

MARKET REPORT



3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

BioPortfolio
Life Science Healthcare and
Pharmaceutical
Market Research and
Corporate Data



3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

BioPortfolio has been marketing business and market research reports from selected publishers for over fifteen years. BioPortfolio offers a personal service to our customers with dedicated research managers who will work with you to source the best report for your needs. Based in the UK, BioPortfolio is well positioned to coordinate our customers' orders sourced from over 50 global report publishers.

We are pleased to present details of this report to assist your buying decision and administrative process. You will find easy-to-use *How To Buy* information on the last page of this document.

We look forward to being of service to you.

If you have bulk and/or recurring requirements, please get in touch - we can liaise with publishers to obtain sample pages and negotiate discounts on your behalf.

Phone: +44 (0)7887 945155 or **Email:** bioportfolio97@gmail.com

3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

“The 3D printing construction market is projected to register a CAGR of 245.9%, in terms of value, between 2019 and 2024.”

The 3D printing construction market size is estimated to be USD 3 million in 2019 and is projected to reach USD 1,575 million by 2024, at a CAGR of 245.9% between 2019 and 2024. 3D printing construction is used in different industries, such as building and infrastructure. This innovative method is highly promising and advantageous in the construction industry in terms of cost-effectiveness, construction time, flexibility, design, error reduction, and environmental aspects. The superior features offered by 3D printing construction are enabling its usage in various end-use industries.

“Extrusion construction method accounted for the largest share, in terms of value and volume, of the overall 3D printing construction market.”

Extrusion construction method dominated the overall 3D printing construction market in 2018. 3D printing construction possesses characteristics such as cost-effectiveness, construction time, flexibility, design, error reduction, and environmental aspects. An extrusion construction method is used in the construction industry and possesses the capability to produce large-scale building components with complex geometrical structures.

“Concrete material type accounted for the largest share, in terms of value and volume, of the 3D printing construction market.”

Concrete material type dominated the overall 3D printing construction market in 2018. The use of concrete material in the 3D printing construction market offers various advantages such as cost-effectiveness, design flexibility, environmental resistance, extrudability, buildability, flowability, compressive strength, and open time. The concrete material is used while extruding in the 3D printing construction process.

“The 3D printing construction market in the building end-use sector is expected to register the highest CAGR between 2019 and 2024.”

The increasing use of 3D printing in the building sector is mainly due to 3D construction printing offers excellent thermal qualities that are strong enough to withstand external factors such as heat. Furthermore, 3D printing construction’s capability to develop complex building geometries, safety, more precision, and less waste has resulted in the development of complex building structures at an affordable rate. This technology helps in creating lightweight components such as walls and panels while maintaining structural integrity, lowering the handling & transportation costs.

“The 3D printing construction market in the APAC is projected to register the highest CAGR, in terms of value and volume, between 2019 and 2024.”

The APAC dominated the global 3D printing construction market. The region has the presence of many manufacturers of 3D printing construction and its products. China accounted for a significant share of the market in APAC and is expected to register substantial growth during the forecast period. The growth of the 3D printing construction market in this region is driven mainly by the growing building and infrastructure end-use

sectors.

Breakdown of Profiles of Primary Interviews:

- By Company Type: Tier 1 - 40%, Tier 2 - 33%, and Tier 3 - 27%
- By Designation: C level - 50%, Director level - 20%, and Others - 30%
- By Region: Europe - 50%, North America - 20%, APAC -15%, RoW - 15%

The 3D printing construction market comprises major solution providers such as Yingchuang Building Technique (China), XtreeE (France), Apis Cor (Russia), Monolite UK (UK), CSP s.r.l. (Italy), CyBe Construction (Netherlands), Sika (Switzerland), MX3D (Netherlands), Cazza Construction Technologies (California), and ICON (Texas). The study includes an in-depth competitive analysis of these key players in the 3D printing construction market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The study covers the 3D printing construction market. It aims at estimating the market size and the growth potential of this market across different segments, such as process type, material type, end-use industry, and region. Porter's Five Forces analysis and the key market dynamics, such as drivers, restraints, challenges, and opportunities, influencing the growth of the 3D printing construction market have been discussed in the report. The report also provides company profiles and competitive benchmarking of major players operating in the market.

