

Electrochromic Glass Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/E47C4A7662DFEN.html>

Date: January 2023

Pages: 140

Price: US\$ 2,499.00 (Single User License)

ID: E47C4A7662DFEN

Abstracts

The global electrochromic glass market size reached US\$ 1.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.7 Billion by 2028, exhibiting a growth rate (CAGR) of 9.37% during 2023-2028.

Electrochromic glass, also referred to as smart glass or dynamic glass, is an electronically tinted glass variant primarily used for windows, curtain glass, skylights, facades, etc. It enables the occupant to monitor the amount of light and solar radiation that can enter a space through the glazing, thereby eliminating the need for separate shading systems. Electrochromic glass also offers numerous other benefits, including maximizing access to daylight and outdoor views, enhancing occupant comfort, lowering energy costs, providing a high aesthetic value, etc. As a result, it is widely utilized across diverse industries, such as construction, automotive, aerospace, marine, etc.

Electrochromic Glass Market Trends:

The continuous development of smart buildings coupled with the increasing demand for energy-efficient construction materials to reduce carbon emissions is primarily driving the global electrochromic glass market. Additionally, the growing consumer inclination towards high-quality interiors and aesthetically appealing designs is also catalyzing the product demand. Moreover, the government bodies across several countries are introducing favorable policies and lucrative incentives to promote green construction activities for maintaining the energy consumption. In line with this, the rising number of remodeling and refurbishment activities, which has led to the replacement of conventional glasses with electrochromic glass across retail facilities, office buildings, healthcare centers, etc., is further creating a positive outlook for the market.

Additionally, the escalating demand for glare-free glass components, such as rear- and side-view mirrors, windshields, etc., in automobiles is also propelling the global market. Electrochromic glass in vehicles helps in reducing extra glaze, maintaining interior temperature, and improving passenger comfort. In the coming years, the increasing R&D activities that aim at the usage of thermochromic and photochromic smart glasses in heating and cooling systems of solar power generation plants are expected to drive the global electrochromic glass market over the forecast period.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global electrochromic glass market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on application and end use industry.

Breakup by Application:

- Windows
- Mirror
- Display

Breakup by End Use Industry:

- Construction
- Automotive
- Aerospace
- Others

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific
 - China
 - Japan
 - India
 - South Korea
 - Australia

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

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AGC Inc., ChromoGenics AB, Compagnie de Saint-Gobain S.A., Gentex Corporation, Guardian Industries (Koch Industries Inc.), Nippon Sheet Glass Co. Ltd., Pleotint LLC, Polytronix Inc., PPG Industries Inc., Research Frontiers, Smartglass International and View Inc.

Key Questions Answered in This Report:

How has the global electrochromic glass market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global electrochromic glass market?

What are the key regional markets?

What is the breakup of the market based on the application?

What is the breakup of the market based on the end use industry?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global electrochromic glass market and who are the key players?

What is the degree of competition in the industry?

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
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL ELECTROCHROMIC GLASS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY APPLICATION

- 6.1 Windows
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Mirror
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Display

6.3.1 Market Trends

6.3.2 Market Forecast

7 MARKET BREAKUP BY END USE INDUSTRY

7.1 Construction

7.1.1 Market Trends

7.1.2 Market Forecast

7.2 Automotive

7.2.1 Market Trends

7.2.2 Market Forecast

7.3 Aerospace

7.3.1 Market Trends

7.3.2 Market Forecast

7.4 Others

7.4.1 Market Trends

7.4.2 Market Forecast

8 MARKET BREAKUP BY REGION

8.1 North America

8.1.1 United States

8.1.1.1 Market Trends

8.1.1.2 Market Forecast

8.1.2 Canada

8.1.2.1 Market Trends

8.1.2.2 Market Forecast

8.2 Asia-Pacific

8.2.1 China

8.2.1.1 Market Trends

8.2.1.2 Market Forecast

8.2.2 Japan

8.2.2.1 Market Trends

8.2.2.2 Market Forecast

8.2.3 India

8.2.3.1 Market Trends

8.2.3.2 Market Forecast

8.2.4 South Korea

8.2.4.1 Market Trends

- 8.2.4.2 Market Forecast
- 8.2.5 Australia
 - 8.2.5.1 Market Trends
 - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
 - 8.2.6.1 Market Trends
 - 8.2.6.2 Market Forecast
- 8.2.7 Others
 - 8.2.7.1 Market Trends
 - 8.2.7.2 Market Forecast
- 8.3 Europe
 - 8.3.1 Germany
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 France
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 United Kingdom
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 Italy
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Spain
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
 - 8.3.6 Russia
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
 - 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil
 - 8.4.1.1 Market Trends
 - 8.4.1.2 Market Forecast
 - 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast

