

Handbook of thermal spray technology

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Abstrak

Thermal spray is a coating process that provides functional surface to protect or improve the performance of a substrate or component. Almost any kind and form of material can be thermally sprayed which is why thermal spray is used worldwide to provide protection from corrosion, wear, and heat, to restore and repair components, and for a variety of other applications. This reference handbook is the complete guide to thermal spray technology. It covers principles, processes, types of coatings, applications, performance, and testing/analysis. Developed under the guidance of the Thermal Spray Society Training Committee, the handbook provides an excellent introduction and guidebook for those who are new to thermal spray. It also provides enough in-depth coverage and data that it should be of great value to specifiers and users of thermal spray coatings and to thermal spray experts who need additional background in certain areas.