

Global Thermal Barrier Coatings Market Size study, by Product Type (Metal, Ceramic, Intermetallic and Others), by Technology (Electron-beam Physical Vapor Deposition, High-Velocity Oxygen Fuel (HVOF), Chemical Vapor Deposition, Air Plasma and Others), by Combination (Ceramic Yttria-Stabilized Zirconia (YSZ), Aluminum Oxide (Al2O3), MCrAiY, Mullitebased and Others) by Application (Stationary Power Plants, Aerospace, Automotive and Others), and Regional Forecasts 2021-2027

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Abstracts

Global Thermal Barrier Coatings Market is valued approximately at USD 17.14 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 6.7% over the forecast period 2021-2027. Thermal Barrier Coatings are extensively used in various end uses such as electronics, aerospace and others for protecting metallic components. The global Thermal Barrier Coatings market is being driven by the expanding automobile industry around the world. The major driving factor for the market growth is the increase in semiconductor sales due to its favourable properties. For instance: according to the Statista, the global sales of semiconductors have increased rapidly from USD 35.34 Billion in January 2020 to USD 40.01 Billion in January 2021. Furthermore, the growing technological advancements, increasing end-use industries, will provide new opportunities for the global Thermal Barrier Coatings industry. However, unstable raw material prices may impede market growth over the forecast period of 2021-2027.

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The regional analysis of the global Thermal Barrier Coatings Market is analyzed on the basis of major regions such as Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia Pacific is the leading region across the world in terms of market share and is anticipated to exhibit the highest CAGR over the forecast period 2021-2027 due to increasing demand for epoxy resin in the paints & coatings industry, increasing automobile vehicles growth and industrial and economic growth have stimulated product demand in the region.

Major market player included in this report are: Air Products & Chemicals, Inc. The Welding Institute (TWI) Ltd. H.C. Starck, Inc ASB Industries Inc A&A Thermal Spray Coatings Flame Spray Coating Co. Metallizing Equipment Co. Pvt. Ltd. Praxair Technology, Inc. Metallizing Equipment Co. Pvt. Ltd. Integrated Global Services

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 Product Type: Metal Ceramic Intermetallic Others By Technology: Electron-beam Physical Vapor Deposition High-Velocity Oxygen Fuel (HVOF) Chemical Vapor Deposition



Air Plasma Others By Combination: Ceramic Yttria-Stabilized Zirconia (YSZ) Aluminum Oxide (Al2O3) **MCrAiY** Mullite-based Others By Application: **Stationary Power Plants** Aerospace Automotive 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 Thermal Barrier 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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