

Energy-Efficient Window Market by Component (Glass, Frame, and Hardware), Application (New Construction and Renovation & Reconstruction), End-Use Sector (Residential and Non-Residential), Glazing Type, and Region - Global Forecast to 2026

<https://marketpublishers.com/r/E5401293D66EN.html>

Date: November 2021

Pages: 206

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

ID: E5401293D66EN

Abstracts

The global energy-efficient windows market size is projected to grow from USD 13.1 billion in 2021 to USD 18.3 billion by 2026, at a CAGR of 7.0% between 2021 and 2026. Energy-efficient windows is demanded majorly in non-residential end-use sector. However, global pandemic disease COVID-19 has disrupted the operations of energy-efficient windows industries which has decreased the demand for energy-efficient windows in 2020.

“Double Glazed Energy efficient windows holds the largest market share of Energy efficient windows, in terms of value.”

The double-glazed segment is projected to witness the high growth during the forecast period due to the growing demand from the residential and non-residential sectors. Energy-efficient windows are sound-proof, dust-proof, and ideal for energy conservation. Double-glazed windows considerably reduce heat loss and improve the energy conservation rate. These windows find applications in both renovation and new constructions.

“Non-residential is the fastest-growing end-use sector of energy-efficient windows, in terms of value.”

Non-residential constructions that use energy-efficient windows include commercial buildings, such as offices, hotels, hospitals, educational institutes, and airports. Large

commercial buildings are built with the concept of saving energy. These buildings are also built for breakeven in the long run, and hence opting for energy-efficient windows seems to be a favorable option. Growing economies are witnessing increasing demand for green buildings in the commercial construction segment. Recently, European and North American countries have also seen a spurt in demand for such buildings. In developing countries, the construction of educational institutions and hospitals is increasing, leading to a growth in the energy-efficient windows market in the non-residential end-use sector

“APAC is the fastest-growing Energy-efficient windows market.”

APAC is projected to register the highest CAGR in terms of value in the global energy-efficient windows market during the forecast period. The growth of the energy-efficient windows industry in this region is supported by the recovery in construction industry, and the rising awareness & concern regarding carbon emission and energy conservation.

Due to COVID-19, construction industry came to a halt, that has led to reduced demand for energy-efficient windows in APAC countries. The recovery in the end-use sector with restoration in the supply chain would drive the energy-efficient windows demand during the forecast period. The rapid industrialization in the region would support the high growth rate.

This study has been validated through primaries conducted with various industry experts, globally. These primary sources have been divided into the following three categories:

By Company Type: Tier 1 (40%), Tier 2 (33%), and Tier 3 (27%)

By Designation: C-level Executives (50%), Directors (30%), and Others (20%)

By Region: North America (15%), Europe (50%), Asia (20%), and the RoW (15%)

The report provides a comprehensive analysis of company profiles listed below:

YKK AP, Inc. (Japan)

Jeld-Wen Holding, Inc. (U.S.)

Builders FirstSource, Inc. (U.S.)

Saint Gobain S.A. (France)

Asahi Glass Co.Ltd. (Japan)

Nippon Sheet Glass Co. Ltd. (Japan)

Deceuninck NV (Belgium)

PGT, Inc. (US)

Apogee Enterprises Inc. (US)

Schott AG (Germany)

Ply Gem Holdings, Inc. (US)

Central Glass Co. Ltd. (Japan)

Associated Materials LLC (US)

China Glass Holdings Ltd. (China)

VKR Holding A/S (Denmark)

Research Coverage

This report covers the global energy-efficient windows market and forecasts the market size until 2026. The report includes the market segmentation –Glazing Type (Double Glazed, Triple Glazed and others), By End-use sector (Non-residential and residential), by Application (New construction and renovation & reconstruction), by Component (Glass, Fiber and Hardware) and Region (Europe, North America, APAC, South America, and MEA). Porter's Five Forces analysis, along with the drivers, restraints, opportunities, and challenges, are discussed in the report. It also provides company profiles and competitive strategies adopted by the major players in the global energy-

efficient windows market.

