

## TECHNICAL DATA SHEET: NMT11

### 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 IrO<sub>2</sub> and Ta<sub>2</sub>O<sub>5</sub>

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

**Working Environment:** Evolution of O<sub>2</sub>, Cl<sub>2</sub> or a combination of both in concrete

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

**Dimensions** 6.35mm wide x 0.635mm thick

**Length** 1000mm (3.28ft)

**Weight** 1.72g

Surface Area of 6.35mm x 0.635mm thick MMO/Ti Ribbon Anode x 1000mm: 0.00635m<sup>2</sup>

Current Output of 6.35mm wide x 1000mm Ribbon Anode when operating at 110mA/m<sup>2</sup>: 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