

# Fireproof Insulation Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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## Abstracts

The Global Fireproof Insulation Market was valued at USD 33.8 billion in 2023 and is expected to grow at a CAGR of 3.8% from 2024 to 2032. Rising environmental awareness pushes manufacturers to develop fireproof insulation solutions that balance performance with sustainability. Innovations in this field have led to the creation of eco-friendly materials that meet both safety and environmental standards. Moreover, retrofitting aging structures to comply with modern fire safety regulations is becoming increasingly common, fueling demand for fireproof insulation, particularly in residential and commercial renovation projects.

The market can be categorized by product type into rigid, flexible, spray, and other fireproof insulation options. The rigid fireproof insulation segment contributed around USD 12.5 billion in revenue in 2023 and is projected to grow at a CAGR of approximately 4% from 2024 to 2032. Made from materials like mineral wool, fiberglass, and calcium silicate, rigid insulation offers excellent fire resistance and durability. Its ability to withstand high temperatures for extended periods makes it a preferred choice in various applications, as it enhances safety by providing critical evacuation time during emergencies.

Based on end-use, the market is categorized into oil and gas, construction, automotive, aerospace, energy, and other industries. The construction sector accounted for about 43% of the market share in 2023 and is expected to grow at a CAGR of 4.1% during the forecast period. Rising awareness about fire safety drives demand for fireproof insulation in residential construction, particularly in regions prone to fire hazards. Property developers and homeowners increasingly prioritize materials that enhance building safety, accelerating the adoption of fireproof insulation in new and existing

structures.

In the United States, the fireproof insulation market was valued at USD 10.2 billion in 2023 and is projected to expand at a CAGR of 4.2% from 2024 to 2032. Strict building codes and safety standards are a significant factor driving market growth. Regulations such as the International Building Code (IBC) and guidelines from national safety organizations emphasize the use of fire-resistant materials in construction. Compliance with these codes is critical for developers, leading to increased adoption of advanced fireproof insulation across residential, commercial, and industrial projects.

## Contents

### Report Content

#### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations.
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid sources
    - 1.4.2.2 Public sources

#### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021-2032

#### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
  - 3.1.1 Factor affecting the value chain.
  - 3.1.2 Profit margin analysis.
  - 3.1.3 Disruptions
  - 3.1.4 Future outlook
  - 3.1.5 Manufacturers
  - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis.
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
  - 3.6.1 Growth drivers
    - 3.6.1.1 Rising construction activities
    - 3.6.1.2 Stringent building regulations
  - 3.6.2 Industry pitfalls & challenges
    - 3.6.2.1 High cost of fireproof insulation materials
- 3.7 Growth potential analysis

3.8 Porter's analysis

3.9 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2023**

4.1 Introduction

4.2 Company market share analysis

4.3 Competitive positioning matrix

4.4 Strategic outlook matrix

## **CHAPTER 5 MARKET ESTIMATES & FORECAST, BY PRODUCT TYPE, 2021-2032 (USD MILLION) (MILLION/SQUARE FEET)**

5.1 Key trends

5.2 Rigid fireproof insulation

5.3 Flexible fireproof insulation

5.4 Spray fireproof insulation

5.5 Others (board fireproof insulation, etc)

## **CHAPTER 6 MARKET ESTIMATES & FORECAST, BY MATERIAL, 2021-2032 (USD MILLION) (MILLION/SQUARE FEET)**

6.1 Key trends

6.2 Fiberglass

6.3 Mineral wool

6.4 Calcium silicate

6.5 Polyurethane foam

6.6 Cellulose

6.7 Others (aerogel, etc)

## **CHAPTER 7 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2032 (USD MILLION) (MILLION/SQUARE FEET)**

7.1 Key trends

7.2 Walls

7.3 Roofs

7.4 Floors

7.5 Pipes and ducts

7.6 Fire doors

## 7.7 Others (fireproof cladding, etc)

# **CHAPTER 8 MARKET ESTIMATES & FORECAST, BY END-USE, 2021-2032 (USD MILLION) (MILLION/SQUARE FEET)**

## 8.1 Key trends

## 8.2 Construction

## 8.3 Oil & gas

## 8.4 Automotive

## 8.5 Aerospace

## 8.6 Energy & power

## 8.7 Others (marine, etc)

# **CHAPTER 9 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD MILLION) (MILLION/SQUARE FEET)**

## 9.1 Key trends

## 9.2 North America

### 9.2.1 U.S.

### 9.2.2 Canada

## 9.3 Europe

### 9.3.1 UK

### 9.3.2 Germany

### 9.3.3 France

### 9.3.4 Italy

### 9.3.5 Spain

### 9.3.6 Russia

## 9.4 Asia Pacific

### 9.4.1 China

### 9.4.2 India

### 9.4.3 Japan

### 9.4.4 South Korea

### 9.4.5 Australia

## 9.5 Latin America

### 9.5.1 Brazil

### 9.5.2 Mexico

## 9.6 MEA

### 9.6.1 UAE

### 9.6.2 Saudi Arabia

### 9.6.3 South Africa

## **CHAPTER 10 COMPANY PROFILES**

10.1 Armacell

10.2 BASF

10.3 Fletcher Insulation

10.4 Huntsman International LLC

10.5 Isover (a division of Saint-Gobain)

10.6 Johns Manville

10.7 Kingspan Group

10.8 Knauf Insulation

10.9 Morgan Advanced Materials

10.10 Owens Corning

10.11 Pittsburg Corning

10.12 Promat International (Etex Group)

10.13 Rockwool International A/S

10.14 Saint-Gobain ISOVER

10.15 Thermafiber

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