

# **Global FRP Grating Market by Process Type (Molded Grating and Pultruded Grating), by Resin Type (Polyester Grating, Vinylester Grating, Phenolic Grating, and Other Gratings), by Application Type (Stair Treads, Walkways, Platforms, and Others), by End-Use Industry Type (Industrial, Transportation, Oil & Gas, Water Management, and Others), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017-2022**

<https://marketpublishers.com/r/G807A928A43EN.html>

Date: November 2017

Pages: 250

Price: US\$ 4,290.00 (Single User License)

ID: G807A928A43EN

## **Abstracts**

This is the ONGOING report. If ordered it could be delivered in 2-3 weeks timeframe.

This report, from Stratview Research, studies the global FRP grating market over the period 2017 to 2022. The report provides detailed insights into the market dynamics to enable informed business decision making and growth strategy formulation based on the opportunities in the market.

### **The Global FRP Grating Market: Highlights**

There are healthy opportunities existing in the entire ecosystem of the FRP grating market which is projected to grow at a healthy CAGR of 5.1% during the forecast period of 2017 to 2022. An excellent corrosion and fatigue resistance, high strength and stiffness, high durability, low life-cycle cost, low maintenance cost, and low weight are the major factors driving the demand of FRP grating in most of the end-use industries.

FRP grating is gaining the market traction in most of the major end-use industries by replacing the traditional metal gratings.

The global FRP grating market is segmented based on the process as Molded Grating and Pultruded Grating. The molded grating is expected to remain the most dominant segment of the FRP grating market during the forecast period, whereas pultruded grating is likely to witness the higher growth during the same period, driven by its higher strength and stiffness. All the major players are manufacturing FRP gratings utilizing pultrusion process and are likely to stick with the technology in the foreseeable future. Pultruded gratings are used in all the major industries including industrial, oil & gas, pulp & paper, and mining.

Based on the resin type, the global FRP grating market is segmented as polyester grating, vinylester grating, phenolic grating, and other gratings. The polyester is projected to remain the most dominant resin type in the global FRP grating market during the forecast period. The resin type is also likely to witness the highest growth over the next five years, driven by its low cost, excellent chemical resistance, and good mechanical performance. Phenolic resin is also experiencing a healthy growth in the market, especially in the Oil & Gas industry.

Based on the end-use industry, the industrial sector is likely to remain the largest segment of the global FRP grating market during the forecast period. The segment is also likely to witness the highest growth during the same period, driven by a higher preference of FRP grating over metal ones. The Oil & Gas segment is also expected to register a healthy growth during the same period, driven by rebounding oil & gas exploration activities and higher usage of FRP gratings.

Asia-Pacific is expected to remain the most dominant market for FRP grating during the forecast period. China and India would remain the growth engines of the Asia-Pacific's FRP grating market and are continuously creating a greater demand for FRP grating for industrial, oil & gas, and cooling tower applications. The region is also likely to witness the highest growth during the same period.

The supply chain of this market comprises raw material suppliers, FRP grating manufacturers, distributors, and oil & gas exploration companies, industrial buyers, etc. The global FRP grating market is highly fragmented with the presence of more than 100 global and regional players. Most of the players have the presence in other pultruded applications, such as rebars, structural profiles, and ladder rails.

Strongwell Corporation, Suzhou Grating Co., Ltd., Fibergrate Composite Structures Ltd., Bedford Reinforced Plastics, Inc., ChinaGrate Composite Structures (Nantong) Ltd., Valmont Industries, Inc., Meiser GmbH, and Grand Fiberglass Co., Ltd. are the major players in the FRP grating market. The regional expansion, new product development, and an advancement in the pultrusion technology are the key strategies adopted by major players to gain a competitive edge in the market throughout the globe.

