

# **Fireproofing Materials Market by Coating Type (Intumescent coatings- Thin film and Thick film, and Cementitious coatings- Cement-based and Gypsum based), End-use (Commercial, Industrial, and Residential) and by Region - Global Forecast to 2026**

<https://marketpublishers.com/r/F1D93BF36517EN.html>

Date: September 2021

Pages: 202

Price: US\$ 4,950.00 (Single User License)

ID: F1D93BF36517EN

## **Abstracts**

The fireproofing materials market size is estimated to be USD 0.9 billion in 2021 and is projected to reach USD 1.5 billion by 2026, at a CAGR of 9.8% between 2021 and 2026. Factors such as increasing fire safety regulations will drive the fireproofing materials market. Rising environmental and health concerns due to the use of conventional chemicals in fireproofing materials regions is a major restraint. However, growing demand for developed intumescent fireproof and water-based coatings in construction will act as an opportunity for the market.

“Intumescent coatings is estimated to be the largest coating type of fireproofing materials market in 2020”

Intumescent coatings are broadly divided into thin film and thick film coatings. Thin-film intumescent coatings are either solvent-based or water-based and consist of three components a primer, a base coat, and a sealer coat. These coatings are majorly used to provide fire resistance in buildings. Thick film intumescent coatings are usually epoxy-based and typically have higher dry film thickness than thin film coatings. These materials are tough and durable and were originally developed for use for hydrocarbon fires wherein the test heating regime is significantly severe than that used for most industrial and commercial applications. These are majorly used for external steel in high-rise buildings and structures exposed to marine environments. This segment is estimated to be the largest and fastest-growing segment in the coating type as it is more durable than cementitious coatings.

“Industrial was the second largest end use industry for fireproofing materials market in 2020”

The fireproofing materials market size for the industrial segment accounted for the second-largest share of global fireproofing materials, in terms of value, in 2020 this was led by the demand from energy & power, manufacturing, oil & gas, petrochemical, and transportation & logistics industries. Industrial construction includes high use of steel. This end-use is further sub-divided into onshore and offshore. Onshore industrial end-use includes fireproofing coatings applied on the various steel assets in onshore oil & gas refining and chemical processing environments, including spheres, vessels, skirts, beams, and columns. In the offshore segment, fireproofing coatings are used for the protection of steel structures in liquid natural gas carriers, oil drilling ships, floating oil & gas production vessels, oil tankers, and naval vessels.

Fire protection is a must for steel construction wherein the combustion of hydrocarbon fuels such as oil, methane, liquefied natural gas (LNG), and liquefied petroleum gas (LPG) can lead to disasters in the industrial segment, for instance, the oil & gas industry. Fireproof coatings are used in manufacturing units owing to their properties such as durability, ease of maintenance, esthetic benefits, and ease-of-application. Moreover, these coatings also provide protection against harsh environmental exposure, alkali, and abrasion.

“North America is estimated to be the largest fireproofing materials market in 2020, in terms of value.”

North America was the largest market for fireproofing materials in 2020. It has been a leader in product innovation in terms of quality and the development of applications. The US is the key country in the region, accounting for the largest share of the market. It has high demand in both, residential and commercial construction and is expected to grow significantly during the forecast period, leading to the growth of the market in the region. The demand for fireproofing materials in North America is increasing in both, existing and new constructions. New codes and policies have made the application of fireproofing materials mandatory for existing commercial and industrial buildings.

In the process of determining and verifying the market size for several segments and subsegments identified through secondary research, extensive primary interviews were conducted. A breakdown of the profiles of the primary interviewees are as follows:

By Company Type: Tier 1 - 30%, Tier 2 - 43%, and Tier 3 - 27%

By Designation: C-Level - 21%, Director Level - 23%, and Others - 56%

By Region: North America - 41%, Europe - 30%, APAC - 18%, Middle East & Africa - 7%, and South America - 4%

The key market players profiled in the report include 3M (US), Akzo Nobel N.V. (Netherlands), Isolatek International (US), Sika AG (Switzerland), Etex Group (Belgium), PPG Industries, Inc (US), BASF SE (Germany), Carboline (US), RPM International Inc. (US), Jotun Group (Norway), Iris Coatings S.r.l (Italy), Knauf Insulation (US), Hempel Group (Denmark), W.R. Grace & Co.(US), Rolf Kuhn GmbH (Germany), Rockwool International AS (Denmark), No-Burn Inc. (US), The Sherwin-Williams Company (US), Contego International Inc. (US), Den Braven (Netherlands), Encon Insulation Ltd (UK), Ugam Chemicals (India), Intumescent Systems Ltd (UK), PK Companies (US), FlameOFF Coatings Inc.(US).

## Research Coverage

This report segments the market for fireproofing materials on the basis of coating type, end-use and region, and provides estimations for the overall value of the market across various regions. A detailed analysis of key industry players has been conducted to provide insights into their business overviews, products & services, key strategies, new product launches and mergers & acquisition associated with the market for fireproofing materials.

