

Bitumen Market By Type (Paving Grade Bitumen, Oxidized Grade Bitumen, Polymer Modified Bitumen, Bitumen Emulsions, Others), By End-use Industry (Road Construction, Waterproofing, Others): Global Opportunity Analysis and Industry Forecast, 2025-2034

Market Report | 2025-04-01 | 328 pages | Allied Market Research

AVAILABLE LICENSES:

- Cloud Access License \$2655.00
- Business User License \$4425.00
- Enterprise License \$7412.00

Report description:

The global bitumen market was valued at \$75.3 billion in 2024, and is projected to reach \$128.3 billion by 2034, growing at a CAGR of 5.6% from 2025 to 2034. Bitumen is a dark, thick, and sticky petroleum-based substance commonly used in road construction and waterproofing. It is obtained either naturally from deposits or as a residue during the refining of crude oil. Bitumen serves as a binding agent in asphalt mixtures, holding together aggregates to create strong, flexible road surfaces. It is known for its excellent waterproofing, adhesive, and durable properties, which also make it suitable for use in roofing, sealing, and insulation. Bitumen becomes fluid when heated, allowing it to be poured and shaped, and solidifies upon cooling, providing long-lasting support. Due to its recyclability, bitumen is considered an eco-friendly option in infrastructure development and plays a crucial role in modern civil engineering projects.

The global bitumen market is experiencing significant growth, driven by various factors. One of the primary drivers is the increasing infrastructure development and road construction activities worldwide. Governments are investing heavily in transportation networks to accommodate urbanization and population growth, particularly in emerging economies. This surge in infrastructure projects has led to a heightened demand for bitumen, especially pavinggrade bitumen, which is crucial for road construction.

However, the market faces certain restraints. Environmental concerns related to the production and usage of bitumen are significant. The process emits greenhouse gases and can lead to water pollution, prompting stricter environmental regulations. Additionally, the volatility in crude oil prices affects the cost of bitumen production, impacting market stability. The availability of alternative materials like concrete, which offer longer lifespans and lower maintenance, also poses a challenge to the bitumen market.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Despite these challenges, there are ample opportunities for growth. Technological advancements in bitumen production, such as the development of polymer-modified bitumen (PMB), are creating new avenues. PMB offers enhanced performance and durability, making it suitable for various applications. Moreover, the expanding use of bitumen in waterproofing and roofing applications contributes to market growth. The demand for bitumen emulsions for pavement preservation and maintenance is also on the rise.

The global bitumen market is segmented into type, end-use industry, and region. The types covered are paving grade bitumen, oxidized bitumen, polymer modified bitumen, bitumen emulsions and others. By end-use industry, the market is classified into road construction, waterproofing, and others. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA. The global bitumen market profiles leading key players such as Total Energies, Royal Dutch Shell Plc, Exxon Mobil Corporation, Indian Oil Corporation Limited, Hindustan Petroleum Corporation Limited, Bharat Petroleum Corporation Limited, Oil and Natural Gas Corporation (ONGC), Sinopec Corp., RAHA Bitumen, Inc., and Tiki Tar Industries India Limited

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the bitumen market analysis from 2024 to 2034 to identify the prevailing bitumen market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the bitumen market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global bitumen market trends, key players, market segments, application areas, and market growth strategies.

Additional benefits you will get with this purchase are:

- Quarterly Update and* (only available with a corporate license, on listed price)
- 5 additional Company Profile of client Choice pre- or Post-purchase, as a free update.
- Free Upcoming Version on the Purchase of Five and Enterprise User License.
- 16 analyst hours of support* (post-purchase, if you find additional data requirements upon review of the report, you may receive support amounting to 16 analyst hours to solve questions, and post-sale queries)
- 15% Free Customization* (in case the scope or segment of the report does not match your requirements, 15% is equivalent to 3 working days of free work, applicable once)
- Free data Pack on the Five and Enterprise User License. (Excel version of the report)
- Free Updated report if the report is 6-12 months old or older.
- 24-hour priority response*
- Free Industry updates and white papers.

