

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

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 SCOPE OF THE STUDY
 - 1.3.1 REGIONAL SCOPE
 - 1.3.2 MARKETS COVERED
 - 1.3.3 YEARS CONSIDERED IN THE REPORT
- 1.4 CURRENCY & PRICING
- 1.5 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 KEY DATA FROM SECONDARY SOURCES
 - 2.1.2 KEY DATA FROM PRIMARY SOURCES
 - 2.1.2.1 Key industry insights
- 2.2 MARKET SIZE ESTIMATION
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 ASSUMPTIONS
- 2.5 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN FLY ASH MARKET
- 4.2 FLY ASH MARKET, BY REGION
- 4.3 ASIA PACIFIC FLY ASH MARKET, BY TYPE & COUNTRY
- 4.4 FLY ASH MARKET, BY APPLICATION & REGION
- 4.5 TOP COUNTRIES IN FLY ASH MARKET

5 MARKET OVERVIEW

- 5.1 INTRODUCTION
- 5.2 EVOLUTION
- 5.3 MARKET DYNAMICS
 - 5.3.1 DRIVERS

5.3.1.1 Growth of the global construction industry

5.3.1.2 Increasing focus on infrastructure and road paving in the Asia Pacific

5.3.1.3 Reduced environmental hazards due to the use of fly ash for construction

5.3.1.4 Promotion of fly ash by governments of various countries

5.3.2 RESTRAINTS

5.3.2.1 Disadvantages of the use of fly ash

5.3.3 OPPORTUNITIES

5.3.3.1 Environment-friendly construction product

5.3.4 CHALLENGES

5.3.4.1 Decreasing use of thermal power in the energy mix

5.4 MACROECONOMIC INDICATORS

5.4.1 ANNUAL GDP GROWTH OF MAJOR ECONOMIES

5.4.2 ROAD CONSTRUCTION

5.5 PORTER'S FIVE FORCES ANALYSIS

5.5.1 BARGAINING POWER OF SUPPLIERS

5.5.2 THREAT OF NEW ENTRANTS

5.5.3 THREAT OF SUBSTITUTES

5.5.4 BARGAINING POWER OF BUYERS

5.5.5 INTENSITY OF COMPETITIVE RIVALRY

6 FLY ASH MARKET, BY SOURCE TYPE

6.1 INTRODUCTION

6.2 POWER PLANTS

6.2.1 LOSS OF IGNITION (LOI)

6.2.2 FINENESS

6.2.3 CHEMICAL COMPOSITION

6.2.4 UNIFORMITY

6.3 LANDFILL/POND

7 FLY ASH MARKET, BY TYPE

7.1 INTRODUCTION

7.2 CLASS F

7.2.1 CLASS F FLY ASH TO HOLD THE LARGEST MARKET SHARE THROUGH 2023

7.3 CLASS C

7.3.1 ROAD CONSTRUCTION APPLICATION TO DRIVE THE CLASS C FLY ASH MARKET

8 FLY ASH MARKET, BY APPLICATION

8.1 INTRODUCTION

8.2 PORTLAND CEMENT & CONCRETE

8.2.1 PORTLAND CEMENT & CONCRETE TO HOLD THE LARGEST MARKET SHARE THROUGH 2023

8.3 ROAD CONSTRUCTION

8.3.1 ROAD CONSTRUCTION TO GROW DUE TO GROWTH IN INFRASTRUCTURE INDUSTRY IN ASIA PACIFIC AND NORTH AMERICA

8.4 BRICKS & BLOCKS

8.4.1 BRICKS & BLOCKS TO GROW DUE TO RISE IN GLOBAL CONSTRUCTION ACTIVITIES

8.5 AGRICULTURE

8.5.1 DEMAND FOR FLY ASH IN AGRICULTURE APPLICATION DRIVEN BY RISING CONSUMPTION FROM CHINA AND INDIA

8.6 OTHERS

9 FLY ASH MARKET, BY REGION

9.1 INTRODUCTION

9.2 ASIA PACIFIC

9.2.1 CHINA

9.2.1.1 The presence of large number of coal power plants has ensured significant supply of fly ash in China

9.2.2 INDIA

9.2.2.1 India to have the second largest share in the Asia Pacific fly ash market

9.2.3 JAPAN

9.2.3.1 Demand from the general, residential, and civil construction sectors has driven the market for fly ash in Japan

