

Cool Roofs Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Roof Type (Steep-Sloped Roof, Low-Sloped Roof), By Product Type (Coated Roofs, Foam Roofs, Single-Ply Membrane, Modified Bur, Metal Roofs, Asphalt Shingles, Tiles, Slates), By Application (Residential, Commercial, Industrial), By Region, By Competition, 2020-2030F

<https://marketpublishers.com/r/C14C6695534BEN.html>

Date: June 2025

Pages: 180

Price: US\$ 4,500.00 (Single User License)

ID: C14C6695534BEN

Abstracts

Market Overview

The Global Cool Roofs Market was valued at USD 25.64 Billion in 2024 and is projected to reach USD 39.66 Billion by 2030, growing at a CAGR of 7.38%. This market centers on roofing systems engineered to reflect more sunlight and absorb less heat than conventional roofs. These systems, made from reflective materials such as white membranes, coated metals, reflective tiles, or advanced coatings, help lower roof temperatures and improve energy efficiency in buildings. Cool roofs are increasingly adopted in both residential and commercial sectors, particularly in regions experiencing high temperatures and intense sunlight. Rising concerns about energy costs, urban heat islands, and sustainable construction have significantly influenced demand. Global energy regulations and building codes—especially in North America, Europe, and Asia-Pacific—are encouraging or mandating cool roof technologies. With advancements in materials, including elastomeric and infrared-reflective coatings, modern cool roofs now offer longer service life, enhanced durability, and aesthetic options suitable for various architectural applications. The integration of cool roofs with solar panels and green building certifications like LEED is also enhancing market growth.

Key Market Drivers

Growing Emphasis on Energy Efficiency and Sustainability in Building Design

The increasing focus on energy efficiency and sustainable construction is a major force behind the cool roofs market's expansion. These roofing systems use reflective materials that reduce heat absorption, thereby decreasing indoor cooling needs and energy consumption. This not only reduces utility costs and HVAC-related emissions but also supports urban heat island mitigation strategies. Regulatory mandates and sustainability certifications like LEED and BREEAM are pushing the use of cool roofing across the globe. Cities such as Los Angeles, New York, and Tokyo have incorporated cool roof ordinances to address rising urban temperatures. Additionally, consumer awareness about climate change and environmental responsibility is prompting more adoption in both new constructions and retrofits. Cool roofs are becoming essential components of modern green architecture, driven by both regulation and voluntary sustainability goals.

Key Market Challenges

High Initial Costs and Perceived ROI Concerns

A key challenge for the cool roofs market is the relatively higher initial cost compared to traditional roofing systems. These roofs require specialized reflective coatings, membranes, or materials that often come with premium pricing. Skilled labor and preparation requirements can further increase installation costs. While cool roofs promise long-term savings on energy bills, especially in hot climates, the ROI may take several years, which discourages investment—particularly in regions with low electricity prices or short building ownership timelines. In mixed or cold climates, energy savings during the summer might be offset by increased heating needs in winter, complicating ROI assessments. Additionally, a general lack of awareness in emerging markets about lifecycle cost benefits and energy savings from cool roofs adds to the adoption barrier.

Key Market Trends

Technological Advancement in Materials and Coatings

The cool roofs market is undergoing rapid innovation in reflective materials and coatings aimed at enhancing performance and efficiency. Elastomeric coatings, infrared-

reflective tiles, and reflective shingles are gaining popularity for their energy-saving potential and adaptability to varied climates. The use of nanomaterials, smart polymers, and temperature-adaptive coatings has led to products that offer both high reflectivity and improved insulation. Innovations like passive radiative cooling—where coatings emit absorbed heat into the atmosphere—are pushing energy efficiency to new levels. Single-ply membranes and advanced coatings are increasingly being applied to low-slope commercial roofs, reducing labor costs and increasing application flexibility. These innovations are not only boosting performance and product longevity but also aligning with green certifications and allowing integration with solar energy systems, making cool roofs a cornerstone of sustainable building design.

Key Market Players

GAF Materials Corporation

CertainTeed Corporation (Saint-Gobain S.A.)

Owens?Corning

BASF SE

Dow Inc. (The Dow Chemical Company)

Carlisle Companies Incorporated

Sika AG

PPG Industries, Inc.

Nippon Paint Holdings Co., Ltd.

Akzo Nobel N.V.

Report Scope:

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

Cool Roofs Market, By Roof Type:

Steep-Sloped Roof

Low-Sloped Roof

Cool Roofs Market, By Product Type:

Coated Roofs

Foam Roofs

Single-Ply Membrane

Modified Bur

Metal Roofs

Asphalt Shingles

Tiles

Slates

Cool Roofs Market, By Application:

Residential

Commercial

Industrial

Cool Roofs Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the Global Cool Roofs Market.

