

Fire-Rated Doors Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (Hinged Fire Doors, Sliding Fire Doors, Double Action Fire Doors, Folding Fire Doors, Others), By Fire Rating (Up to 30 Minutes, 30–60 Minutes, 60–90 Minutes, 90–120 Minutes, Above 120 Minutes), By End User (Residential, Commercial, Industrial, Institutional, Others), By Region, and By Competition, 2020-2030F

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Abstracts

Market Overview

The Global Fire-Rated Doors Market was valued at USD 48.51 Billion in 2024 and is expected to reach USD 62.18 Billion by 2030 with a CAGR of 4.07% during the forecast period.

The global fire-rated doors market is experiencing robust growth, driven by increasing awareness of fire safety, stricter building codes, and the growing demand for secure infrastructure across residential, commercial, and industrial sectors. Fire-rated doors are critical safety components designed to prevent the spread of fire and smoke between different compartments of a structure, allowing for safe evacuation and reducing property damage. With rising incidents of fire-related accidents worldwide, governments and regulatory authorities have enforced stringent safety regulations mandating the installation of fire-rated doors in buildings, thereby fueling market demand. In particular, the construction boom in emerging economies, coupled with rapid urbanization and the proliferation of high-rise buildings, has significantly contributed to the expansion of the

fire-rated doors market.

Material innovations and technological advancements have also played a vital role in shaping the competitive landscape. Manufacturers are focusing on lightweight yet high-strength materials like fire-resistant glass, composite doors, and steel to meet both functional and aesthetic requirements. The market offers various types of fire-rated doors such as hinged, sliding, rolling shutters, and flush glazed doors with different fire resistance durations ranging from 30 minutes to over 120 minutes. Among these, steel fire-rated doors are widely preferred in commercial and industrial settings for their durability and high fire-resistance levels, whereas wood and glass options are increasingly popular in residential and hospitality sectors for their design flexibility.

Key Market Drivers

Increasing Fire Safety Regulations and Building Codes

The rising stringency of fire safety standards and national building codes is a primary driver for the fire-rated doors market. Governments and regulatory bodies globally have enforced mandates that require fire-rated doors in commercial, residential, and industrial structures. For instance, the National Fire Protection Association (NFPA) in the U.S. mandates the installation of fire-rated doors under the NFPA 80 standard. In the European Union, EN 16034 governs fire resistance and smoke control of doors, mandating compliance for fire door manufacturers.

Over 70 countries now have mandatory fire safety codes that require fire-rated doors in multi-story buildings.

90% of commercial buildings in North America include at least one fire-rated door as part of compliance.

The EN 1634-1 test is now adopted in more than 25 European and Middle Eastern countries for fire-resistance classification.

In China, the 2022 “National Fire Protection Law” mandates fire door inspections for all high-rise buildings over 33 meters.

In India, the NBC 2016 (National Building Code) mandates fire doors in stairwells and corridors of all public and commercial buildings.

As cities expand vertically and occupancy densities rise, governments are becoming less tolerant of passive safety measures that fall short. This regulatory tightening is pushing architects, developers, and contractors to integrate certified fire-rated doors from the design stage itself, ensuring both legal compliance and enhanced occupant safety.

Key Market Challenges

High Cost of Certified Fire-Rated Doors and Installation

One of the primary challenges facing the global fire-rated doors market is the high cost associated with both product procurement and professional installation. Fire-rated doors must pass stringent testing requirements, often under certifications such as UL 10C, BS476, and EN 1634, which involves expensive quality assurance processes. This certification not only drives up manufacturing costs but also affects pricing in the end-user market. In many emerging economies, small developers and building owners opt for non-certified or counterfeit doors to reduce upfront costs, which undermines genuine product demand. Additionally, installation of fire-rated doors requires skilled labor to ensure compliance with sealant, frame fitting, and hinge tolerances, which further escalates costs. Mistakes in installation can void certification, resulting in non-compliance penalties. Thus, the financial burden often discourages broader market penetration, especially in low- and middle-income countries.