Key benefits of buying the report:

The report will help market leaders/new entrants in this market in the following ways:

1. This report segments the global energy-efficient windows market comprehensively and provides the closest approximations of the revenues for the overall market and the sub-segments across different verticals and regions.
2. The report helps stakeholders understand the pulse of the energy-efficient windows market and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to better their position in their businesses. The competitive landscape section includes the competitor ecosystem, new product development, agreement, and acquisitions.

Reasons to buy the report:

The report will help market leaders/new entrants in this market by providing them with the closest approximations of the revenues for the overall energy-efficient windows market and the sub-segments. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way. The report will also help stakeholders understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 OBJECTIVES OF THE STUDY

1.2 MARKET DEFINITION

1.2.1 INCLUSIONS & EXCLUSIONS

1.3 MARKET SCOPE

FIGURE 1 ENERGY-EFFICIENT WINDOWS MARKET SEGMENTATION

1.3.1 REGIONS COVERED

1.3.2 YEARS CONSIDERED IN THE STUDY

1.4 CURRENCY

1.5 UNIT CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 BASE NUMBER CALCULATION

2.1.1 SUPPLY-SIDE ANALYSIS

2.1.2 DEMAND-SIDE APPROACH

2.1.2.1 Energy-Efficient Windows Market

2.2 FORECAST NUMBER CALCULATION

2.2.1 SUPPLY SIDE

2.2.2 DEMAND SIDE

2.3 RESEARCH DATA

2.3.1 SECONDARY DATA

2.3.2 PRIMARY DATA

2.3.2.1 Primary interviews – top leaders in energy efficient window landscape

2.3.2.2 Breakdown of primary interviews

2.3.2.3 Key industry insights

2.4 MARKET SIZE ESTIMATION

2.4.1 BOTTOM-UP APPROACH

FIGURE 2 ENERGY-EFFICIENT WINDOWS MARKET: BOTTOM-UP APPROACH

2.4.2 TOP-DOWN APPROACH

FIGURE 3 ENERGY-EFFICIENT WINDOWS MARKET: TOP-DOWN APPROACH

2.5 DATA TRIANGULATION

FIGURE 4 ENERGY-EFFICIENT WINDOWS MARKET: DATA TRIANGULATION

2.6 FACTOR ANALYSIS

2.7 ASSUMPTIONS

2.7.1 LIMITATIONS & RISKS

3 EXECUTIVE SUMMARY

FIGURE 5 NON-RESIDENTIAL SECTOR ACCOUNTED FOR LARGER SHARE OF ENERGY-EFFICIENT WINDOWS MARKET IN 2020

FIGURE 6 DOUBLE-GLAZED WINDOWS DOMINATED ENERGY-EFFICIENT WINDOWS MARKET IN 2020

FIGURE 7 FRAME TO BE FASTEST-GROWING SEGMENT OF ENERGY-EFFICIENT WINDOWS MARKET

FIGURE 8 RENOVATION & RECONSTRUCTION DOMINATED ENERGY-EFFICIENT WINDOWS MARKET IN 2020

FIGURE 9 NORTH AMERICA LED ENERGY-EFFICIENT WINDOWS MARKET IN 2020

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES IN ENERGY-EFFICIENT WINDOWS MARKET

FIGURE 10 SIGNIFICANT GROWTH EXPECTED IN ENERGY-EFFICIENT WINDOWS MARKET BETWEEN 2021 AND 2026

4.2 ENERGY-EFFICIENT WINDOWS MARKET, BY END-USE SECTOR AND APPLICATION, 2020

FIGURE 11 NON-RESIDENTIAL SECTOR LED ENERGY-EFFICIENT WINDOWS MARKET WITH RENOVATION & RECONSTRUCTION AS MAJOR APPLICATION

4.3 ENERGY-EFFICIENT WINDOWS MARKET, BY GLAZING TYPE, 2021-2026

FIGURE 12 DOUBLE-GLAZED WINDOWS TO DOMINATE MARKET

4.4 ENERGY-EFFICIENT WINDOWS MARKET, BY REGION

FIGURE 13 NORTH AMERICA TO DOMINATE ENERGY-EFFICIENT WINDOWS MARKET

4.5 ENERGY-EFFICIENT WINDOWS MARKET GROWTH BY KEY COUNTRIES

FIGURE 14 CHINA TO BE FASTEST-GROWING ENERGY-EFFICIENT WINDOWS MARKET, (2021–2026)