8.4.3 Others

8.4.3.1 Market Trends

8.4.3.2 Market Forecast

8.5 Middle East and Africa

8.5.1 Market Trends

8.5.2 Market Breakup by Country

8.5.3 Market Forecast

9 SWOT ANALYSIS

9.1 Overview

9.2 Strengths

9.3 Weaknesses

9.4 Opportunities

9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTERS FIVE FORCES ANALYSIS

11.1 Overview

11.2 Bargaining Power of Buyers

11.3 Bargaining Power of Suppliers

11.4 Degree of Competition

11.5 Threat of New Entrants

11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

13.3.1 AGC Inc.

13.3.1.1 Company Overview

13.3.1.2 Product Portfolio

13.3.1.3 Financials

13.3.1.4 SWOT Analysis

- 13.3.2 ChromoGenics AB
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
- 13.3.3 Compagnie de Saint-Gobain S.A.
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
 - 13.3.3.4 SWOT Analysis
- 13.3.4 Gentex Corporation
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.4.3 Financials
- 13.3.5 Guardian Industries (Koch Industries Inc.)
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 SWOT Analysis
- 13.3.6 Nippon Sheet Glass Co. Ltd.
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio
 - 13.3.6.3 Financials
 - 13.3.6.4 SWOT Analysis
- 13.3.7 Pleotint LLC
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
- 13.3.8 Polytronix Inc.
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
- 13.3.9 PPG Industries Inc.
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
 - 13.3.9.3 Financials
 - 13.3.9.4 SWOT Analysis
- 13.3.10 Research Frontiers
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
 - 13.3.10.3 Financials
- 13.3.11 Smartglass International
 - 13.3.11.1 Company Overview

- 13.3.11.2 Product Portfolio
- 13.3.12 View Inc.
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: Electrochromic Glass Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Electrochromic Glass Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 3: Global: Electrochromic Glass Market Forecast: Breakup by End Use Industry (in Million US\$), 2023-2028

Table 4: Global: Electrochromic Glass Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 5: Global: Electrochromic Glass Market: Competitive Structure

Table 6: Global: Electrochromic Glass Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Electrochromic Glass Market: Major Drivers and Challenges

Figure 2: Global: Electrochromic Glass Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Electrochromic Glass Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Electrochromic Glass Market: Breakup by Application (in %), 2022

Figure 5: Global: Electrochromic Glass Market: Breakup by End Use Industry (in %), 2022

Figure 6: Global: Electrochromic Glass Market: Breakup by Region (in %), 2022

Figure 7: Global: Electrochromic Glass (Windows) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 8: Global: Electrochromic Glass (Windows) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 9: Global: Electrochromic Glass (Mirror) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: Electrochromic Glass (Mirror) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Electrochromic Glass (Display) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: Electrochromic Glass (Display) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: Electrochromic Glass (Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Electrochromic Glass (Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Electrochromic Glass (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Electrochromic Glass (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Electrochromic Glass (Aerospace) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Electrochromic Glass (Aerospace) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Electrochromic Glass (Other End Use Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Electrochromic Glass (Other End Use Industries) Market Forecast:

Sales Value (in Million US\$), 2023-2028

Figure 21: North America: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: North America: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: United States: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: United States: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Canada: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Canada: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Asia-Pacific: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Asia-Pacific: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: China: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: China: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Japan: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Japan: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: India: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: India: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: South Korea: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: South Korea: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Australia: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Australia: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Indonesia: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Indonesia: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Others: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Others: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Europe: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Europe: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Germany: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Germany: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: France: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: France: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: United Kingdom: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: United Kingdom: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Italy: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Italy: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Spain: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Spain: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Russia: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Russia: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Others: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Others: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Latin America: Electrochromic Glass Market: Sales Value (in Million US\$),

2017 & 2022

Figure 60: Latin America: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Brazil: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Brazil: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Mexico: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Mexico: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Others: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Others: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Middle East and Africa: Electrochromic Glass Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Middle East and Africa: Electrochromic Glass Market: Breakup by Country (in %), 2022

Figure 69: Middle East and Africa: Electrochromic Glass Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 70: Global: Electrochromic Glass Industry: SWOT Analysis

Figure 71: Global: Electrochromic Glass Industry: Value Chain Analysis

Figure 72: Global: Electrochromic Glass Industry: Porter's Five Forces Analysis

I would like to order

Product name: Electrochromic Glass Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/E47C4A7662DFEN.html>

Price: US\$ 2,499.00 (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/E47C4A7662DFEN.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

