

## ZINACOR® 851

### UTILIZATION

**ZINACOR® 851** is a zinc alloy wire made out of 85 percent of high purity zinc and 15 percent of aluminium. This wire is used in case of electric arc gun spraying.

### CHARACTERISTICS

	Guaranteed purity	Standard specification	Maximum contents of impurities (%)						
			Si	Pb	Fe	Cd	Sn	Cu	Zn
<b>Z 100</b>	99,99%	NF EN 1179	-	0,0050	0,003	0,0050	0,001	0,002	-
<b>Aluminium</b>	99,70 %	ISO 209-1	0,1	-	0,20	-	-	0,01	0,07

**ZINACOR® 851** results from two closely linked phases which combine the best properties of zinc and aluminium:

- the zinc-rich phase retains all the intrinsic characteristics of this metal and guarantees the essential cathodic protection of steel;
- the aluminium-rich phase provides the coating with a greater chemical and mechanical stability as well as a higher resistance to thermal shocks.

#### Physical characteristics

Density 5,73 g/cm<sup>3</sup>  
 Melting point 440°C (824°F)  
 Electrical resistivity at 20°C 5,13 X 10<sup>-8</sup> Ohm.m.

### PACKAGING

The wires are available in diameters expressed in metric or English measures of 1,6 mm (.063") to 5 mm (.197"). Depending on the diameters, they are packed in coils or reels wrapped into a plastic film, in metal or fibre drums.

### STORAGE

It is highly recommended to store in dry and well-ventilated rooms in order to avoid any damage caused by damp or dust.