

High Pressure Fireproof Board Market Trends 2025-2029: Regional Outlook and Sizing Analysis

The Business Research Company's High Pressure Fireproof Board Global Market Report 2025 – Market Size, Trends, And Global Forecast 2025-2034

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High Pressure Fireproof Board Market Growth Forecast: What To Expect By 2025?

The market size of the high pressure fireproof board has seen impressive growth in the past years. A surge from \$1.46 billion in 2024 up to \$1.58 billion in 2025 is expected, with a compound annual growth rate (CAGR) of 8.5%. This significant growth during the historical period can be ascribed to the escalating demand for passive fire protection systems, a rise in reconstruction and renovation activities, the expansion of green building standards, enhanced demand arising from modular and prefabricated construction, and an increased emphasis on workplace safety.

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In the forthcoming years, the high pressure fireproof board

market is poised for substantial growth, with the market size predicted to rise to \$2.16 billion by 2029 at a compound annual growth rate (CAGR) of 8.1%. The elevated growth during the forecast period is due primarily to the escalating demand for fire-resistant building materials, heightened consciousness about fire safety rules, increased funding towards infrastructure creation, the intensified utilization of fireproof boards in industrial production, and the growing acceptance of high-performance materials. The forecast period is likely to witness trends such as the progress in composite material technology, enhancements in high-pressure lamination methods,

improvement in fire-retardant additives, inclusion of digital manufacturing strategies, and advancements in surface coating techniques.

Download a free sample of the high pressure fireproof board market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=27038&type=smp>

What Are Key Factors Driving The Demand In The Global High Pressure Fireproof Board Market?

The high-pressure fireproof board market is forecasted to expand, propelled by an upsurge in residential construction activities. These activities encompass building, upgrading, and expanding residential structures like houses, apartments, and other housing complexes. As income levels rise, more people can afford to buy homes, contributing to the growth of residential construction projects. High-pressure fireproof boards provide a vital fire-resistant layer in the construction process, adding to the safety of residents and properties. For instance, a report from the Census Bureau revealed in June 2025 that in May, the annual rate of privately owned housing completions was 1,526,000, an increase of 5.4% from the revised April total of 1,448,000, reflecting the increasing residential construction activities propelling the market for high-pressure fireproof boards. The growth of the high-pressure fireproof board market is also driven by the escalating incidences of fire-related disasters, leading to a heightened demand for fire-resistant construction solutions. These disasters, characterized by uncontrollable fires causing wide-scale damage to property, threats to human life, and environmental harm, are increasingly prevalent due to climate change effects like extreme heat and long-drawn dry conditions. These conditions escalate the propensity for fires to ignite and spread rapidly. In such situations, high-pressure fireproof boards serve as heat-resistant obstructions, slowing down the fire's progression, reducing structural damage, and allowing precious time for orderly evacuation and emergency response. For example, the Fire Administration highlighted in April 2025 that there were 4,446 fire-related fatalities reported in 2022, marking an increase from the 4,316 cases reported in 2021. Hence, the frequency and severity of fire-related disasters are augmenting the growth of the high-pressure fireproof board market.

Who Are The Leading Players In The High Pressure Fireproof Board Market?

Major players in the High Pressure Fireproof Board Global Market Report 2025 include:

- James Hardie Industries plc.
- ROCKWOOL Group
- USG Corporation
- Knauf Insulation GmbH
- Nichias Corporation
- HIL Limited
- Greenlam Industries Ltd.
- Everest Industries Ltd.
- Ramco Industries Ltd.
- Fermacell GmbH

What Are The Prominent Trends In The High Pressure Fireproof Board Market?

Major corporations in the high-pressure fireproof board industry are concentrating on creating cutting-edge advancements like fiberglass-reinforced plastics to enhance thermal insulating properties and fire resistance capabilities. Fiberglass-reinforced plastics are robust and lightweight composites that merge glass fibers with a plastic base, providing durability and resistance to both impact and corrosion. In January 2025, Crane Composites Inc., a US-based manufacturing firm, introduced GLASBOND, a fiberglass-reinforced fireproof board. This product features an innovative peel-and-stick FRP wall panel system that can be installed up to 60% faster than traditional techniques and results in considerable labor and cost reduction. Its primary goal is to offer an easy-to-maintain, cleaner, and more sanitary wall solution for stringent commercial settings, including food processing, healthcare, and hospitality.

Analysis Of Major Segments Driving The [High Pressure Fireproof Board Market Growth](#)

The high pressure fireproof board market covered in this report is segmented –

- 1) By Type: Glass, Fiberglass, Medium Density Fiberboard, Resin, Melamine, Other Types
- 2) By Distribution Channel: Direct Sales, Distributors, Online Sales
- 3) By Application: Fire Walls, Ceilings, Partitions, Doors, Floors
- 4) By End-User Industries: Construction, Aerospace, Marine, Automotive, Industrial Manufacturing

Subsegments:

- 1) By Glass: Tempered Glass, Laminated Fire-Resistant Glass, Wired Glass
- 2) By Fiberglass: Woven Roving, Continuous Filament Mat, Chopped Strand Mat
- 3) By Medium Density Fiberboard: Moisture-Resistant Medium Density Fiberboard, Exterior Grade Medium Density Fiberboard, Fire-Retardant Medium Density Fiberboard
- 4) By Resin: Phenolic Resin, Urea-Formaldehyde Resin, Epoxy Resin
- 5) By Melamine: Melamine Formaldehyde, Melamine Laminates, Melamine Coated Panels
- 6) By Other Types: Cement Board, Gypsum Board, Calcium Silicate Board

View the full high pressure fireproof board market report:

<https://www.thebusinessresearchcompany.com/report/high-pressure-fireproof-board-global-market-report>

Which Region Is Expected To Lead The High Pressure Fireproof Board Market By 2025?

The High Pressure Fireproof Board Global Market Report 2025 identifies Asia-Pacific as the leading region for the given year, with the region also predicted to experience the most rapid growth in the forecast period. The report offers comprehensive coverage of various regions, including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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