



# TECNOSEAL

## INTERNATIONAL s.r.l.

PROTEZIONE CATODICA: NAVALE, TANKS E OFFSHORE – SEALINES, INDUSTRIALE

CATHODIC PROTECTION: NAVAL AND INDUSTRIAL CATHODIC PROTECTION

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## ALLOY SPECIFICATION OF STANDARD SACRIFICIAL ANODES

Tecnoseal is casting the standard anodes using the following reference specification. Please remarks that Copper, Iron and Lead of our normal production alloy are usually less than 0.003% each.

**ZINC ALLOY** according US MIL Spec. A-18001K

<b>Element</b>	<b>Range(%)</b>
Alluminium (Al)	0.10-0.5
Cadmium (Cd)	0.025-0.07
Copper (Cu)	0.005 max
Iron(Fe)	0.005 max
Others Total	0.10 max
Zinc (Zn)	Remainder

Nominal electrical capacity: 780 AmpHr/Kg

Nominal open circuit potential: -1050mV (Ag/AgCl reference cell)

**ALLUMINIUM ALLOY** according US MIL Spec.A24779 SH

<b>Element</b>	<b>Range(%)</b>
Zinc (Zn)	4.0-6.50
Silicon (Si)	0.08-0.20
Indium (In)	0.014-0.02
Copper (Cu)	0.04 max
Iron(Fe)	0.09 max
Others Total	0.10 max
Alluminium (Al)	Remainder

Nominal electrical capacity: 2700 AmpHr/Kg

Nominal open circuit potential: -1100mV (Ag/AgCl reference cell)

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