

# **Global Ultra High Performance Concrete Market Size study, by Type (Slurry Infiltrated Fibrous Concrete (SIFCON), Reactive Powder Concrete (RPC), Compact Reinforced Composite (CRC)), By Application (Road & Bridge Construction, Building Construction, Military Construction, Others) and Regional Analysis, 2022-2029**

<https://marketpublishers.com/r/G2618DF0823AEN.html>

Date: January 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G2618DF0823AEN

## **Abstracts**

Global Ultra High Performance Concrete Market is valued at approximately USD 371.0 million in 2021 and is anticipated to grow with a healthy growth rate of more than 5.8% over the forecast period 2022-2029. Ultra-high-performance is an upgraded type of concrete mix that is characterized by its high strength and has the potential to revolutionize the construction industry. These qualities make ultra-high-performance concrete a suitable choice of material for highways/bridges, flyovers and other infrastructure projects. Accordingly, factors such as the rising focus on developing infrastructural facilities and increasing industrialization along with rapid urbanization translating to many new construction projects, are stipulating the market demand across the globe.

The increasing number of government investments related to infrastructural development is acting as a key driving factor for the market growth during the estimated period. For instance, in 2021, The German government announced plans to build 400,000 new apartments annually, 100,000 of which receive public assistance, along with their objective to achieve carbon neutrality by 2045. Also, Autobahn- a German government's road firm presented a budget of USD 578 million (EUR 530 million) with the primary objective of this is to improve bridges across the network. Additionally, in November 2021, President Joe Biden approved a bill for infrastructure on a bipartisan

basis. Under this initiative, the U.S. government planned to invest around USD 1.2 trillion in infrastructure projects, which includes several civil construction projects all over the nation. Roads, bridges, and other significant infrastructure projects are likely to receive funding totaling USD 110 billion as part of this bill. Therefore, the rising need for residential and commercial development is leading to higher adoption of ultra high performance concrete in the worldwide market. Furthermore, the increasing development of new products and services, as well as the rising adoption of architectural UHPC in construction projects are leveraging various opportunities that are augmenting the market growth over the forecasting period of 2022-2029. However, high costs associated with initial capital investment and fluctuations in the prices of raw materials are the major factor that are hindering the growth of the market.

The key regions considered for the Global Ultra High Performance Concrete Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the huge investments in the infrastructural sector and the increasing number of new housing units. Whereas, Asia-Pacific is also anticipated to emerge as the fastest growing market region during the forecast period 2022-2029. Factors such as growing demand in Japan, South Korea, China and other Asian countries owing to the tremendous construction opportunities, growing awareness about the use of UHPC, and rapid urbanization have driven the growth of the region.

Major market player included in this report are:

Holcim Group (Switzerland)  
CEMEX S.A.B. de C.V. (Mexico)  
Vicat (France)  
ACC Limited (India)  
Sika Canada Inc. (Canada)  
TAKTL (U.S.)  
Gulf Precast Concrete Co. LLC (UAE)  
ceEntek Pte Ltd. (Singapore)  
CHRYSO UK Limited (U.K.)  
Freyssinet Limited (England)

Recent Developments in the Market:

In May 2021, LafargeHolcim has agreed to acquire the aggregates business and two ready-mix concrete plants from Heidelberg Cement in Athens, Greece as part of its growth strategy. The acquisition helps LafargeHolcim's to increase its capacity to deliver

environmentally friendly construction options for the dynamic metropolitan area of Athens and important infrastructure projects.

In December 2020, ceEntek announced that the company is establishing its new branch, ceEntek Canada Ltd. in Calgary, Canada, which aims on strengthening its geographical footprints across North America.

Global Ultra High Performance Concrete Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

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

Segments Covered Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

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 Type:

Slurry Infiltrated Fibrous Concrete (SIFCON)

Reactive Powder Concrete (RPC)

Compact Reinforced Composite (CRC)

By Application:

Road & Bridge Construction

Building Construction

Military Construction

Others

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  
RoLA  
Rest of the World

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Million)
  - 1.2.1. Ultra High Performance Concrete Market, by Region, 2019-2029 (USD Million)
  - 1.2.2. Ultra High Performance Concrete Market, by Type, 2019-2029 (USD Million)
  - 1.2.3. Ultra High Performance Concrete Market, by End-user, 2019-2029 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET DYNAMICS**

- 3.1. Ultra High Performance Concrete Market Impact Analysis (2019-2029)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising number of new construction projects
    - 3.1.1.2. Increasing government investments related to infrastructural development
  - 3.1.2. Market Challenges
    - 3.1.2.1. High costs associated with initial capital investment
    - 3.1.2.2. Fluctuations in the prices of raw materials
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Increasing development of new products and services
    - 3.1.3.2. Rising adoption of architectural UHPC in construction projects

