

GENERAL:

Mixed Metal Oxide (MMO-Ti) Anodes are widely used in Cathodic Protection industry for effective impressed current Cathodic Protection, designed to protect underground and under water structures.

MMO-Ti anodes are made by titanium coated with mixed metal oxide. It is electrically-conductive coating that activates the titanium and enables it to function as an anode. MMO anodes have an extremely low consumption rate.

MMO-Ti Anodes are used in Soil/Sand/Concrete, these anodes are manufactured with titanium substrate which meets ASTM B265 Grade 1 Standards coating, suitable for working Environment: Evolution O2, Cl2 or a combination of both.

MMO-Ti Ribbon Anode Dimensions:

| | |
|-------------------------|---------------------------|
| Width: | 6.35mm |
| Thickness: | 0.6mm |
| Standard Coil Length: | 100m |
| Standard Coil Weight: | 1.12kgs |
| Surface Area of Ribbon: | 0.014m ² per m |

Current Output of Ribbon in Fine Sand:

42mA per m when operating at an anode current density of 3 A/m²

Design Life:

50 years when operating at an anode current density of 3 A/m²

Current Output of Ribbon in Concrete:

1.5mA per m when operating at an anode current density of 110 mA/m²

Design Life:

100 years + when operating at an anode current density of 110 mA/m²

Titanium Conductor Bar Dimensions:

| | |
|--------------|---------|
| Width: | 12.7mm |
| Thickness: | 0.889mm |
| Coil Length: | 100m |
| Coil Weight: | 3.8 kgs |

