

# Global Fire-resistant Building Materials Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Fire-resistant Building Materials market size is expected to reach \$ 91424 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

In 2025, global production capacity of fire-resistant building materials reached approximately 2.45 billion square meters, with actual output of about 2.09 billion square meters. The average market price was around USD 28 per square meter. Gross margins generally ranged from 20% to 35%, influenced by raw material costs, certification requirements, and product fire-rating performance. Fire-resistant building materials refer to construction materials designed to resist ignition, limit flame spread, reduce heat release, and maintain structural integrity for a specified period during a fire. These materials are essential for improving building fire safety and evacuation time, and are widely used in structural components, interior finishes, insulation systems, and passive fire protection assemblies.

Upstream includes cement, gypsum, mineral wool, glass fiber, calcium silicate, steel, aluminum, and fire-retardant additives. Midstream focuses on material formulation, panel and board manufacturing, composite processing, fire testing, and certification. Downstream applications cover residential buildings, commercial complexes, industrial facilities, transportation infrastructure, and public buildings, with demand closely linked to construction activity and fire safety regulations.

The fire-resistant building materials market is strongly driven by tightening building codes, urbanization, and heightened awareness of fire safety risks. Governments worldwide continue to upgrade fire protection standards for high-rise buildings, public facilities, and industrial structures, directly expanding demand for certified fire-resistant

materials. In parallel, the trend toward green buildings and sustainable construction is encouraging the development of non-toxic, low-smoke, and environmentally friendly fire-resistant solutions. While traditional materials such as gypsum boards and mineral wool remain mainstream, higher-performance composites and integrated passive fire protection systems are gaining market share. Overall, the market shows stable mid-to-high single-digit growth, with value increasingly concentrated in high-rating, system-level, and compliance-driven products.

This report studies the global Fire-resistant Building Materials production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Fire-resistant Building Materials and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Fire-resistant Building Materials that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Fire-resistant Building Materials total production and demand, 2021-2032, (K Sqm)

Global Fire-resistant Building Materials total production value, 2021-2032, (USD Million)

Global Fire-resistant Building Materials production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm), (based on production site)

Global Fire-resistant Building Materials consumption by region & country, CAGR, 2021-2032 & (K Sqm)

U.S. VS China: Fire-resistant Building Materials domestic production, consumption, key domestic manufacturers and share

Global Fire-resistant Building Materials production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Sqm)

Global Fire-resistant Building Materials production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

Global Fire-resistant Building Materials production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Sqm)

This report profiles key players in the global Fire-resistant Building Materials market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Rockwool Group, Saint-Gobain, Knauf Group, Owens Corning, USG Corporation, Kingspan Group, Etex Group, Promat

(Etex Group), BASF, 3M, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Fire-resistant Building Materials market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Sqm) and average price (US\$/Sq m) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### **Global Fire-resistant Building Materials Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### **Global Fire-resistant Building Materials Market, Segmentation by Type:**

Non-combustible materials

Limited-combustible materials

Flame-retardant materials

#### Global Fire-resistant Building Materials Market, Segmentation by Material Type:

Inorganic fire-resistant materials

Organic fire-retardant materials

#### Global Fire-resistant Building Materials Market, Segmentation by Application:

Industrial Buildings

Public Buildings

High-rise Buildings

Special Function Buildings

#### Companies Profiled:

Rockwool Group

Saint-Gobain

Knauf Group

Owens Corning

USG Corporation

Kingspan Group

Etex Group

Promat (Etex Group)

BASF

3M

Sika

Hilti

AkzoNobel

PPG Industries

Sherwin-Williams

Jotun

ASISE

Baiyun

Sichuan Tianfu Fireproof Material

CCJX

Aluco-bond

Alutile

Shandong Mengli

### **Key Questions Answered:**

1. How big is the global Fire-resistant Building Materials market?
2. What is the demand of the global Fire-resistant Building Materials market?
3. What is the year over year growth of the global Fire-resistant Building Materials market?
4. What is the production and production value of the global Fire-resistant Building

Materials market?

5. Who are the key producers in the global Fire-resistant Building Materials market?

6. What are the growth factors driving the market demand?

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