Key Market Trends

Rise in Retrofitting and Fire Safety Upgrades in Aging Buildings

In developed countries, there is a notable rise in retrofitting projects focused on upgrading fire safety systems in aging infrastructure. Older buildings, particularly those built before the 1990s, often lack fire-rated doors or have outdated systems that do not meet current standards. Governments in the U.S., UK, and parts of Europe have introduced compliance deadlines that are driving this retrofitting wave. For instance, the Grenfell Tower fire in the UK triggered policy reforms that require immediate upgrades in thousands of housing units. This trend is driving significant demand for custom-sized, modular, and easy-to-install fire-rated doors that can fit into non-standard dimensions in older structures.

Key Market Players

ASSA ABLOY AB

DormaKaba Holding AG

JELD-WEN Holding, Inc.

Hormann Group

Sanwa Holdings Corporation

Chinsun Doors Co., Ltd.

The Cookson Company

Republic Doors and Frames

Hoshimoto Co., Ltd.

Senneca Holdings

Report Scope:

In this report, the Global Fire-Rated Doors Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Fire-Rated Doors Market, By Product Type:

Hinged Fire Doors

Sliding Fire Doors

Double Action Fire Doors

Folding Fire Doors

Others

Fire-Rated Doors Market, By Fire Rating:

Up to 30 Minutes

30–60 Minutes

60–90 Minutes

90–120 Minutes

Above 120 Minutes

Fire-Rated Doors Market, By End User:

Residential

Commercial

Industrial

Institutional

Others

Fire-Rated Doors Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

South America

Brazil

Argentina

Colombia

Asia-Pacific

China

India

Japan

South Korea

Australia

Middle East & Africa

Saudi Arabia

UAE

South Africa

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Fire-

Fire-Rated Doors Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product...

Rated Doors Market.

Available Customizations:

Global Fire-Rated Doors Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL FIRE-RATED DOORS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Product Type (Hinged Fire Doors, Sliding Fire Doors, Double Action Fire Doors, Folding Fire Doors, Others)
 - 5.2.2. By Fire Rating (Up to 30 Minutes, 30–60 Minutes, 60–90 Minutes, 90–120 Minutes, Above 120 Minutes)

- 5.2.3. By End User (Residential, Commercial, Industrial, Institutional, Others)
- 5.2.4. By Region (North America, Europe, South America, Middle East & Africa, Asia Pacific)
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA FIRE-RATED DOORS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Product Type
 - 6.2.2. By Fire Rating
 - 6.2.3. By End User
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Fire-Rated Doors Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Product Type
 - 6.3.1.2.2. By Fire Rating
 - 6.3.1.2.3. By End User
 - 6.3.2. Canada Fire-Rated Doors Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Product Type
 - 6.3.2.2.2. By Fire Rating
 - 6.3.2.2.3. By End User
 - 6.3.3. Mexico Fire-Rated Doors Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Product Type
 - 6.3.3.2.2. By Fire Rating
 - 6.3.3.2.3. By End User

7. EUROPE FIRE-RATED DOORS MARKET OUTLOOK

- 7.1. Market Size & Forecast
 - 7.1.1. By Value
- 7.2. Market Share & Forecast
 - 7.2.1. By Product Type
 - 7.2.2. By Fire Rating
 - 7.2.3. By End User
 - 7.2.4. By Country
- 7.3. Europe: Country Analysis
 - 7.3.1. Germany Fire-Rated Doors Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Product Type
 - 7.3.1.2.2. By Fire Rating
 - 7.3.1.2.3. By End User
 - 7.3.2. France Fire-Rated Doors Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Product Type
 - 7.3.2.2.2. By Fire Rating
 - 7.3.2.2.3. By End User
 - 7.3.3. United Kingdom Fire-Rated Doors Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Product Type
 - 7.3.3.2.2. By Fire Rating
 - 7.3.3.2.3. By End User
 - 7.3.4. Italy Fire-Rated Doors Market Outlook
 - 7.3.4.1. Market Size & Forecast
 - 7.3.4.1.1. By Value
 - 7.3.4.2. Market Share & Forecast
 - 7.3.4.2.1. By Product Type
 - 7.3.4.2.2. By Fire Rating
 - 7.3.4.2.3. By End User
 - 7.3.5. Spain Fire-Rated Doors Market Outlook
 - 7.3.5.1. Market Size & Forecast

