

SMART ZINC® 675 Edge



Delamination from reinforcement corrosion.



SMART ZINC® 675 Edge anodes can be installed within the patch repair area for global protection or along the edge of the repair area for incipient anode prevention.



Anode encapsulated with repair mortar.

Smart Zinc® 675 Edge galvanic anodes are designed for incipient anode prevention in conjunction with high resistivity repair mortar for large repair areas.

The Problem:

Concrete repair in chloride contaminated structures causes incipient anode formation and results in reinforcement corrosion and concrete spalling at the border of repair areas. Performing the repair work using high resistivity concrete and installing galvanic anodes at the edge of the repair patch can ensure targeted current delivery to the high-risk corrosion areas in the concrete around the repaired locations.

The Solution:

SMART ZINC® 675 Edge anodes can be installed along the perimeter of large repair areas at the border of the parent concrete. This installation method substantially improves the current flow from the zinc anodes, through the concrete, to the reinforcement located in the critical high-corrosion risk incipient anode area.



SMART ZINC® 675 Anode

Features and Benefits:

- Anode must be fully embedded in low resistivity repair mortar.
- Anode dimensions 66(W) x 30(H) x 500(L) mm.
- 675 g of zinc in each anode providing long-term corrosion protection.
- Alkali-activated zinc anode.
- Anode suitable for embedment in thin concrete elements.
- Designed for uniform incipient anode prevention.
- Can be used for global corrosion protection in large repair areas.
- Installation procedure available from Savcor Products Australia.

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