## Reasons to buy this report

This research report is focused on various levels of analysis — industry analysis (industry trends), market ranking analysis of top players, and company profiles, which together provide an overall view on the competitive landscape; emerging and high-growth segments of the fireproofing materials market; high-growth regions; and market drivers, restraints, challenges and opportunities

The report provides insights on the following pointers:

**Market Penetration:** Comprehensive information on fireproofing materials offered by top players in the global fireproofing materials market

**Product Development/Innovation:** Detailed insights on upcoming technologies, research & development activities in the fireproofing materials market

**Market Development:** Comprehensive information about lucrative emerging markets — the report analyzes the markets for fireproofing materials across regions

**Market Diversification:** Exhaustive information about new products, untapped regions, and recent developments in the global fireproofing materials market

**Competitive Assessment:** In-depth assessment of market shares, strategies, products, and manufacturing capabilities of leading players in the fireproofing materials market

**Impact of COVID-19 on fireproofing materials market**

## Contents

### 1 INTRODUCTION

#### 1.1 OBJECTIVES OF THE STUDY

#### 1.2 MARKET DEFINITION

##### 1.2.1 FIREPROOFING MATERIALS MARKET: INCLUSIONS AND EXCLUSIONS

##### 1.2.2 FIREPROOFING MATERIALS MARKET: DEFINITION AND INCLUSIONS, BY COATING TYPE

##### 1.2.3 FIREPROOFING MATERIALS MARKET: DEFINITION AND INCLUSIONS, BY END-USE

#### 1.3 MARKET SCOPE

##### 1.3.1 FIREPROOFING MATERIALS MARKET SEGMENTATION

##### 1.3.2 REGIONS COVERED

##### 1.3.3 YEARS CONSIDERED FOR THE STUDY

#### 1.4 CURRENCY

#### 1.5 STAKEHOLDERS

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

##### FIGURE 1 FIREPROOFING MATERIALS MARKET: RESEARCH DESIGN

##### 2.1.1 SECONDARY DATA

##### 2.1.2 PRIMARY DATA

###### 2.1.2.1 Primary interviews –demand and supply sides

###### 2.1.2.2 Key industry insights

###### 2.1.2.3 Breakdown of primary interviews

#### 2.2 MARKET SIZE ESTIMATION

##### 2.2.1 BOTTOM-UP APPROACH

##### FIGURE 2 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 (SUPPLY SIDE): REVENUE OF PRODUCTS

##### FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 BOTTOM-UP (SUPPLY-SIDE): COLLECTIVE REVENUE OF ALL PRODUCTS

##### FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 2 –BOTTOM-UP (DEMAND SIDE): APPLICATIONS SERVED

##### 2.2.2 TOP-DOWN APPROACH

##### FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 3 –TOP-DOWN

#### 2.3 DATA TRIANGULATION

**FIGURE 6 FIREPROOFING MATERIALS MARKET: DATA TRIANGULATION****2.4 GROWTH RATE ASSUMPTIONS/GROWTH FORECAST****2.4.1 SUPPLY SIDE****FIGURE 7 MARKET CAGR PROJECTIONS FROM THE SUPPLY SIDE****2.4.2 DEMAND SIDE****FIGURE 8 MARKET GROWTH PROJECTIONS FROM DEMAND-SIDE DRIVERS AND OPPORTUNITIES****2.5 FACTOR ANALYSIS****2.6 ASSUMPTIONS****2.7 LIMITATIONS****2.8 RISK ASSESSMENT****TABLE 1 FIREPROOFING MATERIALS MARKET: RISK ASSESSMENT****3 EXECUTIVE SUMMARY****FIGURE 9 COMMERCIAL END-USE TO DOMINATE THE FIREPROOFING MATERIALS MARKET DURING THE FORECAST PERIOD****FIGURE 10 THIN FILM INTUMESCENT COATING TO BE THE LARGEST COATING TYPE OF FIREPROOFING MATERIALS DURING THE FORECAST PERIOD****FIGURE 11 NORTH AMERICA ACCOUNTED FOR THE LARGEST MARKET SHARE IN 2020****4 PREMIUM INSIGHTS****4.1 ATTRACTIVE OPPORTUNITIES FOR FIREPROOFING MATERIAL MANUFACTURERS****FIGURE 12 INCREASE IN FIRE SAFETY REGULATIONS PROPELLING THE MARKET****FOR FIREPROOFING MATERIALS****4.2 FIREPROOFING MATERIALS MARKET, BY REGION****FIGURE 13 NORTH AMERICA TO BE THE LARGEST FIREPROOFING MATERIALS MARKET BETWEEN 2021 AND 2026****4.3 FIREPROOFING MATERIALS MARKET, BY REGION AND END-USE****FIGURE 14 COMMERCIAL END-USE SEGMENT DOMINATED THE FIREPROOFING MATERIALS MARKET IN ALL REGIONS****4.4 NORTH AMERICA: FIREPROOFING MATERIALS MARKET, BY COATING TYPE AND COUNTRY, 2020****FIGURE 15 US AND THE INTUMESCENT COATINGS SEGMENT ACCOUNTED FOR THE LARGEST SHARES**