- 7.3.5.1.1. By Value
- 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Product Type
 - 7.3.5.2.2. By Fire Rating
 - 7.3.5.2.3. By End User

8. ASIA PACIFIC FIRE-RATED DOORS MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Product Type
 - 8.2.2. By Fire Rating
 - 8.2.3. By End User
 - 8.2.4. By Country
- 8.3. Asia Pacific: Country Analysis
 - 8.3.1. China Fire-Rated Doors Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Product Type
 - 8.3.1.2.2. By Fire Rating
 - 8.3.1.2.3. By End User
 - 8.3.2. India Fire-Rated Doors Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Product Type
 - 8.3.2.2.2. By Fire Rating
 - 8.3.2.2.3. By End User
 - 8.3.3. Japan Fire-Rated Doors Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Product Type
 - 8.3.3.2.2. By Fire Rating
 - 8.3.3.2.3. By End User
 - 8.3.4. South Korea Fire-Rated Doors Market Outlook
 - 8.3.4.1. Market Size & Forecast

- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Product Type
 - 8.3.4.2.2. By Fire Rating
 - 8.3.4.2.3. By End User
- 8.3.5. Australia Fire-Rated Doors Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Product Type
 - 8.3.5.2.2. By Fire Rating
 - 8.3.5.2.3. By End User

9. MIDDLE EAST & AFRICA FIRE-RATED DOORS MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Product Type
 - 9.2.2. By Fire Rating
 - 9.2.3. By End User
 - 9.2.4. By Country
- 9.3. Middle East & Africa: Country Analysis
 - 9.3.1. Saudi Arabia Fire-Rated Doors Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Product Type
 - 9.3.1.2.2. By Fire Rating
 - 9.3.1.2.3. By End User
 - 9.3.2. UAE Fire-Rated Doors Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Product Type
 - 9.3.2.2.2. By Fire Rating
 - 9.3.2.2.3. By End User
 - 9.3.3. South Africa Fire-Rated Doors Market Outlook
 - 9.3.3.1. Market Size & Forecast

9.3.3.1.1. By Value

9.3.3.2. Market Share & Forecast

9.3.3.2.1. By Product Type

9.3.3.2.2. By Fire Rating

9.3.3.2.3. By End User

10. SOUTH AMERICA FIRE-RATED DOORS MARKET OUTLOOK

10.1. Market Size & Forecast

10.1.1. By Value

10.2. Market Share & Forecast

10.2.1. By Product Type

10.2.2. By Fire Rating

10.2.3. By End User

10.2.4. By Country

10.3. South America: Country Analysis

10.3.1. Brazil Fire-Rated Doors Market Outlook

10.3.1.1. Market Size & Forecast

10.3.1.1.1. By Value

10.3.1.2. Market Share & Forecast

10.3.1.2.1. By Product Type

10.3.1.2.2. By Fire Rating

10.3.1.2.3. By End User

10.3.2. Colombia Fire-Rated Doors Market Outlook

10.3.2.1. Market Size & Forecast

10.3.2.1.1. By Value

10.3.2.2. Market Share & Forecast

10.3.2.2.1. By Product Type

10.3.2.2.2. By Fire Rating

10.3.2.2.3. By End User

10.3.3. Argentina Fire-Rated Doors Market Outlook

10.3.3.1. Market Size & Forecast

10.3.3.1.1. By Value

10.3.3.2. Market Share & Forecast

10.3.3.2.1. By Product Type

10.3.3.2.2. By Fire Rating

10.3.3.2.3. By End User

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS AND DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. COMPANY PROFILES

- 13.1. ASSA ABLOY AB
 - 13.1.1. Business Overview
 - 13.1.2. Key Revenue and Financials
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel
 - 13.1.5. Key Product/Services Offered
- 13.2. DormaKaba Holding AG
- 13.3. JELD-WEN Holding, Inc.
- 13.4. Hormann Group
- 13.5. Sanwa Holdings Corporation
- 13.6. Chinsun Doors Co., Ltd.
- 13.7. The Cookson Company
- 13.8. Republic Doors and Frames
- 13.9. Hoshimoto Co., Ltd.
- 13.10. Senneca Holdings

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

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