

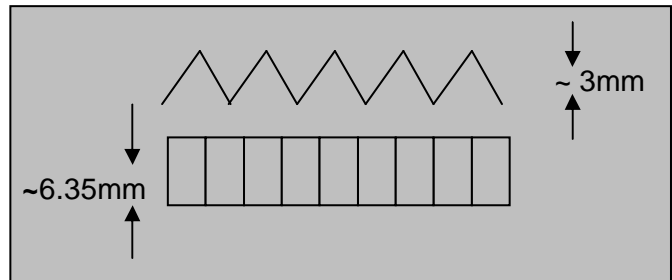
## TELPRO SAWTOOTH RIBBON ANODES FOR USE IN CONCRETE

Titanium Electrode Products (Australia) Pty Ltd "TELPRO" is the manufacturer of mixed metal oxide anodes for cathodic protection.

TELPRO Ribbon Anodes are manufactured using titanium which meets ASTM B265 Grade 1, that has been coated with TELPRO Mixed Metal Oxide Coating.

TELPRO coating consists of  $\text{IrO}_2 / \text{Ta}_2\text{O}_5$  and is suitable for use in all cathodic protection applications.

Based on accelerated life testing conducted by an independent laboratory, TELPRO MMO coating has proven to be superior or equivalent to other mixed metal oxide coatings currently being used. A copy of the test report is available upon request.



Ribbon Nominal Dimensions	
Width:	6.35mm (0.25")
Height:	3mm (0.125")
Thickness of Titanium:	0.3mm (0.0118")
Coil Length:	76.22m (250 ft)
Coil Weight:	1.36kgs (3 lbs)
Surface Area of Ribbon:	0.0287m <sup>2</sup> per m

Strict quality control procedures are followed throughout the coating process to insure proper coating adhesion and loading. Production of a quality product is fundamental in every step of the manufacturing process.

Mixed metal oxide anodes have an extremely low consumption rate. The titanium substrate remains constant throughout the design life of the anode.

<b>Current Output of Ribbon in CONCRETE:</b>	3.15mA/m (1.07mA/ft) when operating at an anode current density of 110mA/m Total Output of 76m coil 240mA
<b>Linear Internal Electrical Resistance</b>	0.0182 Ohms/m
<b>Design Life:</b>	50 years + when operating at an anode current density of 110mA/m
Note: Lengths given are projected lengths i.e. length measured when Ribbon is laid flat on the concrete surface.	