

# **Composite Doors & Windows Market By Type (Fiber Reinforced Plastics (FRP) , Wood-Plastic Composites (WPC) , Carbon Fiber Composites (CFC) , Others) , By End User (Residential, Commercial, Industrial) : Global Opportunity Analysis and Industry Forecast, 2024-2033**

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## **Abstracts**

### Composite Doors & Windows Market

The composite doors & windows market was valued at \$865.0 million in 2023 and is projected to reach \$1775.8 million by 2033, growing at a CAGR of 7.6% from 2024 to 2033.

Composite doors & windows are designed using different materials combined particularly for the properties they exhibit. The common materials used in the creation of such high-performance door & windows include engineered wooden cores or timber, fiberglass, aluminum, and unplasticized polyvinyl chloride. The key benefits of composite doors & windows over conventional ones include high security, remarkable durability, low maintenance requirements, insulation, energy efficiency, and aesthetic appeal due to availability of customization.

Increase in efforts to enhance the energy efficiency of infrastructure has boosted the installation of composite doors & windows, driving the development of the market. Furthermore, their low maintenance requirements act as a key driver of the market. In addition, as the demand for installation of aesthetically pleasing components continues to increase in both residential and commercial spaces, the composite doors & windows market is anticipated to grow substantially in coming years. Currently, the trend of

sustainability is gaining notable prominence in the market. Manufacturers are focusing on enhancing the quantity of recycled components for the making of composite doors & windows. The use of recycled materials reduces waste production of manufacturing companies and the extended lifespan of composite doors & windows eliminates the need for frequent replacements, thereby elevating the sustainability of the industry.

However, high cost of composite doors & windows deters several budget-sensitive consumers from investing in them, hampering the development of the market. Moreover, extensive preference for wooden doors & windows among individuals limits the adoption of composite ones, restraining the market growth significantly. On the contrary, as the landscape of smart homes continues to expand, the composite doors & windows market is anticipated to witness several lucrative opportunities in coming years. According to a survey by Frontier—an American communications provider—approximately 47% smart home devices owners believe that home security devices offer high return on investment. Therefore, the high security of composite doors & windows owing to the integration of smart locks and automated shading is poised to open new avenues for the market.

## Segment Review

The composite doors & windows market is segmented into type, end user, and region. On the basis of type, the market is divided into fiber reinforced plastics (FRP), wood-plastic composites (WPC), carbon fiber composites (CFC), and others. Depending on end user, it is classified into residential, commercial, and industrial. Region wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

## Key Findings

On the basis of type, the fiber reinforced plastics (FRP) segment held a high share of the market in 2023.

Depending on end user, the residential segment acquired a high stake in the market in 2023.

Region wise, Asia-Pacific was the highest revenue generator in 2023.

## Competition Analysis

The leading players operating in the global composite doors & windows market include Yashashri Polyextrusion Pvt. Ltd., Exel Composites, Fiber Tech Composite Pvt. Ltd., Ecoste, Dorteck Ltd., ANDERSEN CORPORATION, Pella Corporation, Vello Nordic AS, Hardy Smith, and Special-Lite. These major players have adopted various key development strategies such as business expansion, new product launches, and partnerships to strengthen their foothold in the competitive market.

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Manufacturing Capacity

Upcoming/New Entrant by Regions

Technology Trend Analysis

Market share analysis of players by products/segments

New Product Development/ Product Matrix of Key Players

Regulatory Guidelines

Additional company profiles with specific to client's interest

Additional country or region analysis- market size and forecast

Expanded list for Company Profiles

Key player details (including location, contact details, supplier/vendor network etc. in excel format)

List of customers/consumers/raw material suppliers- value chain analysis

Market share analysis of players at global/region/country level

SWOT Analysis

## Key Market Segments

### By Type

Fiber Reinforced Plastics (FRP)

Wood-Plastic Composites (WPC)

Carbon Fiber Composites (CFC)

Others

## By End User

Residential

Commercial

Industrial

## By Region

North America

U.S.

Canada

Mexico

Europe

France

Germany

Italy

Spain

UK

Rest of Europe

Asia-Pacific

China

Japan

India

South Korea

Australia

Rest of Asia-Pacific

LAMEA

Brazil

South Africa

Saudi Arabia

UAE

Rest of LAMEA

Key Market Players

Yashashri Polyextrusion Pvt. Ltd.

Exel Composites

Fiber Tech Composite Pvt. Ltd.

Ecoste

Dortek Ltd

ANDERSEN CORPORATION

Pella Corporation

Vello nordic as

Hardy Smith

## Special-Lite

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