

TECHNICAL DATA SHEET: TELPRO.11

MIXED METAL OXIDE ACTIVATED 6.35mm WIDE X 0.635mm THICK TITANIUM RIBBON ANODE x 1000mm LONG FOR CATHODIC PROTECTION DESIGN LIFE 20 YEARS IN CONCRETE

Product Code: MMO/Ti/Ribbon/6.35/1000/C

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 concrete

Nominal Dimensions of 6.35mm wide x 0.635mm thick MMO/Ti Ribbon Anode:

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Length 1000mm (3.28ft)

Weight 1.72g

Surface Area of 6.35mm x 0.635mm thick MMO/Ti Ribbon Anode x 1000mm: 0.00635m²

Current Output of 6.35mm wide x 1000mm Ribbon Anode when operating at 110mA/m²: 0.7mA

Design Life: 20 years when operating at 1.4mA in concrete

Internal Resistance of a 0.5m length of Ribbon Anode: 0.06 ohms