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 15 DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES IN ENERGY-EFFICIENT WINDOWS MARKET

5.2.1 DRIVERS

5.2.1.1 Optimum energy-saving option

5.2.1.2 Increasing government initiatives to adopt energy-efficient windows

TABLE 1 LEGAL REQUIREMENT FOR RENOVATION OF WINDOWS IN EUROPE

5.2.1.3 Growing construction market

TABLE 2 UPCOMING CONSTRUCTION PROJECTS IN EUROPE

5.2.2 RESTRAINTS

5.2.2.1 High investment requirements

TABLE 3 DOUBLE-HUNG WINDOWS AVERAGE PRICE RANGE BASED ON FRAME MATERIAL (USD)

5.2.2.2 Higher cost of glass bonding adhesives than conventional adhesives

FIGURE 16 PRICE COMPARISON: CONVENTIONAL ADHESIVES VS. GLASS-BONDING ADHESIVES

5.2.2.3 Lack of awareness about energy-efficient windows

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing support for energy management in buildings from public and private sectors

TABLE 4 FEDERAL FUNDING FOR ENERGY-EFFICIENCY IN BUILDINGS (DOE)

5.2.3.2 Urban population growth

TABLE 5 URBAN POPULATION GROWTH IN 2020 IN EUROPE

5.2.4 CHALLENGES

5.2.4.1 High carbon emissions in glass production

5.3 INDUSTRY TRENDS

FIGURE 17 ENERGY-EFFICIENT WINDOWS MARKET: PORTER'S FIVE FORCES ANALYSIS

5.3.1 THREAT OF NEW ENTRANTS

5.3.2 THREAT OF SUBSTITUTES

5.3.3 BARGAINING POWER OF BUYERS

5.3.4 BARGAINING POWER OF SUPPLIERS

5.3.5 INTENSITY OF COMPETITIVE RIVALRY

TABLE 6 ENERGY-EFFICIENT WINDOWS MARKET: PORTER'S FIVE FORCES ANALYSIS

5.4 TECHNOLOGY ANALYSIS

5.5 ECOSYSTEM: ENERGY-EFFICIENT WINDOWS MARKET

5.6 VALUE CHAIN ANALYSIS

5.7 SUPPLY CHAIN ANALYSIS

5.8 IMPACT OF COVID-19

5.8.1 IMPACT OF COVID-19 ON ENERGY-EFFICIENT WINDOWS MARKET

5.8.2 IMPACT OF COVID-19 ON CONSTRUCTION INDUSTRY

TABLE 7 IMPACT OF COVID-19 ON ECONOMIES

5.9 ENERGY-EFFICIENT WINDOWS MARKET: OPTIMISTIC, PESSIMISTIC, AND REALISTIC SCENARIOS

TABLE 8 ENERGY-EFFICIENT WINDOWS MARKET: CAGR (BY VALUE) IN REALISTIC, PESSIMISTIC, AND OPTIMISTIC SCENARIOS

5.9.1 OPTIMISTIC SCENARIO

5.9.2 PESSIMISTIC SCENARIO

5.9.3 REALISTIC SCENARIO

5.10 AVERAGE PRICING

TABLE 9 ENERGY-EFFICIENT WINDOWS PRICE BASED ON MATERIAL AND QUALITY

5.11 KEY MARKETS FOR IMPORT/EXPORT

TABLE 10 COUNTRY-WISE EXPORT OF HS CODE 761010 (ALUMINUM; STRUCTURES (EXCLUDING PREFABRICATED BUILDINGS OF HEADING NO. 9406) AND PARTS OF STRUCTURES, DOORS, WINDOWS AND THEIR FRAMES, AND THRESHOLDS FOR DOORS) IN 2020

TABLE 11 COUNTRY-WISE IMPORT OF HS CODE 761010 (ALUMINUM; STRUCTURES (EXCLUDING PREFABRICATED BUILDINGS OF HEADING NO. 9406) AND PARTS OF STRUCTURES, DOORS, WINDOWS AND THEIR FRAMES, AND THRESHOLDS FOR DOORS) IN 2020

