

Smart Zinc[®]150 Connect

Smart Zinc[®]150 Connect galvanic anodes for targeted global corrosion protection

The Problem:

Chloride induced corrosion is one of the major problems facing concrete buildings, wharves and bridges located in high-chloride environments.

Concrete repair in conjunction with the installation of a global / local galvanic anode protection system can, under specific conditions of high chloride concentration and relatively low concrete resistivity, provide an ideal low-cost effective solution to increase the corrosion resistance of the reinforcement and extend the life of the structure.

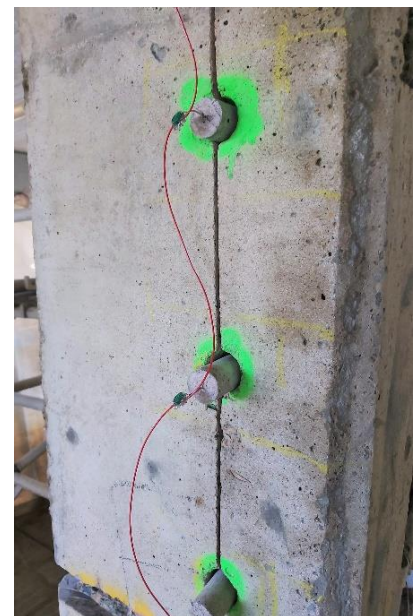
The Solution:

SMART ZINC[®] 150 Connect is a galvanic anode with high zinc content and a relatively small diameter. This anode has been specifically designed for local / global galvanic anode protection systems and can improve the corrosion resistance of embedded rebar in concrete structures affected by chloride contamination.

The anode/backfill assembly is manufactured under strict quality control procedures and the anode is delivered to site ready to install. This eliminates major problems associated with backfill installation on site and problems associated with full encapsulation of the zinc anodes.

Features and Benefits:

- Proven technology and simple installation.
- Alkali-activated zinc anode.
- Ideal for localised high corrosion activity areas.
- Anode size (L:170 mm x D:30mm) / Hole size 190 mm x 38 mm
- Direct and simple connection to rebar.
- 150 g of zinc in each anode offering long-term protection.
- Highly effective in low resistivity / high chloride content concrete.
- Installation procedure and accessories available from Savcor Products Australia.



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