Key Benefits of Buying the Report

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers of the overall 3D printing construction market and its subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. It will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Additional Details

Publisher : MarketsandMarkets

Reference : BC 7316

Number of Pages : 130

Report Format : PDF

Publisher Information :



MARKETSANDMARKETS

BioPortfolio
Life Science Healthcare and Pharmaceutical
Global Market Research and Corporate Data

BioPortfolio
Life Science Healthcare and Pharmaceutical
Market Research and
Corporate Data

**Best Prices
Guaranteed**

bioportfolio.co.uk

Table Of Contents for 3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

- TABLE OF CONTENTS1 INTRODUCTION 151.1 OBJECTIVES OF THE STUDY 151.2 MARKET DEFINITION 151.3 MARKET SCOPE 161.3.1 REGIONS COVERED 161.3.2 YEARS CONSIDERED FOR THE STUDY 171.4 CURRENCY 171.5 UNIT CONSIDERED 171.6 STAKEHOLDERS 172 RESEARCH METHODOLOGY 182.1 RESEARCH DATA 182.1.1 SECONDARY DATA 192.1.1.1 Key data from secondary sources 192.1.2 PRIMARY DATA 202.1.2.1 Key data from primary sources 202.1.2.2 Key industry insights 212.1.2.3 Breakdown of primary interviews 212.2 MARKET SIZE ESTIMATION 222.2.1 BOTTOM-UP APPROACH 222.2.1.1 TOP-DOWN APPROACH 222.3 DATA TRIANGULATION 232.4 ASSUMPTIONS 242.5 LIMITATIONS 243 EXECUTIVE SUMMARY 254 PREMIUM INSIGHTS 294.1 ATTRACTIVE OPPORTUNITIES IN THE 3D PRINTING CONSTRUCTION MARKET 294.2 3D PRINTING CONSTRUCTION MARKET, BY MATERIAL TYPE AND REGION 294.3 3D PRINTING CONSTRUCTION MARKET, BY END-USE SECTOR 304.4 3D PRINTING CONSTRUCTION MARKET, BY CONSTRUCTION METHOD 304.5 3D PRINTING CONSTRUCTION MARKET, BY COUNTRY 315 MARKET OVERVIEW 325.1 INTRODUCTION 325.2 MARKET DYNAMICS 32 5.2.1 DRIVERS 325.2.1.1 Potential for mass customization and enhanced architectural flexibility 325.2.1.2 Reduction in health & safety risks and rate of accidents 335.2.1.3 Inherently green technology 335.2.2 RESTRAINTS 345.2.2.1 High capital investment 345.2.3 OPPORTUNITIES 345.2.3.1 Rise in demand for new construction projects across regions 345.2.3.2 Rapid urbanization 345.2.4 CHALLENGES 355.2.4.1 Increase the awareness about automation techniques in the construction industry 355.2.4.2 Smooth surface finish 355.2.4.3 Limited size of the printers 355.2.4.4 Partially built houses 355.3 PORTER'S FIVE FORCES ANALYSIS 365.3.1 THREAT OF SUBSTITUTES 375.3.2 THREAT OF NEW ENTRANTS 375.3.3 BARGAINING POWER OF SUPPLIERS 375.3.4 BARGAINING POWER OF BUYERS 385.3.5 INTENSITY OF COMPETITIVE RIVALRY 385.4 MACROECONOMIC INDICATORS 385.4.1 INTRODUCTION 385.4.2 RISING POPULATION 385.4.3 INCREASE IN MIDDLE-CLASS POPULATION, 2009–2030 395.4.4 TRENDS AND FORECAST OF GDP 395.4.5 CONTRIBUTION OF THE CONSTRUCTION INDUSTRY TO THE GDP, BY COUNTRY 396 3D PRINTING CONSTRUCTION MARKET, BY MATERIAL TYPE 426.1 INTRODUCTION 436.2 CONCRETE 446.2.1 CONCRETE MATERIAL DOMINATES THE 3D PRINTING CONSTRUCTION MARKET 446.3 METAL 466.3.1 METAL PROVIDES HIGHER MECHANICAL STRENGTH AND COST-BENEFIT IN 3D PRINTING CONSTRUCTION 466.4 COMPOSITE 476.4.1 COMPOSITE IS THE SECOND-LARGEST SEGMENT IN THE 3D PRINTING CONSTRUCTION MARKET 476.5 OTHERS 48 7 3D PRINTING CONSTRUCTION MARKET, BY CONSTRUCTION METHOD 497.1 INTRODUCTION 507.2 EXTRUSION 517.2.1 EXTRUSION IS ONE OF THE MOST WIDELY USED 3D PRINTING CONSTRUCTION METHODS 517.3 POWDER BONDING 537.3.1 POWDER BONDING CONSTRUCTION METHOD IS HIGHLY SUITABLE FOR OFF-SITE PROCESS 538 3D PRINTING CONSTRUCTION MARKET, BY END-USE SECTOR 558.1 INTRODUCTION 568.2 BUILDING 578.2.1 THE ABILITY OF 3D PRINTING TECHNOLOGY TO DEVELOP COMPLEX BUILDING GEOMETRIES IS DRIVING ITS DEMAND IN THE SEGMENT 578.3 INFRASTRUCTURE 588.3.1 DESIGN FLEXIBILITY IS A KEY FEATURE DRIVING THE MARKET IN THE INFRASTRUCTURE SEGMENT 589 3D PRINTING CONSTRUCTION MARKET, BY REGION 609.1 INTRODUCTION 619.2 EUROPE 629.2.1 RUSSIA 659.2.1.1 Increasing government's focus on the development of affordable housing is positively influencing the market in Russia 659.2.2 FRANCE 659.2.2.1 France is one of the most dominant economies in Europe 659.2.3 DENMARK 679.2.3.1 Growing demand for new residential construction activities and time-saving building solutions are likely to drive the market in Denmark 679.2.4 SPAIN 679.2.4.1 Increasing demand for affordable houses is driving the market in the building segment in Spain 679.2.5 NETHERLANDS 689.2.5.1 Increased private and government investments in various sectors are likely to drive the market in the country 689.2.6 ITALY 699.2.6.1 Growing demand for cost-effective and time-saving construction methods is resulting in the market growth in Italy 699.3 ROW 709.3.1 UAE 719.3.1.1 The UAE represents vast 3D printing technology in the construction sector 719.3.2 SAUDI ARABIA 729.3.2.1 Saudi Arabia is the largest and fastest-growing 3D printing construction market in RoW 729.4 APAC 739.4.1 CHINA 769.4.1.1 China dominates the 3D printing construction market in the APAC region 769.4.2 THAILAND 779.4.2.1 3D printing construction is at the initial stage in Thailand 779.5 NORTH AMERICA