#### 4.5 FIREPROOFING MATERIALS MARKET ATTRACTIVENESS

FIGURE 16 ARGENTINA TO BE THE FASTEST-GROWING MARKET FOR FIREPROOFING MATERIALS BETWEEN 2021 AND 2026

### 5 MARKET OVERVIEW

#### 5.1 INTRODUCTION

#### 5.2 MARKET DYNAMICS

FIGURE 17 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE FIREPROOFING MATERIALS MARKET

##### 5.2.1 DRIVERS

5.2.1.1 Increasing fire safety regulations

5.2.1.2 Increasing preference for lightweight materials in the building & construction industry

5.2.1.3 Rising number of fire incidents

FIGURE 18 NUMBER OF STRUCTURAL FIRE INCIDENTS FOR 2018

5.2.1.4 New rules for green and smart buildings and growing focus on obtaining green certifications

TABLE 2 TOP GREEN CERTIFICATION SCHEMES (2019)

##### 5.2.2 RESTRAINTS

5.2.2.1 Economic slowdown and the impact of COVID-19 on the construction industry

TABLE 3 COVID-19 IMPACT ON RESIDENTIAL CONSTRUCTION MARKET SIZE, BY REGION, 2018–2021 (USD BILLION)

TABLE 4 COVID-19 IMPACT ON NON-RESIDENTIAL CONSTRUCTION MARKET SIZE, BY REGION, 2018–2021 (USD BILLION)

TABLE 5 COVID-19 IMPACT ON HEAVY & CIVIL ENGINEERING CONSTRUCTION MARKET SIZE, BY REGION, 2018–2021 (USD BILLION)

5.2.2.2 Rising environmental and health concerns due to the use of conventional chemicals in fireproofing materials

5.2.2.3 Price sensitivity in the emerging regions

##### 5.2.3 OPPORTUNITIES

5.2.3.1 Development of more effective synergist compounds

5.2.3.2 Growing demand for developed intumescent fireproof and water-based coatings in construction projects

##### 5.2.4 CHALLENGES

5.2.4.1 Lack of awareness and non-compliance to regulations in the emerging markets

5.2.4.2 Concerns related to coating application and durability



### 5.3 PORTER'S FIVE FORCES ANALYSIS

#### FIGURE 19 PORTER'S FIVE FORCES ANALYSIS OF FIREPROOFING MATERIALS MARKET

#### TABLE 6 FIREPROOFING MATERIALS MARKET: PORTER'S FIVE FORCES ANALYSIS

##### 5.3.1 THREAT OF NEW ENTRANTS

##### 5.3.2 THREAT OF SUBSTITUTES

##### 5.3.3 BARGAINING POWER OF SUPPLIERS

##### 5.3.4 BARGAINING POWER OF BUYERS

##### 5.3.5 INTENSITY OF COMPETITIVE RIVALRY

### 5.4 SUPPLY CHAIN ANALYSIS

#### FIGURE 20 FIREPROOFING MATERIALS MARKET: SUPPLY CHAIN

##### 5.4.1 RAW MATERIAL

##### 5.4.2 MANUFACTURING OF FIREPROOFING MATERIALS

##### 5.4.3 DISTRIBUTION TO END USERS

### 5.5 TECHNOLOGY ANALYSIS

### 5.6 TRENDS/DISRUPTIONS IMPACTING CUSTOMER'S BUSINESS

#### 5.6.1 REVENUE SHIFTS & REVENUE POCKETS FOR FIREPROOFING MATERIAL MANUFACTURERS

#### FIGURE 21 REVENUE SHIFT FOR FIREPROOFING MATERIALS MARKET

### 5.7 ECOSYSTEM/ MARKET MAP

#### FIGURE 22 FIREPROOFING MATERIALS MARKET: ECOSYSTEM

#### TABLE 7 FIREPROOFING MATERIALS MARKET: SUPPLY CHAIN

### 5.8 PATENT ANALYSIS

##### 5.8.1 INTRODUCTION

##### 5.8.2 APPROACH

##### 5.8.3 DOCUMENT TYPE

#### TABLE 8 THE GRANTED PATENTS ARE 7% OF THE TOTAL COUNT BETWEEN

### 2010 AND 2020

#### FIGURE 23 PATENTS REGISTERED FOR FIREPROOFING MATERIALS, 2010–2020

#### FIGURE 24 PATENT PUBLICATION TRENDS FOR FIREPROOFING MATERIALS, 2010–2020

##### 5.8.4 INSIGHTS

##### 5.8.5 JURISDICTION ANALYSIS

#### FIGURE 25 MAXIMUM PATENTS FILED BY COMPANIES IN US

##### 5.8.6 TOP APPLICANTS

#### FIGURE 26 AKZO NOBEL COATINGS INTERNATIONAL BV REGISTERED THE



HIGHEST NUMBER OF PATENTS BETWEEN 2010 AND 2020

TABLE 9 TOP 10 PATENT OWNERS IN THE US, 2010-2020

## 5.9 CASE STUDIES

5.9.1 A CASE STUDY ON COATINGS USED IN BEIJING DAXING INTERNATIONAL AIRPORT TERMINAL

5.9.2 A CASE STUDY ON COATINGS USED FOR A LARGE LNG PROJECT

## 5.10 TARIFF AND REGULATORY LANDSCAPE

5.10.1 GLOBAL REGULATORY FRAMEWORK AND ITS IMPACT ON FIREPROOFING MATERIALS MARKET

5.10.1.1 US

5.10.1.2 Australia

5.10.1.3 Europe

5.10.1.4 South Africa

## 5.11 MACROECONOMIC INDICATORS

5.11.1 GDP TRENDS AND FORECASTS OF MAJOR ECONOMIES

TABLE 10 GDP TRENDS AND FORECAST, BY MAJOR ECONOMY, 2018 –2026 (USD BILLION)