### **CHAPTER 4. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1. Assessment of the overall impact of COVID-19 on the industry
- 5.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET, BY TYPE**

- 6.1. Market Snapshot
- 6.2. Global Ultra High Performance Concrete Market by Type, Performance - Potential Analysis
- 6.3. Global Ultra High Performance Concrete Market Estimates & Forecasts by Type 2019-2029 (USD Million)
- 6.4. Ultra High Performance Concrete Market, Sub Segment Analysis
  - 6.4.1. Slurry Infiltrated Fibrous Concrete (SIFCON)
  - 6.4.2. Reactive Powder Concrete (RPC)
  - 6.4.3. Compact Reinforced Composite (CRC)

## **CHAPTER 7. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET, BY END-USER**

- 7.1. Market Snapshot
- 7.2. Global Ultra High Performance Concrete Market by End-user, Performance - Potential Analysis
- 7.3. Global Ultra High Performance Concrete Market Estimates & Forecasts by End-user 2019-2029 (USD Million)
- 7.4. Ultra High Performance Concrete Market, Sub Segment Analysis
  - 7.4.1. Road & Bridge Construction
  - 7.4.2. Building Construction
  - 7.4.3. Military Construction
  - 7.4.4. Others

## **CHAPTER 8. GLOBAL ULTRA HIGH PERFORMANCE CONCRETE MARKET, REGIONAL ANALYSIS**

- 8.1. Ultra High Performance Concrete Market, Regional Market Snapshot
- 8.2. North America Ultra High Performance Concrete Market
  - 8.2.1. U.S. Ultra High Performance Concrete Market
    - 8.2.1.1. Type breakdown estimates & forecasts, 2019-2029
    - 8.2.1.2. End-user breakdown estimates & forecasts, 2019-2029
  - 8.2.2. Canada Ultra High Performance Concrete Market
- 8.3. Europe Ultra High Performance Concrete Market Snapshot
  - 8.3.1. U.K. Ultra High Performance Concrete Market
  - 8.3.2. Germany Ultra High Performance Concrete Market
  - 8.3.3. France Ultra High Performance Concrete Market
  - 8.3.4. Spain Ultra High Performance Concrete Market
  - 8.3.5. Italy Ultra High Performance Concrete Market
  - 8.3.6. Rest of Europe Ultra High Performance Concrete Market
- 8.4. Asia-Pacific Ultra High Performance Concrete Market Snapshot
  - 8.4.1. China Ultra High Performance Concrete Market
  - 8.4.2. India Ultra High Performance Concrete Market
  - 8.4.3. Japan Ultra High Performance Concrete Market
  - 8.4.4. Australia Ultra High Performance Concrete Market
  - 8.4.5. South Korea Ultra High Performance Concrete Market
  - 8.4.6. Rest of Asia Pacific Ultra High Performance Concrete Market
- 8.5. Latin America Ultra High Performance Concrete Market Snapshot
  - 8.5.1. Brazil Ultra High Performance Concrete Market
  - 8.5.2. Mexico Ultra High Performance Concrete Market
  - 8.5.3. Rest of Latin America Ultra High Performance Concrete Market
- 8.6. Rest of The World Ultra High Performance Concrete Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

### 9.1. Top Market Strategies

### 9.2. Company Profiles

#### 9.2.1. Holcim (Switzerland)

##### 9.2.1.1. Key Information

##### 9.2.1.2. Overview

##### 9.2.1.3. Financial (Subject to Data Availability)

##### 9.2.1.4. Product Summary

##### 9.2.1.5. Recent Developments

#### 9.2.2. CEMEX S.A.B. de C.V. (Mexico)

#### 9.2.3. Vicat (France)

#### 9.2.4. ACC Limited (India)

#### 9.2.5. SIKA CANADA (Canada)

#### 9.2.6. TAKTL (U.S.)

#### 9.2.7. Gulf Precast (UAE)

#### 9.2.8. ceEntek (Singapore)

#### 9.2.9. CHRYSO UK Limited (U.K.)

#### 9.2.10. Freyssinet Limited (England)

## **CHAPTER 10. RESEARCH PROCESS**

### 10.1. Research Process

#### 10.1.1. Data Mining

#### 10.1.2. Analysis

#### 10.1.3. Market Estimation

#### 10.1.4. Validation

#### 10.1.5. Publishing

### 10.2. Research Attributes

### 10.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global Ultra High Performance Concrete Market, report scope

TABLE 2. Global Ultra High Performance Concrete Market estimates & forecasts by Region 2019-2029 (USD Million)

