

Global Autoclaved Aerated Concrete Market: Key Trends, Market Share, Growth Drivers, and Forecast for 2025-2034

The Business Research Company's Autoclaved Aerated Concrete Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034

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[/Einpresswire.com/](https://www.einpresswire.com/) -- The autoclaved aerated concrete market has

experienced strong growth in recent years. It is expected to increase from \$16.9 billion in 2024 to \$18.49 billion in 2025, with a compound annual growth rate (CAGR) of 9.4%. The growth during the historical period is attributed to factors such as concerns over energy efficiency, rapid economic development, higher infrastructure spending, rising demand for affordable housing, and the weight and structural benefits of autoclaved aerated concrete.



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How Big Is the Global Autoclaved Aerated Concrete Market Expected to Grow, and What Is Its Annual Growth Rate? The autoclaved aerated concrete market is expected to experience strong growth in the coming years, reaching \$26.42 billion by 2029, with a compound annual growth rate (CAGR) of 9.3%. This growth during the forecast period is driven by factors such as the growing adoption of green

building standards, increasing urbanization, government initiatives for sustainable construction, heightened awareness of fire safety, and rising industrialization. Key trends in the forecast period include advancements in autoclaved aerated concrete (AAC) technology, the use of AAC in prefabricated construction, the development of innovative AAC product variations, digitalization in AAC manufacturing, and the application of AAC in high-rise buildings.

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What Is Driving the Growth of the Autoclaved Aerated Concrete Market?

The growing construction of green buildings is expected to drive the expansion of the autoclaved aerated concrete market. Green buildings are designed to be more energy-efficient and sustainable, resulting in a reduced carbon footprint and minimal environmental impact.

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Which Leading Companies Are Driving The Growth Of The Autoclaved Aerated Concrete Market Share?

Major companies operating in the autoclaved aerated concrete market include Aerated Concrete Industries Company, Aercon Florida LLC, Akg Gazbeton Isletmeleri AS, Bauroc AS, Biltech Building Elements Limited, Brickwell Manufacturing Private Limited, Buildmate Projects Pvt. Ltd.

What Are The Key Trends Driving The Growth Of The Autoclaved Aerated Concrete Market Size?

Leading companies in the autoclaved aerated concrete market are concentrating on investments to grow their presence in the market. These investments refer to the financial resources that a company allocates to various assets, projects, or ventures, anticipating future returns or benefits.

How Is the Global Autoclaved Aerated Concrete Market Segmented?

The autoclaved aerated concrete market covered in this report is segmented –

- 1) By Type: Block, Lintel, Panel, Other Types
- 2) By Application: Construction Material, Roof Insulation, Roof Sub Bases, Bridge Sub-Structures, Concrete Pipes, Void Filling, Other Applications
- 3) By End User: Residential, Non-residential

Subsegments:

- 1) By Block: Standard AAC Blocks, Lightweight AAC Blocks, Load-Bearing AAC Blocks
- 2) By Lintel: AAC Lintels For Doorways, AAC Lintels For Windows, Custom AAC Lintels
- 3) By Panel: Wall Panels, Roof Panels, Floor Panels
- 4) By Other Types: AAC Bricks, AAC Planks, AAC Precast Elements.

The Leading Region in the Autoclaved Aerated Concrete Market is:

Asia-Pacific was the largest region in the autoclaved aerated concrete market share in 2024 and is also expected to be the fastest-growing region in the forecast period.

What Is the Autoclaved Aerated Concrete Market?

Autoclaved aerated concrete is a lightweight, porous silicate concrete material made using fly ash, a byproduct of thermal power plants, as the primary raw material. It consists of fine aggregates, cement, and an expansion agent that causes the freshly mixed material to rise, similar to bread dough. This provides several advantages for the construction industry, including a unique combination of low weight, structural rigidity, cost-effectiveness, and durability.

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