TABLE 12 COUNTRY-WISE EXPORT OF HS CODE 441810 (WOOD; WINDOWS, FRENCH WINDOWS, AND THEIR FRAMES) IN 2020

TABLE 13 COUNTRY-WISE IMPORT OF HS CODE 441810 (WOOD; WINDOWS, FRENCH WINDOWS, AND THEIR FRAMES) IN 2020

TABLE 14 COUNTRY-WISE EXPORT OF HS CODE 392520 (PLASTICS; BUILDERS' WARE, DOORS, WINDOWS AND THEIR FRAMES, AND THRESHOLDS FOR DOORS) IN 2020

TABLE 15 COUNTRY-WISE IMPORT OF HS CODE 392520 (PLASTICS; BUILDERS' WARE, DOORS, WINDOWS AND THEIR FRAMES, AND THRESHOLDS FOR DOORS) IN 2020

5.12 CASE STUDY ANALYSIS

5.13 TARIFF AND REGULATIONS

TABLE 16 CURRENT STANDARD CODES FOR ENERGY-EFFICIENT/INSULATED GLASS IN BUILDINGS

TABLE 17 RATING SYSTEMS FOR ENERGY-EFFICIENT WINDOWS

TABLE 18 GLASS STANDARDS AND GUIDELINES, AS PER FENESTRATION & GLAZING INDUSTRY ALLIANCE (FGIA)

5.14 PATENT ANALYSIS

5.14.1 INTRODUCTION

5.14.2 METHODOLOGY

5.14.3 DOCUMENT TYPE

TABLE 19 PATENTS SUMMARY FOR LAST 10 YEARS

FIGURE 19 PATENTS APPLICATION SUMMARY FOR LAST 10 YEARS

FIGURE 20 PUBLICATION TRENDS - LAST 10 YEARS

5.14.4 LEGAL STATUS OF PATENTS

FIGURE 21 PUBLICATION TRENDS - LAST 10 YEARS

5.14.5 JURISDICTION ANALYSIS

FIGURE 22 PUBLICATION TRENDS - LAST 10 YEARS

5.14.6 TOP COMPANIES/APPLICANTS

FIGURE 23 PUBLICATION TRENDS - LAST 10 YEARS

5.14.7 LIST OF PATENTS

5.14.7.1 Guardian Industries Corp.

TABLE 20 PATENTS BY GUARDIAN INDUSTRIES CORP.

5.14.7.2 Corning Inc.

TABLE 21 PATENTS BY CORNING INC.

5.14.8 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS

TABLE 22 TOP 10 PATENT OWNERS (US) IN LAST 10 YEARS

5.15 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

6 ENERGY-EFFICIENT WINDOWS MARKET, BY GLAZING TYPE

6.1 INTRODUCTION

FIGURE 24 DOUBLE-GLAZED ENERGY-EFFICIENT WINDOWS TO DOMINATE MARKET DURING FORECAST PERIOD

TABLE 23 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 24 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

6.1.1 DOUBLE GLAZED

FIGURE 25 NORTH AMERICA TO BE BIGGEST MARKET FOR DOUBLE-GLAZED ENERGY-EFFICIENT WINDOWS

TABLE 25 DOUBLE-GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 26 DOUBLE-GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

6.1.1.1 Double-glazed Low-E windows

6.1.1.2 Double-glazed gas-filled window

6.1.1.3 Double-glazed Low-E gas-filled windows

6.1.2 TRIPLE GLAZED

FIGURE 26 NORTH AMERICA TO BE LARGEST MARKET FOR TRIPLE-GLAZED ENERGY-EFFICIENT WINDOWS

TABLE 27 TRIPLE-GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 28 TRIPLE-GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

6.1.2.1 Triple-glazed Low-E window

6.1.2.2 Triple-glazed gas-filled window

6.1.2.3 Triple-glazed low-E gas-filled window

6.1.3 OTHERS

FIGURE 27 NORTH AMERICA TO BE LARGEST MARKET FOR OTHER GLAZED ENERGY-EFFICIENT WINDOWS

TABLE 29 OTHER GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 30 OTHER GLAZED ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

