

# TiMMO Rod Anode

TiMMO Rod Anode is a sheet pile mounted anode for **cathodic protection** systems, based on a rod of titanium activated with mixed metal oxide.

It has been developed for the protection of metallic structures exposed to seawater, such as offshore and **harbor structures**.

I can be easily fixed to the structure by welding a supporting steel plate with bolts, and fixing to them the PVC body.

## ***Advantages***

- Titanium activated with mixed metal oxide (TiMMO) rod is more mechanically resistant and provide more uniform current output with respect to the tubular one, owing to lower internal ohmic drop
- The support is designed to be adherent to the structure, minimizing solicitations to the anode
- Anode is protected by lateral barriers but it is not fully shielded
- Its electrical and mechanical properties allow to



**TiMMO Rod Anode** is a sheet pile mounted anode for the cathodic protection of offshore and harbor structures

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### INSTALLATION

The anode can be easily installed by welding a support steel plate with threaded pins to the structure. The PVC body of anode can be fixed on pins with nuts by diver.

### USE

Once installed, the anode cable is connected through a junction box to a T/R.

Maximum output current density is 600 A/m<sup>2</sup>.

### SIZE

TiMMO rod: 25 mm diameter, 600/800/1000 mm length

PVC support: w 140 x h 95 x l 1000/1200/1400 mm maximum size.

### CABLE

HDPE/PUR 1 x 25 mm<sup>2</sup> 0.6/1 kV

Outside diameter 11.8 mm

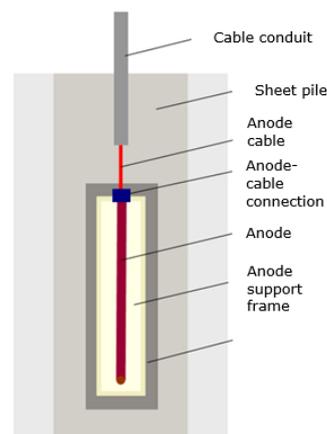
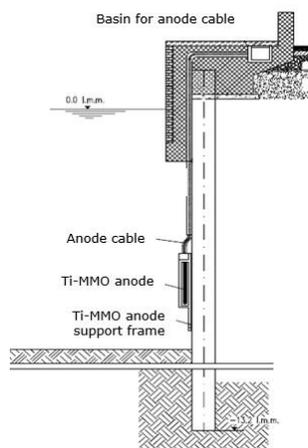
Outer sheat (PUR) thickness 1.4 mm

Compliant with IEC 60502-1 and IEC 60228

Custom cable length available as per request.

### LIFE EXPECTANCY

Operating life is expected to be at least 20 years or more, depending on current output.



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