789.5.1 US 809.5.1.1 Need for affordable and safe housing drives the 3D printing construction market in the US 809.5.2 EL SALVADOR 819.5.2.1 El Salvador is the potential 3D printing construction market in the North American Region 819.6 OTHER POTENTIAL MARKETS 829.6.1 INDIA 829.6.2 JAPAN 829.6.3 BRAZIL 839.6.4 EGYPT 8310 COMPETITIVE LANDSCAPE 8410.1 INTRODUCTION 8410.1.1 COMPETITIVE LEADERSHIP MAPPING 8610.1.1.1 Visionary leaders 8610.1.1.2 Dynamic differentiators 8610.1.1.3 Emerging companies 8610.1.1.4 Innovators 8610.1.2 STRENGTH OF PRODUCT PORTFOLIO 8810.1.3 BUSINESS STRATEGY EXCELLENCE 8910.1.4 MARKET RANKING 9010.2 COMPETITIVE SCENARIO 9010.2.1 NEW PROJECT 9110.2.2 PARTNERSHIP 9210.2.3 EXPANSION 9310.2.4 JOINT VENTURE 9510.2.5 AGREEMENT 9610.2.6 PRODUCT LAUNCH 9610.2.7 INVESTMENT 9710.2.8 CONTRACT 97 11 COMPANY PROFILES 98(Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View)*11.1 YINGCHUANG BUILDING TECHNIQUE (WINSUN) 9811.2 XTREEE 10111.3 APIS COR 10411.4 MONOLITE UK (D-SHAPE) 10611.5 CSP S.R.L. (CENTRO SVILUPPO PROGETTI) 10811.6 CYBE CONSTRUCTION 10911.7 SIKA 11111.8 MX3D 11411.9 CONTOUR CRAFTING 11511.10 ICON 11711.11 OTHER PLAYERS 11811.11.1 BETABRAM 11811.11.2 ROHACO 11811.11.3 IMPRIMERE AG 11911.11.4 BEIJING HUASHANG LUHAI TECHNOLOGY 11911.11.5 TOTAL KUSTOM 12011.11.6 SPETSAVIA 12011.11.7 LIFETEC CONSTRUCTION GROUP INC 12111.11.8 BE MORE 3D 12211.11.9 3D PRINTHUSE 12211.11.10 ACCIONA 123*Details on Business Overview, Products Offered, Recent Developments, SWOT Analysis, MnM View might not be captured in case of unlisted companies.12 APPENDIX 12412.1 DISCUSSION GUIDE 12412.2 KNOWLEDGE STORE: MARKETSandMARKETS SUBSCRIPTION PORTAL 12612.3 AVAILABLE CUSTOMIZATIONS 12812.4 RELATED REPORTS 12812.5 AUTHOR DETAILS 129

