

Global Pollution Absorbing Bricks Market Size study & Forecast, by End User (Residential Sector, Non-Residential Sector) by Application (Structural, Non-Structural), by Material Type (Concrete, Clay) and Regional Analysis, 2023-2030

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Abstracts

Global Pollution Absorbing Bricks Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Pollution-absorbing bricks are a type of building material that incorporates technology or additives to help reduce air pollution. These bricks are designed to mitigate the negative effects of air pollution by absorbing certain pollutants from the surrounding air. The exact mechanisms and materials used in these bricks can vary depending on the specific technology employed. The Pollution Absorbing Bricks market is expanding because of factors such as growing concerns regarding environmental degradation and growing government initiatives promoting green building practices.

The rising investment in green building projects has been instrumental in driving the growth of pollution-absorbing bricks. As sustainability and environmental concerns continue to gain prominence, there is a growing emphasis on developing construction materials that help mitigate pollution and improve air quality. According to Statista, Annual investment in energy efficient buildings globally in year 2019 stood at USD 164 billion which increased to USD 215 billion in year 2022 and it is projected to reach at USD 536 billion by year 2050. This rising investment indicates the high adoption of green building across the globe. Furthermore, In July 2022, China's National Development and Reform Commission has unveiled a proposal to cover at least 50% of newly constructed public buildings and factories in cities and towns with solar panels by 2025. Thus, rising investment in green buildings and rising government initiatives for

promoting green building is driving the market growth. In addition, rising development of the residential and nonresidential construction sectors and rise in awareness regarding use of sustainable and environment friendly construction material as well as advancements in material science and construction technology are some factors creating a lucrative opportunity to the market growth. However, lack of awareness regarding multiple benefits associated with pollution absorbing bricks stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Pollution Absorbing Bricks Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to factors such as rising number of green building projects, rising number of construction activities, and rising government projects for using sustainable construction materials. Whereas, Asia Pacific region is projected to have fastest growth owing to factors such as rising construction projects, rising adoption of green building projects, and technological development for material advancement is driving the market growth.

Major market player included in this report are:

Midwest Block & brick

Triangle Brick Co.

Brampton Brick

Ecobrick Alliance Earth Enterprise

Acme Brick Company

General Shale, Inc.

glen-gery corporation

Carolina Ceramics Brick Company

Wienerberger AG

Ramtsilo Bricks & Construction

Recent Developments in the Market:

In August 2021, Jiaxing Zhongnan Construction Group Co. Ltd and the Australian business ClearVue Technologies inked a memorandum of understanding, allowing ClearVue Technologies to expand and market its transparent solar technology in China. To create clean energy while lowering pollutants, the technology can be put into bricks that absorb it.

In May 2021, The Dutch building company Vandersanden Group has developed a new kind of pollution-absorbing brick that uses photocatalytic technology to degrade pollutants when exposed to sunshine. The company claims that its bricks may reduce nitrogen oxide levels in cities by up to 50%.

Global Pollution Absorbing Bricks Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – End User, Application, Material Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By End User:

Residential Sector

Non-Residential Sector

By Application:

Structural

Non-Structural

By Material Type:

Concrete

Clay

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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