

# Roofing Chemicals Market Assessment, By Type [Polyolefin, Polymeric Vinyl Chloride, Polyurethane, Others], By Application [Fiber Cement, Metal Roof Tiles, Concrete, Roof Waterproofing, Coil Coatings, Others], By End-user [Residential Roofing, Commercial Roofing], By Region, Opportunities and Forecast, 2016-2030F

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## Abstracts

Global Roofing Chemicals Market size was valued at USD 126.42 billion in 2022, expected to reach USD 220.48 billion in 2030 with a CAGR of 7.2% for the forecast period between 2023 and 2030. Cost reduction and effective installation in roofing systems are the primary factors that create enormous opportunities to explore different types of roofing chemicals. Using roofing chemicals is significantly used to maintain the roof's integrity. Polyvinyl chloride (PVC) is strong and resistant to moisture and abrasion. According to data, around three-quarters of the entire vinyl produced is delivered to high-rise buildings and construction applications. In addition, PVC is exceptionally versatile and potentially active in energy optimization at low cost. Roofs are highly prone to hazardous conditions and can deteriorate with changing weather.

### Incorporation of Bituminous Membrane as a Roofing Agent Augments Roofing Chemicals Market

Roofing systems are innovatively designed to be durable to wind, rain and deliver excellent performance to tough prevailing environmental conditions. Bituminous waterproofing membrane with suitable thickness is a remarkable roofing chemical that delivers impeccable mechanical properties like tensile strength, shear stress, and strain. It has the potential to withstand thermal and structural stresses with the variation in

weather over time. Such defined roofing chemical is used as a waterproofing membrane for numerous household constructions like balconies, terraces, and concrete slabs and it can be used as a single or multi-layer roofing system.

Data released by the European Steel Association (EUROFER) states that in 2022, the production volume in the European Union's construction sector substantially grew by 4.8%. Data published by Zippi states that in 2022, the National Roofing Contractors Association's annual revenue is USD 50 million. In 2022, CICA has successfully joined with three regional federations in the world, representing 61 countries.

### Thermoplastic Polyolefin Roofing Chemicals Solutions

The revolution and innovation in roofing solutions are equipped with enhanced, durable properties that eradicate the limitations of conventional roofing membranes. Flexible thermoplastic polyolefin roofing materials are generally manufactured with a wide range of thickness, and the structural design of such roofing membrane provides resistance to toughening puncture and tear and possess low thermal emissivity, imparting insulation along with preventing water and moisture from degrading the roof. These membrane roofing materials can be progressively used in new constructions, re-cover roof projects, and improve resistance to algae and ozone.

Dow, a giant chemical manufacturing company, has developed thermoplastic polyolefin roofing membrane solutions by the tradename ENGAGE, which is an ethylene-based solution prominently designed for low-sloped thermoplastic polyolefin (TPO) roofing membranes. These possess superior UV resistance and are tougher and more flexible. Bridge and Roof Co. India Ltd., a government organization in India, stated a revenue growth of 18.24% during the FY-2021-2022.

### Applications in Residential Development are Augmenting the Roofing Chemicals Market

Roofing chemicals are incorporated in providing effective roofing solutions to deliver waterproofing characteristics along with heat-reflective coatings. New residential constructions are accompanied by enhanced resistant properties to restrict the damage to the roof and surrounding walls from the environmental conditions. To keep inside cooler, roofs are made with suitable materials that possess a high solar reflective index and minimize the surface temperature. Roofing chemicals are integrated with the modified membranes of suitable polymers, which assist in retaining applied paint solutions.

A recent report published by the Canadian Construction Association states that the construction industry accounts for 7.4% of its gross domestic product (GDP), which generates a revenue of around USD 151 billion. The Canadian Home Builder's Association of BC, a leading entity for residential construction in British Columbia, reported an increment in revenue by 12%.

