



# LifeAnode™ 105

## Cathodic Protection Products

The LifeAnode™ system is an engineered galvanic “discrete” or “point” anode designed for patch repairs for damaged concrete due to chloride induced corrosion.

The sacrificial anode system consists of anode grade zinc encased in a specially formulated conductive mortar, designed to maintain anode activity without excessive self-corrosion.

Adding LifeAnodes to a concrete patch repair job adds 10-15% to the cost; however, LifeAnodes prevent halo- or ring-effect corrosion, thus preventing follow up repairs to the area in 3 - 5 years. In other words, LifeAnodes can prevent long term repairs that could add up to 100% of the original repair cost.





## Cathodic Protection Products

Contact our sales team for more information about our company and products.

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### Product Features:

- ◆ Anode (Zn) Mass: 65 grams
- ◆ External Anode Dimensions: 4.5" x 2.75" x 0.75"
- ◆ External Surface Area: 40 in<sup>2</sup>
- ◆ Zinc Anode Surface Area: 41 in<sup>2</sup>
- ◆ Specially configured galvanized tie wires for ease of installation and extended throwing power
- ◆ Anode Composition: conforms to ASTM B418, Type II
- ◆ Anode Spacing: industry norm

### Performance Features:

- ◆ Anode Potential: more negative than -950 mV, CSE, when pre-moistened
- ◆ Capacity: >800 A-hr/kg
- ◆ Auto-Corrosion: "Nil" (<0.1 mm / year)
- ◆ Maintains anode activity and adjust output with changes in environmental conditions

### Packaging:

- ◆ Quantity per box: 24
- ◆ Box Dimensions: 15.75" long x 9.625" wide x 9.625" high (0.40 m x 0.24 m wide x 0.24 m high)
- ◆ Box Weight: 17.4 lbs (7.9 kg)
- ◆ Units per Skid: 720

### Storage:

- ◆ Avoid extreme temperatures and moisture; nominal shelf life 5 years

### Other Cathodic Protection Products:

LifeJacket®

LifePanel®

LifeDowel™