

# Electrochemical Glass Market to Exceed USD 6.58 Billion by 2030 at 12.3% CAGR Growth | Emergen Research

*Electrochemical Glass Market Trends – Rising demand for more sustainable products*

VANCOUVER, BRITISH COLUMBIA, CANADA, June 29, 2023

/EINPresswire.com/ -- The global [electrochemical glass market](#) size is expected to reach USD 6.58 Billion at a steady revenue CAGR of 12.3% in 2028, according to latest analysis by Emergen Research. Growth of the global electrochemical glass market is driven by rising demand for tinted doors, windows, and mirrors, increasing demand from various end-use industries such as automotive, construction, marine, and aerospace, and rapid urbanization and infrastructure development in various developing countries across the globe.



Emergen Research Logo

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Electrochemical Glass Market Size – USD 2.58 Billion in 2020, Market Growth – at a CAGR of 12.3%”

*Emergen Research*

Electrochemical glasses limit the need to use additional equipment or appliances to heat or cool a room based on ambient temperature, and this helps in energy saving. The glasses help to reduce overheating in glazed spaces by lowering light transition and G factor of glass, thus, keeping interiors cool and saving on air-conditioning costs. Electrochemical glass limits the number of elements present on the facade and it allows occupants of a building to enjoy natural light without being exposed to heat or

glare. Windows can adapt automatically and optimize for comfort of residents or occupants.

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Rising environmental concerns regarding high carbon emissions has led builders to use more

sustainable products and solutions to reduce their carbon footprint. Rising usage of sustainable electrochemical glasses in residential and commercial buildings is driving market revenue growth currently, and the trend is expected to continue over the forecast period. Electrochemical glass is a smart solution for buildings in which use of solar energy is a major challenge. This includes settings such as healthcare facilities, classrooms, retail offices and outlets, commercial spaces, cultural centers, and museums among other institutions.

Mobile phone manufacturers are developing smartphone displays with electrochemical glass to offer more innovative and advanced features in devices they offer in order to stay ahead in a highly competitive market. Vivo, in September 2020, developed a phone that has color-changing rear glass and OnePlus employed the same concept in its smartphone to obscure its rear camera from view when not in use. Such innovations are expected to result in an increasing number of tech-savvy consumers opting for such devices in the market owing to rising disposable income and need to stay ahead of peers in terms of owning more advanced devices and technologies.

Report Scope:

Forecast Period: 2021-2028

CAGR: 12.3%

Base Year: 2020

Number of Pages: 250

The research report offers in-depth insights into company profiles along with their production values, production capacity, product portfolio, strategic plans such as mergers and acquisitions, joint ventures, collaborations, product launches and brand promotions, government and corporate deals, among others. The report, additionally, offers a comprehensive SWOT analysis and Porter's Five Forces analysis to offer a better understanding of the competitive landscape of the industry.

Leading Players Profiled in the Report:

Dupont De Nemours Inc., AGC Inc., Gentex Corporation, SAGE Electrochromics, Guardian Industries, ChromoGenics AB, PPG Industries, Ravenbrick LLC, View Inc., and Asahi Glass Co. Ltd

To know more about the report, visit @ <https://www.emergenresearch.com/industry-report/electrochemical-glass-market>

Reasons to Buy This Report:

The research provides a complete evaluation of the Electrochemical Glass market, focusing on its

key segments. The research conducts historical and prospective evaluations of market dynamics and provides exact data in a well-organized format.

The research assesses the most notable market growth opportunities, dynamic market trends, driving drivers, restraints, investment possibilities, and threats.

The report includes an in-depth examination of industry variables, manufacturers' value chains, sales volume, market share, competitive landscape, and effective business approaches.

The research also covers the major geographies and market categories. These regions are expected to grow rapidly over the projected period.

### Key Highlights from the Report

In May 2021, Halio, Inc. selected Clark Pacific as its California-preferred prefabrication provider. Clark is a provider of prefabricated systems which are transforming construction and building design and offers fully integrated prefabricated building envelope system with benefits of energy savings and design flexibility of electrochemical glass.

Electrochemical glasses are being used in goggles and sunglasses to switch to different shades of darkness and respond to ambient light in a few seconds. The color of these shades vary and are designed to have high customer appeal. The sunglasses function indoors as well, are lightweight, are ideal for hikes in the woods during a sunny day and for construction workers working against a skyline of high-glare building facades.

Transportation segment accounted for a significantly large revenue share in 2020 as a number of automotive manufacturers are incorporating electrochemical glass in windows for antiglare property and dynamic light adjustment. The glass also reduces heat generation and provides privacy vehicle occupants. Electrochemical glasses can be used in sunroofs, windows, skylights, rearview mirrors, doors, and windshields, among others.

Electrochemical glass market in Europe accounted for a significantly large revenue share in 2020 due to high adoption of advanced technological products in countries in the region. Moreover, new construction projects and renovation activities on existing and older infrastructure in countries in the region is supporting market growth. Construction activities in Europe generated USD 19 Billion in 2018. Surge in trend of smart homes and smart offices is also contributing to growth of the market. Smart home industry in the region witnessed a growth of 20.4% in last quarter of 2019 as compared to 2018.

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## Segments Covered in Report

Material Outlook (Revenue, USD Billion; 2018–2028)

Transition Metal Oxide (TMO)

Nanocrystal

Polymer

Viologen

Reflective Hydride

Technology Outlook (Revenue, USD Billion; 2018–2028)

Passive Glasses

Low E-Glasses

Active Glasses

Product Outlook (Revenue, USD Billion; 2018–2028)

Mirrors

Windows

Displays

Doors

Sunglasses

Others

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