### Impact of COVID-19

The outbreak of COVID-19 has severely impacted numerous sectors and human livelihoods, where every person was vulnerable to infectious disease. The fight against COVID-19 was a challenging operation that evolved every sector to contribute their practices and eradicate the impact. Roofing Chemicals are extremely important for building effective home solutions concerning the variation in environmental conditions. The pandemic has subsequently halted every construction, including residential and commercial, that has led to severe economic impact. Several measures like lockdowns and distance have led to the shutdown of such constructions. However, the ease in such imposed conditions has forced real estate companies to increase their investment in building more residents and flats, which progressively led to the growth of the roofing chemicals market.

### Key Players Landscape and Outlook

The Roofing Chemicals market is successfully growing with the increasing demand of effective roofing solutions that assist in maintaining the temperature cooler than the outside prevailing one. Sika AG is a leading Chinese company that has developed incredible wide range of roofing solution based on different sets of applications. According to EU commissions & EAE more than 100 million square meters of Sika roofing membranes are installed every year across the world. They have roofing solutions based on bituminous membrane, liquid applied membrane, single ply membrane, etc. that have excellent waterproofing and heat reflective characteristics. In December 2022, Sika commenced new plant operation in Southwest China for liquid membrane and mortar production which will cover different districts with over 100 million inhabitants.

## Contents

### 1. RESEARCH METHODOLOGY

### 2. PROJECT SCOPE & DEFINITIONS

### 3. IMPACT OF COVID-19 ON THE ROOFING CHEMICALS MARKET

### 4. EXECUTIVE SUMMARY

### 5. VOICE OF CUSTOMER

#### 5.1. Market Awareness and Product Information

#### 5.2. Brand Awareness and Loyalty

#### 5.3. Factors Considered in Purchase Decision

##### 5.3.1. Brand Name

##### 5.3.2. Quality

##### 5.3.3. Quantity

##### 5.3.4. Price

##### 5.3.5. Product Specification

##### 5.3.6. Application Specification

##### 5.3.7. Shelf-life

##### 5.3.8. Availability of Product

#### 5.4. Frequency of Purchase

#### 5.5. Medium of Purchase

### 6. ROOFING CHEMICALS MARKET OUTLOOK, 2016-2030F

#### 6.1. Market Size & Forecast

##### 6.1.1. By Value

##### 6.1.2. By Volume

#### 6.2. By Type

##### 6.2.1. Polyolefin

##### 6.2.2. Polymeric Vinyl Chloride

##### 6.2.3. Polyurethane (PU)

##### 6.2.4. Others

#### 6.3. By Application

##### 6.3.1. Fiber Cement

##### 6.3.2. Metal Roof Tiles

- 6.3.3. Concrete
- 6.3.4. Roof Waterproofing
- 6.3.5. Coil Coatings
- 6.3.6. Others
- 6.4. By End User
  - 6.4.1. Residential Roofing
  - 6.4.2. Commercial Roofing
- 6.5. By Region
  - 6.5.1. North America
  - 6.5.2. Europe
  - 6.5.3. South America
  - 6.5.4. Asia-Pacific
  - 6.5.5. Middle East and Africa
- 6.6. By Company Market Share (%), 2022

## **7. ROOFING CHEMICALS MARKET OUTLOOK, BY REGION, 2016-2030F**

- 7.1. North America\*
  - 7.1.1. By Type
    - 7.1.1.1. Polyolefin
    - 7.1.1.2. Polymeric Vinyl Chloride
    - 7.1.1.3. Polyurethane (PU)
    - 7.1.1.4. Others
  - 7.1.2. By Application
    - 7.1.2.1. Fiber Cement
    - 7.1.2.2. Metal Roof Tiles
    - 7.1.2.3. Concrete
    - 7.1.2.4. Roof Waterproofing
    - 7.1.2.5. Coil Coatings
    - 7.1.2.6. Others
  - 7.1.3. By End User
    - 7.1.3.1. Residential Roofing
    - 7.1.3.2. Commercial Roofing
  - 7.1.4. United States\*
    - 7.1.4.1. By Type
      - 7.1.4.1.1. Polyolefin
      - 7.1.4.1.2. Polymeric Vinyl Chloride
      - 7.1.4.1.3. Polyurethane (PU)
      - 7.1.4.1.4. Others

