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.

## 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/m².

## 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 mm² 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.