



CORROSION CONTROL



MMO MESH RIBBON ANODES

“TITANIUM COATED MIXED METAL OXIDE ANODES ”

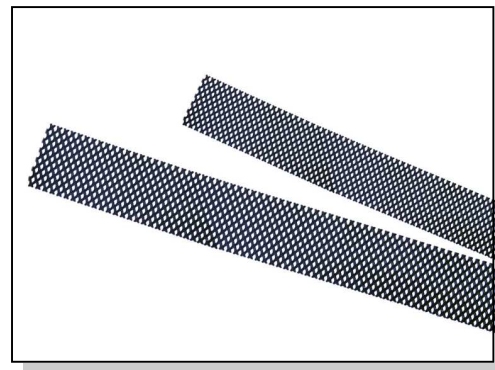
Product information

Mixed Metal Oxide (MMO) mesh is a durable anode designed for impressed current cathodic protection systems of steel structures and steel reinforcement in concrete. For new build structures, the mesh anode is simply attached to the reinforcements before the concrete is poured, and for use as a retrofit measure, the mesh anode can be inserted into channels in the existing concrete which have been ground away, which are then filled using mortar.

The high purity Titanium metal substrate has proven chemical corrosion resistance, low system electrical resistance, and high mechanical integrity against breakage. The MMO coating, with industrially proven lifetime characteristics, ensures an even current distribution.

Advantages

- Uniform current distribution
- Long expected life
- Easy to install for new builds
- High quality
- Available in various widths



Technical Data

Substrate	
Titanium ASTM B265 grade 1	Expanded Mesh
Catalyst	Mixed Metal Oxides
Dimensions	
Width	20 mm
Overall Thickness	0.8 mm
Length	25 m
Weight	28 g/m
Electrical Properties	
Resistance	0.42 Ω/m
Maximum Current Output	5.6 mA/m ²
Max Current Density	110 mA/m ² for 100 year life 250 mA/m ² short term limit

Typical width for mesh anode are 10, 15 or 20 mm - other widths are also available

Mesh Ribbon Anodes are tested to, and meet, NACE TM0108-2008 and TM0294-2007 standards as a minimum.

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