

Thermal Spray Aluminium (TSA) coatings

Thermal Spray Aluminium (TSA) is the application of Aluminium utilising the Wire-arc or Plasma thermal spray process. Thermally sprayed Aluminium is used across a wide variety of industries and provides excellent corrosion resistance properties.

TSA is typically utilised in subsea, marine, atmospheric and high temperature applications (up to 500°C).

BENEFITS

- Reduced Cost
- Low Heat Input
- Versatility
- Thickness Range
- Processing Speed

TYPICAL APPLICATIONS

- Turbine castings
- Bearing Housings
- Turbine Blades
- Valve Bodies
- Casings
- Piping