5.12 FIREPROOFING MATERIALS: REALISTIC, PESSIMISTIC, OPTIMISTIC, AND NON-COVID-19 SCENARIO

FIGURE 27 MARKET SIZE UNDER REALISTIC, PESSIMISTIC, OPTIMISTIC, AND NON-COVID-19 SCENARIO

TABLE 11 FIREPROOFING MATERIALS MARKET: MARKET FORECAST SCENARIOS, 2018- 2026 (USD MILLION)

5.12.1 NON-COVID-19 SCENARIO

5.12.2 OPTIMISTIC SCENARIO

5.12.3 PESSIMISTIC SCENARIO

5.12.4 REALISTIC SCENARIO

## 5.13 TRADE DATA

5.13.1 IMPORT SCENARIO OF FIREPROOFING MATERIALS

FIGURE 28 FIREPROOFING MATERIAL IMPORTS, BY KEY COUNTRIES, 2017–2020

TABLE 12 FIREPROOFING MATERIAL IMPORTS, BY REGION, 2017–2020 (USD MILLION)

5.13.2 EXPORT SCENARIO OF FIREPROOFING MATERIALS

FIGURE 29 FIREPROOFING MATERIAL EXPORTS, BY KEY COUNTRIES, 2017–2020

TABLE 13 FIREPROOFING MATERIAL EXPORTS, BY REGION, 2017-2020 (USD MILLION)

## 5.14 COVID-19 IMPACT

#### 5.14.1 INTRODUCTION

#### 5.14.2 COVID-19 HEALTH ASSESSMENT

FIGURE 30 COUNTRY-WISE SPREAD OF COVID-19

#### 5.14.3 COVID-19 ECONOMIC ASSESSMENT

FIGURE 31 REVISED GDP FORECASTS FOR SELECT G20 COUNTRIES IN 2021

##### 5.14.3.1 COVID-19 Impact on Economy—Scenario Assessment

FIGURE 32 FACTORS IMPACTING GLOBAL ECONOMY

FIGURE 33 SCENARIOS OF COVID-19 IMPACT

## 6 FIREPROOFING MATERIALS MARKET, BY COATING TYPE

### 6.1 INTRODUCTION

FIGURE 34 INTUMESCENT COATING SEGMENT TO LEAD THE FIREPROOFING MATERIALS MARKET DURING THE FORECAST PERIOD

TABLE 14 FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2016–2019 (USD MILLION)

TABLE 15 FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2020–2026 (USD MILLION)

### 6.2 INTUMESCENT COATING

TABLE 16 INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 17 INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

#### 6.2.1 THIN FILM INTUMESCENT COATING

TABLE 18 THIN FILM INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 19 THIN FILM INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

#### 6.2.2 THICK FILM INTUMESCENT COATING

TABLE 20 THICK FILM INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 21 THICK FILM INTUMESCENT COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

### 6.3 CEMENTITIOUS COATING

TABLE 22 CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 23 CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

#### 6.3.1 CEMENT BASED

TABLE 24 CEMENT BASED CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 25 CEMENT BASED CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

#### 6.3.2 GYPSUM BASED

TABLE 26 GYPSUM-BASED CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 27 GYPSUM-BASED CEMENTITIOUS COATING: FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

## 7 FIREPROOFING MATERIALS MARKET, BY END-USE

### 7.1 INTRODUCTION

FIGURE 35 COMMERCIAL TO BE THE LARGEST END-USE SEGMENT IN THE FIREPROOFING MATERIALS MARKET

TABLE 28 FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 29 FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 7.2 COMMERCIAL

7.2.1 HIGH GROWTH IN COMMERCIAL CONSTRUCTION DRIVING THE FIREPROOFING MATERIALS MARKET

TABLE 30 FIREPROOFING MATERIALS MARKET SIZE IN THE COMMERCIAL END-USE, BY REGION, 2016–2019 (USD MILLION)

TABLE 31 FIREPROOFING MATERIALS MARKET SIZE IN THE COMMERCIAL END-USE, BY REGION, 2020–2026 (USD MILLION)

### 7.3 INDUSTRIAL

7.3.1 INDUSTRIAL GROWTH IN EMERGING ECONOMIES TO DRIVE THE MARKET

TABLE 32 FIREPROOFING MATERIALS MARKET SIZE IN THE INDUSTRIAL END-USE, BY REGION, 2016–2019 (USD MILLION)

