

## Features:

- ✓ Complies with ABYC & DNV directives
- ✓ Protects fibreglass and timber boats
- ✓ Stops wood rot in timber vessels
- ✓ Attracts less growth than zinc anodes
- ✓ Maintains hull and propeller coatings
- ✓ Improves vessel efficiency & performance

## Description:

The Maddox anode is an internationally accredited sacrificial anode for timber and fibreglass vessels. The patented composite alloy is closer than zinc in mV potential to the submerged metals found on most boats making it less aggressive on coatings and parts than the zinc equivalent.

Product Code: MPS-MAD4.2

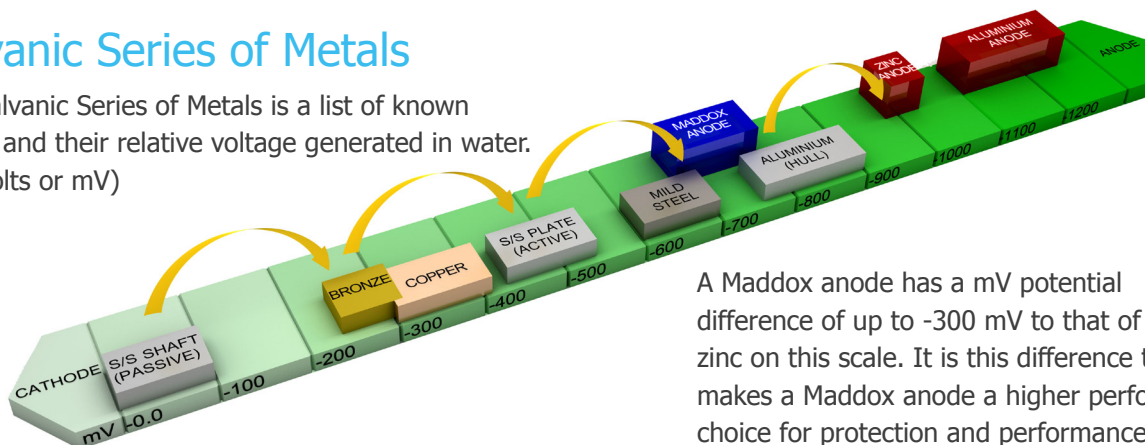
Product Code: MPS-MAD2.5

Product Code: MPS-MAD1.6

- ✓ A single transom mounted Maddox anode negates the need for all other shaft, rudder and trim tab anodes previously fitted and is connected to the Vessel Bonding System.

## Galvanic Series of Metals

The Galvanic Series of Metals is a list of known metals and their relative voltage generated in water. (milliVolts or mV)



A Maddox anode has a mV potential difference of up to -300 mV to that of heavy zinc on this scale. It is this difference that makes a Maddox anode a higher performing choice for protection and performance.



## Compliance:

ABYC E-2 Cathodic Protection. Sec 2.5.1  
DNV – RP-B401 – CP Design. Sec 1.1 & 6.3.5

## Installation Instructions:

### Maddox Anodes

- ✓ MAD1.6
- ✓ MAD2.5
- ✓ MAD4.2

The appropriate size anode for any one vessel depends on the type, volume and surface area of the submerged metals to be protected.

The anode consumption rate can be calculated with reference to DNV-RP-B401.

Maddox anodes are manufactured without holes to allow custom fitting of the anode to any vessel. MPS suggests:

- ✓ Use a paper template to mark and drill the anode to fit existing bolts.
- ✓ Use marine grease on bolts, star washers and locking nuts.
- ✓ Tighten to secure and ensure star washers cut into both anode faces.
- ✓ Check the internal bonding connection is tight and working as an effective part of the Vessel Bonding System.

## Maintenance Instructions:

The Maddox Anode has no moving or serviceable parts.

Marine Protection Systems recommends regular visual anode inspections and a comprehensive inspection whenever the vessel is on hardstand.

Effective use of an anode in a closed circuit is dependent on its connection to a bonding system.

- ✓ Check star washers continue to be firmly attached to the anode.
- ✓ Visually inspect bonding wires where they are attached to the anode terminal bolts.
- ✓ Ensure all metals in circuit maintain their connection.

Further installation and warranty instructions can be obtained from the MPS website.

[www.marineprotectionsystems.com.au](http://www.marineprotectionsystems.com.au)

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