

ELGARD® Grid Concrete Mesh Ribbon Anodes

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Corcovado - Jesus Christ the Redeemer statue



ELGARD®



Mesh ribbon with clips



Label system



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ELGARD® GRID Anode - is the leader in mixed metal oxide anode technology. Its reliability is proven by hundreds of kilometers installed in more than 30 countries.

ADVANTAGES:

- Manufactured with a new proprietary process that grants enhanced mechanical properties
- Expected design life: more than 100 years at full rated current output
- Tracking: All the rolls are coded for quality check reference
- Job number can be checked by customers on demand (Label system Picture)

TYPICAL INSTALLATIONS

Material Specifications

MESH RIBBON	Unit	85 RM	100 RM	150 RM	200 RM
Current Rating at 110 mA/m ²	mA/m ²	2.8	3.5	5.28	7.0
Dimensions	Width	10	12.7	19.05	25.4
	Thickness	0.9	0.9	0.9	0.9
	Coil Length	76	76	76	76
Shipping weight per coil	Kg	1.25	1.73	2.64	3.52
Electrical resistance	Ohm/m	0.62	0.44	0.28	0.21
Expected design life	Years	100	100	100	100

Anode Concrete Interface Maximum Current Density

FHWA limit	mA/m ²	110	110
Short-term limit	mA/m ²	220	220
Substrate Composition	ASTM B 265 Titanium Grade 1		
CATALYST	Mixed Metal Oxide for Oxygen Evolution		

Current Distributor

Width	mm	12.7
Thickness	mm	0.9
Coil length	m	76
Shipping weight per coil	Kg	4.55

Note: the values of material specifications are nominal.



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