TABLE 33 FIREPROOFING MATERIALS MARKET SIZE IN THE INDUSTRIAL END-USE, BY REGION, 2020–2026 (USD MILLION)

TABLE 34 FIREPROOFING MATERIALS MARKET SIZE IN THE ONSHORE INDUSTRIAL END-USE, BY REGION, 2016–2019 (USD MILLION)

TABLE 35 FIREPROOFING MATERIALS MARKET SIZE IN THE ONSHORE INDUSTRIAL END-USE, BY REGION, 2020–2026 (USD MILLION)

TABLE 36 FIREPROOFING MATERIALS MARKET SIZE IN THE OFFSHORE INDUSTRIAL END-USE, BY REGION, 2016–2019 (USD MILLION)

TABLE 37 FIREPROOFING MATERIALS MARKET SIZE IN THE OFFSHORE

## INDUSTRIAL END-USE, BY REGION, 2020–2026 (USD MILLION)

### 7.4 RESIDENTIAL

#### 7.4.1 RISING GDP AND RISE IN INCOME DRIVING THE RESIDENTIAL AND HOUSING APPLICATIONS

TABLE 38 FIREPROOFING MATERIALS MARKET SIZE IN THE RESIDENTIAL END-USE, BY REGION, 2016–2019 (USD MILLION)

TABLE 39 FIREPROOFING MATERIALS MARKET SIZE IN THE RESIDENTIAL END-USE, BY REGION, 2020–2026 (USD MILLION)

## 8 FIREPROOFING MATERIALS MARKET, BY REGION

### 8.1 INTRODUCTION

FIGURE 36 NORTH AMERICA TO BE THE LARGEST FIREPROOFING MATERIALS MARKET DURING THE FORECAST PERIOD

TABLE 40 FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2016–2019 (USD MILLION)

TABLE 41 FIREPROOFING MATERIALS MARKET SIZE, BY REGION, 2020–2026 (USD MILLION)

### 8.2 NORTH AMERICA

FIGURE 37 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SNAPSHOT

#### 8.2.1 NORTH AMERICA: FIREPROOFING MATERIALS MARKET, BY COATING TYPE

TABLE 42 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2016–2019 (USD MILLION)

TABLE 43 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2020–2026 (USD MILLION)

#### 8.2.2 NORTH AMERICA: FIREPROOFING MATERIALS MARKET, BY END-USE

TABLE 44 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 45 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.2.3 NORTH AMERICA: FIREPROOFING MATERIALS MARKET, BY COUNTRY

FIGURE 38 US TO BE THE LARGEST MARKET FOR FIREPROOFING MATERIALS IN

### NORTH AMERICA

TABLE 46 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 47 NORTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

### 8.2.3.1 US

8.2.3.1.1 Increased emphasis on passive fire protection and certified fire protection experts driving the market in the US

TABLE 48 US: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 49 US: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 8.2.3.2 Canada

8.2.3.2.1 Growth in all construction segments leading to the growth of the market in Canada

TABLE 50 CANADA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 51 CANADA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 8.2.3.3 Mexico

8.2.3.3.1 Increased government investments on industrial and commercial infrastructure leading to market growth

TABLE 52 MEXICO: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 53 MEXICO: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

## 8.3 EUROPE

FIGURE 39 EUROPE: FIREPROOFING MATERIALS MARKET SNAPSHOT

### 8.3.1 EUROPE: FIREPROOFING MATERIALS MARKET, BY COATING TYPE

TABLE 54 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2016–2019 (USD MILLION)

TABLE 55 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2020–2026 (USD MILLION)

### 8.3.2 EUROPE: FIREPROOFING MATERIALS MARKET, BY END-USE

TABLE 56 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 57 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 8.3.3 EUROPE: FIREPROOFING MATERIALS MARKET, BY COUNTRY

FIGURE 40 UK TO BE THE LARGEST MARKET FOR FIREPROOFING MATERIALS IN EUROPE

TABLE 58 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 59 EUROPE: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY,

2020–2026 (USD MILLION)

#### 8.3.3.1 Germany

8.3.3.1.1 Various global players and stringent building codes favoring the market for fireproofing materials

TABLE 60 GERMANY: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 61 GERMANY: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.3.3.2 UK

8.3.3.2.1 Increased construction activities and fire safety awareness to drive demand

TABLE 62 UK: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 63 UK: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.3.3.3 France

8.3.3.3.1 New opportunities in the construction industry due to the flourishing economy to lead to the growth of the market

TABLE 64 FRANCE: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 65 FRANCE: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.3.3.4 Italy

8.3.3.4.1 Growth of the tourism industry and commercial construction activities are leading to the growth of the market

TABLE 66 ITALY: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 67 ITALY: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.3.3.5 Russia

8.3.3.5.1 Growth in infrastructure to drive market in Russia

TABLE 68 RUSSIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 69 RUSSIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.3.3.6 Spain

8.3.3.6.1 Increased demand from residential end-use to lead to the growth of the market

TABLE 70 SPAIN: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,



2016–2019 (USD MILLION)

TABLE 71 SPAIN: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2020–2026 (USD MILLION)