Possible Customization with this report (with additional cost and timeline, please talk to the sales executive to know more)

- Manufacturing Capacity
- Installed Base analysis
- Investment Opportunities
- Supply Chain Analysis & Vendor Margins
- Upcoming/New Entrant by Regions
- Technology Trend Analysis
- Average Consumer Expenditure
- Consumer Preference and Product Specifications
- Go To Market Strategy

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- New Product Development/ Product Matrix of Key Players
- Pain Point Analysis
- Patient/epidemiology data at country, region, global level
- Regulatory Guidelines
- Surgical procedures data- specific or multiple surgery types
- Additional company profiles with specific to client's interest
- Additional country or region analysis- market size and forecast
- Criss-cross segment analysis- market size and forecast
- Expanded list for Company Profiles
- Historic market data
- Import Export Analysis/Data
- Key player details (including location, contact details, supplier/vendor network etc. in excel format)
- SWOT Analysis
- Volume Market Size and Forecast

Key Market Segments

By Type

- Paving Grade Bitumen
- Oxidized Grade Bitumen
- Polymer Modified Bitumen
- Bitumen Emulsions
- Others

By End-use Industry

- Road Construction
- Waterproofing
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- Germany
- UK
- France
- Spain
- Italy
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Australia
- Rest of Asia-Pacific
- LAMEA
- Brazil
- Saudi Arabia

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- South Africa
- Rest of LAMEA
- Key Market Players
- Royal Dutch Shell plc
- Exxon Mobil Corporation
- Hindustan Petroleum Corporation Ltd
- RAHA Bitumen, Inc.
- Sinopec Corp.
- Oil & Natural Gas Corporation (ONGC)
- Total Energies
- Indian Oil Corporation Limited
- Bharat Petroleum Corporation Limited
- Tiki Tar Industries India Ltd

Table of Contents:

CHAPTER 1: INTRODUCTION

- 1.1. Report description
- 1.2. Key market segments
- 1.3. Key benefits to the stakeholders
- 1.4. Research methodology
 - 1.4.1. Primary research
 - 1.4.2. Secondary research
 - 1.4.3. Analyst tools and models

CHAPTER 2: EXECUTIVE SUMMARY

- 2.1. CXO perspective

CHAPTER 3: MARKET OVERVIEW

- 3.1. Market definition and scope
- 3.2. Key findings
 - 3.2.1. Top impacting factors
 - 3.2.2. Top investment pockets
- 3.3. Porter's five forces analysis
 - 3.3.1. Medium bargaining power of suppliers
 - 3.3.2. Medium threat of new entrants
 - 3.3.3. Medium threat of substitutes
 - 3.3.4. Medium intensity of rivalry
 - 3.3.5. Medium bargaining power of buyers
- 3.4. Market dynamics
 - 3.4.1. Drivers
 - 3.4.1.1. Growth of the construction and infrastructure sectors
 - 3.4.1.2. Increasing use of modified bitumen and bitumen emulsions
 - 3.4.1.3. Geopolitical developments
 - 3.4.2. Restraints
 - 3.4.2.1. Environmental and regulatory challenges
 - 3.4.2.2. Volatile pricing and dependency on crude oil
 - 3.4.2.3. Rise of alternative materials and technologies
 - 3.4.3. Opportunities
 - 3.4.3.1. Adoption of innovative and sustainable bitumen products