## Research Methodology

This report offers high-quality insights and is the outcome of detailed research methodology comprising extensive secondary research, rigorous primary interviews with industry stakeholders and validation and triangulation with Stratview Research's internal database and statistical tools. More than 1,000 authenticated secondary sources, such as company annual reports, fact book, press release, journals, investor presentation, white papers, patents, and articles have been leveraged to gather the data. We usually conduct more than 10 detailed primary interviews with the market players across the value chain in all four regions and with industry experts to obtain both the qualitative and quantitative insights.

## Report Features

This report provides market intelligence in the most comprehensive way. The report structure has been kept such that it offers maximum business value. It provides critical insights into the market dynamics and will enable strategic decision making for the existing market players as well as those willing to enter the market. The following are the key features of the report:

Market structure: Overview, industry life cycle analysis, supply chain analysis

Market environment analysis: Growth drivers and constraints, Porter's five forces analysis, SWOT analysis

Market trend and forecast analysis

Market segment trend and forecast

Competitive landscape and dynamics: Market share, product portfolio, product launches, etc.

Attractive market segments and associated growth opportunities

Emerging trends

Strategic growth opportunities for the existing and new players

Key success factors

The FRP grating market is segmented into the following categories.

## Global FRP Grating Market by Process Type:

Molded Grating (Regional Analysis: NA, Europe, APAC, and RoW)

Pultruded Grating (Regional Analysis: NA, Europe, APAC, and RoW)

## Global FRP Grating Market by Resin Type:

Polyester Grating (Regional Analysis: NA, Europe, APAC, and RoW)

Vinylester Grating (Regional Analysis: NA, Europe, APAC, and RoW)

Phenolic Grating (Regional Analysis: NA, Europe, APAC, and RoW)

Other Gratings (Regional Analysis: NA, Europe, APAC, and RoW)

## Global FRP Grating Market by Application Type:

Stair Treads (Regional Analysis: NA, Europe, APAC, and RoW)

Walkways (Regional Analysis: NA, Europe, APAC, and RoW)

Platforms (Regional Analysis: NA, Europe, APAC, and RoW)

Others (Regional Analysis: NA, Europe, APAC, and RoW)

## Global FRP Grating Market by End-Use Industry Type:

Industrial (Regional Analysis: NA, Europe, APAC, and RoW)

Transportation (Regional Analysis: NA, Europe, APAC, and RoW)

Oil & Gas (Regional Analysis: NA, Europe, APAC, and RoW)

Water Management (Regional Analysis: NA, Europe, APAC, and RoW)

Others (Regional Analysis: NA, Europe, APAC, and RoW)

## Global FRP Grating Market by Region:

North America (Country Analysis: the USA, Canada, and Mexico)

Europe (Country Analysis: Germany, France, the UK, Russia, and Rest of Europe)

Asia-Pacific (Country Analysis: China, Japan, India, and Rest of Asia-Pacific)

Rest of the World (Country Analysis: The Middle East, Latin America, and Others)

## Report Customization Options

With this detailed report, Stratview Research offers one of the following free customization options to our respectable clients:

### Company Profiling

Detailed profiling of additional market players (up to 3 players)

SWOT analysis of key players (up to 3 players)

## Market Segmentation

Current market segmentation of any one of the studied country by product type

## Competitive Benchmarking

Benchmarking of key players on the following parameters: Product portfolio, geographical reach, regional presence, and strategic alliances

Custom Research: Stratview Research offers custom research services across sectors. In case of any custom research requirement related to market assessment, competitive benchmarking, sourcing and procurement, target screening, and others, please send your inquiry at [sales@stratviewresearch.com](mailto:sales@stratviewresearch.com)

