

CEWELD SP Al 99,0

TYPE 99% pure grade aluminium wire for thermal spray applications.

APPLICATIONS Aluminum wire coatings are recommended for cathodic corrosion protection in atmospheric and salt / fresh water immersion, with application areas such as oil refining equipment, chemical processing equipment, boat bottom interiors exposed to bilge water and other similar types of exposure.

PROPERTIES As aluminum is anodic to steel, coatings of aluminum act as excellent sacrificial coatings on steel substrates. Furthermore, the aluminum coating tends to form an oxide film that protects it from further attack.

CLASSIFICATION EN ISO 14919: 3.2

SUITABLE FOR Electrical conductance on components such as conductive areas on insulators, capacitor end caps and varistors. Cathodic corrosion protection on steel, structures such as bridges and water towers, for which the coating can be used alone or as a very good bond and protective undercoat for organic materials. Coatings on fiberglass panels for static dispersion and corrosion protection of outer casings, high temperature corrosion protection on exhaust valves.

APPROVALS

WELDING POSITIONS



TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

Si	Al
0.1	99.7

MECHANICAL PROPERTIES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A5 (%)	Hardness
As Welded				65 HB

REDRYING Not required

GAS ACC. EN ISO 14175

CEWELD SP AL 99,0

SP AL 99,0 1,6MM

Packaging	KG/unit	EanCode
BS-300	7	8720663400062