Global Glass Coating Market Information- by Type (Pyrolytic Coating, Magnetron Sputtering Coating, and Sol-Gel Coatings), by Technology (Nano Glass Coating and Liquid Glass Coating), and by the Application (Construction, Paints & Coatings, Automotive and Transport, Marine, Aviation, Aerospace, and Others)-Forecast till 2023

Synopsis of Glass Coating Market:

Glass Coatings are used to preserve the beauty and appearance of glass. They are applied to save energy and reduce the emission of pollutants. Glass Coatings offer durable protection, repellence from water, dirt, and snow. Additionally, they provide corrosion resistance and cleansing properties. Due to these physical features, they are used in various applications such as building and construction, automotive, marine, aviation, and others.

As per our market analysis, the Global Glass Coatings Market is divided into the pyrolytic coating, magnetron sputtering coating, and sol-gel coatings. Among these, pyrolytic coating holds the major share of the Global Glass Coatings Market. It is known as hard coatings due to deposition of ions on the glass. Pyrolytic coatings are applied by chemical vapor deposition method, which offers excellent optical activity performance. Whereas, the physical vapor deposition method is implemented to make magnetron sputtering coatings. The magnetron sputtering coatings are soft, which are applied by condensation of ions on the glass surface. On the other hand, the pyrolytic coating is formed by an on-line process dependent on the glass surface. The sol-gel coatings are prepared by wet-chemical technique to protect the glass from abrasion, corrosion resistance and to provide long lasting duration. It is predicted that the sol-gel coating segment in the Global Glass Market is set to expand at a higher CAGR during the forecast period 2017-2023.

The Global Glass Coating Market Share, by Application:
Regional Analysis:

The Global Glass Coatings Market is segmented into five key regions in the world namely Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. Among these, Asia Pacific is holding the major of the global glass coating market in the world. Japan has emerged as the leading player in this region followed by China, South Korea, and India due to growing demand from end-use industries such as construction, paints & coatings, automotive and transport, among others. The innovation in technology and success achieved in the production of smartphones, tablets, computers, and others has propelled the Global Glass Coatings Market to continue its dominance in the Asia Pacific region during the forecast period 2017-2023.

It is projected that European market is set to grow at a higher CAGR owing to rapid urbanization and developed end-use industries. Germany is projected to be the leading player in the global glass coating market followed by France, the U.K., and Italy due to remarkable growth observed in the various industries such as automobile and transport, marine, construction, and buildings, among others.

The Global Glass Coatings Market has witnessed an enormous growth in the North American region due to increasing demand from major industries such as steel, petrochemicals, aerospace, marine, and others. Reducing carbon emission, improving energy storage, and optical effect are the significant trends and factor affecting the market growth positively. Owing to these factors, the U.S. is predicted to be the primary contributor to the Global Glass Coating Market during the forecast period. The Middle East & Africa is estimated to witness a significant growth in the market owing to growing usage of glass coatings in the paint & coating industries. Moreover, rapid growth is predicted in the Latin American region due to the increasing demand from end-use sectors.

Segmentation:

The Global Glass Coatings Market is segregated into type, technology, and application. Market by type is divided into the pyrolytic coating, magnetron sputtering coating, and sol-gel coating. The pyrolytic coating is set to dominate the market followed by magnetron sputtering coating on account of growing demand from the automotive industry, during the forecast period, 2017-2023. It is projected that the sol-gel coating market is set to expand at a higher CAGR during the forecast period due to advancing nanotechnology. Technology classifies nano Glass Coating and liquid glass coating. Nano Glass Coating is expected to dominate the global market due to its long-lasting duration and excellent UV resistance. Application segments further segmented into construction, paints & coatings, automotive and transport, marine, aviation, aerospace, and others. Among these, the construction industry is expected to grow at a higher CAGR during the forecast period 2017-2023.

Key Players:

Some of the key players in the Global Glass Coating Market: PPG industries (U.S.A.),
Morgan Advanced Materials (U.K.), SCHOTT AG (Germany), Kyocera Corp (Japan), The NSG Group (Japan), Murata Manufacturing Co.,Ltd (Japan), Saint-Gobain (France), Corning Inc. (U.S.A.), and Emirates Float Glass (U.A.E), among others.

**Geographical Analysis:**
The report covers brief analysis of geographic regions such as Asia Pacific, Europe, North America, Latin America, and the Middle East & Africa.

**Intended Audience**
- Glass Coating Manufacturers
- Traders and Distributors of Glass Coating
- Production Process Industries
- Potential Investors
- Raw Material Suppliers
- Nationalized Laboratory

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