7 ENERGY-EFFICIENT WINDOWS MARKET, BY COMPONENT

7.1 INTRODUCTION

FIGURE 28 GLASS COMPONENT TO DOMINATE ENERGY-EFFICIENT WINDOWS MARKET DURING FORECAST PERIOD

TABLE 31 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)

TABLE 32 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)

7.2 GLASS

FIGURE 29 NORTH AMERICA TO BE BIGGEST MARKET FOR GLASS FOR ENERGY-EFFICIENT WINDOWS

TABLE 33 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR GLASS, BY REGION, 2017-2020 (USD MILLION)

TABLE 34 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR GLASS, BY REGION, 2021–2026 (USD MILLION)

7.3 FRAME

FIGURE 30 NORTH AMERICA TO BE LARGEST MARKET FOR FRAMES FOR ENERGY-EFFICIENT WINDOWS

TABLE 35 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR FRAMES, BY REGION, 2017–2020 (USD MILLION)

TABLE 36 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR FRAMES, BY REGION, 2021–2026 (USD MILLION)

7.3.1 VINYL WINDOW

7.3.2 ALUMINUM WINDOW

7.3.3 WOODEN WINDOW

7.4 HARDWARE

FIGURE 31 APAC TO BE FASTEST-GROWING MARKET FOR HARDWARE FOR ENERGY-EFFICIENT WINDOWS

TABLE 37 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR HARDWARE, BY REGION, 2017–2020 (USD MILLION)

TABLE 38 ENERGY-EFFICIENT WINDOWS MARKET SIZE FOR HARDWARE, BY REGION, 2021–2026 (USD MILLION)

8 ENERGY-EFFICIENT WINDOWS MARKET, BY END-USE SECTOR

8.1 INTRODUCTION

FIGURE 32 NON-RESIDENTIAL SECTOR TO DOMINATE ENERGY-EFFICIENT WINDOWS MARKET DURING FORECAST PERIOD

TABLE 39 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017-2020 (USD MILLION)

TABLE 40 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

8.1.1 NON-RESIDENTIAL

FIGURE 33 APAC TO BE FASTEST-GROWING ENERGY-EFFICIENT WINDOWS MARKET IN NON-RESIDENTIAL SECTOR

TABLE 41 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN NON-RESIDENTIAL SECTOR, BY REGION, 2017–2020 (USD MILLION)

TABLE 42 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN NON-RESIDENTIAL SECTOR, BY REGION, 2021–2026 (USD MILLION)

8.1.2 RESIDENTIAL

FIGURE 34 NORTH AMERICA TO BE FASTEST-GROWING ENERGY-EFFICIENT WINDOWS MARKET FOR RESIDENTIAL SECTOR

TABLE 43 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN RESIDENTIAL SECTOR, BY REGION, 2017–2020 (USD MILLION)

TABLE 44 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN RESIDENTIAL SECTOR, BY REGION, 2021–2026 (USD MILLION)

9 ENERGY-EFFICIENT WINDOWS MARKET, BY APPLICATION

9.1 INTRODUCTION

FIGURE 35 RENOVATION & RECONSTRUCTION TO DOMINATE ENERGY-EFFICIENT WINDOW MARKET DURING FORECAST PERIOD

TABLE 45 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 46 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)

9.1.1 RENOVATION & RECONSTRUCTION

FIGURE 36 NORTH AMERICA TO BE FASTEST-GROWING RENOVATION & RECONSTRUCTION MARKET

TABLE 47 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN RENOVATION & RECONSTRUCTION, BY REGION, 2017–2020 (USD MILLION)

TABLE 48 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN RENOVATION & RECONSTRUCTION, BY REGION, 2021–2026 (USD MILLION)

9.1.2 NEW CONSTRUCTION

FIGURE 37 NORTH AMERICA TO BE BIGGEST NEW CONSTRUCTION MARKET

TABLE 49 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN NEW CONSTRUCTION, BY REGION, 2017–2020 (USD MILLION)

TABLE 50 ENERGY-EFFICIENT WINDOWS MARKET SIZE IN NEW CONSTRUCTION, BY REGION, 2021–2026 (USD MILLION)