#### 8.3.3.7 Benelux

8.3.3.7.1 Increased investments in the construction industry and growing tourism industry to boost the demand for fireproofing materials

TABLE 72 BENELUX: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2016–2019 (USD MILLION)

TABLE 73 BENELUX: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2020–2026 (USD MILLION)

### 8.4 APAC

FIGURE 41 APAC: FIREPROOFING MATERIALS MARKET SNAPSHOT

#### 8.4.1 APAC: FIREPROOFING MATERIALS MARKET, BY COATING TYPE

TABLE 74 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE,  
2016–2019 (USD MILLION)

TABLE 75 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE,  
2020–2026 (USD MILLION)

#### 8.4.2 APAC: FIREPROOFING MATERIALS MARKET, BY END-USE

TABLE 76 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2016–2019 (USD MILLION)

TABLE 77 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2020–2026 (USD MILLION)

#### 8.4.3 APAC: FIREPROOFING MATERIALS MARKET, BY COUNTRY

FIGURE 42 CHINA TO BE THE LARGEST FIREPROOFING MATERIALS MARKET IN  
APAC

TABLE 78 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY,  
2016–2019 (USD MILLION)

TABLE 79 APAC: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY,  
2020–2026 (USD MILLION)

#### 8.4.3.1 China

8.4.3.1.1 The growing Chinese economy and ongoing infrastructural boom are leading to the high growth of the market

TABLE 80 CHINA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2016–2019 (USD MILLION)

TABLE 81 CHINA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,  
2020–2026 (USD MILLION)

#### 8.4.3.2 Japan

8.4.3.2.1 Stringent fire safety rules leading to the growth of the market for fireproofing materials



TABLE 82 JAPAN: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 83 JAPAN: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.4.3.3 India

8.4.3.3.1 Increased emphasis on stringent fire safety codes spurring demand for fireproofing materials in the Indian market

TABLE 84 INDIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 85 INDIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.4.3.4 South Korea

8.4.3.4.1 Ongoing boom in the construction industry is a major driver for the market

TABLE 86 SOUTH KOREA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 87 SOUTH KOREA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.4.3.5 Indonesia

8.4.3.5.1 Increased spending in better building materials, a key factor driving the market in the country

TABLE 88 INDONESIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 89 INDONESIA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.4.3.6 Australia & New Zealand

8.4.3.6.1 Increased infrastructure projects to drive the fireproofing materials market

TABLE 90 AUSTRALIA & NEW ZEALAND: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 91 AUSTRALIA & NEW ZEALAND: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 8.5 MIDDLE EAST & AFRICA

8.5.1 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET, BY COATING TYPE

TABLE 92 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2016–2019 (USD MILLION)

TABLE 93 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2020–2026 (USD MILLION)

8.5.2 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET, BY END-

## USE

TABLE 94 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 95 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

### 8.5.3 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET, BY COUNTRY

TABLE 96 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 97 MIDDLE EAST & AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

#### 8.5.3.1 South Africa

8.5.3.1.1 Economic growth after decades of political turmoil largely boosting the growth of the market

TABLE 98 SOUTH AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 99 SOUTH AFRICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

## 8.6 SOUTH AMERICA

### 8.6.1 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET, BY COATING TYPE

TABLE 100 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2016–2019 (USD MILLION)

TABLE 101 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COATING TYPE, 2020–2026 (USD MILLION)

#### 8.6.2 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET, BY END-USE

TABLE 102 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 103 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

#### 8.6.3 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET, BY COUNTRY

TABLE 104 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2016–2019 (USD MILLION)

TABLE 105 SOUTH AMERICA: FIREPROOFING MATERIALS MARKET SIZE, BY COUNTRY, 2020–2026 (USD MILLION)

#### 8.6.3.1 Brazil

8.6.3.1.1 Significant increase in government spending on national infrastructure expected to drive the market in the country

TABLE 106 BRAZIL: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE,

2016–2019 (USD MILLION)

TABLE 107 BRAZIL: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

8.6.3.2 Argentina

8.6.3.2.1 High demand for new constructions to act as the market driver in the country

TABLE 108 ARGENTINA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2016–2019 (USD MILLION)

TABLE 109 ARGENTINA: FIREPROOFING MATERIALS MARKET SIZE, BY END-USE, 2020–2026 (USD MILLION)