9.2.4 AUSTRALIA

9.2.4.1 The growth in the Australian infrastructure sector has increased the demand of fly ash

9.2.5 INDONESIA

9.2.5.1 The growing urban population of Indonesia and rising disposable income of its middle-class population are fueling the growth of the construction sector in the country

9.2.6 REST OF ASIA PACIFIC

9.3 NORTH AMERICA

9.3.1 US

9.3.1.1 Increased construction spending is driving the fly ash market in the US

9.3.2 CANADA

9.3.2.1 The growth in roadways and construction activities in Canadian states, such as Ontario and New Brunswick is driving the fly ash market

9.3.3 MEXICO

9.3.3.1 Development of ports, roads, highways, airports, railways, and power utilities has increased the demand of fly ash in Mexico

9.4 EUROPE

9.4.1 GERMANY

9.4.1.1 Economic reforms and favorable financial policies have led to growth in the German construction industry

9.4.2 UK

9.4.2.1 Growth in the housing, commercial, and civil engineering construction has driven the fly ash market in the UK

9.4.3 POLAND

9.4.3.1 Government investments in infrastructure, energy, and housing projects have led to growth in the fly ash market in Poland

9.4.4 SPAIN

9.4.4.1 Growth in the residential construction sector has led to growth in the Spain fly ash market

9.4.5 FRANCE

9.4.5.1 Increasing consumption of Portland cement and concrete is expected to drive the fly ash market in France

9.4.6 ITALY

9.4.6.1 Government investments in infrastructural projects is driving the fly ash market in Italy

9.4.7 REST OF EUROPE

9.5 MIDDLE EAST & AFRICA

9.5.1 SOUTH AFRICA

9.5.1.1 Government investment in low-cost housing projects and renewable energy projects is expected to drive the fly ash market in South Africa

9.5.2 SAUDI ARABIA

9.5.2.1 Modernization of transport systems, and maintenance of the existing road networks is driving the fly ash market in Saudi Arabia

9.5.3 REST OF MIDDLE EAST & AFRICA

9.6 SOUTH AMERICA

9.6.1 BRAZIL

9.6.1.1 Deteriorating business environment and weak investor confidence has led to slow growth in the fly ash market in Brazil

9.6.2 ARGENTINA

9.6.2.1 High interest rates and currency devaluation has led to moderate growth in the fly ash market in Argentina

9.6.3 REST OF SOUTH AMERICA

10 COMPETITIVE LANDSCAPE

10.1 OVERVIEW

10.2 MARKET RANKING ANALYSIS

10.3 COMPETITIVE SITUATIONS & TRENDS

10.3.1 EXPANSIONS

10.3.2 ACQUISITIONS

10.3.3 AGREEMENTS

10.3.4 JOINT VENTURES

10.3.5 PARTNERSHIPS

11 COMPANY PROFILES

(Business Overview, Products & Services Offered, Recent Developments, SWOT Analysis)*

11.1 BORAL LIMITED

11.2 CHARAH SOLUTIONS

11.3 CEMEX

11.4 LAFARGE NORTH AMERICA INC.

11.5 FLYASHDIRECT

11.6 SEFA

11.7 SEPARATION TECHNOLOGIES LLC

11.8 AGGREGATE INDUSTRIES

11.9 SALT RIVER MATERIALS GROUP

11.10 ASHTECH (INDIA) PVT. LTD.

*Details on Business Overview, Products & Services Offered, Recent Developments, SWOT Analysis might not be captured in case of unlisted companies.