Available Customizations:

Global Cool Roofs 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
- 1.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

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 COOL ROOFS MARKET OUTLOOK

- 5.1. Market Size & Forecast

- 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Roof Type (Steep-Sloped Roof, Low-sloped Roof)
 - 5.2.2. By Product Type (Coated Roofs, Foam Roofs, Single-Ply Membrane, Modified Bur, Metal Roofs, Asphalt Shingles, Tiles, Slates)
 - 5.2.3. By Application (Residential, Commercial, Industrial)
 - 5.2.4. By Region
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA COOL ROOFS MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Roof Type
 - 6.2.2. By Product Type
 - 6.2.3. By Application
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Cool Roofs 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 Roof Type
 - 6.3.1.2.2. By Product Type
 - 6.3.1.2.3. By Application
 - 6.3.2. Canada Cool Roofs 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 Roof Type
 - 6.3.2.2.2. By Product Type
 - 6.3.2.2.3. By Application
 - 6.3.3. Mexico Cool Roofs 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 Roof Type

6.3.3.2.2. By Product Type

6.3.3.2.3. By Application

7. EUROPE COOL ROOFS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Roof Type

7.2.2. By Product Type

7.2.3. By Application

7.2.4. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Cool Roofs 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 Roof Type

7.3.1.2.2. By Product Type

7.3.1.2.3. By Application

7.3.2. United Kingdom Cool Roofs 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 Roof Type

7.3.2.2.2. By Product Type

7.3.2.2.3. By Application

7.3.3. Italy Cool Roofs 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 Roof Type

7.3.3.2.2. By Product Type

7.3.3.2.3. By Application

7.3.4. France Cool Roofs 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 Roof Type

- 7.3.4.2.2. By Product Type
- 7.3.4.2.3. By Application
- 7.3.5. Spain Cool Roofs 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 Roof Type
 - 7.3.5.2.2. By Product Type
 - 7.3.5.2.3. By Application

8. ASIA-PACIFIC COOL ROOFS MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Roof Type
 - 8.2.2. By Product Type
 - 8.2.3. By Application
 - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Cool Roofs 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 Roof Type
 - 8.3.1.2.2. By Product Type
 - 8.3.1.2.3. By Application
 - 8.3.2. India Cool Roofs 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 Roof Type
 - 8.3.2.2.2. By Product Type
 - 8.3.2.2.3. By Application
 - 8.3.3. Japan Cool Roofs 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 Roof Type

- 8.3.3.2.2. By Product Type
- 8.3.3.2.3. By Application
- 8.3.4. South Korea Cool Roofs 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 Roof Type
 - 8.3.4.2.2. By Product Type
 - 8.3.4.2.3. By Application
- 8.3.5. Australia Cool Roofs 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 Roof Type
 - 8.3.5.2.2. By Product Type
 - 8.3.5.2.3. By Application

9. SOUTH AMERICA COOL ROOFS MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Roof Type
 - 9.2.2. By Product Type
 - 9.2.3. By Application
 - 9.2.4. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Cool Roofs 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 Roof Type
 - 9.3.1.2.2. By Product Type
 - 9.3.1.2.3. By Application
 - 9.3.2. Argentina Cool Roofs 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 Roof Type

- 9.3.2.2.2. By Product Type
- 9.3.2.2.3. By Application
- 9.3.3. Colombia Cool Roofs 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 Roof Type
 - 9.3.3.2.2. By Product Type
 - 9.3.3.2.3. By Application

10. MIDDLE EAST AND AFRICA COOL ROOFS MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Roof Type
 - 10.2.2. By Product Type
 - 10.2.3. By Application
 - 10.2.4. By Country
- 10.3. Middle East and Africa: Country Analysis
 - 10.3.1. South Africa Cool Roofs 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 Roof Type
 - 10.3.1.2.2. By Product Type
 - 10.3.1.2.3. By Application
 - 10.3.2. Saudi Arabia Cool Roofs 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 Roof Type
 - 10.3.2.2.2. By Product Type
 - 10.3.2.2.3. By Application
 - 10.3.3. UAE Cool Roofs 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 Roof Type

- 10.3.3.2.2. By Product Type
- 10.3.3.2.3. By Application
- 10.3.4. Kuwait Cool Roofs Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Roof Type
 - 10.3.4.2.2. By Product Type
 - 10.3.4.2.3. By Application
- 10.3.5. Turkey Cool Roofs Market Outlook
 - 10.3.5.1. Market Size & Forecast
 - 10.3.5.1.1. By Value
 - 10.3.5.2. Market Share & Forecast
 - 10.3.5.2.1. By Roof Type
 - 10.3.5.2.2. By Product Type
 - 10.3.5.2.3. By Application

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

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

13. COMPANY PROFILES

- 13.1. GAF Materials Corporation
 - 13.1.1. Business Overview
 - 13.1.2. Key Revenue and Financials
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel/Key Contact Person
 - 13.1.5. Key Product/Services Offered
- 13.2. CertainTeed Corporation (Saint-Gobain S.A.)
- 13.3. Owens?Corning
- 13.4. BASF SE

13.5. Dow Inc. (The Dow Chemical Company)

13.6. Carlisle Companies Incorporated

13.7. Sika AG

13.8. PPG Industries, Inc.

13.9. Nippon Paint Holdings Co., Ltd.

13.10. Akzo Nobel N.V.

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Cool Roofs Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented, By Roof Type (Steep-Sloped Roof, Low-Sloped Roof), By Product Type (Coated Roofs, Foam Roofs, Single-Ply Membrane, Modified Bur, Metal Roofs, Asphalt Shingles, Tiles, Slates), By Application (Residential, Commercial, Industrial), By Region, By Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/C14C6695534BEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C14C6695534BEN.html>