10 ENERGY-EFFICIENT WINDOWS MARKET, BY REGION

10.1 INTRODUCTION

FIGURE 38 CHINA TO BE FASTEST-GROWING ENERGY-EFFICIENT WINDOWS MARKET

FIGURE 39 NORTH AMERICA TO LEAD ENERGY-EFFICIENT WINDOWS MARKET

TABLE 51 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2017–2020 (USD MILLION)

TABLE 52 ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY REGION, 2021–2026 (USD MILLION)

10.2 NORTH AMERICA

FIGURE 40 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SNAPSHOT

TABLE 53 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 54 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY

GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 55 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 56 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)

TABLE 57 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 58 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

TABLE 59 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)

TABLE 60 NORTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)

10.2.1 US

TABLE 61 US: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 62 US: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 63 US: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 64 US: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.2.2 CANADA

TABLE 65 CANADA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 66 CANADA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 67 CANADA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 68 CANADA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.2.3 MEXICO

TABLE 69 MEXICO: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 70 MEXICO: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 71 MEXICO: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 72 MEXICO: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE

SECTOR, 2021–2026 (USD MILLION)

10.3 EUROPE

FIGURE 41 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SNAPSHOT

TABLE 73 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 74 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 75 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 76 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)

TABLE 77 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 78 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 79 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 80 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

TABLE 81 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)

TABLE 82 EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)

10.3.1 GERMANY

TABLE 83 GERMANY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 84 GERMANY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 85 GERMANY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 86 GERMANY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.3.2 UK

TABLE 87 UK: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 88 UK: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 89 UK: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 90 UK: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.3.3 FRANCE

TABLE 91 FRANCE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 92 FRANCE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 93 FRANCE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 94 FRANCE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.3.4 RUSSIA

TABLE 95 RUSSIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 96 RUSSIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 97 RUSSIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 98 RUSSIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.3.5 ITALY

TABLE 99 ITALY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 100 ITALY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 101 ITALY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 102 ITALY: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.3.6 REST OF EUROPE

TABLE 103 REST OF EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 104 REST OF EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 105 REST OF EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 106 REST OF EUROPE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.4 APAC

FIGURE 42 APAC: ENERGY-EFFICIENT WINDOWS MARKET SNAPSHOT**TABLE 107 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)****TABLE 108 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)****TABLE 109 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)****TABLE 110 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)****TABLE 111 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)****TABLE 112 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)****TABLE 113 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)****TABLE 114 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)****TABLE 115 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)****TABLE 116 APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)****10.4.1 CHINA****TABLE 117 CHINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)****TABLE 118 CHINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)****TABLE 119 CHINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)****TABLE 120 CHINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)****10.4.2 JAPAN****TABLE 121 JAPAN: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)****TABLE 122 JAPAN: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)****TABLE 123 JAPAN: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)****TABLE 124 JAPAN: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)**

10.4.3 INDIA

TABLE 125 INDIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 126 INDIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 127 INDIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 128 INDIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.4.4 SOUTH KOREA

TABLE 129 SOUTH KOREA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 130 SOUTH KOREA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 131 SOUTH KOREA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 132 SOUTH KOREA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.4.5 REST OF APAC

TABLE 133 REST OF APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 134 REST OF APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 135 REST OF APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 136 REST OF APAC: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.5 MIDDLE EAST & AFRICA (MEA)

TABLE 137 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 138 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 139 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 140 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)

TABLE 141 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 142 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY,

2021–2026 (USD MILLION)

TABLE 143 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 144 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

TABLE 145 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)

TABLE 146 MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)

10.5.1 SOUTH AFRICA

TABLE 147 SOUTH AFRICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 148 SOUTH AFRICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 149 SOUTH AFRICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 150 SOUTH AFRICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.5.2 SAUDI ARABIA

TABLE 151 SAUDI ARABIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 152 SAUDI ARABIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 153 SAUDI ARABIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 154 SAUDI ARABIA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.5.3 UAE

TABLE 155 UAE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 156 UAE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 157 UAE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 158 UAE: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.6 REST OF MEA

TABLE 159 REST OF MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 160 REST OF MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 161 REST OF MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 162 REST OF MEA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.7 SOUTH AMERICA

TABLE 163 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 164 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 165 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2017–2020 (USD MILLION)

TABLE 166 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY APPLICATION, 2021–2026 (USD MILLION)

