

TECHNICAL DATA SHEET: TELPRO.16

MIXED METAL OXIDE ACTIVATED 20mm DIA TITANIUM ROD ANODE x 765mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN SEAWATER

Product Code: MMO/Ti/Rod/20/765/SW

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 in seawater

Nominal Dimensions of 20mm Dia MMO/Ti Rod Anode:

Diameter 20mm (0.787 inches)

Length 765mm (2.51ft)

Weight 1.09 Kgs

Surface Area of 20mm Dia MMO/Ti Rod Anode x 1000mm: 0.048m²

Current Output of 20mm dia x 1000mm Anode when operating at 600A/m²: 28.8A

Design Life: 20 years when operating at 28.8A in seawater

Attenuation in current density when centre connected in 20 ohm.cms seawater – less than 1%

Internal Resistance of a 0.765m length of anode rod: 0.00029 ohms

MMO Anode supplied as a bare rod with cable attachment by others – anode to cable contact resistance to be less than 0.001 ohms.