MARINE STRUCTURE REPAIR & PROTECTION:

ElectroTechCP™ Metalized Cathodic Protection

structural TECHNOLOGIES

Utilizing commercially available and patented anode alloys, STRUCTURAL TECHNOLOGIES' metalized cathodic protection systems are designed to deliver corrosion protection to embedded reinforcing steel in concrete through the galvanic process.

When connected to reinforcing steel in concrete, a metalized anode system delivers a uniform protective current. Simple to operate, these systems do not require external power and offer lower lifecycle costs compared to other methods of cathodic protection. A metalized surface may also be coated for aesthetic purposes or to provide additional protection.

Installation Method

These systems are typically installed using the wire arc method, a process where two wires of metal are energized and melted, then propelled towards a prepared surface at a high speed to create a dense coating that adheres strongly to the substrate.

STRUCTURAL TECHNOLOGIES provides installation support to qualified contractors which includes equipment, materials, expert technical field support, as well as quality assurance / quality control.

ElectroTechCP™ MCP Features:

Adaptable

Sprayed anode coating conforms to any concrete structure, and is available in an array of alloys

Robust

Adheres strongly to the concrete substrate, anode stays in place for the life of the system

Easy to Maintain

Self-powered systems are visually inspectable and allow for future application of additional coating materials without disrupting the structure