

## **Energy Efficient Windows Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-11-02 | 145 pages | IMARC Group

### **AVAILABLE LICENSES:**

- Electronic (PDF) Single User \$2499.00
- Five User Licence \$3499.00
- Enterprisewide License \$4499.00

### **Report description:**

The global energy efficient windows market size reached US\$ 19,588.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31,641.7 Million by 2028, exhibiting a growth rate (CAGR) of 8.3% during 2022-2028.

Energy-efficient windows refer to technologically upgraded ventilation systems that offer optimal heat gain and loss protection. They assist in minimizing the use of artificial cooling and heating in an infrastructure. They help prevent the escape of conditioned air from the complexes, thereby eliminating the transfer of heat in both directions. They also aid in maintaining the optimum level of light, warmth, and ventilation in the room. Presently, energy-efficient windows are available in double glazing, triple glazing, low emissivity (low-E) coatings, and argon or krypton gas filling variants.

### **Energy Efficient Windows Market Trends:**

The surging global population and the significant rise in construction activities of residential and commercial buildings are positively influencing the market. In addition, the increasing requirement for effective ventilation systems to minimize energy consumption and air conditioning costs is creating a positive outlook for the market. Apart from this, shifting consumer preferences toward energy-efficient windows as they help reduce the power wastage by cutting off the outlet of air from the room. Along with this, the increasing adoption of green building concepts and rising consciousness among individuals about the harmful effects of artificial air on the environment are contributing to the market growth. Additionally, the integration of innovative windows integrated with artificial intelligence (AI) and the internet of things (IoT) is stimulating the market growth. Furthermore, the implementation of favorable government policies promoting sustainable development, along with increasing investments in extensive infrastructural development, is anticipated to drive the market.

### **Key Market Segmentation:**

IMARC Group provides an analysis of the key trends in each sub-segment of the global energy efficient windows market report, along with forecasts at the global, regional, and country level from 2023-2028. Our report has categorized the market based on

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

operating type, glazing type, component, and end use.

#### Breakup by Operating Type:

- Awning
- Casement
- Double-hung
- Fixed
- Hopper
- Sliding

Awning windows currently dominate the market as they offer maximum privacy and an attractive look to the buildings.

#### Breakup by Glazing Type:

- Double Glazing
- Triple Glazing
- Others

Double glazing windows presently represent the largest market segment as they reduce noise pollution and the amount of moisture on window panes.

#### Breakup by Component:

- Frame
- Glass
- Hardware

Frame holds the majority of the global energy-efficient windows market share.

#### Breakup by End Use:

- Residential
- Non-Residential

The residential sector currently accounts for the majority of the market share due to a significant rise in the construction, renovation, and remodeling activities of residential buildings.

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific
- China
- Japan
- India

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

North America exhibits a clear dominance in the market due to the rising construction of educational institutions and hospitals in the region.

#### Competitive Landscape:

The competitive landscape of the market has been analyzed in the report, along with the detailed profiles of the major players operating in the industry. Some of these players are Andersen Corporation, Builders Firstsource Inc., Deceuninck NV, JELD-WEN Inc., Marvin Windows Inc., Masco Corporation, PGT Innovations Inc., Ply Gem Residential Solutions, Schott AG, The REHAU Group, VKR Holding A/S and YKK Corporation.

#### Key Questions Answered in This Report

1. How big is the global energy efficient windows market?
2. What is the expected growth rate of the global energy efficient windows market during 2023-2028?
3. What are the key factors driving the global energy efficient windows market?
4. What has been the impact of COVID-19 on the global energy efficient windows market?
5. What is the breakup of the global energy efficient windows market based on the operating type?
6. What is the breakup of the global energy efficient windows market based on the glazing type?
7. What is the breakup of the global energy efficient windows market based on the component?
8. What is the breakup of the global energy efficient windows market based on the end use?
9. What are the key regions in the global energy efficient windows market?
10. Who are the key players/companies in the global energy efficient windows market?

