

Canada Fire Rated Glass Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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Abstracts

Canada Fire Rated Glass Market was valued at USD 284.4 million in 2023 and is expected to expand at a CAGR of 6% from 2024 to 2032. The growing demand for fire-rated glass can be attributed to stricter building regulations requiring the inclusion of fire-resistant materials in both commercial and residential construction. Adhering to safety standards has become a crucial priority for developers and architects alike. The robust growth of the commercial construction sector, especially in urban environments, significantly drives the demand for fire-rated glass. This material is essential in various structures, as many existing buildings are undergoing renovations to comply with contemporary safety standards.

Furthermore, the increasing trend toward open and spacious designs often integrates large glass elements, highlighting the need for fire-rated options that ensure safety while enhancing visual appeal. In terms of glass type, the ceramic glass segment is noteworthy. It was valued at USD 122.2 million in 2023 and is projected to surpass USD 211.4 million by 2032. Ceramic glass is highly regarded for its superior fire-resistance properties and transparency, making it ideal for premium applications such as fire-rated doors and windows. Its aesthetic attributes make it particularly attractive for high-end constructions, where functionality and design play significant roles.

Additionally, ceramic glass can withstand high temperatures without fracturing, making it suitable for various environments exposed to heat. The commercial sector comprised approximately 63% of the fire-rated glass market in 2023. This is largely due to the stringent fire safety regulations that commercial buildings must adhere to, driving demand for different types of fire-rated glass in applications like doors, windows, and partitions. As businesses become increasingly aware of liability concerns and safety

standards, there is a growing trend of investing in fire-rated materials to protect assets and occupants. The rising demand for open, collaborative office environments further encourages the incorporation of fire-rated glass for partitions, ensuring that visibility and natural light are maintained while still meeting safety requirements

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 360° 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 Technological overview
- 3.5 Key news & initiatives
- 3.6 Regulatory landscape
- 3.7 Impact forces
 - 3.7.1 Growth drivers
 - 3.7.1.1 Building codes and regulations
 - 3.7.1.2 Safety and security concerns
 - 3.7.1.3 Technological advancements
 - 3.7.1.4 Commercial construction growth

- 3.7.2 Industry pitfalls & challenges
 - 3.7.2.1 High competition and market saturation
 - 3.7.2.2 Changing consumer preferences
- 3.8 Growth potential analysis
- 3.9 Porter's analysis
- 3.10 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 GLASS TYPE, 2021-2032 (USD MILLION) (MILLION UNITS)

- 5.1 Key trends
- 5.2 Wired glass
- 5.3 Ceramic glass
- 5.4 Tempered glass
- 5.5 Intumescent glass
- 5.6 Laminated glass
- 5.7 Others (fire-rated polycarbonate glass, coated glass, etc.)

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY END USE, 2021-2032 (USD MILLION) (MILLION UNITS)

- 6.1 Key trends
- 6.2 Residential
- 6.3 Commercial
- 6.4 Industrial

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD MILLION) (MILLION UNITS)

- 7.1 Key trends
- 7.2 British Columbia
- 7.3 Alberta

- 7.4 Saskatchewan
- 7.5 Manitoba
- 7.6 Rest of Canada

CHAPTER 8 COMPANY PROFILES

- 8.1 AGC Glass
- 8.2 Aluflam
- 8.3 Bendheim Glass
- 8.4 Can Glass
- 8.5 Fireglass
- 8.6 Guardian Glass
- 8.7 Interstate Glass
- 8.8 Kawneer
- 8.9 Masonite
- 8.10 Mira Window & Door
- 8.11 Nippon Sheet Glass
- 8.12 Ply Gem
- 8.13 Saint-Gobain
- 8.14 Wolverine Glass

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