## **9 COMPETITIVE LANDSCAPE**

9.1 INTRODUCTION

9.2 STRATEGIES ADOPTED BY KEY PLAYERS

9.2.1 OVERVIEW OF STRATEGIES ADOPTED BY FIREPROOFING MATERIAL MANUFACTURERS

9.3 MARKET SHARE ANALYSIS

9.3.1 RANKING OF KEY MARKET PLAYERS, 2020

FIGURE 43 RANKING OF TOP FIVE PLAYERS IN FIREPROOFING MATERIALS MARKET, 2020

9.3.2 MARKET SHARE OF KEY PLAYERS, 2020

TABLE 110 FIREPROOFING MATERIALS MARKET: DEGREE OF COMPETITION

FIGURE 44 FIREPROOFING MATERIALS MARKET SHARE, BY COMPANY, 2020

9.3.2.1 Akzo Nobel N.V.

9.3.2.2 PPG Industries Inc.

9.3.2.3 Etex Group

9.3.2.4 Jotun Group

9.3.2.5 Sika AG

9.3.3 REVENUE ANALYSIS OF KEY MARKET PLAYERS, 2016-2020

FIGURE 45 REVENUE ANALYSIS OF KEY COMPANIES FOR PAST FIVE YEARS

9.4 COMPANY PRODUCT FOOTPRINT ANALYSIS

FIGURE 46 FIREPROOFING MATERIALS MARKET: COMPANY PRODUCT FOOTPRINT

TABLE 111 FIREPROOFING MATERIALS MARKET: COATING TYPE FOOTPRINT

TABLE 112 FIREPROOFING MATERIALS MARKET: END-USE FOOTPRINT

TABLE 113 FIREPROOFING MATERIALS MARKET: COMPANY REGION FOOTPRINT

9.5 COMPANY EVALUATION QUADRANT

#### 9.5.1 STAR

#### 9.5.2 EMERGING LEADER

FIGURE 47 FIREPROOFING MATERIALS MARKET: COMPANY EVALUATION MATRIX (TIER 1), 2020

#### 9.6 START-UP/SMALL AND MEDIUM-SIZED ENTERPRISES (SMES) EVALUATION MATRIX

##### 9.6.1 RESPONSIVE COMPANIES

##### 9.6.2 STARTING BLOCKS

FIGURE 48 START-UP/SMES EVALUATION MATRIX FOR FIREPROOFING MATERIALS MARKET

#### 9.7 COMPETITIVE SITUATIONS AND TRENDS

##### 9.7.1 NEW PRODUCT LAUNCHES

TABLE 114 FIREPROOFING MATERIALS MARKET: NEW PRODUCT LAUNCHES, JANUARY 2019 TO DECEMBER 2020

##### 9.7.2 DEALS

TABLE 115 FIREPROOFING MATERIALS MARKET: DEALS, JANUARY 2019 TO JUNE 2021

##### 9.7.3 OTHER DEVELOPMENTS

TABLE 116 FIREPROOFING MATERIALS MARKET: OTHER DEVELOPMENTS, JANUARY 2019 TO DECEMBER 2020

## 10 COMPANY PROFILES

### 10.1 MAJOR PLAYERS

(Business Overview, Products/services/solutions offered, MnM View, Key strengths/right to win, Strategic choices made, Weaknesses and competitive threats)\*

