

MIXED METAL OXIDE ANODES MESH TYPE

DATASHEET 1.12 MMO MESH ANODES

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



Titanium	ASTM B 265 Grade 1
Expanded Mesh Diamond	40 x 19 mm
Expanded Thickness	2 mm
Standard Coil Width	1200 mm
Standard Mesh Coil Length	50 mt
Standard Mesh Coil Surface	60 m ²
Approx. Mesh Coil Weight	15 kg
Resistance (at 30°C)	0,047 W / mt

Pre coating treatment

Degreasing
Etching
Protective Underlayer Formation

MMO Coating

Mixed Metal Oxides thermally formed



Coating tests Load measurement

Instrument: X Ray Analyser NITON XL2 800

Adhesion test

Adhesion test ASTM D 3359 - 09 e2

Electrochemical tests

NACE TM 0294 - 2016 / ISO19097-1:18 Part A external (performed by third party)

NACE TM 0294 - 2016 / ISO19097-1:18 Part B accelerated (internal)

Electrical Current output

Designed life	Years	Current mA / m ²
	100	40

FHWA recommended anodic current densities:

- Designed life: 110 mA/m²

- Short term limit: 220 mA/m²

Delivery Packaging

Wooden box



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