

## **Europe Flat Glass Market - Industry Trends and Forecast to 2030**

Market Report | 2023-01-01 | 296 pages | Data Bridge Market Research

### **AVAILABLE LICENSES:**

- Single User License \$3500.00
- Corporate Users License \$4200.00

### **Report description:**

Europe flat glass market is projected to register an 10.2% CAGR in the forecast period of 2023 to 2030. The new market report contains data for the historic years 2021, the base year of calculation is 2022, and the forecast period is 2023 to 2030

#### Market Segmentation:

Europe Flat Glass Market, By Type (Float Glass, Cast Flat Glass, Security Flat Glass, Architectural Flat Glass, Clear Flat Glass, Tinted Flat Glass, Wired Glass, Extra Clear Flat Glass, Patterned Flat Glass Or Textured Flat Glass, Blown Flat Glass, Special Flat Glass And Others), Product Type (Uncoated and Coated), Function (UV Filter Flat Glass, Heat Insulation Flat Glass, Safety Glazing, Soundproofed Glazing, Self-Cleaning Flat Glass, Ion Exchange Flat Glass, And Others), Thickness (4 MM, 5 MM, 6 MM, 2 MM, 3 MM, 8 MM, 10 MM, 12 MM and Others), Application (Building and Construction, Automotive, Aerospace, Solar Energy, Electronic Appliances, Furniture and Others) Geography (Germany, France, U.K., Italy, Spain, Russia, Turkey, Belgium, Switzerland, Netherlands, Hungary, Rest of Europe) Industry Trends and Forecast To 2030

Some of the major factors contributing to the growth of the Europe flat glass market:

- increasing investment in infrastructure and construction sector
- growing demand of flat glass in end - use industries

#### Market Players:

The key players operating in the Europe flat glass market are:

- Guardian Industries Holdings Site
- TAIWAN GLASS IND. CORP.
- Zibo Yuru Glass Company
- SCHOTT
- SAINT-GOBAIN
- AGC Inc.
- Central Glass Co., Ltd.
- Nippon Sheet Glass Co., Ltd
- Sisecam
- Vitro

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

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

www.scotts-international.com

- EUROGLAS among others

## **Table of Contents:**

### TABLE OF CONTENTS

1 INTRODUCTION	28
1.1 OBJECTIVES OF THE STUDY	28
1.2 MARKET DEFINITION	28
1.3 OVERVIEW OF EUROPE FLAT GLASS MARKET	28
1.4 LIMITATION	30
1.5 MARKETS COVERED	30
2 MARKET SEGMENTATION	41
2.1 MARKETS COVERED	41
2.2 GEOGRAPHICAL SCOPE	42
2.3 YEARS CONSIDERED FOR THE STUDY	42
2.4 CURRENCY AND PRICING	42
2.5 DBMR TRIPOD DATA VALIDATION MODEL	43
2.6 MATERIAL LIFE LINE CURVE	46
2.7 MULTIVARIATE MODELING	47
2.8 EUROPE FLAT GLASS MARKET PRODUCT LIFE LINE CURVE	48
2.9 PRIMARY INTERVIEWS WITH KEY OPINION LEADERS	49
2.10 DBMR MARKET POSITION GRID	51
2.11 MARKET APPLICATION COVERAGE GRID	52
2.12 DBMR MARKET CHALLENGE MATRIX	53
2.13 DBMR VENDOR SHARE ANALYSIS	54
2.14 SECONDARY SOURCES	55
2.15 ASSUMPTIONS	55
3 EXECUTIVE SUMMARY	56
4 PREMIUM INSIGHTS	58
4.1 PESTLE ANALYSIS	59
4.1.1 POLITICAL FACTORS	59
4.1.2 ECONOMIC FACTORS	59
4.1.3 SOCIAL FACTORS	60
4.1.4 TECHNOLOGICAL FACTORS	60
4.1.5 LEGAL FACTORS	60
4.1.6 ENVIRONMENTAL FACTORS	60
4.2 PORTER'S FIVE FORCES:	61
4.2.1 THE THREAT OF NEW ENTRANTS:	61
4.2.2 THE THREAT OF SUBSTITUTES:	62
4.2.3 CUSTOMER BARGAINING POWER:	62
4.2.4 SUPPLIER BARGAINING POWER:	62
4.2.5 INTERNAL COMPETITION (RIVALRY):	63
4.3 CLIMATE CHANGE SCENARIO	64
4.3.1 ENVIRONMENTAL CONCERNS	64
4.3.2 INDUSTRY RESPONSE	64

