

Passive Fire Protection Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global passive fire protection market size reached US\$ 4.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 5.5 Billion by 2028, exhibiting a growth rate (CAGR) of 3.9% during 2023-2028.

Passive fire protection (PFP) is an integral component of any fire strategy that divides the building into compartments and prevents the spread of fire by using fire-resistance-rated walls and floors. It relies on fire doors to further compartmentalize the structure and valves and prevent smoke from spreading into the ducts of a building. It works without any human intervention or external energy input while evacuating people and allowing intervention of emergency services. Moreover, PFP offers several advantages, including preventing the progression of fumes, avoiding the spread of flames, containing thermal effects in the disaster area, and maintaining the fire stability of structural elements.

Passive Fire Protection Market Trends:

The growing investments in exploration activities, along with the technological advancements in the oil and gas industry, represent one of the key factors driving the market. Moreover, PFP systems protect steel structures against fire by providing them with strength and durability. This, coupled with the rising awareness among individuals about fire safety and the escalating demand for fire-safe buildings, is propelling the growth of the market. In addition, governments of several countries are ensuring that industries comply with fire safety norms and regulations. In line with this, the expanding construction sector and large-scale infrastructure development, especially in developing economies, are positively influencing the market. Additionally, the increasing employment of PFP systems in the information and technology (IT), IT-enables services

(ITES), and telecom industries across the globe due to the greater risk of fire hazards as compared to conventional complexes are stimulating the market growth. Apart from this, the rising usage of fire protection boards as roofing, siding, or wall panels to safeguard people and property from fire accidents is offering lucrative growth opportunities to end-users.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global passive fire protection market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, application and end user.

Breakup by Product:

- Cementitious Materials
- Intumescent Coatings
- Fireproofing Cladding
- Others

Breakup by Application:

- Structural
- Compartmentation
- Opening Protection
- Firestopping Material

Breakup by End User:

- Oil and Gas
- Construction
- Industrial
- Warehousing
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others

Middle East and Africa
Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 3M Company, Akzo Nobel N.V., Contego International Inc., Envirograf, Etex Group, Hempel A/S, Isolatek International, Lloyd Insulations (India) Limited, No-Burn Inc., PPG Industries Inc., Sharpfibre Limited and The Sherwin-Williams Company.

Key Questions Answered in This Report

1. What was the size of the global passive fire protection market in 2022?
2. What is the expected growth rate of the global passive fire protection market during 2023-2028?
3. What are the key factors driving the global passive fire protection market?
4. What has been the impact of COVID-19 on the global passive fire protection market?
5. What is the breakup of the global passive fire protection market based on the product?
6. What are the key regions in the global passive fire protection market?
7. Who are the key players/companies in the global passive fire protection market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL PASSIVE FIRE PROTECTION MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Cementitious Materials
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Intumescent Coatings
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Fireproofing Cladding

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Others
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Structural
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Compartmentation
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Opening Protection
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Firestopping Material
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 Oil and Gas
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Construction
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Industrial
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Warehousing
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Others
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

- 9.3.3.1 Market Trends
- 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 3M Company
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Akzo Nobel N.V.
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Contego International Inc.
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Envirograf
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.5 Etex Group
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Hempel A/S
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 SWOT Analysis

- 14.3.7 Isolatek International
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
- 14.3.8 Lloyd Insulations (India) Limited
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 No-Burn Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 PPG Industries Inc.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Sharpfibre Limited
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
- 14.3.12 The Sherwin-Williams Company
 - 14.3.12.1 Company Overview
 - 14.3.12.2 Product Portfolio
 - 14.3.12.3 Financials
 - 14.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Passive Fire Protection Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Passive Fire Protection Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Passive Fire Protection Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Passive Fire Protection Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: Passive Fire Protection Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Passive Fire Protection Market: Competitive Structure

Table 7: Global: Passive Fire Protection Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Passive Fire Protection Market: Major Drivers and Challenges

Figure 2: Global: Passive Fire Protection Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Passive Fire Protection Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Passive Fire Protection Market: Breakup by Product (in %), 2022

Figure 5: Global: Passive Fire Protection Market: Breakup by Application (in %), 2022

Figure 6: Global: Passive Fire Protection Market: Breakup by End User (in %), 2022

Figure 7: Global: Passive Fire Protection Market: Breakup by Region (in %), 2022

Figure 8: Global: Passive Fire Protection (Cementitious Materials) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Passive Fire Protection (Cementitious Materials) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Passive Fire Protection (Intumescent Coatings) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Passive Fire Protection (Intumescent Coatings) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Passive Fire Protection (Fireproofing Cladding) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Passive Fire Protection (Fireproofing Cladding) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Passive Fire Protection (Other Products) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Passive Fire Protection (Other Products) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Passive Fire Protection (Structural) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Passive Fire Protection (Structural) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Passive Fire Protection (Compartmentation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Passive Fire Protection (Compartmentation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Passive Fire Protection (Opening Protection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Passive Fire Protection (Opening Protection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 22: Global: Passive Fire Protection (Firestopping Material) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Passive Fire Protection (Firestopping Material) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Passive Fire Protection (Oil and Gas) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Passive Fire Protection (Oil and Gas) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Passive Fire Protection (Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Passive Fire Protection (Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Passive Fire Protection (Industrial) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Passive Fire Protection (Industrial) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Passive Fire Protection (Warehousing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Passive Fire Protection (Warehousing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: Passive Fire Protection (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: Passive Fire Protection (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: North America: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: North America: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: United States: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: United States: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Canada: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Canada: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Asia-Pacific: Passive Fire Protection Market: Sales Value (in Million US\$),

2017 & 2022

Figure 41: Asia-Pacific: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: China: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: China: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: Japan: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: Japan: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: India: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: India: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: South Korea: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: South Korea: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Australia: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Australia: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Indonesia: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Indonesia: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Others: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Others: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Europe: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Europe: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Germany: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Germany: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: France: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: France: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: United Kingdom: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: United Kingdom: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Italy: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Italy: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 66: Spain: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Spain: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 68: Russia: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Russia: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Others: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Others: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Latin America: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Latin America: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 74: Brazil: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Brazil: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 76: Mexico: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Mexico: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 78: Others: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Others: Passive Fire Protection Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 80: Middle East and Africa: Passive Fire Protection Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Middle East and Africa: Passive Fire Protection Market: Breakup by Country (in %), 2022

Figure 82: Middle East and Africa: Passive Fire Protection Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Global: Passive Fire Protection Industry: SWOT Analysis

Figure 84: Global: Passive Fire Protection Industry: Value Chain Analysis

Figure 85: Global: Passive Fire Protection Industry: Porter's Five Forces Analysis

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