

Fireproof Insulated Glass Door Market Anticipated to Grow at 8.9% CAGR Through 2029: Industry Report

The Business Research Company's Fireproof Insulated Glass Door Global Market Report 2025 - Market Size, Trends, And Global Forecast 2025-2034

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How Big Is The Fireproof Insulated Glass Door Market In 2025?

The market for fireproof insulated glass doors has seen robust growth in the past years. It is



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projected to expand from \$1.47 billion in 2024 to \$1.60 billion in 2025, representing a compound annual growth rate (CAGR) of 9.3%. This historical period of growth can be credited to the escalating preference for passive fire protection systems, heightened investment in airport infrastructure, growing consciousness about material resilience following fire incidents, increased incorporation of glass doors in industrial premises, and the rise in usage of fire-rated solutions for restoring heritage buildings.

A significant upswing is projected for the fireproof insulated glass door market in the upcoming years, with

potential growth to \$2.26 billion by 2029, reflecting a compound annual growth rate (CAGR) of 8.9%. The anticipated growth for the forecast period is primarily due to increased demands for smart, integrated fire doors, innovative interlayer technologies, an escalating focus on low-emission production methods, the rising adoption of modular building systems, and heightened government expenditure on health care and public infrastructure. Emerging trends expected within this period involve improvements in multi-layer glazing systems, state-of-the-art acoustic-fire hybrid insulation designs, advancements in fire-resistant glass composites that are

recyclable, groundbreaking frameless fireproof glass door designs, and sophisticated nanocoating methods for enhanced fire resistance.

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What Are The Key Driving Factors For <u>The Growth Of The Fireproof Insulated Glass Door</u> Market?

The fireproof insulated glass door market is poised for growth, driven by the surge in construction activities. This essentially includes the development of residential, commercial, and industrial infrastructure. With urbanization on the rise, construction needs are escalating to cope with expanding populations that require more infrastructure. Fireproof insulated glass doors play a key role in construction safety, offering critical fire resistance, minimizing heat transfer, curtailing the spread of fire and smoke, enhancing thermal insulation, and contributing to the aesthetic value of buildings. For example, the Office for National Statistics in the UK reported in February 2023 that there was an annual increase of 5.6% in construction output in 2022 as compared to 2021, succeeding a record increase of 12.8% in 2021. Thus, mounting construction activities are fueling the growth of the fireproof insulated glass door market.

Who Are The Key Players In The Fireproof Insulated Glass Door Industry? Major players in the Fireproof Insulated Glass Door Global Market Report 2025 include:

- Compagnie de Saint-Gobain S.A.
- AGC Inc.
- ASSA ABLOY AB
- Nippon Sheet Glass Co. Ltd.
- KCC Corporation
- Schott AG
- Technical Glass Products Inc.
- Promat International N.V.
- Alufire Sp. z o.o.
- Pilkington Group Limited

What Are The Upcoming Trends Of Fireproof Insulated Glass Door Market In The Globe? Leading businesses in the fireproof insulated glass door market are honing their focus on product innovation, particularly towards the incorporation of single chamber foaming interlayer. The intent is to amplify fire resistance qualities, lighten the weight, enhance light permeability, and decrease the embodied carbon in glazing systems. Essentially, a single-chamber foaming interlayer functions as a fire-resistant gel or intumescent layer within glass. During a fire outbreak, this interlayer expands into foam, effectively forming a heat and flame-resistant barrier. To illustrate, Vetrotech Saint-Gobain, a Swiss-based manufacturer specializing in high-grade fire-resistant and safety glass, unveiled Contraflam One in March 2024. This cutting-edge, single-chamber fire-resistant glass solution offers up to 120 minutes of intricate integrity and

insulation (EI120) shield. Contraflam One boasts an elegantly slim build, superior clarity, and light permeability, all while upholding high safety standards. It has been crafted to streamline installation and handling, curb embodied carbon, and champion sustainable building design without any compromise on fire safety measures.

What Segments Are Covered In The Fireproof Insulated Glass Door Market Report? The fireproof insulated glass door market covered in this report is segmented –

- 1) By Product Type: Single Glazed Fireproof Insulated Glass Doors, Double Glazed Fireproof Insulated Glass Doors, Triple Glazed Fireproof Insulated Glass Doors, Customized Fireproof Insulated Glass Doors
- 2) By Performance Standards: Fire Resistance Rating, Thermal Performance Standards, Acoustic Performance Standards, Impact Resistance Standards
- 3) By Distribution Channel: Direct Sales, Distributors, Online Sales
- 4) By Application: Residential Buildings, Commercial Buildings, Industrial Facilities, Public Infrastructure
- 5) By End-User: Construction, Automotive, Marine, Aerospace, Other End Users

Subsegments:

- 1) Single Glazed Fireproof Insulated Glass Doors: Clear Single Glazed, Frosted Single Glazed, Wired Single Glazed, Laminated Single Glazed
- 2) Double Glazed Fireproof Insulated Glass Doors: Air-Filled Double Glazed, Argon-Filled Double Glazed, Low-E Coated Double Glazed, Reflective Double Glazed
- 3) Triple Glazed Fireproof Insulated Glass Doors: Argon-Filled Triple Glazed, Krypton-Filled Triple Glazed, Low-E Triple Glazed, Vacuum-Insulated Triple Glazed
- 4) Customized Fireproof Insulated Glass Doors: Decorative Patterned Glass, Bullet-Resistant Fireproof Glass, Smart Glass, Size-Specific Custom Builds

View the full fireproof insulated glass door market report:

https://www.thebusinessresearchcompany.com/report/fireproof-insulated-glass-door-global-market-report

Which Region Is Expected To Lead The Fireproof Insulated Glass Door Market By 2025? In the 2025 Fireproof Insulated Glass Door Global Market Report, North America was identified as the largest market player. In contrast, the most rapid growth is anticipated to come from the Asia-Pacific region. The report provides coverage on all the key regions, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East and Africa.

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