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

3.5. Value Chain Analysis

CHAPTER 4: BITUMEN MARKET, BY TYPE

4.1. Overview

4.1.1. Market size and forecast

4.2. Paving Grade Bitumen

4.2.1. Key market trends, growth factors and opportunities

4.2.2. Market size and forecast, by region

4.2.3. Market share analysis by country

4.3. Oxidized Grade Bitumen

4.3.1. Key market trends, growth factors and opportunities

4.3.2. Market size and forecast, by region

4.3.3. Market share analysis by country

4.4. Polymer Modified Bitumen

4.4.1. Key market trends, growth factors and opportunities

4.4.2. Market size and forecast, by region

4.4.3. Market share analysis by country

4.5. Bitumen Emulsions

4.5.1. Key market trends, growth factors and opportunities

4.5.2. Market size and forecast, by region

4.5.3. Market share analysis by country

4.6. Others

4.6.1. Key market trends, growth factors and opportunities

4.6.2. Market size and forecast, by region

4.6.3. Market share analysis by country

CHAPTER 5: BITUMEN MARKET, BY END-USE INDUSTRY

5.1. Overview

5.1.1. Market size and forecast

5.2. Road Construction

5.2.1. Key market trends, growth factors and opportunities

5.2.2. Market size and forecast, by region

5.2.3. Market share analysis by country

5.3. Waterproofing

5.3.1. Key market trends, growth factors and opportunities

5.3.2. Market size and forecast, by region

5.3.3. Market share analysis by country

5.4. Others

5.4.1. Key market trends, growth factors and opportunities

5.4.2. Market size and forecast, by region

5.4.3. Market share analysis by country

CHAPTER 6: BITUMEN MARKET, BY REGION

6.1. Overview

6.1.1. Market size and forecast By Region

6.2. North America

6.2.1. Key market trends, growth factors and opportunities

6.2.2. Market size and forecast, by Type

6.2.3. Market size and forecast, by End-use Industry

6.2.4. Market size and forecast, by country

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.2.4.1. U.S.
 - 6.2.4.1.1. Market size and forecast, by Type
 - 6.2.4.1.2. Market size and forecast, by End-use Industry
- 6.2.4.2. Canada
 - 6.2.4.2.1. Market size and forecast, by Type
 - 6.2.4.2.2. Market size and forecast, by End-use Industry
- 6.2.4.3. Mexico
 - 6.2.4.3.1. Market size and forecast, by Type
 - 6.2.4.3.2. Market size and forecast, by End-use Industry
- 6.3. Europe
 - 6.3.1. Key market trends, growth factors and opportunities
 - 6.3.2. Market size and forecast, by Type
 - 6.3.3. Market size and forecast, by End-use Industry
 - 6.3.4. Market size and forecast, by country
 - 6.3.4.1. Germany
 - 6.3.4.1.1. Market size and forecast, by Type
 - 6.3.4.1.2. Market size and forecast, by End-use Industry
 - 6.3.4.2. UK
 - 6.3.4.2.1. Market size and forecast, by Type
 - 6.3.4.2.2. Market size and forecast, by End-use Industry
 - 6.3.4.3. France
 - 6.3.4.3.1. Market size and forecast, by Type
 - 6.3.4.3.2. Market size and forecast, by End-use Industry
 - 6.3.4.4. Spain
 - 6.3.4.4.1. Market size and forecast, by Type
 - 6.3.4.4.2. Market size and forecast, by End-use Industry
 - 6.3.4.5. Italy
 - 6.3.4.5.1. Market size and forecast, by Type
 - 6.3.4.5.2. Market size and forecast, by End-use Industry
 - 6.3.4.6. Rest of Europe
 - 6.3.4.6.1. Market size and forecast, by Type
 - 6.3.4.6.2. Market size and forecast, by End-use Industry
- 6.4. Asia-Pacific
 - 6.4.1. Key market trends, growth factors and opportunities
 - 6.4.2. Market size and forecast, by Type
 - 6.4.3. Market size and forecast, by End-use Industry
 - 6.4.4. Market size and forecast, by country
 - 6.4.4.1. China
 - 6.4.4.1.1. Market size and forecast, by Type
 - 6.4.4.1.2. Market size and forecast, by End-use Industry
 - 6.4.4.2. India
 - 6.4.4.2.1. Market size and forecast, by Type
 - 6.4.4.2.2. Market size and forecast, by End-use Industry
 - 6.4.4.3. Japan
 - 6.4.4.3.1. Market size and forecast, by Type
 - 6.4.4.3.2. Market size and forecast, by End-use Industry
 - 6.4.4.4. South Korea

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.4.4.4.1. Market size and forecast, by Type
- 6.4.4.4.2. Market size and forecast, by End-use Industry
- 6.4.4.5. Australia
 - 6.4.4.5.1. Market size and forecast, by Type
 - 6.4.4.5.2. Market size and forecast, by End-use Industry
- 6.4.4.6. Rest of Asia-Pacific
 - 6.4.4.6.1. Market size and forecast, by Type
 - 6.4.4.6.2. Market size and forecast, by End-use Industry
- 6.5. LAMEA
 - 6.5.1. Key market trends, growth factors and opportunities
 - 6.5.2. Market size and forecast, by Type
 - 6.5.3. Market size and forecast, by End-use Industry
 - 6.5.4. Market size and forecast, by country
 - 6.5.4.1. Brazil
 - 6.5.4.1.1. Market size and forecast, by Type
 - 6.5.4.1.2. Market size and forecast, by End-use Industry
 - 6.5.4.2. Saudi Arabia
 - 6.5.4.2.1. Market size and forecast, by Type
 - 6.5.4.2.2. Market size and forecast, by End-use Industry
 - 6.5.4.3. South Africa
 - 6.5.4.3.1. Market size and forecast, by Type
 - 6.5.4.3.2. Market size and forecast, by End-use Industry
 - 6.5.4.4. Rest of LAMEA
 - 6.5.4.4.1. Market size and forecast, by Type
 - 6.5.4.4.2. Market size and forecast, by End-use Industry

