

Asphalt Additives Market Size Analysis Report - Market Share, Forecast Trends and Outlook (2025-2034)

Market Report | 2025-07-28 | 167 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global asphalt additives market is expected to grow at a CAGR of 6.70% during the period 2025-2034.

The Global Asphalt Additives Market Likely to be Driven by Rising Traffic Volumes and Infrastructure Development Projects

The global market for asphalt additives is expected to be driven by novel construction projects. Rising traffic volumes and emphasis on environmentally friendly infrastructure development approaches are likely to further increase demand for bitumen/asphalt additives. North America, Europe and Asia are projected to be key markets.

Different types of asphalt additives are employed to enhance the performance of Warm Mix. Amide waxes, montan waxes, low Fischer-Tropsch (FT) paraffin, and zeolites are generally used as additives. Warm Mix Asphalt (WMA) and associated technologies were introduced to decrease greenhouse gas emissions by lowering the mixing and compaction temperatures of asphalt mix. WMA became popular with the environmental benefits it offered without reducing the quality, properties and performance of the asphalt mix. WMA is manufactured at considerably lower temperatures (a little over 100 degrees C), which results in lesser consumption of energy, lower emissions, reduced ageing, decreased mixing and compaction temperatures, cool weather paving and better mix workability. Several of these benefits are linked to additive use in WMA. Additives may enable better WMA performance as compared to Hot Mix Asphalt (HMA) approaches. WMA technologies largely concentrate on the binder (bitumen) by incorporating additives to enhance its properties.

Organic WMA additives (such as natural or synthetic waxes and fatty amides) decrease bitumen viscosity and enhance workability. Paraffin waxes are commonly employed additives to increase flow and quality of binder. Paraffin waxes may either be naturally occurring bituminous waxes or synthetic waxes. Sasobit by Sasol is an example of industrially synthesized wax that is quite effectual in WMA. Lowering binder viscosity, Sasobit modifies flow in the mix and enables free movement of aggregates. After cooling, Sasobit crystallizes and creates an even network in the binder. Licomont BS 100 (a fatty acid amide) by Clariant is

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

another organic additive that decreases binder viscosity. □Asphaltan B (a mix of wax extracted from lignite and fatty acid amides) by Romonta GmbH is another additive that reduces asphalt binder viscosity.

Chemical additives are among emergent WMA technologies. These help in enhancing the capability of the asphalt binder to coat the aggregate particles instead of decreasing binder viscosity. Chemical additives include emulsions and surfactants that function at the binder's microscopic interface to control and lessen frictional forces within a temperature range (generally 85-140 degrees C). Evotherm by Ingevity and Rediset by Nouryon (earlier Akzo Nobel) are examples of commonly used chemical additives.

Advances in Rejuvenator Segment Expected to Stimulate Growth

Asphalt additives called rejuvenators (bio-based additives extracted from agricultural raw material) have exhibited the potential to facilitate higher proportions of recycled asphalt pavement (RAP) in road mixes. Advancements in the rejuvenator segment are expected to boost the market. Cargill and Hardrives have been engaged in the testing of a plant-based product - Anova - in partnership with the Minnesota Dept. of Transportation and its MnROAD test facility, and with the National Center for Asphalt Technology at Auburn University in Alabama.

The Illinois Tollway, the agency operating and maintaining toll roads in the state of Illinois, is testing rejuvenators to enhance RAP percentage capable of being used in roads while maintaining performance. One such rejuvenator is ReLIXIR by Sripath Technologies. The bio-oil based solution has been reported to be on the approved list for 60% of US states; it has also been used in India, Australia and New Zealand.

Global Asphalt Additives Market Segmentation

The EMR's report titled "Asphalt Additives Market Report and Forecast 2025-2034" offers a detailed analysis of the market based on the following segments:

By type, the market is segmented into:

- Polymerized Asphalt Cement
- Novophalt
- Multigrade Asphalt Cement
- Polyester Modifier
- Others

By application, the market is divided into:

- Road Construction
- Road Paving
- Airport Runway
- Parking Lots
- Roofing
- Others

By region, the market is classified into:

- North America
- Europe

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Asia Pacific
- Latin America
- Middle East and Africa

Key Industry Players in the Global Asphalt Additives Market

The report presents a detailed analysis of the following key players in the market, looking into their capacity, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Cargill, Inc.
- Evonik Industries AG
- Honeywell International Inc.
- The Dow Chemical Company
- Arkema S.A.
- Others

The EMR report gives an in-depth insight into the industry by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Asphalt Additives Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Asphalt Additives Historical Market (2018-2024)
 - 5.3 Global Asphalt Additives Market Forecast (2025-2034)
 - 5.4 Global Asphalt Additives Market by Type
 - 5.4.1 Polymerized Asphalt Cement
 - 5.4.1.1 Market Share
 - 5.4.1.2 Historical Trend (2018-2024)
 - 5.4.1.3 Forecast Trend (2025-2034)
 - 5.4.2 Novophalt
 - 5.4.2.1 Market Share
 - 5.4.2.2 Historical Trend (2018-2024)
 - 5.4.2.3 Forecast Trend (2025-2034)
 - 5.4.3 Multigrade Asphalt Cement
 - 5.4.3.1 Market Share
 - 5.4.3.2 Historical Trend (2018-2024)
 - 5.4.3.3 Forecast Trend (2025-2034)
 - 5.4.4 Polyester Modifier
 - 5.4.4.1 Market Share
 - 5.4.4.2 Historical Trend (2018-2024)
 - 5.4.4.3 Forecast Trend (2025-2034)
 - 5.4.5 Others
 - 5.5 Global Asphalt Additives Market by Application
 - 5.5.1 Road Construction
 - 5.5.1.1 Market Share
 - 5.5.1.2 Historical Trend (2018-2024)
 - 5.5.1.3 Forecast Trend (2025-2034)
 - 5.5.2 Road Paving
 - 5.5.2.1 Market Share
 - 5.5.2.2 Historical Trend (2018-2024)
 - 5.5.2.3 Forecast Trend (2025-2034)
 - 5.5.3 Airport Runway
 - 5.5.3.1 Market Share
 - 5.5.3.2 Historical Trend (2018-2024)
 - 5.5.3.3 Forecast Trend (2025-2034)
 - 5.5.4 Parking Lots
 - 5.5.4.1 Market Share
 - 5.5.4.2 Historical Trend (2018-2024)
 - 5.5.4.3 Forecast Trend (2025-2034)
 - 5.5.5 Roofing
 - 5.5.5.1 Market Share
 - 5.5.5.2 Historical Trend (2018-2024)
 - 5.5.5.3 Forecast Trend (2025-2034)
 - 5.5.6 Others