**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)

4.3.3 GOVERNMENT'S ROLE	64
4.3.4 ANALYST RECOMMENDATION	64
4.4 COST ANALYSIS	65
4.4.1 CAPEX ANALYSIS	65
4.4.2 OPEX ANALYSIS	66
4.4.3 PRODUCTION COST	66
4.5 GLASS RECYCLING RATE	67
4.6 IMPORT EXPORT SCENARIO	68
4.7 PRODUCTION CONSUMPTION ANALYSIS	69
4.8 RAW MATERIAL COVERAGE	70
4.9 SUPPLY CHAIN ANALYSIS	71
4.10 TECHNOLOGICAL ADVANCEMENT BY MANUFACTURERS	73
4.11 VENDOR SELECTION CRITERIA	74
5 REGULATION COVERAGE	75
6 MARKET OVERVIEW	76
6.1 DRIVERS	78
6.1.1 GROWING INVESTMENTS IN THE INFRASTRUCTURE AND CONSTRUCTION SECTOR	78
6.1.2 GROWING DEMAND FOR FLAT GLASS IN END-USE INDUSTRIES	78
6.2 RESTRAINTS	79
6.2.1 SECURITY AND OTHER ISSUES ASSOCIATED WITH USING FLAT GLASS IN BUILDINGS	79
6.2.2 A DECLINING TREND IN THE EUROPEAN AUTOMOTIVE SECTOR	80
6.3 OPPORTUNITIES	81
6.3.1 RISE IN DISPOSABLE INCOME AND GROWING PREFERENCE FOR LOOK AND APPEAL IN INTERIORS.	81
6.3.2 INCREASE IN DEMAND FOR SOLAR ENERGY INDUSTRIES	81
6.4 CHALLENGES	82
6.4.1 REGULATORY CONCERNS ASSOCIATED WITH THE STANDARDS OF FLAT GLASS	82
6.4.2 ENVIRONMENTAL CONCERNS RELATED TO FLAT GLASS	83
7 EUROPE FLAT GLASS MARKET, BY TYPE	84
7.1 OVERVIEW	85
7.2 FLOAT GLASS	87
7.3 CAST FLAT GLASS	87
7.4 SECURITY FLAT GLASS	87
7.4.1 BULLET PROOF FLAT GLASS	88
7.4.2 FIRE PROOF FLAT GLASS	88
7.4.3 BLAST PROOF	88
7.4.4 ATTACK PROOF	88
7.4.5 OTHERS	88
7.5 ARCHITECTURAL FLAT GLASS	88
7.6 CLEAR FLAT GLASS	89
7.7 TINTED FLAT GLASS	89
7.7.1 SILVER	90
7.7.2 ALUMINUM	90
7.7.3 TINTED SOLAR CONTROL FLAT GLASS	90
7.8 WIRED GLASS	90
7.9 EXTRA CLEAR FLAT GLASS	90
7.10 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS	90
7.11 BLOWN FLAT GLASS	91