## Contents

### 1. EXECUTIVE SUMMARY

### 2. GLOBAL FRP GRATING MARKET - OVERVIEW AND MARKET FORCES

#### 2.1. Introduction

#### 2.2. Market Classification

##### 2.2.1. By Process

##### 2.2.2. By Resin Type

##### 2.2.3. By Application

##### 2.2.4. By End-Use Industry

##### 2.2.5. By Region

#### 2.3. Market Drivers

#### 2.4. Market Constraints

#### 2.5. Supply Chain Analysis

#### 2.6. Industry Life Cycle Analysis

#### 2.7. PEST Analysis: Impact Assessment of Changing Business Environment

#### 2.8. Porter's Five Forces Analysis

##### 2.8.1. Bargaining Power of Suppliers

##### 2.8.2. Bargaining Power of Customers

##### 2.8.3. Threat of New Entrants

##### 2.8.4. Threat of Substitutes

##### 2.8.5. Competitive Rivalry

#### 2.9. SWOT Analysis

### 3. GLOBAL FRP GRATING MARKET ANALYSIS – BY PROCESS TYPE

#### 3.1. Strategic Insights

#### 3.2. Molded FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

##### 3.2.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

#### 3.3. Pultruded FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

##### 3.3.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

### 4. GLOBAL FRP GRATING MARKET ANALYSIS – BY RESIN TYPE

#### 4.1. Strategic Insights

#### 4.2. Polyester Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

##### 4.2.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

- 4.3. Vinylester Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 4.3.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 4.4. Phenolic Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 4.4.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 4.5. Other FRP Gratings Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 4.5.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

## **5. GLOBAL FRP GRATING MARKET ANALYSIS – BY APPLICATION TYPE**

- 5.1. Strategic Insights
- 5.2. Stair Treads: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 5.2.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 5.3. Walkways: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 5.3.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 5.4. Platforms: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 5.4.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 5.5. Other Applications: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 5.5.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

## **6. GLOBAL FRP GRATING MARKET ANALYSIS – BY END-USE INDUSTRY**

- 6.1. Strategic Insights
- 6.2. Industrial: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 6.2.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 6.3. Transportation: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 6.3.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 6.4. Water Management: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 6.4.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 6.5. Oil & Gas: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 6.5.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)
- 6.6. Others: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)
  - 6.6.1. Regional Trend and Forecast (US\$ Million and Million Lbs.)

## **7. GLOBAL FRP GRATING MARKET ANALYSIS – BY REGION**



## 7.1. Strategic Insights

## 7.2. North American FRP Grating Market Analysis

### 7.2.1. North American FRP Grating Market Trend and Forecast, by Country (US\$ Million and Million Lbs.)

#### 7.2.1.1. The USA: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.2.1.2. Canada: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.2.1.3. Mexico: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

### 7.2.2. North American FRP Grating Market Trend and Forecast, by Process Type (US\$ Million and Million Lbs.)

### 7.2.3. North American FRP Grating Market Trend and Forecast, by Resin Type (US\$ Million and Million Lbs.)

### 7.2.4. North American FRP Grating Market Trend and Forecast, by Application Type (US\$ Million and Million Lbs.)

### 7.2.5. North American FRP Grating Market Trend and Forecast, by End-Use Industry (US\$ Million and Million Lbs.)

## 7.3. European FRP Grating Market Analysis

### 7.3.1. European FRP Grating Market Trend and Forecast, by Country (US\$ Million and Million Lbs.)

#### 7.3.1.1. Germany: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.3.1.2. France: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.3.1.3. The United Kingdom: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.3.1.4. Russia: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.3.1.5. Rest of Europe: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

### 7.3.2. European FRP Grating Market Trend and Forecast, by Process Type (US\$ Million and Million Lbs.)

### 7.3.3. European FRP Grating Market Trend and Forecast, by Resin Type (US\$ Million and Million Lbs.)

### 7.3.4. European FRP Grating Market Trend and Forecast, by Application Type (US\$ Million and Million Lbs.)

### 7.3.5. European FRP Grating Market Trend and Forecast, by End-Use Industry (US\$ Million and Million Lbs.)

## 7.4. Asia-Pacific's FRP Grating Market Analysis

### 7.4.1. Asia-Pacific's FRP Grating Market Trend and Forecast, by Country (US\$ Million and Million Lbs.)

#### 7.4.1.1. China: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.4.1.2. Japan: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