TABLE 3. Global Ultra High Performance Concrete Market estimates & forecasts by Type 2019-2029 (USD Million)

TABLE 4. Global Ultra High Performance Concrete Market estimates & forecasts by End-user 2019-2029 (USD Million)

TABLE 5. Global Ultra High Performance Concrete Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 6. Global Ultra High Performance Concrete Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 7. Global Ultra High Performance Concrete Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 8. Global Ultra High Performance Concrete Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 9. Global Ultra High Performance Concrete Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 10. Global Ultra High Performance Concrete Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 11. Global Ultra High Performance Concrete Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 12. Global Ultra High Performance Concrete Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 13. Global Ultra High Performance Concrete Market by segment, estimates & forecasts, 2019-2029 (USD Million)

TABLE 14. Global Ultra High Performance Concrete Market by region, estimates & forecasts, 2019-2029 (USD Million)

TABLE 15. U.S. Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 16. U.S. Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 17. U.S. Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 18. Canada Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 19. Canada Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 20. Canada Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 21. UK Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 22. UK Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 23. UK Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 24. Germany Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 25. Germany Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 26. Germany Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 27. France Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 28. France Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 29. France Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 30. Italy Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 31. Italy Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 32. Italy Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 33. Spain Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 34. Spain Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 35. Spain Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 36. RoE Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 37. RoE Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 38. RoE Ultra High Performance Concrete Market estimates & forecasts by

segment 2019-2029 (USD Million)

TABLE 39. China Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 40. China Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 41. China Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 42. India Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 43. India Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 44. India Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 45. Japan Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 46. Japan Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 47. Japan Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 48. South Korea Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 49. South Korea Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 50. South Korea Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 51. Australia Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 52. Australia Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 53. Australia Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 54. RoAPAC Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 55. RoAPAC Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 56. RoAPAC Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 57. Brazil Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 58. Brazil Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 59. Brazil Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 60. Mexico Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 61. Mexico Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 62. Mexico Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 63. RoLA Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 64. RoLA Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 65. RoLA Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 66. Row Ultra High Performance Concrete Market estimates & forecasts, 2019-2029 (USD Million)

TABLE 67. Row Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 68. Row Ultra High Performance Concrete Market estimates & forecasts by segment 2019-2029 (USD Million)

TABLE 69. List of secondary sources, used in the study of global Ultra High Performance Concrete Market

TABLE 70. List of primary sources, used in the study of global Ultra High Performance Concrete Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Ultra High Performance Concrete Market, research methodology
  - FIG 2. Global Ultra High Performance Concrete Market, Market estimation techniques
  - FIG 3. Global Market size estimates & forecast methods
  - FIG 4. Global Ultra High Performance Concrete Market, key trends 2021
  - FIG 5. Global Ultra High Performance Concrete Market, growth prospects 2022-2029
  - FIG 6. Global Ultra High Performance Concrete Market, porters 5 force model
  - FIG 7. Global Ultra High Performance Concrete Market, pest analysis
  - FIG 8. Global Ultra High Performance Concrete Market, value chain analysis
  - FIG 9. Global Ultra High Performance Concrete Market by segment, 2019 & 2029 (USD Million)
  - FIG 10. Global Ultra High Performance Concrete Market by segment, 2019 & 2029 (USD Million)
  - FIG 11. Global Ultra High Performance Concrete Market by segment, 2019 & 2029 (USD Million)
  - FIG 12. Global Ultra High Performance Concrete Market by segment, 2019 & 2029 (USD Million)
  - FIG 13. Global Ultra High Performance Concrete Market by segment, 2019 & 2029 (USD Million)
  - FIG 14. Global Ultra High Performance Concrete Market, regional snapshot 2019 & 2029
  - FIG 15. North America Ultra High Performance Concrete Market 2019 & 2029 (USD Million)
  - FIG 16. Europe Ultra High Performance Concrete Market 2019 & 2029 (USD Million)
  - FIG 17. Asia pacific Ultra High Performance Concrete Market 2019 & 2029 (USD Million)
  - FIG 18. Latin America Ultra High Performance Concrete Market 2019 & 2029 (USD Million)
  - FIG 19. Global Ultra High Performance Concrete Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global Ultra High Performance Concrete Market Size study, by Type (Slurry Infiltrated Fibrous Concrete (SIFCON), Reactive Powder Concrete (RPC), Compact Reinforced Composite (CRC)), By Application (Road & Bridge Construction, Building Construction, Military Construction, Others) and Regional Analysis, 2022-2029

Product link: <https://marketpublishers.com/r/G2618DF0823AEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G2618DF0823AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970