CHAPTER 7: COMPETITIVE LANDSCAPE

- 7.1. Introduction
- 7.2. Top winning strategies
- 7.3. Product mapping of top 10 player
- 7.4. Competitive dashboard
- 7.5. Competitive heatmap
- 7.6. Top player positioning, 2024

CHAPTER 8: COMPANY PROFILES

- 8.1. Total Energies
 - 8.1.1. Company overview
 - 8.1.2. Key executives
 - 8.1.3. Company snapshot
 - 8.1.4. Operating business segments
 - 8.1.5. Product portfolio
 - 8.1.6. Business performance
- 8.2. Royal Dutch Shell plc
 - 8.2.1. Company overview
 - 8.2.2. Key executives
 - 8.2.3. Company snapshot
 - 8.2.4. Operating business segments
 - 8.2.5. Product portfolio
 - 8.2.6. Business performance

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3. Exxon Mobil Corporation
 - 8.3.1. Company overview
 - 8.3.2. Key executives
 - 8.3.3. Company snapshot
 - 8.3.4. Operating business segments
 - 8.3.5. Product portfolio
 - 8.3.6. Business performance
- 8.4. Indian Oil Corporation Limited
 - 8.4.1. Company overview
 - 8.4.2. Key executives
 - 8.4.3. Company snapshot
 - 8.4.4. Operating business segments
 - 8.4.5. Product portfolio
 - 8.4.6. Business performance
- 8.5. Hindustan Petroleum Corporation Ltd
 - 8.5.1. Company overview
 - 8.5.2. Key executives
 - 8.5.3. Company snapshot
 - 8.5.4. Operating business segments
 - 8.5.5. Product portfolio
 - 8.5.6. Business performance
 - 8.5.7. Key strategic moves and developments
- 8.6. Bharat Petroleum Corporation Limited
 - 8.6.1. Company overview
 - 8.6.2. Key executives
 - 8.6.3. Company snapshot
 - 8.6.4. Operating business segments
 - 8.6.5. Product portfolio
 - 8.6.6. Business performance
- 8.7. Oil & Natural Gas Corporation (ONGC)
 - 8.7.1. Company overview
 - 8.7.2. Key executives
 - 8.7.3. Company snapshot
 - 8.7.4. Operating business segments
 - 8.7.5. Product portfolio
 - 8.7.6. Business performance
- 8.8. Sinopec Corp.
 - 8.8.1. Company overview
 - 8.8.2. Key executives
 - 8.8.3. Company snapshot
 - 8.8.4. Operating business segments
 - 8.8.5. Product portfolio
 - 8.8.6. Business performance
- 8.9. RAHA Bitumen, Inc.
 - 8.9.1. Company overview
 - 8.9.2. Key executives
 - 8.9.3. Company snapshot

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.9.4. Operating business segments
- 8.9.5. Product portfolio
- 8.10. Tiki Tar Industries India Ltd
 - 8.10.1. Company overview
 - 8.10.2. Key executives
 - 8.10.3. Company snapshot
 - 8.10.4. Operating business segments
 - 8.10.5. Product portfolio

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Bitumen Market By Type (Paving Grade Bitumen, Oxidized Grade Bitumen, Polymer Modified Bitumen, Bitumen Emulsions, Others), By End-use Industry (Road Construction, Waterproofing, Others): Global Opportunity Analysis and Industry Forecast, 2025-2034

Market Report | 2025-04-01 | 328 pages | Allied Market Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Cloud Access License	\$2655.00
	Business User License	\$4425.00
	Enterprise License	\$7412.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Date

2026-03-03

Signature

A large, empty rectangular box intended for a signature.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com