

TECHNICAL DATA SHEET: TELPRO.17

MIXED METAL OXIDE ACTIVATED 4mm DIA Ti/Cu TITANIUM WIRE ANODE FOR CATHODIC PROTECTION DESIGN LIFE 20 OR 30 YEARS

Product Code: MMO/Ti/Cu/Wire/4/20/30

Activation: Noble Mixed Metal Oxides consisting of IrO₂ and Ta₂O₅

Substrate Material: Titanium to ASTM Grade 1 or 2 Chemical Composition

Working Environment: Evolution of O₂, Cl₂ or a combination of both

Nominal Dimensions of 4mm Dia MMO/Ti/Cu Wire Anode:

Diameter	4mm (0.167 inches)
Standard Coil Length	100m (328ft)
Standard Coil Weight	10.44kgs
Surface Area of 4mm Dia MMO/Ti/Cu Wire Anode: 0.013m ² per m	
Current Output of Wire: 7.8A per m when operating at an anode current density of 600A/m ²	

Design Life: 20 or 30 years when operating at an anode current density of 600A/m² in saltwater.

Internal Resistance: 2.2 mΩ per m

Coating Loading: Sufficient in g/m² to achieve 20 or 30 year design life at an anode current density of 600A/m² in saltwater.