#### 7.1.4.2. By Application

7.1.4.2.1. Fiber Cement

7.1.4.2.2. Metal Roof Tiles

7.1.4.2.3. Concrete

7.1.4.2.4. Roof Waterproofing

7.1.4.2.5. Coil Coatings

7.1.4.2.6. Others

#### 7.1.4.3. By End User

7.1.4.3.1. Residential Roofing

7.1.4.3.2. Commercial Roofing

#### 7.1.5. Canada

#### 7.1.6. Mexico

\*All segments will be provided for all regions and countries covered

### 7.2. Europe

7.2.1. Germany

7.2.2. France

7.2.3. Italy

7.2.4. United Kingdom

7.2.5. Russia

7.2.6. Netherlands

7.2.7. Spain

7.2.8. Turkey

7.2.9. Poland

### 7.3. South America

7.3.1. Brazil

7.3.2. Argentina

### 7.4. Asia-Pacific

7.4.1. India

7.4.2. China

7.4.3. Japan

7.4.4. Australia

7.4.5. Vietnam

7.4.6. South Korea

7.4.7. Indonesia

7.4.8. Philippines

### 7.5. Middle East & Africa

7.5.1. Saudi Arabia

7.5.2. UAE

7.5.3. South Africa

## **8. SUPPLY SIDE ANALYSIS**

- 8.1. Capacity, By Company
- 8.2. Production, By Company
- 8.3. Operating Efficiency, By Company
- 8.4. Key Plant Locations (Up to 25)

## **9. MARKET MAPPING, 2022**

- 9.1. By Type
- 9.2. By Applications
- 9.3. By End User
- 9.4. By Region

## **10. MACRO ENVIRONMENT AND INDUSTRY STRUCTURE**

- 10.1. Supply Demand Analysis
- 10.2. Import Export Analysis – Volume and Value
- 10.3. Supply/Value Chain Analysis
- 10.4. PESTEL Analysis
  - 10.4.1. Political Factors
  - 10.4.2. Economic System
  - 10.4.3. Social Implications
  - 10.4.4. Technological Advancements
  - 10.4.5. Environmental Impacts
  - 10.4.6. Legal Compliances and Regulatory Policies (Statutory Bodies Included)
- 10.5. Porter's Five Forces Analysis
  - 10.5.1. Supplier Power
  - 10.5.2. Buyer Power
  - 10.5.3. Substitution Threat
  - 10.5.4. Threat from New Entrant
  - 10.5.5. Competitive Rivalry

## **11. MARKET DYNAMICS**

- 11.1. Growth Drivers
- 11.2. Growth Inhibitors (Challenges, Restraints)

## **12. KEY PLAYERS LANDSCAPE**

- 12.1. Competition Matrix of Top Five Market Leaders
- 12.2. Market Revenue Analysis of Top Five Market Leaders (in %, 2022)
- 12.3. Mergers and Acquisitions/Joint Ventures (If Applicable)
- 12.4. SWOT Analysis (For Five Market Players)
- 12.5. Patent Analysis (If Applicable)

## **13. PRICING ANALYSIS**

## **14. CASE STUDIES**

## **15. KEY PLAYERS OUTLOOK**

- 15.1. Sika AG
  - 15.1.1. Company Details
  - 15.1.2. Key Management Personnel
  - 15.1.3. Products & Services
  - 15.1.4. Financials (As reported)
  - 15.1.5. Key Market Focus & Geographical Presence
  - 15.1.6. Recent Developments
- 15.2. GAF Materials Corporation.
- 15.3. BASF SE
- 15.4. Saint-Gobain S.A.
- 15.5. The Dow Chemical Company
- 15.6. Excel Coatings
- 15.7. Akzo Nobel N.V.
- 15.8. Greenshield
- 15.9. All Area Roofing, Inc.
- 15.10. 3M Company

\*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work

## **16. STRATEGIC RECOMMENDATIONS**

## **17. ABOUT US & DISCLAIMER**

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