PRODUCT SPOTLIGHT:

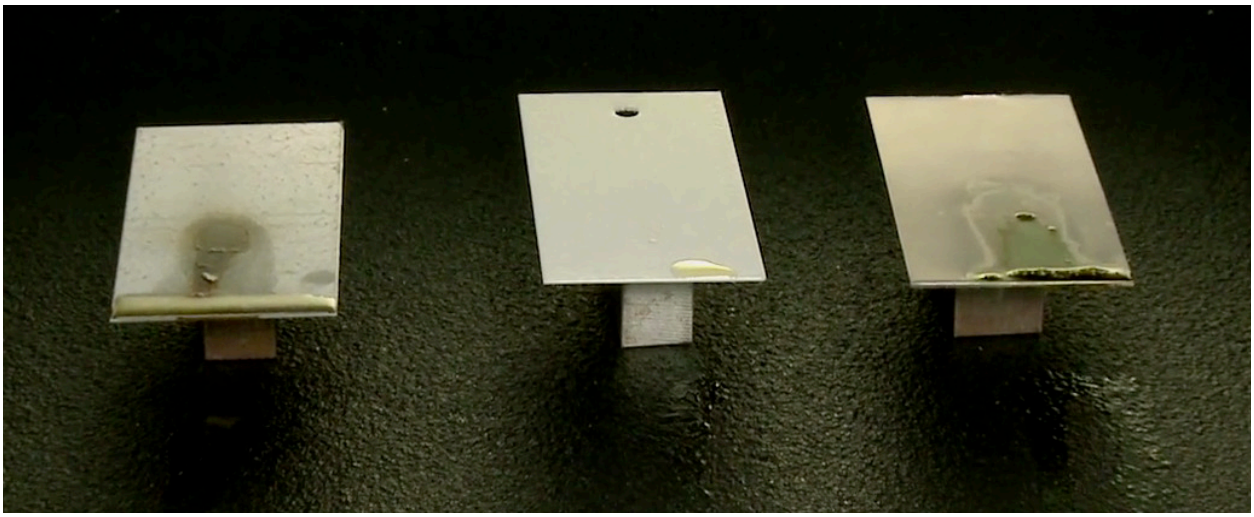
Using a TriArmor Basin to Scrub Emergency Exhaust

Does your local code official insist on having an ammonia scrubber in case of emergency release through the exhaust fans in the engine room? Are you replacing an existing condenser or cooling tower that is also used to scrub the emergency exhaust?

If so, did you know that a basin protected with the TriArmor® Corrosion Protection System can be used to scrub engine room exhaust or an emergency ammonia release?

TriArmor® Corrosion Protection System is impervious to corrosive chemicals. Check out the BAC TriArmor® Corrosion Protection System video at: www.BaltimoreAircoil.com/TriArmor. When ammonia reacts with water the result is ammonium hydroxide which normally strips the zinc from a G-235 basin. As seen in the image captured below, the TriArmor basin can withstand a hydrochloric acid attack, which is equally as corrosive. The TriArmor basin will safely contain the ammonium hydroxide until disposed.

NOTE: Please follow your local, state and federal guidelines to dispose of the ammonium hydroxide.



G-235 Galvanized Steel, Thermosetting Hybrid Polymer, Type 304 Stainless Steel and the TriArmor® Corrosion Protection System Hydrochloric Acid Testing

Work with your local code official, design engineer, and BAC Representative to determine if you have the proper conditions for this time and money saving scenario.

CONTINUED ›

PRODUCT REPORT:

Using a TriArmor Basin to Scrub Emergency Exhaust CONTINUED

What is the TriArmor® Corrosion Protection System?

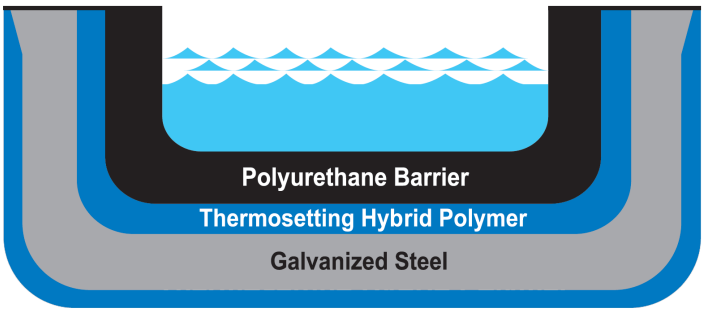
TriArmor is the latest innovation in guaranteed protection for your cold water basin. Constructed with G-235 Galvanized Steel, Thermosetting Hybrid Polymer, and a proprietary Polyurethane Barrier, this unique combination results in the new patented TriArmor® Corrosion Protection System. The TriArmor® Corrosion Protection System provides the ultimate in corrosion resistance at an affordable price.

TriArmor® Corrosion Protection System is a triple protection process consisting of:

- ✓ **G-235 Galvanized Steel** – The heaviest commercially available galvanized steel which provides a durable structure to the system.
- ✓ **Thermosetting Hybrid Polymer** – Electrostatically applied to both sides of the G-235 Galvanized Steel providing a second layer of protection from corrosion. This material also serves as a mechanical and chemical bonding agent between the Polyurethane Barrier and the Galvanized Steel.
- ✓ **Polyurethane Barrier** – Factory applied, corrosion resistant, impermeable armor creates a **seamless** cold water basin.

The TriArmor® Corrosion Protection System for a cold water basin has been specifically designed for evaporative cooling applications to provide the most corrosion resistant material available.

This revolutionary system has been subjected to accelerated testing to simulate years of operation in the harshest environments. Additionally, it has performed successfully for over a decade at customer installations.



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