#### 7.4.1.3. India: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)



7.4.1.4. Rest of the Asia-Pacific: FRP Market Trend and Forecast (US\$ Million and Million Lbs.)

7.4.2. Asia-Pacific's FRP Grating Market Trend and Forecast, by Process Type (US\$ Million and Million Lbs.)

7.4.3. Asia-Pacific's FRP Grating Market Trend and Forecast, by Resin Type (US\$ Million and Million Lbs.)

7.4.4. Asia-Pacific's FRP Grating Market Trend and Forecast, by Application Type (US\$ Million and Million Lbs.)

7.4.5. Asia-Pacific's FRP Grating Market Trend and Forecast, by End-Use Industry (US\$ Million and Million Lbs.)

7.5. Rest of the World's (RoW) FRP Grating Market Analysis

7.5.1. RoW's FRP Grating Market Trend and Forecast, by Country (US\$ Million and Million Lbs.)

7.5.1.1. The Middle East: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

7.5.1.2. Latin America: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

7.5.1.3. Others: FRP Grating Market Trend and Forecast (US\$ Million and Million Lbs.)

7.5.2. RoW's FRP Grating Market Trend and Forecast, by Process Type (US\$ Million and Million Lbs.)

7.5.3. RoW's FRP Grating Market Trend and Forecast, by Resin Type (US\$ Million and Million Lbs.)

7.5.4. RoW's FRP Grating Market Trend and Forecast, by Application Type (US\$ Million and Million Lbs.)

7.5.5. RoW's FRP Grating Market Trend and Forecast, by End-Use Industry (US\$ Million and Million Lbs.)

## **8. COMPETITIVE ANALYSIS**

8.1. Strategic Insights

8.2. Product Portfolio Analysis

8.3. Presence by End-Use Industry

8.4. Geographical Presence

8.5. New Product Launches

8.6. Strategic Alliances: Mergers and Acquisitions, Joint Ventures, Collaborations, etc.

8.7. Market Share Analysis

## **9. STRATEGIC GROWTH OPPORTUNITIES**

### 9.1. Strategic Insights

### 9.2. Market Attractive Analysis

#### 9.2.1. Market Attractiveness by Process Type

#### 9.2.2. Market Attractiveness by Resin Type

#### 9.2.3. Market Attractiveness by Application Type

#### 9.2.4. Market Attractiveness by End-Use Industry

#### 9.2.5. Market Attractiveness by Region

#### 9.2.6. Market Attractiveness by Country

### 9.3. Emerging Trends

### 9.4. Growth Matrix Analysis

### 9.5. Key Success Factors

## 10. COMPANY PROFILE OF KEY PLAYERS

### 10.1. AGC Matex Co. Ltd.

### 10.2. Bedford Reinforced Plastics, Inc.

### 10.3. ChinaGrate Composite Structures (Nantong) Ltd.

### 10.4. Creative Pultrusions Inc.

### 10.5. Exel Composites Oyj

### 10.6. Fibergrate Composite Structures Ltd.

### 10.7. Grand Fiberglass Co., Ltd.

### 10.8. Meiser GmbH

### 10.9. SeaSafe, Inc.

### 10.10. Strongwell Corporation

### 10.11. Suzhou Grating Co., Ltd.

### 10.12. Ticomm & Promaco Gruppo

## I would like to order

Product name: Global FRP Grating Market by Process Type (Molded Grating and Pultruded Grating), by Resin Type (Polyester Grating, Vinylester Grating, Phenolic Grating, and Other Gratings), by Application Type (Stair Treads, Walkways, Platforms, and Others), by End-Use Industry Type (Industrial, Transportation, Oil & Gas, Water Management, and Others), and by Region (North America, Europe, Asia-Pacific, and Rest of the World), Trend, Forecast, Competitive Analysis, and Growth Opportunity: 2017-2022

Product link: <https://marketpublishers.com/r/G807A928A43EN.html>

Price: US\$ 4,290.00 (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/G807A928A43EN.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