11.11 OTHER COMPANIES

12 ANNEXTURES

12.1 COMPOSITION OF CLASS C FLY ASH, CLASS F FLY ASH, AND PORTLAND

Fly Ash Market by Type (Type F, Type C), Application (Portland Cement & Concrete, Bricks & Blocks, Road Constr...

CEMENT

12.2 STANDARD SPECIFICATIONS FOR FLY ASH QUALITY ASSURANCE IN THE US

12.3 SPECIFICATIONS FOR FLY ASH FOR ASTM C 618

12.4 STATE-WISE FLY ASH SUPPLY SCENARIO IN THE US

12.4.1 REGION-NORTHEAST

12.4.2 REGION-MIDWEST

12.4.3 REGION-SOUTH

12.4.4 REGION-WEST

12.5 REGIONWISE-WISE PRICING SCENARIO IN THE US

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKETSANDMARKETS SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORTS

13.5 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1	ANNUAL GDP GROWTH OF MAJOR ECONOMIES, 2012 TO 2016
Table 2	INTERNATIONAL ROAD NETWORK OUTLOOK (2018)
Table 3	FLY ASH MARKET, BY TYPE, 2016–2023 (USD MILLION)
Table 4	FLY ASH MARKET, BY TYPE, 2016–2023 (MILLION TONS)
Table 5	CLASS F TYPE MARKET, BY REGION, 2016–2023 (USD MILLION)
Table 6	CLASS F TYPE MARKET, BY REGION, 2016–2023 (MILLION TONS)
Table 7	CLASS C TYPE MARKET, BY REGION, 2016–2023 (USD MILLION)
Table 8	CLASS C TYPE MARKET, BY REGION, 2016–2023 (MILLION TONS)
Table 9	FLY ASH MARKET, BY APPLICATION, 2016–2023 (USD MILLION)
Table 10	FLY ASH MARKET, BY APPLICATION, 2016–2023 (MILLION TONS)
Table 11	FLY ASH MARKET IN PORTLAND CEMENT & CONCRETE APPLICATION, BY REGION, 2016–2023 (USD MILLION)
Table 12	FLY ASH MARKET IN PORTLAND CEMENT & CONCRETE APPLICATION, BY REGION, 2016–2023 (MILLION TONS)
Table 13	FLY ASH MARKET IN ROAD CONSTRUCTION APPLICATION, BY REGION, 2016–2023 (USD MILLION)
Table 14	FLY ASH MARKET IN ROAD CONSTRUCTION APPLICATION, BY REGION, 2016–2023 (MILLION TONS)
Table 15	FLY ASH MARKET IN BRICKS & BLOCKS APPLICATION, BY REGION, 2016–2023 (USD MILLION)
Table 16	FLY ASH MARKET IN BRICKS & BLOCKS APPLICATION, BY REGION, 2016–2023 (MILLION TONS)
Table 17	FLY ASH MARKET IN AGRICULTURE APPLICATION, BY REGION, 2016–2023 (USD MILLION)
Table 18	FLY ASH MARKET IN AGRICULTURE APPLICATION, BY REGION, 2016–2023 (MILLION TONS)
Table 19	FLY ASH MARKET IN OTHER APPLICATIONS, BY REGION, 2016–2023 (USD MILLION)
Table 20	FLY ASH MARKET IN OTHER APPLICATIONS, BY REGION, 2016–2023 (MILLION TONS)
Table 21	FLY ASH MARKET SIZE, BY REGION, 2016–2023 (USD MILLION)
Table 22	FLY ASH MARKET SIZE, BY REGION, 2016–2023 (MILLION TONS)
Table 23	ASIA PACIFIC: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)
Table 24	ASIA PACIFIC: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023

(MILLION TONS)