List Of Tables in 3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

LIST OF TABLES

TABLE 1 GDP (CURRENT PRICES), BY COUNTRY, 2015-2022 (USD BILLION) 39

TABLE 2 NORTH AMERICA: CONTRIBUTION OF THE CONSTRUCTION INDUSTRY TO GDP, BY COUNTRY, 2014-2024 (USD BILLION) 39

TABLE 3 EUROPE: CONTRIBUTION OF CONSTRUCTION INDUSTRY TO GDP, BY COUNTRY, 2014-2024 (USD BILLION) 40

TABLE 4 APAC: CONTRIBUTION OF CONSTRUCTION INDUSTRY TO GDP, BY COUNTRY, 2014-2024 (USD BILLION) 40

TABLE 5 MIDDLE EAST & AFRICA: CONTRIBUTION OF CONSTRUCTION INDUSTRY TO GDP, BY COUNTRY, 2014-2024 (USD BILLION) 41

TABLE 6 3D PRINTING CONSTRUCTION MARKET SIZE, BY MATERIAL TYPE, 2017-2024 (USD THOUSAND) 43

TABLE 7 3D PRINTING CONSTRUCTION MARKET SIZE, BY MATERIAL TYPE, 2017-2024 (SQUARE METER) 43

TABLE 8 CONCRETE 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 45

TABLE 9 CONCRETE 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 45

TABLE 10 METAL 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 46

TABLE 11 METAL 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 46

TABLE 12 COMPOSITE 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 47

TABLE 13 COMPOSITE 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION,

2017-2024 (SQUARE METER) 47

TABLE 14 OTHER 3D PRINTING CONSTRUCTION MATERIALS MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 48

TABLE 15 OTHER 3D PRINTING CONSTRUCTION MATERIALS MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 48

TABLE 16 3D PRINTING CONSTRUCTION MARKET SIZE, BY CONSTRUCTION METHOD, 2017-2024 (USD THOUSAND) 50

TABLE 17 3D PRINTING CONSTRUCTION MARKET SIZE, BY CONSTRUCTION METHOD, 2017-2024 (SQUARE METER) 50

TABLE 18 3D PRINTING EXTRUDED CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 53

TABLE 19 3D PRINTING EXTRUDED CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 53

TABLE 20 3D PRINTING POWDER-BONDING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 54

TABLE 21 3D PRINTING POWDER-BONDING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 54

TABLE 22 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 56

TABLE 23 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 56

TABLE 24 3D PRINTING CONSTRUCTION MARKET SIZE IN BUILDING, BY REGION, 2017-2024 (USD THOUSAND) 57

TABLE 25 3D PRINTING CONSTRUCTION MARKET SIZE IN BUILDING, BY REGION, 2017-2024 (SQUARE METER) 58

TABLE 26 3D PRINTING CONSTRUCTION MARKET SIZE IN INFRASTRUCTURE, BY REGION, 2017-2024 (USD THOUSAND) 58

TABLE 27 3D PRINTING CONSTRUCTION MARKET SIZE IN INFRASTRUCTURE, BY REGION, 2017-2024 (SQUARE METER) 59

TABLE 28 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (USD THOUSAND) 61

TABLE 29 3D PRINTING CONSTRUCTION MARKET SIZE, BY REGION, 2017-2024 (SQUARE METER) 62

TABLE 30 EUROPE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY,

2017-2024 (USD THOUSAND) 63

TABLE 31 EUROPE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY,

2017-2024 (SQUARE METER) 64

TABLE 32 EUROPE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 64

TABLE 33 EUROPE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2016-2023 (SQUARE METER) 64