#### 10.1.1 3M

FIGURE 49 3M: COMPANY SNAPSHOT

TABLE 117 3M: BUSINESS OVERVIEW

#### 10.1.2 AKZO NOBEL N.V.

FIGURE 50 AKZO NOBEL N.V.: COMPANY SNAPSHOT

TABLE 118 AKZO NOBEL N.V.: BUSINESS OVERVIEW

#### 10.1.3 ISOLATEK INTERNATIONAL

TABLE 119 ISOLATEK INTERNATIONAL: BUSINESS OVERVIEW

#### 10.1.4 SIKA AG

FIGURE 51 SIKA AG: COMPANY SNAPSHOT

TABLE 120 SIKA AG: BUSINESS OVERVIEW

#### 10.1.5 ETEX GROUP

FIGURE 52 ETEX GROUP: COMPANY SNAPSHOT

## TABLE 121 ETEX GROUP: BUSINESS OVERVIEW

## 10.1.6 PPG INDUSTRIES, INC.

## FIGURE 53 PPG INDUSTRIES, INC.: COMPANY SNAPSHOT

## TABLE 122 PPG INDUSTRIES, INC.: BUSINESS OVERVIEW

## 10.1.7 BASF SE

## FIGURE 54 BASF SE: COMPANY SNAPSHOT

## TABLE 123 BASF SE: BUSINESS OVERVIEW

## 10.1.8 CARBOLINE

## TABLE 124 CARBOLINE: BUSINESS OVERVIEW

## 10.1.9 RPM INTERNATIONAL INC.

## FIGURE 55 RPM INTERNATIONAL INC.: COMPANY SNAPSHOT

## TABLE 125 RPM INTERNATIONAL INC.: BUSINESS OVERVIEW

## 10.1.10 JOTUN GROUP

## FIGURE 56 JOTUN GROUP: COMPANY SNAPSHOT

## TABLE 126 JOTUN GROUP: BUSINESS OVERVIEW

## 10.2 OTHER KEY MARKET PLAYERS

## 10.2.1 IRIS COATINGS S.R.L.

## TABLE 127 IRIS COATINGS S.R.L.: COMPANY OVERVIEW

## 10.2.2 KNAUF INSULATION GMBH

## TABLE 128 KNAUF INSULATION GMBH: COMPANY OVERVIEW

## 10.2.3 HEMPEL GROUP

## TABLE 129 HEMPEL GROUP: COMPANY OVERVIEW

## 10.2.4 W. R. GRACE &amp; CO.

## TABLE 130 W. R. GRACE &amp; CO.: COMPANY OVERVIEW

## 10.2.5 ROLF KUHN GMBH

## TABLE 131 ROLF KUHN GMBH: COMPANY OVERVIEW

## 10.2.6 ROCKWOOL INTERNATIONAL AS

## TABLE 132 ROCKWOOL INTERNATIONAL AS: COMPANY OVERVIEW

## 10.2.7 NO-BURN INC.

## TABLE 133 NO-BURN INC.: COMPANY OVERVIEW

## 10.2.8 THE SHERWIN-WILLIAMS COMPANY

## TABLE 134 THE SHERWIN-WILLIAMS COMPANY: COMPANY OVERVIEW

## 10.2.9 CONTEGO INTERNATIONAL INC.

## TABLE 135 CONTEGO INTERNATIONAL INC.: COMPANY OVERVIEW

## 10.2.10 DEN BRAVEN

## TABLE 136 DEN BRAVEN: COMPANY OVERVIEW

## 10.2.11 ENCON INSULATION LTD

## TABLE 137 ENCON INSULATION LTD: COMPANY OVERVIEW

## 10.2.12 UGAM CHEMICALS

**TABLE 138 UGAM CHEMICALS: COMPANY OVERVIEW****10.2.13 INTUMESCENT SYSTEMS LTD****TABLE 139 INTUMESCENT SYSTEMS LTD.: COMPANY OVERVIEW****10.2.14 PK COMPANIES (US)****TABLE 140 PK COMPANIES: COMPANY OVERVIEW****10.2.15 FLAMEOFF COATINGS INC (US)****TABLE 141 FLAMEOFF COATINGS INC: COMPANY OVERVIEW**

\*Details on Business Overview, Products/services/solutions offered, MnM View, Key strengths/right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

**11 ADJACENT & RELATED MARKETS****11.1 INTRODUCTION****11.2 LIMITATION****11.3 CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET****11.3.1 MARKET DEFINITION****11.3.2 MARKET OVERVIEW****11.4 CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET, BY REGION****TABLE 142 CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY REGION, 2018–2025 (THOUSAND LITER)****TABLE 143 CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY REGION, 2018–2025 (USD MILLION)****11.4.1 NORTH AMERICA****11.4.1.1 By country****TABLE 144 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (THOUSAND LITER)****TABLE 145 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)****11.4.1.2 By type****TABLE 146 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET, BY TYPE, 2018–2025 (THOUSAND LITER)****TABLE 147 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET, BY TYPE, 2018–2025 (USD MILLION)****11.4.1.3 By end-use****TABLE 148 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET, BY END-USE, 2018–2025 (THOUSAND LITER)****TABLE 149 NORTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT**



**COATINGS MARKET, BY END-USE, 2018–2025 (USD MILLION)****11.4.2 EUROPE****11.4.2.1 By country****TABLE 150 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (THOUSAND LITER)****TABLE 151 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)****11.4.2.2 By type****TABLE 152 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (THOUSAND LITER)****TABLE 153 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)****11.4.2.3 By end-use****TABLE 154 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (THOUSAND LITER)****TABLE 155 EUROPE: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (USD MILLION)****11.4.3 APAC****11.4.3.1 By country****TABLE 156 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (THOUSAND LITER)****TABLE 157 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)****11.4.3.2 By type****TABLE 158 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (THOUSAND LITER)****TABLE 159 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)****11.4.3.3 By end-use****TABLE 160 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (THOUSAND LITER)****TABLE 161 APAC: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (USD MILLION)****11.4.4 MIDDLE EAST & AFRICA****11.4.4.1 By country****TABLE 162 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (THOUSAND LITER)****TABLE 163 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION**



## INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

### 11.4.4.2 By type

TABLE 164 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (THOUSAND LITER)

TABLE 165 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

### 11.4.4.3 By end-use

TABLE 166 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (THOUSAND LITER)

TABLE 167 MIDDLE EAST & AFRICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (USD MILLION)

## 11.4.5 SOUTH AMERICA

### 11.4.5.1 By country

TABLE 168 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (THOUSAND LITER)

TABLE 169 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY COUNTRY, 2018–2025 (USD MILLION)

### 11.4.5.2 By type

TABLE 170 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (THOUSAND LITER)

TABLE 171 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY TYPE, 2018–2025 (USD MILLION)

### 11.4.5.3 By end-use

TABLE 172 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (THOUSAND LITER)

TABLE 173 SOUTH AMERICA: CELLULOSIC FIRE PROTECTION INTUMESCENT COATINGS MARKET SIZE, BY END-USE, 2018–2025 (USD MILLION)

## 12 APPENDIX

### 12.1 DISCUSSION GUIDE

### 12.2 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL

### 12.3 AVAILABLE CUSTOMIZATIONS

### 12.4 RELATED REPORTS

### 12.5 AUTHOR DETAILS

## I would like to order

Product name: Fireproofing Materials Market by Coating Type (Intumescent coatings- Thin film and Thick film, and Cementitious coatings- Cement-based and Gypsum based), End-use (Commercial, Industrial, and Residential) and by Region - Global Forecast to 2026

Product link: <https://marketpublishers.com/r/F1D93BF36517EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/F1D93BF36517EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970