#### Table of Contents:

- 1 Preface
- 2 Scope and Methodology
  - 2.1 Objectives of the Study
  - 2.2 Stakeholders
  - 2.3 Data Sources
    - 2.3.1 Primary Sources

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 2.3.2Secondary Sources
- 2.4Market Estimation
  - 2.4.1Bottom-Up Approach
  - 2.4.2Top-Down Approach
- 2.5Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
  - 4.1Overview
  - 4.2Key Industry Trends
- 5 Global Energy Efficient Windows Market
  - 5.1Market Overview
  - 5.2Market Performance
  - 5.3Impact of COVID-19
  - 5.4Market Forecast
- 6 Market Breakup by Operating Type
  - 6.1Awning
    - 6.1.1 Market Trends
    - 6.1.2 Market Forecast
  - 6.2Casement
    - 6.2.1 Market Trends
    - 6.2.2 Market Forecast
  - 6.3Double-hung
    - 6.3.1 Market Trends
    - 6.3.2 Market Forecast
  - 6.4Fixed
    - 6.4.1 Market Trends
    - 6.4.2 Market Forecast
  - 6.5Hopper
    - 6.5.1 Market Trends
    - 6.5.2 Market Forecast
  - 6.6Sliding
    - 6.6.1 Market Trends
    - 6.6.2 Market Forecast
- 7 Market Breakup by Glazing Type
  - 7.1Double Glazing
    - 7.1.1 Market Trends
    - 7.1.2 Market Forecast
  - 7.2Triple Glazing
    - 7.2.1 Market Trends
    - 7.2.2 Market Forecast
  - 7.3Others
    - 7.3.1 Market Trends
    - 7.3.2 Market Forecast
- 8 Market Breakup by Component
  - 8.1Frame
    - 8.1.1 Market Trends
    - 8.1.2 Market Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 8.2Glass
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3Hardware
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast
- 9 Market Breakup by End Use
  - 9.1Residential
    - 9.1.1 Market Trends
    - 9.1.2 Market Forecast
  - 9.2Non-Residential
    - 9.2.1 Market Trends
    - 9.2.2 Market Forecast
- 10 Market Breakup by Region
  - 10.1North America
    - 10.1.1 United States
      - 10.1.1.1 Market Trends
      - 10.1.1.2 Market Forecast
    - 10.1.2 Canada
      - 10.1.2.1 Market Trends
      - 10.1.2.2 Market Forecast
  - 10.2Asia-Pacific
    - 10.2.1 China
      - 10.2.1.1 Market Trends
      - 10.2.1.2 Market Forecast
    - 10.2.2 Japan
      - 10.2.2.1 Market Trends
      - 10.2.2.2 Market Forecast
    - 10.2.3 India
      - 10.2.3.1 Market Trends
      - 10.2.3.2 Market Forecast
    - 10.2.4 South Korea
      - 10.2.4.1 Market Trends
      - 10.2.4.2 Market Forecast
    - 10.2.5 Australia
      - 10.2.5.1 Market Trends
      - 10.2.5.2 Market Forecast
    - 10.2.6 Indonesia
      - 10.2.6.1 Market Trends
      - 10.2.6.2 Market Forecast
    - 10.2.7 Others
      - 10.2.7.1 Market Trends
      - 10.2.7.2 Market Forecast
  - 10.3Europe
    - 10.3.1 Germany
      - 10.3.1.1 Market Trends
      - 10.3.1.2 Market Forecast

