

Thermal Spray Coating Market - Forecasts from 2017 to 2022

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Abstracts

Thermal spray coating market is estimated to grow from US\$8.125 billion in 2017 to US\$11.360 billion in 2022, growing at a CAGR of 6.93% over the forecast period. Thermal spray coating involves a process in which a molten metal is sprayed onto a surface. It is a cost-efficient way to increase the durability and sustainability of a product. Thermal spray can be used in almost all the metal, ceramic and plastic applications. Growth in the demand for biomedical and medical instruments due to the aging population, increasing number of road accidents, and investment in gas transmission has led to a surge in demand for corrosion free products and thereby propelling the thermal spray coatings market growth. Booming automotive industry is further boosting the demand for thermal spray coatings across the globe. However, line-of-sight coatings process in thermal spray coatings is expected to hamper the growth of the thermal spray coatings market to a certain extent, as this process does not cover small and deep cavities that result in an increase in porosity. Rapid industrialization in Asia Pacific region is leading to the emergence of numerous automotive manufacturing units particularly in India and China and is expected to have a positive impact on the thermal spray coating market over the next six years.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

Market Dynamics

The next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges and opportunities which exist in the current market. This section of the report also provides global and regional regulations which are determining the market growth and industry value chain analysis of wind automation market. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

Competitive Insight

The major players discussed in this report are ASB Industries, Thermal Spray Technologies, Metallisation, Curtis-Wright Corporation, Bodycote, Oerlikon Group, Praxair, and Sulzer among others.

Segmentation

Thermal spray coating market has been segmented by material, process, industry vertical, and geography:

By Material

Ceramic

Metal

Alloy

Carbide

Others

By Process

Cold Spray

Plasma Spray

Conventional Flame Spray

HVOF

By Industry Vertical

Aerospace

Energy and Power

Automotive

Healthcare

Others

By Geography

North America

South America

Europe

Middle East and Africa
Asia Pacific

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