



## MARINE STRUCTURE REPAIR & PROTECTION: ElectroTechCP™ C-Wall System



### Galvanic Cathodic Protection System for Sea Wall Restoration

STRUCTURAL TECHNOLOGIES' ElectroTechCP™ C-Wall System is a unique solution for restoration and long-term protection of sea wall piles and other marine structures. The system was developed as a means of providing corrosion control and repair in a single, efficient installation. The ElectroTechCP™ C-Wall System may be fabricated into any size or shape. Made from a specialized concrete composite, the system features a durable, impact-resistant outer shell. The shell is lined with an expanded zinc mesh anode that provides galvanic cathodic protection to steel piles or embedded concrete reinforcement.

### ElectroTechCP™ C-Wall System Features:

#### **Delivers Optimal Protection**

The ElectroTechCP™ C-Wall System is maintenance-free – its protective current output self-adjusts to meet changes in temperature, humidity, concrete resistivity and a number of other factors, delivering optimum corrosion protection to the structure at all times.

#### **Repairs, Strengthens, Protects**

In addition to providing corrosion protection, the stay-in-place ElectroTechCP™ C-Wall System serves as a form for placement of cementitious repair materials for cross-section loss, adding or restoring capacity to a structure.

#### **Easy to Install**

Unlike traditional repairs to concrete or steel piles, installation of the ElectroTechCP™ C-Wall System is simple – it arrives with no assembly required. The system is mechanically fastened to the structure, the zinc mesh is connected to the steel and then the annular space is filled with concrete material.