TABLE 34 3D-PRINTED PROJECTS IN RUSSIA 65

TABLE 35 3D-PRINTED PROJECTS IN FRANCE 66

TABLE 36 FRANCE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 66

TABLE 37 FRANCE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 66

TABLE 38 3D-PRINTED PROJECTS IN DENMARK 67

TABLE 39 3D-PRINTED PROJECTS IN SPAIN 68

TABLE 40 3D-PRINTED PROJECTS IN THE NETHERLANDS 68

TABLE 41 NETHERLANDS: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 68

TABLE 42 NETHERLANDS: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 69

TABLE 43 3D-PRINTED PROJECTS IN ITALY 69

TABLE 44 ROW: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY,

2017-2024 (USD THOUSAND) 70

TABLE 45 ROW: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY,

2017-2024 (SQUARE METER) 70

TABLE 46 ROW: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR,

2017-2024 (USD THOUSAND) 70

TABLE 47 ROW: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR,

2017-2024 (SQUARE METER) 71

TABLE 48 3D-PRINTED PROJECTS IN UAE 71

TABLE 49 UAE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR,

2017-2024 (USD THOUSAND) 72

TABLE 50 UAE: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR,

2017-2024 (SQUARE METER) 72

TABLE 51 SAUDI ARABIA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 73

TABLE 52 SAUDI ARABIA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 73

TABLE 53 APAC: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY, 2017-2024 (USD THOUSAND) 74

TABLE 54 APAC: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY, 2017-2024 (SQUARE METER) 75

TABLE 55 APAC: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 75

TABLE 56 APAC: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 75

TABLE 57 3D-PRINTED PROJECTS IN CHINA 76

TABLE 58 CHINA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 77

TABLE 59 CHINA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 77

TABLE 60 NORTH AMERICA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY, 2017-2024 (USD THOUSAND) 78

TABLE 61 NORTH AMERICA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY COUNTRY, 2017-2024 (SQUARE METER) 79

TABLE 62 NORTH AMERICA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 79

TABLE 63 NORTH AMERICA: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 79

TABLE 64 3D-PRINTED PROJECTS IN THE US 80

TABLE 65 US: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (USD THOUSAND) 81

TABLE 66 US: 3D PRINTING CONSTRUCTION MARKET SIZE, BY END-USE SECTOR, 2017-2024 (SQUARE METER) 81

TABLE 67 NEW PROJECT, 2015-2018 91

TABLE 68 PARTNERSHIP, 2016-2019 92

TABLE 69 EXPANSION, 2015-2019 93

TABLE 70 JOINT VENTURE, 2016-2017 95

TABLE 71 AGREEMENT, 2016-2017 96

TABLE 72 PRODUCT LAUNCH, 2015 96

TABLE 73 INVESTMENT, 2017 97

TABLE 74 CONTRACT, 2018 97

List Of Figures, Charts and Diagrams in 3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

