

Fly Ash Market by Type (Type F, Type C), Application (Portland Cement & Concrete, Bricks & Blocks, Road Construction, Agriculture), and Region (Asia Pacific, Europe, North America, Middle East & Africa, South America) - Global Forecast to 2023

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Abstracts

The fly ash market is projected to grow at a CAGR of 6.0% from 2018 to 2023

The fly ash market is projected to reach USD 4.5 billion by 2023 from USD 3.4 billion in 2018, at a CAGR of 6.0% between 2018 and 2023. This growth can be attributed to the growth in construction industry, increasing focus on infrastructure and road paving, problems related to dumping fly ash, promotion of fly ash by governments of various countries, and increasing focus on the use of environment-friendly products.

Nonsuitability of fly ash in cold weather concreting and decreasing share of thermal power in the energy mix may restrain the growth of the fly ash market.

“Based on type, the Class F segment is expected to grow at the highest CAGR.”

The use of Class F fly ash is mostly in Portland cement where it is used in mass concrete and high strength mixes. It is also suitable for concreting in summer as it moderates heat gain during concrete curing. The growth in the consumption of cement and cementitious materials in the construction sectors across the globe has driven the demand for Class F fly ash.

“Portland cement & concrete segment is expected to be the fastest growing application segment.”

Construction expenditure in the Asia Pacific region has been increasing due to the rising

demand for residential and non-residential buildings. The governments of countries such as China, India, Malaysia, and Indonesia are investing in infrastructure development, including the construction of new highways and freeways, thus driving the growth of the Portland cement & concrete application segment.

“Asia Pacific is expected to be the fastest-growing fly ash market.”

The Asia Pacific fly ash market is projected to grow at the highest CAGR from 2018 to 2023. The growing population in this region is placing a strain on the existing infrastructure and leading to the need for additional developments in the rail networks, residential buildings, and roadways. There is a significant need to invest in additional infrastructure to reduce the gap in the existing and the required infrastructure in the region. Rising demand from the construction and infrastructure sectors are expected to drive the global fly ash market.

Profile break-up of primary participants for the report:

By Company Type: Tier 1 – 42 %, Tier 2 – 25%, Tier 3 – 33%

By Designation: C level – 33%, Director level – 22%, Others – 45%

By Region: North America – 50%, Europe – 17%, Asia Pacific – 25%, Middle East & Africa – 5%, and South America – 3%

Research Coverage:

As part of the qualitative analysis, this research study provides a comprehensive review of major market drivers, restraints, opportunities, and challenges. The report defines, describes, and forecasts the fly ash market based on type, application, and region. It provides a strategic analysis of micromarkets with respect to individual growth trends, prospects, and their contribution to the overall market.

It also discusses the competitive strategies adopted by various market players, such as Boral Limited (Australia), CEMEX S.A.B. de C.V. (Mexico), Lafarge North America Inc. (US), Charah Inc. (US), Separation Technologies LLC (US), Aggregate Industries (UK), FlyAshDirect (US), Salt River Materials Group (US), and Ashtech (India) Pvt. Ltd. (India).

Key benefits of buying the report:

From an insight perspective, this research report has focused on various levels of analysis — industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape, emerging and high-growth segments of the fly ash market, high-growth regions, and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

Market Penetration: Comprehensive information on fly ash offered by top players in the fly ash market

Product Development/Innovation: Detailed insight on upcoming technologies, research & development activities, and new product launches in the fly ash market

Market Development: Comprehensive information about lucrative emerging markets – the report analyzes the markets for fly ash across regions

Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the fly ash market

Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading players in the fly ash market

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