated the demand for glazed fire doors after the amendment in China's Fire Protection Law (2023) and India's National Building Code 2016 laws. Additionally, the region is considered to have strong manufacturing capabilities, with almost 40% of the fire-resistant glass component manufacturing globally done only in China. This ecosystem allows local manufacturing to offer cost-competitive solutions that are equipped with tailored technical expertise suitable for a price-sensitive but quality-driven market like Asia. Major projects such as the mega Tuas Port of Singapore and Coastal Road development in Mumbai are fitted with advanced glass fire door systems, which have testified to technological adoption in the region. The construction industry of the Asia-Pacific region alone is set to grow at nearly double the global average rate, keeping pace with the outlook of the region to remain the same in the market for glazed fire doors. Such a combination of regulatory mandates, urban development initiatives, and local manufacturing advantages further consolidates the position of the Asia-Pacific as the growth of this industry up to 2033.

Some of the major players operating in the market include Technical Glass Products (Allegion), ASSA ABLOY, GEZE India Private Ltd., Leeds Plywood & Doors Ltd., J C Fire Door, Vetrotech Saint-Gobain International AG, PM-Mendes LTD, Deanta Wood Products, XL Joinery Limited, and Climadoor Ltd.

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