**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)

7.12 SPECIAL FLAT GLASS	91
7.13 OTHERS	91
8 EUROPE FLAT GLASS MARKET, BY PRODUCT	92
8.1 OVERVIEW	93
8.2 COATED	94
8.2.1 COATED, BY COATING RESIN	94
8.2.1.1 POLYURETHANE	95
8.2.1.2 EPOXY	95
8.2.1.3 ACRYLIC	95
8.2.1.4 ALKYD RESIN	95
8.2.1.5 SILICONE RESIN	95
8.2.1.6 OTHERS	95
8.2.2 COATED, BY COATING TECHNOLOGY	95
8.2.2.1 SOLVENT-BASED	96
8.2.2.2 WATER-BASED	96
8.2.2.3 NANO COATINGS	96
8.2.3 COATED, BY COATING PROCESS	96
8.2.3.1 CHEMICAL VAPOR DEPOSITION (CVD) (PYROLYTIC)	96
8.2.3.1.1 PLASMA-ENHANCED (PECVD)	97
8.2.3.1.2 ATMOSPHERIC PRESSURE (APCVD)	97
8.2.3.1.3 LOW PRESSURE (LPCVD)	97
8.2.3.2 PHYSICAL VAPOR DEPOSITION (PVD) (MAGNETRON SPUTTERING)	97
8.2.3.3 SOL-GEL	97
8.3 UNCOATED	97
9 EUROPE FLAT GLASS MARKET, BY FUNCTION	98
9.1 OVERVIEW	99
9.2 UV FILTER FLAT GLASS	100
9.3 HEAT INSULATION FLAT GLASS	101
9.4 SAFETY GLAZING	101
9.5 SOUNDPROOFED GLAZING	101
9.6 SELF-CLEANING FLAT GLASS	102
9.7 ION EXCHANGE FLAT GLASS	102
9.8 OTHERS	102
10 EUROPE FLAT GLASS MARKET, BY THICKNESS	103
10.1 OVERVIEW	104
10.2 4 MM	105
10.3 5 MM	106
10.4 6 MM	106
10.5 2 MM	106
10.6 3 MM	106
10.7 8 MM	107
10.8 10 MM	107
10.9 12 MM	107
10.10 OTHERS	108
11 EUROPE FLAT GLASS MARKET, BY APPLICATION	109
11.1 OVERVIEW	110
11.2 BUILDING AND CONSTRUCTION	111

**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)

11.2.1 BUILDING AND CONSTRUCTION, BY APPLICATION	112
11.2.1.1 RESIDENTIAL	112
11.2.1.2 COMMERCIAL	112
11.2.1.3 INDUSTRIAL	112
11.2.1.4 INSTITUTIONAL	112
11.2.2 BUILDING AND CONSTRUCTION, BY TYPE	113
11.2.2.1 FLOAT GLASS	113
11.2.2.2 CAST FLAT GLASS	113
11.2.2.3 SECURITY FLAT GLASS	113
11.2.2.4 ARCHITECTURAL FLAT GLASS	113
11.2.2.5 CLEAR FLAT GLASS	114
11.2.2.6 TINTED FLAT GLASS	114
11.2.2.7 WIRED GLASS	114
11.2.2.8 EXTRA CLEAR FLAT GLASS	114
11.2.2.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS	114
11.2.2.10 BLOWN FLAT GLASS	114
11.2.2.11 SPECIAL FLAT GLASS	114
11.2.2.12 OTHERS	114
11.3 AUTOMOTIVE	114
11.3.1 AUTOMOTIVE, BY APPLICATION	115
11.3.1.1 OEM	115
11.3.1.2 AFTER MARKET	115
11.3.2 AUTOMOTIVE, BY TYPE	115
11.3.2.1 FLOAT GLASS	116
11.3.2.2 CAST FLAT GLASS	116
11.3.2.3 SECURITY FLAT GLASS	116
11.3.2.4 ARCHITECTURAL FLAT GLASS	116
11.3.2.5 CLEAR FLAT GLASS	116
11.3.2.6 TINTED FLAT GLASS	116
11.3.2.7 WIRED GLASS	116
11.3.2.8 EXTRA CLEAR FLAT GLASS	116
11.3.2.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS	116
11.3.2.10 BLOWN FLAT GLASS	116
11.3.2.11 SPECIAL FLAT GLASS	117
11.3.2.12 OTHERS	117
11.4 AEROSPACE	117
11.4.1 AEROSPACE, BY TYPE	117
11.4.1.1 FLOAT GLASS	118
11.4.1.2 CAST FLAT GLASS	118
11.4.1.3 SECURITY FLAT GLASS	118
11.4.1.4 ARCHITECTURAL FLAT GLASS	118
11.4.1.5 CLEAR FLAT GLASS	118
11.4.1.6 TINTED FLAT GLASS	118
11.4.1.7 WIRED GLASS	118
11.4.1.8 EXTRA CLEAR FLAT GLASS	118
11.4.1.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS	118
11.4.1.10 BLOWN FLAT GLASS	118

