

# PS Sacrificial Strip Anode

Uniform Corrosion Protection System using sacrificial Galvanic Anode



<b>Description</b>	For reinforced concrete (RC) structures, sacrificial anode cathodic protection (SACP) is an effective method to control steel corrosion. PS Sacrificial Strip Anode is a unique galvanic anode unit based on special zinc encased in a specially formulated conductive mortar which prevents, controls & delays the corrosion of reinforcement steel in severe/aggressive environment. Canode HCP is having high throwing power due to its higher surface area which enables to protect RCC structures of wider range. When Strip anode is connected to steel reinforcement, zinc being active element corrodes in preference to steel.
<b>Uses</b>	<ul style="list-style-type: none"><li>▪ Repair &amp; rehabilitation of concrete structures, slabs, columns, beams</li><li>▪ Power and industrial plant rehabilitation</li><li>▪ Marine RCC structures</li><li>▪ Coastal Structures</li><li>▪ Any Buildings and Structures</li></ul>
<b>Characteristics / Advantages</b>	<ul style="list-style-type: none"><li>▪ Prevents rate of corrosion of steel reinforcement inside concrete</li><li>▪ Easy to install</li></ul>

## Product Information

<b>Packaging</b>	4 units per box
<b>Anode Material</b>	Zinc
<b>Outer Shell Material</b>	Alkaline ion conductive cementitious matrix
<b>Material Compliance</b>	As per ASTM B-418 Type II,
<b>Shelf life &amp; Storage Conditions</b>	12 months when stored the material in a cool place away from direct sunlight or any source of ignition and fire. Keep away from reach of children in a well ventilated place.

## Mechanical / Physical Properties

<b>Typical properties</b>	Mass of Zinc	900 ± 10 gms
	Shape of Finished Product	Rectangular
	Size of Finished Product	32 mm x 32 mm x 1000 mm
	Total Mass of Product	3 Kg +/- 50 gms
	Tie Wire	Medium grade annealed galvanized steel wire
	Linearity of OCP in wet conditions	-1000 mV in tightly closed packing

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## Application Instructions

### Application

- Remove the loose concrete from around and behind of all corroding reinforcement.
- Thoroughly wires brush the reinforcement to remove loose rust & rust stains.
- Soak the Canode units in clean water for 20-30 minutes before installing.
- Fasten the tie wires of anode using pliers on the side or beneath the rebar to prevent free movement.
- Ensure proper connection under expert supervision.
- Spacing: As per designer's / specifier's recommendation.

### Health & Safety Information

For Information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

During use, avoid inhalation and contact with the skin or eyes. Wear suitable protective clothing - eye protection, gloves and respiratory equipment (particularly in confined spaces).

In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately - do not induce vomiting.

### Legal Notes

The information and in particular the recommendations relating to the application and end use of products are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with recommendations. In practice the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information or from any written recommendations or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose reserves the right to change the properties of its products. The Proprietary fights of third Parties must be observed. All orders are accepted subject to our current terms of sale and delivery.

Users must always refer to the most recent issue of the local product Data sheet for the product concerned copies of which will be supplied on request.

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