

ELGARD® Grid Concrete Mesh Ribbon Anodes

Cathodic Protection

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 A/m ²	mA/m ²	2.8	3.5	5.28	7.0
Dimensions Width	mm	10	12.7	19.05	25.4
Thickness	mm	0.9	0.9	0.9	0.9
Unit Length	m	76	76	76	76
Weight (approx) per roll 26 m	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 Macimum 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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