LIST OF FIGURES

FIGURE 1 3D PRINTING CONSTRUCTION MARKET SEGMENTATION 16

FIGURE 2 3D PRINTING CONSTRUCTION: RESEARCH DESIGN 18

FIGURE 3 MARKET SIZE ESTIMATION: BOTTOM-UP APPROACH 22

FIGURE 4 MARKET SIZE ESTIMATION: TOP-DOWN APPROACH 22

FIGURE 5 3D PRINTING CONSTRUCTION MARKET: DATA TRIANGULATION 23

FIGURE 6 BUILDING SECTOR TO GROW AT A FASTER CAGR DURING THE FORECAST YEAR 26

FIGURE 7 EXTRUSION SEGMENT IS ESTIMATED TO DOMINATE THE 3D PRINTING CONSTRUCTION MARKET 26

FIGURE 8 CONCRETE MATERIAL IS ESTIMATED TO DOMINATE THE 3D PRINTING CONSTRUCTION MARKET IN 2018 27

FIGURE 9 EUROPE ACCOUNTED FOR THE LARGEST SHARE IN THE 3D PRINTING CONSTRUCTION MARKET IN 2018 27

FIGURE 10 SAUDI ARABIA TO BE THE FASTEST-GROWING 3D PRINTING CONSTRUCTION MARKET 28

FIGURE 11 HIGH DEMAND FROM THE BUILDING SECTOR TO DRIVE THE MARKET 29

FIGURE 12 EUROPE ACCOUNTED FOR THE LARGEST MARKET SHARE 29

FIGURE 13 BUILDING SECTOR TO DOMINATE THE OVERALL 3D PRINTING CONSTRUCTION MARKET 30

FIGURE 14 EXTRUSION ACCOUNTS FOR THE LARGER SHARE OF THE OVERALL 3D PRINTING CONSTRUCTION MARKET 30

FIGURE 15 SAUDI ARABIA TO REGISTER THE HIGHEST CAGR IN THE 3D PRINTING CONSTRUCTION MARKET 31

FIGURE 16 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN THE 3D PRINTING CONSTRUCTION MARKET 32

FIGURE 17 3D PRINTING CONSTRUCTION MARKET: PORTER'S FIVE FORCES ANALYSIS 36

FIGURE 18 CONCRETE REMAINS THE WIDELY USED MATERIAL TYPE FOR 3D PRINTING CONSTRUCTION 44

FIGURE 19 APAC TO REGISTER THE HIGHEST CAGR IN THE CONCRETE MATERIAL SEGMENT 45

FIGURE 20 EXTRUSION TO BE THE WIDELY USED CONSTRUCTION METHOD FOR 3D CONSTRUCTION PRINTING 51

FIGURE 21 APAC TO REGISTER A HIGH CAGR FOR EXTRUSION CONSTRUCTION METHOD 52

FIGURE 22 BUILDING TO BE THE LEADING END-USER SEGMENT IN THE MARKET 56

FIGURE 23 APAC TO BE THE SECOND-FASTEST GROWING MARKET IN THE BUILDING SEGMENT 57

FIGURE 24 SAUDI ARABIA IS PROJECTED TO BE THE FASTEST-GROWING COUNTRY-LEVEL MARKET, 2019-2024 61

FIGURE 25 EUROPE: 3D PRINTING CONSTRUCTION MARKET SNAPSHOT 63

FIGURE 26 APAC: 3D PRINTING CONSTRUCTION MARKET SNAPSHOT 74

FIGURE 27 NORTH AMERICA: 3D PRINTING CONSTRUCTION MARKET SNAPSHOT 78

FIGURE 28 NEW PROJECT IS THE MOST ADOPTED KEY GROWTH STRATEGY BETWEEN 2015 AND 2018 85

FIGURE 29 3D PRINTING CONSTRUCTION MARKET: COMPETITIVE LEADERSHIP MAPPING, 2018 87

FIGURE 30 YINGCHUANG BUILDING TECHNIQUE (WINSUN): SWOT ANALYSIS 100

FIGURE 31 XTREEE: SWOT ANALYSIS 103

FIGURE 32 APIS COR: SWOT ANALYSIS 105

FIGURE 33 MONOLITE UK (D-SHAPE): SWOT ANALYSIS 107

FIGURE 34 SIKA: COMPANY SNAPSHOT 111

How to Buy...

3D Printing Construction Market by Material Type (Concrete, Metal, Composite), Construction Method (Extrusion, Powder Bonding), End-Use Sector (Building, Infrastructure), Region (North America, Europe, APAC, ROW) - Global Forecast to 2024

Option 1 - Online

Go to our website and pay online with any major debit or credit card:

<https://www.bioportfolio.co.uk/product/234896>

Option 2 - Request a Proforma Invoice

Fill in the details below, and **Scan** this page **and email** it to us at bioportfolio97@gmail.com We will send you a Proforma Invoice and deliver your report on settlement.

Your Name:

Job Title:

Your Email:

Your Contact Phone:

Company Name:

Address:

Post/Zip Code:

Country:

P.O. Number:

Any Other Instructions:

Pricing Options: (please tick one)

- \$5650** | Single User Price
- \$6650** | Multi User Price
- \$8150** | Corporate License Price
- \$10000** | Enterprise License Price

Payment Options: (please tick one)

- Online Credit Card** (we will email you the invoice with a payment link)
- Direct Wire Transfer** (we will email you the invoice with our bank details)

Authorising Signature:

Option 3 - Phone Us on +44 (0)7887 945155

We will be delighted to give you our personal attention.