

## SACRIFICIAL ANODES

### Ribbon anodes



Document No.: 05-400-R1

Sheet: 1 of 1

German Cathodic Protection



### Magnesium Ribbon Anodes

MAGNESIUM		
Code	3.4 MR	2.8 MR
Section	9.5 x 19 mm	9.5 x 19 mm
Core diameter	3 mm	3 mm
Weight	0.34 kg/m	0.28 kg/m
Coil length	304 m	304 m
Packing	Steel-banded random wound open coils	Steel-banded random wound open coils

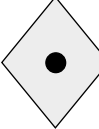
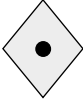




MAGNESIUM	
Composition	%
Al	0.01 max.
Mn	0.5 - 1.30 max.
Fe	0.03 max.
Cu	0.02 max.
Ni	0.001 max.
Other (each)	0.05 max.
Total of all others	0.30 max.
Mg	remainder
Potential Cu/CuSO <sub>4</sub>	-1.75 V
Max. capacity	1290 Ah / kg

### Zinc Ribbon Anodes

Plattline I is an alloyed zinc product generally used in seawater or brackish water environments.

Plattline II is a high purity product generally used in freshwater environments.

ZINC				
Code	Super	Plus	Standard	Small
Section	1" x 1-1/4"	5/8" x 7/8"	1/2" x 9/16"	11/32" x 15/32"
Core diameter	0.185"	0.135"	0.130"	0.115"
Weight	3.57 kg/m	1.79 kg/m	0.89 kg/m	0.37 kg/m
Coil length	approx. 30 m	approx. 60 m	approx. 150 m	approx. 300 m
Packing	Steel-banded random wound open coils	Steel-banded random wound open coils	Wood reels	Wood reels

ZINC	
Alloys :	
Plattline™ I meets the chemical requirements of MIL-A-18001K and ASTM B418-95a Type I	
Plattline™ II meets the chemical requirements of ASTM B418-95a Type II	
Potential Cu/CuSO <sub>4</sub>	-1.10 V
Max. capacity	780 Ah / kg



Extruded flexible ribbon anodes with continuous steel core.

All dimensions and weights are nominal.

Longer coil lengths are available on request.