



TSA: THERMAL SPRAY ALUMINUM

Industrial Material Corp. (IMC) has provided industry abrasive blasting and coating since 1999.

One of the products offered by the IMC coating division is TSA. While technically "TSA" is an abbreviation for "Thermal Sprayed Aluminum", it has become a common acronym in today's industry to describe the thermal spray application of a variety of sacrificial coatings for corrosion resistance, namely aluminum, zinc, and a combination of the two. Thermal Spray (also called Metalizing) is a process whereby a wire of metal is melted by a power source and sprayed onto the surface of another metal or structure for the purpose of corrosion control. Industrial Material utilizes the most common and efficient method of applying TSA, the Twin Wire Arc system. Contact an IMC Representative today to learn more.

Details and Benefits

- Aluminum, Zinc, and 85/15 Zinc/Aluminum
- Proven effective for over 40 years
- Coating of choice for Corrosion Under Insulation (CUI) at large petrochemical facilities
- Protects damaged areas cathodically
- Provides abrasion resistance
- Does not require dry time
- Aluminum effective to nearly 1000°F (538°C)
- Alternative to Hot Dip Galvanizing (HDG)
- No VOC
- Can be top-coated



IMC has no minimum order; provides 24-hour, 7-day service. Our blast and coat facilities improve control and reliability in the procurement of painted and/or coated material or fabrication.