

Titanium-MMO Net Anodes

Titanium expanded net MMO activated, used as insoluble anode in Impressed Current Cathodic Protection of large concrete surfaces.



Net Anode CNT35

Specifications

FORMAT: NET	Material	TITANIUM ASTM B 265 grade 1		
		CNT15	CNT25	CNT35
PRE-COATING TREATMENT		Degreasing		
		Etching		
		Protective underlayer formation		
COATING	MMO (thermally formed)	Multilayer Tantalum/Iridium mixed oxides		
COATING QUALITY TESTS	Iridium load measurement	Instrument: X Ray Analyser NITON XL2 800		
	Adhesion test	Adhesion test ASTM D 3359 - 09 e2		
	Electrochemical tests	NACE TM 0294 - 2016 Part A external NACE TM 0294 - 2016 Part B accelerated		
DIMENSIONS	Thickness	0,9 mm	0,6 mm	0,6 mm
	Expanded Mesh Diamond	85 x 38 x 1 mm	62 x 22 x 1 mm	38 x 19 x 1 mm
	Expanded Thickness	1,5 mm	1,5 mm	1,5 mm
	Standard Coil Width	1200 mm	1200 mm	1200 mm
	Standard Mesh Coil Length	50 mt	50 mt	50 mt
	Standard Mesh Coil Surface	60 m ²	60 m ²	60 m ²
	Approx. Mesh Coil Weight	14 kg	18 kg	19 kg
PROPERTIES	Resistance	0,065 Ω/mt	0,055 Ω/mt	0,040 Ω/mt
MAX CURRENT OUTPUT / METER	design life = 75 years	20 mA/m ²	30 mA/m ²	45 mA/m ²

Note: According to FHWA limit spec. 110 mA/m² of concrete surface area - short term limit 220 mA/m².

Telemagnetica S.r.l.

Via Teocrito, 36 - 20128 Milano
Tel. 02.255.29.00 - Fax 02.255.30.97
info@telemagnetica.com - www.telemagnetica.com