TABLE 167 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2017–2020 (USD MILLION)

TABLE 168 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COUNTRY, 2021–2026 (USD MILLION)

TABLE 169 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 170 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

TABLE 171 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2017–2020 (USD MILLION)

TABLE 172 SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY COMPONENT, 2021–2026 (USD MILLION)

10.7.1 BRAZIL

TABLE 173 BRAZIL: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 174 BRAZIL: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 175 BRAZIL: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 176 BRAZIL: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.7.2 ARGENTINA

TABLE 177 ARGENTINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 178 ARGENTINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 179 ARGENTINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 180 ARGENTINA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

10.7.3 REST OF SOUTH AMERICA

TABLE 181 REST OF SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2017–2020 (USD MILLION)

TABLE 182 REST OF SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY GLAZING TYPE, 2021–2026 (USD MILLION)

TABLE 183 REST OF SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2017–2020 (USD MILLION)

TABLE 184 REST OF SOUTH AMERICA: ENERGY-EFFICIENT WINDOWS MARKET SIZE, BY END-USE SECTOR, 2021–2026 (USD MILLION)

11 COMPETITIVE LANDSCAPE

11.1 INTRODUCTION

11.2 MARKET SHARE ANALYSIS

FIGURE 43 SHARE OF TOP COMPANIES IN ENERGY-EFFICIENT WINDOWS MARKET

TABLE 185 DEGREE OF COMPETITION: ENERGY-EFFICIENT WINDOWS - GLASS MARKET

TABLE 186 DEGREE OF COMPETITION: ENERGY-EFFICIENT WINDOWS - WINDOW MARKET

11.3 MARKET RANKING

FIGURE 44 RANKING OF TOP THREE PLAYERS IN ENERGY-EFFICIENT WINDOWS MARKET

11.4 MARKET EVALUATION FRAMEWORK

TABLE 187 ENERGY-EFFICIENT WINDOWS MARKET: DEALS, 2016-2021

TABLE 188 ENERGY-EFFICIENT WINDOWS MARKET: OTHERS, 2016-2021

11.5 COMPANY EVALUATION MATRIX

TABLE 189 COMPANY PRODUCT FOOTPRINT

TABLE 190 COMPANY REGION FOOTPRINT

11.5.1 STAR

11.5.2 PERVASIVE

11.5.3 PARTICIPANT

11.5.4 EMERGING LEADER

FIGURE 45 ENERGY-EFFICIENT WINDOWS MARKET (GLOBAL): COMPETITIVE LEADERSHIP MAPPING, 2020

11.5.5 STRENGTH OF PRODUCT PORTFOLIO

FIGURE 46 PRODUCT PORTFOLIO ANALYSIS OF TOP PLAYERS IN ENERGY-EFFICIENT WINDOWS MARKET

11.5.6 BUSINESS STRATEGY EXCELLENCE

FIGURE 47 BUSINESS STRATEGY EXCELLENCE OF TOP PLAYERS IN ENERGY-EFFICIENT WINDOWS MARKET

11.6 SMALL AND MEDIUM-SIZED ENTERPRISES (SME) EVALUATION MATRIX

11.7 START-UP/ SMALL AND MEDIUM-SIZED ENTERPRISES (SME) EVALUATION MATRIX

11.7.1 PROGRESSIVE COMPANIES

11.7.2 RESPONSIVE COMPANIES

11.7.3 DYNAMIC COMPANIES

11.7.4 STARTING BLOCKS

FIGURE 48 ENERGY-EFFICIENT WINDOWS MARKET: SMALL AND MEDIUM-SIZED ENTERPRISES MAPPING, 2020

12 COMPANY PROFILES

12.1 KEY COMPANIES