**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)

- 11.4.1.11 SPECIAL FLAT GLASS 118
- 11.4.1.12 OTHERS 119
- 11.5 SOLAR ENERGY 119
  - 11.5.1 SOLAR ENERGY, BY TYPE 119
    - 11.5.1.1 PHOTOVOLTAIC GLASS 119
    - 11.5.1.2 CONCENTRATED SOLAR POWER SYSTEM 119
  - 11.5.2 SOLAR ENERGY, BY TYPE 119
    - 11.5.2.1 FLOAT GLASS 120
    - 11.5.2.2 CAST FLAT GLASS 120
    - 11.5.2.3 SECURITY FLAT GLASS 120
    - 11.5.2.4 ARCHITECTURAL FLAT GLASS 120
    - 11.5.2.5 CLEAR FLAT GLASS 120
    - 11.5.2.6 TINTED FLAT GLASS 120
    - 11.5.2.7 WIRED GLASS 121
    - 11.5.2.8 EXTRA CLEAR FLAT GLASS 121
    - 11.5.2.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS 121
    - 11.5.2.10 BLOWN FLAT GLASS 121
    - 11.5.2.11 SPECIAL FLAT GLASS 121
    - 11.5.2.12 OTHERS 121
- 11.6 ELECTRONIC APPLIANCES 121
  - 11.6.1 ELECTRONIC APPLIANCES, BY TYPE 121
    - 11.6.1.1 FLOAT GLASS 122
    - 11.6.1.2 CAST FLAT GLASS 122
    - 11.6.1.3 SECURITY FLAT GLASS 122
    - 11.6.1.4 ARCHITECTURAL FLAT GLASS 122
    - 11.6.1.5 CLEAR FLAT GLASS 122
    - 11.6.1.6 TINTED FLAT GLASS 122
    - 11.6.1.7 WIRED GLASS 123
    - 11.6.1.8 EXTRA CLEAR FLAT GLASS 123
    - 11.6.1.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS 123
    - 11.6.1.10 BLOWN FLAT GLASS 123
    - 11.6.1.11 SPECIAL FLAT GLASS 123
    - 11.6.1.12 OTHERS 123
- 11.7 FURNITURE 123
  - 11.7.1 FURNITURE, BY TYPE 123
    - 11.7.1.1 FLOAT GLASS 124
    - 11.7.1.2 CAST FLAT GLASS 124
    - 11.7.1.3 SECURITY FLAT GLASS 124
    - 11.7.1.4 ARCHITECTURAL FLAT GLASS 124
    - 11.7.1.5 CLEAR FLAT GLASS 124
    - 11.7.1.6 TINTED FLAT GLASS 124
    - 11.7.1.7 WIRED GLASS 125
    - 11.7.1.8 EXTRA CLEAR FLAT GLASS 125
    - 11.7.1.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS 125
    - 11.7.1.10 BLOWN FLAT GLASS 125
    - 11.7.1.11 SPECIAL FLAT GLASS 125
    - 11.7.1.12 OTHERS 125

**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)

11.8 OTHERS	125
11.8.1 OTHERS, BY TYPE	126
11.8.1.1 FLOAT GLASS	126
11.8.1.2 CAST FLAT GLASS	126
11.8.1.3 SECURITY FLAT GLASS	126
11.8.1.4 ARCHITECTURAL FLAT GLASS	126
11.8.1.5 CLEAR FLAT GLASS	126
11.8.1.6 TINTED FLAT GLASS	127
11.8.1.7 WIRED GLASS	127
11.8.1.8 EXTRA CLEAR FLAT GLASS	127
11.8.1.9 PATTERNED FLAT GLASS OR TEXTURED FLAT GLASS	127
11.8.1.10 BLOWN FLAT GLASS	127
11.8.1.11 SPECIAL FLAT GLASS	127
11.8.1.12 OTHERS	127
12 EUROPE FLAT GLASS MARKET, BY COUNTRY	128
12.1 EUROPE	128
12.1.1 GERMANY	134
12.1.2 U.K.	145
12.1.3 FRANCE	156
12.1.4 ITALY	167
12.1.5 SPAIN	178
12.1.6 NETHERLANDS	189
12.1.7 BELGIUM	200
12.1.8 RUSSIA	211
12.1.9 TURKEY	222

## Europe Flat Glass Market - Industry Trends and Forecast to 2030

Market Report | 2023-01-01 | 296 pages | Data Bridge Market Research

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
	Single User License	\$3500.00
	Corporate Users License	\$4200.00
		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="2025-05-07"/>
		Signature	<input type="text"/>

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

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

www.scotts-international.com