

Martyr

Protect your boat, respect our waters.



AI premium

SALT AND BRACKISH WATER ◆

Introducing Cadmium-Free Anodes

FACTS ABOUT MARTYR™ PREMIUM ALUMINUM ANODES:

- **Why are aluminum anodes better than zinc anodes in salt water?**
Martyr™ Premium Aluminum alloy anodes are simply more efficient than zinc. Produced to US Military Specification **Mil-DTL-24779C (SH)**, aluminum anodes achieve a higher capacity (anode life) while maintaining the same output (level of protection). In other words, the aluminum anode will protect the same way but for a longer period of time.
- **I know aluminum weighs less, why is that an advantage?**
This will result in lower freight costs, easier to install and better fuel economy.
- **Why can aluminum be used in both salt & brackish waters?**
Martyr™ Premium Aluminum anodes have a higher operating potential which allows it to be used in areas with mixed waters (brackish), typically found at the mouth of a river and inlets. Zinc alloy anodes are only effective in saltwater, and magnesium alloy anodes are only effective in freshwater.
- **Can you use aluminum anodes on an aluminum outboard/ outdrive/ hull?**
Absolutely...The important thing to remember is that all genuine Martyr™ Premium Aluminum anodes are alloys, meaning they are mixtures of many different metals. The other metals found in aluminum alloy anodes (such as indium and zinc) work as catalysts to improve the efficiency of the anode. Therefore, the aluminum anode alloy becomes much more active than the aluminum outboard/ outdrive/ hull thus protecting properly.

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- **Should I worry that aluminum anodes visually corrode differently than zinc anodes?**

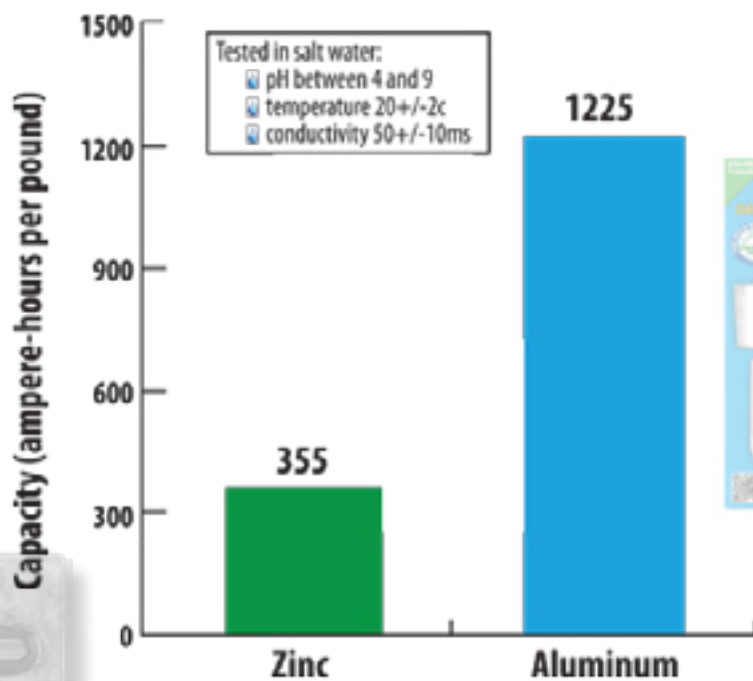
This is not a cause for concern. The difference you are seeing is the natural corrosion effects of two very different metals. It is normal for aluminum anodes to become rough and pit when corroding while zinc anodes tend to corrode very smooth and evenly, giving it a sandblasted appearance.

- **Can I use aluminum and zinc anodes on my outboard/ outdrive?**

No! Both aluminum and zinc have different properties. By mixing the two, the more active alloy will corrode much quicker, and therefore may leave the outboard, outdrive, or hull unprotected.

Visit www.martyranodes.com

**Please note that aluminum anodes used in "high wash" areas (an area that is in direct contact with moving water such as shaft anodes) are more prone to erosion and may not last as long as zinc depending on the use of the vessel and the water type it is used in.*



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