Table 25 ASIA PACIFIC: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 26 ASIA PACIFIC: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 27 ASIA PACIFIC: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 28 ASIA PACIFIC: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 29 CHINA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 30 CHINA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 31 CHINA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 32 CHINA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 33 INDIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 34 INDIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 35 INDIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 36 INDIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 37 JAPAN: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 38 JAPAN: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 39 JAPAN: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 40 JAPAN: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 41 AUSTRALIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 42 AUSTRALIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 43 AUSTRALIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 44 AUSTRALIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 45 INDONESIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 46 INDONESIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 47 INDONESIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 48 INDONESIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023

(KILOTONS)

Table 49 REST OF ASIA PACIFIC: FLY ASH MARKET SIZE, BY TYPE, 2016–2023
(USD MILLION)

Table 50 REST OF ASIA PACIFIC: FLY ASH MARKET SIZE, BY TYPE, 2016–2023
(KILOTONS)

Table 51 REST OF ASIA PACIFIC: FLY ASH MARKET SIZE, BY APPLICATION,
2016–2023 (USD MILLION)

Table 52 REST OF ASIA PACIFIC: FLY ASH MARKET SIZE, BY APPLICATION,
2016–2023 (KILOTONS)

Table 53 NORTH AMERICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023
(USD MILLION)

Table 54 NORTH AMERICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023
(MILLION TONS)

Table 55 NORTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD
MILLION)

Table 56 NORTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023
(MILLION TONS)

Table 57 NORTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023
(USD MILLION)

Table 58 NORTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023
(MILLION TONS)

Table 59 US: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 60 US: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 61 US: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 62 US: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 63 CANADA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 64 CANADA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 65 CANADA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD
MILLION)

Table 66 CANADA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023
(KILOTONS)

Table 67 MEXICO: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 68 MEXICO: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 69 MEXICO: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD
MILLION)

Table 70 MEXICO: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023
(KILOTONS)

Table 71 EUROPE: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (USD
MILLION)

Table 72 EUROPE: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (MILLION TONS)

Table 73 EUROPE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 74 EUROPE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 75 EUROPE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 76 EUROPE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 77 GERMANY: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 78 GERMANY: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 79 GERMANY: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 80 GERMANY: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 81 UK: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 82 UK: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 83 UK: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 84 UK: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 85 POLAND: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 86 POLAND: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 87 POLAND: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 88 POLAND: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 89 SPAIN: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 90 SPAIN: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 91 SPAIN: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 92 SPAIN: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 93 FRANCE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 94 FRANCE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 95 FRANCE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 96 FRANCE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 97 ITALY: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 98 ITALY: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 99 ITALY: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD

MILLION)

Table 100 ITALY: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023

(KILOTONS)

Table 101 REST OF EUROPE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 102 REST OF EUROPE: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 103 REST OF EUROPE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 104 REST OF EUROPE: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 105 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 106 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (MILLION TONS)

Table 107 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 108 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 109 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 110 MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 111 SOUTH AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 112 SOUTH AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 113 SOUTH AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 114 SOUTH AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 115 SAUDI ARABIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 116 SAUDI ARABIA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 117 SAUDI ARABIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 118 SAUDI ARABIA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 119 REST OF MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 120 REST OF MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (KILOTONS)

Table 121 REST OF MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 122 REST OF MIDDLE EAST & AFRICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (KILOTONS)

Table 123 SOUTH AMERICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (USD MILLION)

Table 124 SOUTH AMERICA: FLY ASH MARKET SIZE, BY COUNTRY, 2016–2023 (MILLION TONS)

Table 125 SOUTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 126 SOUTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 127 SOUTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 128 SOUTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 129 BRAZIL: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 130 BRAZIL: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 131 BRAZIL: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 132 BRAZIL: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 133 ARGENTINA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 134 ARGENTINA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 135 ARGENTINA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (USD MILLION)

Table 136 ARGENTINA: FLY ASH MARKET SIZE, BY APPLICATION, 2016–2023 (MILLION TONS)

Table 137 REST OF SOUTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (USD MILLION)

