

Wear-resistant and corrosion-resistant hardfacing

Possibilities

Inconel 625

Stellite 6

Wolframcarbide

Abration resistant Chromoxide (Cr_2O_3)

Abration resistant Aluminiumoxide (Al_2O_3)

Flame Spray Materials With the ability of flame spray to process wire, rod, or powders, a wide variety of materials can be made into coatings using the technologies of flame spray. Even high melting point oxide ceramics can be flame sprayed.

Lower melting point materials are also flame sprayed. Some flame spray devices are designed to mainly deposit polymers such as nylons and polyesters to create very low porosity plastic coatings.



Electric arc spraying - ARC

Typical coatings: Various stainless steel alloys
Inconel alloys
Wolfram carbide alloys
Nickel-based alloys
Copper and copper alloys
Aluminium
Zinc