(Business overview, Products offered, Recent Developments, MNM view)*

12.1.1 SAINT-GOBAIN S.A.

TABLE 191 SAINT-GOBAIN S.A.: BUSINESS OVERVIEW

FIGURE 49 SAINT-GOBAIN S.A.: COMPANY SNAPSHOT

12.1.2 ASAHI GLASS CO. LTD.

TABLE 192 ASAHI GLASS CO. LTD.: BUSINESS OVERVIEW

FIGURE 50 ASAHI GLASS CO. LTD.: COMPANY SNAPSHOT

12.1.3 YKK AP, INC.

TABLE 193 YKK AP, INC.: BUSINESS OVERVIEW

FIGURE 51 YKK AP, INC.: COMPANY SNAPSHOT

12.1.4 JELD-WEN HOLDINGS, INC.

TABLE 194 JELD-WEN HOLDINGS, INC.: BUSINESS OVERVIEW

FIGURE 52 JELD-WEN HOLDINGS, INC.: COMPANY SNAPSHOT

12.1.5 NIPPON SHEET GLASS CO. LTD.

TABLE 195 NIPPON SHEET GLASS CO. LTD.: BUSINESS OVERVIEW

FIGURE 53 NIPPON SHEET GLASS CO. LTD.: COMPANY SNAPSHOT

12.1.6 BUILDERS FIRSTSOURCE, INC.

TABLE 196 BUILDERS FIRSTSOURCE, INC.: BUSINESS OVERVIEW

FIGURE 54 BUILDERS FIRSTSOURCE, INC.: COMPANY SNAPSHOT**12.1.7 SCHOTT AG**

TABLE 197 SCHOTT AG: BUSINESS OVERVIEW

FIGURE 55 SCHOTT AG: COMPANY SNAPSHOT**12.1.8 PLY GEM HOLDINGS, INC.**

TABLE 198 PLY GEM HOLDINGS, INC.: BUSINESS OVERVIEW

12.1.9 CENTRAL GLASS CO., LTD.

TABLE 199 CENTRAL GLASS CO., LTD.: BUSINESS OVERVIEW

FIGURE 56 CENTRAL GLASS CO., LTD.: COMPANY SNAPSHOT**12.1.10 BMC STOCK HOLDINGS, INC.**

TABLE 200 BMC STOCK HOLDINGS, INC.: BUSINESS OVERVIEW

12.1.11 ASSOCIATED MATERIALS LLC

TABLE 201 ASSOCIATED MATERIALS LLC: BUSINESS OVERVIEW

12.1.12 APOGEE ENTERPRISES, INC.

TABLE 202 APOGEE ENTERPRISES, INC.: BUSINESS OVERVIEW

FIGURE 57 APOGEE ENTERPRISES, INC.: COMPANY SNAPSHOT**12.1.13 DECEUNINCK NV**

TABLE 203 DECEUNINCK NV.: BUSINESS OVERVIEW

FIGURE 58 DECEUNINCK NV: COMPANY SNAPSHOT**12.1.14 PGT, INC.**

TABLE 204 PGT, INC.: BUSINESS OVERVIEW

FIGURE 59 PGT, INC.: COMPANY SNAPSHOT**12.1.15 VITRO ARCHITECTURAL GLASS**

TABLE 205 VITRO ARCHITECTURAL GLASS: BUSINESS OVERVIEW

12.2 OTHER PLAYERS**12.2.1 TURKIYE SISE VE CAM FABRIKALARI A.S. (I?ECAM GROUP)****12.2.2 VKR HOLDINGS A/S****12.2.3 DREW INDUSTRIES INCORPORATED****12.2.4 INWIDO AB****12.2.5 CHINA GLASS HOLDINGS LIMITED****12.2.6 ANDERSON CORPORATION****12.2.7 ATRIUM CORPORATION****12.2.8 GUARDIAN INDUSTRIES CORP****12.2.9 KOLBE & KOLBE MILLWORK CO., INC.****12.2.10 MARVIN WINDOWS AND DOORS**

*Details on Business overview, Products offered, Recent Developments, MNM view might not be captured in case of unlisted companies.

13 APPENDIX

13.1 DISCUSSION GUIDE

13.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

13.3 AVAILABLE CUSTOMIZATIONS

13.4 RELATED REPORT

13.5 AUTHOR DETAILS

I would like to order

Product name: Energy-Efficient Window Market by Component (Glass, Frame, and Hardware), Application (New Construction and Renovation & Reconstruction), End-Use Sector (Residential and Non-Residential), Glazing Type, and Region - Global Forecast to 2026

Product link: <https://marketpublishers.com/r/E5401293D66EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E5401293D66EN.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