Table 138 REST OF SOUTH AMERICA: FLY ASH MARKET SIZE, BY TYPE, 2016–2023 (MILLION TONS)

Table 139 REST OF SOUTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION,

2016–2023 (USD MILLION)

Table 140 REST OF SOUTH AMERICA: FLY ASH MARKET SIZE, BY APPLICATION,
2016–2023 (MILLION TONS)

Table 141 EXPANSIONS, 2012-2018

Table 142 ACQUISITIONS, 2017-2018

Table 143 AGREEMENTS, 2014-2016

Table 144 JOINT VENTURES, 2016

Table 145 PARTNERSHIPS, 2017

List Of Figures

LIST OF FIGURES

Figure 1 FLY ASH MARKET SEGMENTATION

Figure 2 FLY ASH MARKET: RESEARCH DESIGN

Figure 3 BREAKDOWN OF PRIMARY INTERVIEWS

Figure 4 BOTTOM-UP APPROACH

Figure 5 TOP-DOWN APPROACH

Figure 6 FLY ASH MARKET: DATA TRIANGULATION

Figure 7 CLASS F SEGMENT PROJECTED TO LEAD FLY ASH MARKET BETWEEN 2018 AND 2023

Figure 8 PORTLAND CEMENT & CONCRETE SEGMENT PROJECTED TO LEAD FLY ASH MARKET DURING FORECAST PERIOD

Figure 9 ASIA PACIFIC ESTIMATED TO LEAD FLY ASH MARKET IN 2018

Figure 10 GROWTH OF CONSTRUCTION INDUSTRY EXPECTED TO DRIVE FLY ASH MARKET BETWEEN 2018 AND 2023

Figure 11 FLY ASH MARKET IN ASIA PACIFIC PROJECTED TO GROW AT HIGHEST CAGR DURING FORECAST PERIOD

Figure 12 CLASS F APPLICATION SEGMENT ESTIMATED TO ACCOUNT FOR LARGEST SHARE OF ASIA PACIFIC FLY ASH MARKET IN 2018

Figure 13 PORTLAND CEMENT & CONCRETE SEGMENT ESTIMATED TO ACCOUNT FOR LARGEST SHARE OF FLY ASH MARKET ACROSS ALL REGIONS IN 2018

Figure 14 CHINA PROJECTED TO LEAD FLY ASH MARKET BETWEEN 2018 AND 2023

Figure 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE FLY ASH MARKET

Figure 16 FLY ASH MARKET: PORTER'S FIVE FORCES ANALYSIS

Figure 17 FLY ASH MARKET, BY TYPE, 2018 & 2023 (USD MILLION)

Figure 18 PORTLAND CEMENT & CONCRETE SEGMENT TO LEAD FLY ASH MARKET DURING FORECAST PERIOD

Figure 19 FLY ASH MARKET: COUNTRY-WISE GROWTH

Figure 20 ASIA PACIFIC FLY ASH MARKET SNAPSHOT

Figure 21 NORTH AMERICA FLY ASH MARKET SNAPSHOT

Figure 22 EUROPE FLY ASH MARKET SNAPSHOT

Figure 23 MIDDLE EAST & AFRICA FLY ASH MARKET SNAPSHOT

Figure 24 SOUTH AMERICA FLY ASH MARKET SNAPSHOT

Figure 25 COMPANIES IN THE FLY ASH MARKET ADOPTED ORGANIC AND

INORGANIC GROWTH STRATEGIES BETWEEN 2012 AND 2018

Figure 26 FLY ASH MARKET RANKING, BY COMPANY, 2018

Figure 27 BORAL LIMITED: COMPANY SNAPSHOT

Figure 28 BORAL LIMITED: SWOT ANALYSIS

Figure 29 CHARAH SOLUTIONS: SWOT ANALYSIS

Figure 30 CEMEX: COMPANY SNAPSHOT

Figure 31 CEMEX: SWOT ANALYSIS

Figure 32 LAFARGE NORTH AMERICA: SWOT ANALYSIS

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