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 10.3.2 France
  - 10.3.2.1 Market Trends
  - 10.3.2.2 Market Forecast
- 10.3.3 United Kingdom
  - 10.3.3.1 Market Trends
  - 10.3.3.2 Market Forecast
- 10.3.4 Italy
  - 10.3.4.1 Market Trends
  - 10.3.4.2 Market Forecast
- 10.3.5 Spain
  - 10.3.5.1 Market Trends
  - 10.3.5.2 Market Forecast
- 10.3.6 Russia
  - 10.3.6.1 Market Trends
  - 10.3.6.2 Market Forecast
- 10.3.7 Others
  - 10.3.7.1 Market Trends
  - 10.3.7.2 Market Forecast
- 10.4 Latin America
  - 10.4.1 Brazil
    - 10.4.1.1 Market Trends
    - 10.4.1.2 Market Forecast
  - 10.4.2 Mexico
    - 10.4.2.1 Market Trends
    - 10.4.2.2 Market Forecast
  - 10.4.3 Others
    - 10.4.3.1 Market Trends
    - 10.4.3.2 Market Forecast
- 10.5 Middle East and Africa
  - 10.5.1 Market Trends
  - 10.5.2 Market Breakup by Country
  - 10.5.3 Market Forecast
- 11 SWOT Analysis
  - 11.1 Overview
  - 11.2 Strengths
  - 11.3 Weaknesses
  - 11.4 Opportunities
  - 11.5 Threats
- 12 Value Chain Analysis
- 13 Porters Five Forces Analysis
  - 13.1 Overview
  - 13.2 Bargaining Power of Buyers
  - 13.3 Bargaining Power of Suppliers
  - 13.4 Degree of Competition
  - 13.5 Threat of New Entrants
  - 13.6 Threat of Substitutes
- 14 Price Analysis

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

- 15 Competitive Landscape
  - 15.1 Market Structure
  - 15.2 Key Players
  - 15.3 Profiles of Key Players
    - 15.3.1 Andersen Corporation
      - 15.3.1.1 Company Overview
      - 15.3.1.2 Product Portfolio
    - 15.3.2 Builders Firstsource Inc.
      - 15.3.2.1 Company Overview
      - 15.3.2.2 Product Portfolio
      - 15.3.2.3 Financials
      - 15.3.2.4 SWOT Analysis
    - 15.3.3 Deceuninck NV
      - 15.3.3.1 Company Overview
      - 15.3.3.2 Product Portfolio
      - 15.3.3.3 Financials
    - 15.3.4 JELD-WEN Inc.
      - 15.3.4.1 Company Overview
      - 15.3.4.2 Product Portfolio
      - 15.3.4.3 Financials
      - 15.3.4.4 SWOT Analysis
    - 15.3.5 Marvin
      - 15.3.5.1 Company Overview
      - 15.3.5.2 Product Portfolio
    - 15.3.6 Masco Corporation
      - 15.3.6.1 Company Overview
      - 15.3.6.2 Product Portfolio
      - 15.3.6.3 Financials
      - 15.3.6.4 SWOT Analysis
    - 15.3.7 PGT Innovations Inc.
      - 15.3.7.1 Company Overview
      - 15.3.7.2 Product Portfolio
      - 15.3.7.3 Financials
    - 15.3.8 Ply Gem Residential Solutions (Cornerstone Building Brands Inc.)
      - 15.3.8.1 Company Overview
      - 15.3.8.2 Product Portfolio
    - 15.3.9 Schott AG
      - 15.3.9.1 Company Overview
      - 15.3.9.2 Product Portfolio
    - 15.3.10 The REHAU Group
      - 15.3.10.1 Company Overview
      - 15.3.10.2 Product Portfolio
    - 15.3.11 VKR Holding A/S
      - 15.3.11.1 Company Overview
      - 15.3.11.2 Product Portfolio
    - 15.3.12 YKK Corporation
      - 15.3.12.1 Company Overview

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)

[www.scotts-international.com](http://www.scotts-international.com)

15.3.12.2 Product Portfolio  
15.3.12.3 SWOT Analysis



## Energy Efficient Windows Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Market Report | 2023-11-02 | 145 pages | IMARC Group

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

### ORDER FORM:

Select license	License	Price
	Electronic (PDF) Single User	\$2499.00
	Five User Licence	\$3499.00
	Enterprisewide License	\$4499.00
		VAT
		Total

\*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ \*\* VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-06-24"/>
		Signature	

**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



**Scotts International. EU Vat number: PL 6772247784**

tel. 0048 603 394 346 e-mail: [support@scotts-international.com](mailto:support@scotts-international.com)  
[www.scotts-international.com](http://www.scotts-international.com)