



***CORRMIT***

[www.corrmmit.com](http://www.corrmmit.com)

Corrmit technologies is a manufacturer of Mixed Metal Oxide (MMO) anodes with various shapes and compositions that is tailored to different applications. Our manufactured anodes are comprised of Tantalum and Iridium oxides that are applied as MMO coating on high quality titanium substrate which meets grade 1 or 2 specification of ASTM B863 standard. This oxide coating acts as a catalyst in oxygen evolution reactions which makes it ideal for Cathodic protection systems. The coating consumption rate is too low so that it works as a dimensionally stable anode during its lifespan. Current output of MMO anodes depends on the surrounding environment. The following table illustrates the approximate current output of these anodes in different environments:

Environment	Max. Current Output (mA/m <sup>2</sup> )
Fine Sand	3000
Concrete	110

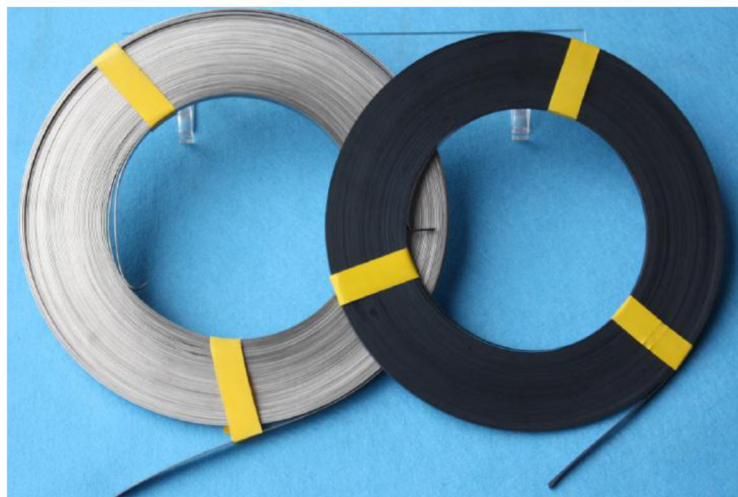
Corrmit is committed to excellence in production of cathodic protection equipment. In the light of this scenario, it takes the advantage of an organized quality control system. In case, anodes are ordered with cable tail, additional tests are performed in order to ensure a sound cable to anode connection.

MMO ribbon anodes are supplied in following sizes:

Type	Environment	Anode Width	Anode Thickness	Current Output (mA/m)
Type 1	Fine Sand	6.35	0.635	42
Type 2	Fine Sand	12.7	0.5-0.6	76.2
Type 3	Concrete	6.35	0.635	3.15
Type 4	Concrete	12.7	0.5-0.6	6.3

Ribbon anodes can be incorporated in several applications that includes but not limited to

- Cathodic protection of external bottom plate of Above Ground Storage Tanks (AST)
- Cathodic protection of steel in concrete





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