

Global Flat Glass Coatings Market Size study, by Resin (PU, Acrylic, Epoxy and Others), by Technology (Water-based, Solvent-based and Nano Coatings), by Application (Solar Power, Automotive & Transportation, Mirror, Architectural and Others), and Regional Forecasts 2021-2027

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Abstracts

Global Flat Glass Coatings Market is valued approximately USD 1.64 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 19.60% over the forecast period 2021-2027.

Flat glass refers to all types of glass manufactured in sheets, which generally includes float glass, cast glass, and blown flat glass. It is made by melting sand and other materials into a liquid, spreading the liquid to a glass of desired thickness, and cooling into the last product. Different coating materials are deposited onto glass to produce functional coatings. These coatings provide adhesion, thermal functions, cover and protection, forming a complex system. Coated flat glasses are widely used in construction of modern buildings, architecture, automotive, architectural and solar panel and furniture making applications. Above mentioned advantages including thermal protection and adhesion, coupled with the growth of end use industries, are driving the flat glass coatings market. World Green Building Trends 2018 reports that the percentage of people doing their projects in 'Green buildings' in India are expected to be 55% in 2021 from 28% in 2018. Environmental and Urban Housing Ministries are also incentivizing construction of green buildings by fast tracking clearances and providing reimbursements up to 50% on various fees. Also, according to Solar Energy Industries Association, U.S. installed 19.2 gigawatts (GWdc) of solar PV capacity in 2020 to reach 97.7 GWdc of total installed capacity. US solar industry will install more

than 324 GW of capacity over the next decade 2021-30. The demand for green buildings construction as well as that of solar panels will propel the demand for flat glass coatings.

The price of raw materials, used to manufacture flat glass coatings, are not steady. This may act as a restraint for its growth. However new innovations which include multifunctional glazing coating and electrochromic glazing and rising demand for 'green buildings' acts as an opportunity for Flat Glass Coatings Market in subsequent decade.

Key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World are analysed to provide a holistic picture of Flat Glass Coatings Market. Due to awareness for eco-friendly energy usage through solar panels as well as higher per capita income, North America has emerged as a significant region across the world in terms of market share. Whereas, Asia-Pacific is expected to exhibit the highest growth rate for the forecast period 2021-2027 owing to the growth in demand from end-user industries such as construction and renewable energy. Rising disposable income and growing awareness for environment friendly building construction will also boost growth in this region.

Major market player included in this report are:

Arkema Inc.
Fenzi Spa
Ferro Corporation
Hesse GmbH & Co. KG
The Sherwin-Williams Company
Vitro S.A.B. de C.V
Nippon Paint Holdings Co., Ltd
Bee Cool Glass Coatings
Yantai Jialong Nano Industry Co., Ltd
NanoTech Coatings

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

players. The detailed segments and sub-segment of the market are explained below:

By Resin:

Polyurethane (PU)

Acrylic

Epoxy

Others

By Technology:

Solvent-based

Water-based

Nano-based

By Application:

Solar Power

Mirror

Architectural

Automotive & Transportation

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Flat Glass Coatings Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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