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

5.6 Global Asphalt Additives Market by Region

5.6.1 North America

5.6.1.1 Market Share

5.6.1.2 Historical Trend (2018-2024)

5.6.1.3 Forecast Trend (2025-2034)

5.6.2 Europe

5.6.2.1 Market Share

5.6.2.2 Historical Trend (2018-2024)

5.6.2.3 Forecast Trend (2025-2034)

5.6.3 Asia Pacific

5.6.3.1 Market Share

5.6.3.2 Historical Trend (2018-2024)

5.6.3.3 Forecast Trend (2025-2034)

5.6.4 Latin America

5.6.4.1 Market Share

5.6.4.2 Historical Trend (2018-2024)

5.6.4.3 Forecast Trend (2025-2034)

5.6.5 Middle East and Africa

5.6.5.1 Market Share

5.6.5.2 Historical Trend (2018-2024)

5.6.5.3 Forecast Trend (2025-2034)

6 North America Asphalt Additives Market Analysis

6.1 United States of America

6.1.1 Market Share

6.1.2 Historical Trend (2018-2024)

6.1.3 Forecast Trend (2025-2034)

6.2 Canada

6.2.1 Market Share

6.2.2 Historical Trend (2018-2024)

6.2.3 Forecast Trend (2025-2034)

7 Europe Asphalt Additives Market Analysis

7.1 United Kingdom

7.1.1 Market Share

7.1.2 Historical Trend (2018-2024)

7.1.3 Forecast Trend (2025-2034)

7.2 Germany

7.2.1 Market Share

7.2.2 Historical Trend (2018-2024)

7.2.3 Forecast Trend (2025-2034)

7.3 France

7.3.1 Market Share

7.3.2 Historical Trend (2018-2024)

7.3.3 Forecast Trend (2025-2034)

7.4 Italy

7.4.1 Market Share

7.4.2 Historical Trend (2018-2024)

7.4.3 Forecast Trend (2025-2034)

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

7.5 Others

8 Asia Pacific Asphalt Additives Market Analysis

8.1 China

8.1.1 Market Share

8.1.2 Historical Trend (2018-2024)

8.1.3 Forecast Trend (2025-2034)

8.2 Japan

8.2.1 Market Share

8.2.2 Historical Trend (2018-2024)

8.2.3 Forecast Trend (2025-2034)

8.3 India

8.3.1 Market Share

8.3.2 Historical Trend (2018-2024)

8.3.3 Forecast Trend (2025-2034)

8.4 ASEAN

8.4.1 Market Share

8.4.2 Historical Trend (2018-2024)

8.4.3 Forecast Trend (2025-2034)

8.5 Australia

8.5.1 Market Share

8.5.2 Historical Trend (2018-2024)

8.5.3 Forecast Trend (2025-2034)

8.6 Others

9 Latin America Asphalt Additives Market Analysis

9.1 Brazil

9.1.1 Market Share

9.1.2 Historical Trend (2018-2024)

9.1.3 Forecast Trend (2025-2034)

9.2 Argentina

9.2.1 Market Share

9.2.2 Historical Trend (2018-2024)

9.2.3 Forecast Trend (2025-2034)

9.3 Mexico

9.3.1 Market Share

9.3.2 Historical Trend (2018-2024)

9.3.3 Forecast Trend (2025-2034)

9.4 Others

10 Middle East and Africa Asphalt Additives Market Analysis

10.1 Saudi Arabia

10.1.1 Market Share

10.1.2 Historical Trend (2018-2024)

10.1.3 Forecast Trend (2025-2034)

10.2 United Arab Emirates

10.2.1 Market Share

10.2.2 Historical Trend (2018-2024)

10.2.3 Forecast Trend (2025-2034)

10.3 Nigeria

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.3.1 Market Share
- 10.3.2 Historical Trend (2018-2024)
- 10.3.3 Forecast Trend (2025-2034)
- 10.4 South Africa
 - 10.4.1 Market Share
 - 10.4.2 Historical Trend (2018-2024)
 - 10.4.3 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 Cargill, Inc.
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 Evonik Industries AG
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 Honeywell International Inc.
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 The Dow Chemical Company
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 13.5.4.3 Demographic Reach and Achievements
- 13.5.4.4 Certifications
- 13.5.5 Arkema S.A.
 - 13.5.5.1 Company Overview
 - 13.5.5.2 Product Portfolio
 - 13.5.5.3 Demographic Reach and Achievements
 - 13.5.5.4 Certifications
- 13.5.6 Others

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Asphalt Additives Market Size Analysis Report - Market Share, Forecast Trends and Outlook (2025-2034)

Market Report | 2025-07-28 | 167 pages | EMR Inc.

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
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		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"/>
		Date	<input type="text" value="2026-03-06"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

