

PS Sacrificial Point Anode

Galvanic Anodes for Corrosion Protection of Embedded Reinforcement in Concrete



Description	For reinforced concrete (RC) structures, sacrificial anode cathodic protection (SACP) is an effective method to control steel corrosion. PS Sacrificial Anode is a Special Galvanic Series Anode with Zinc encased in a specially formulated Alkali activated Conductive Cementitious Material as per ASTM Standard.
Uses	<ul style="list-style-type: none">▪ Bridge and marine structures▪ Power and industrial plant rehabilitation▪ Service life extension in severe service conditions▪ Conventionally reinforced and pre-stressed/ post tensioned concrete▪ Any Buildings and Structures▪ New construction:
Characteristics / Advantages	<ul style="list-style-type: none">▪ Prevents rate of corrosion of steel reinforcement inside concrete▪ Easy to install

Product Information

Packaging	As required in Nos.
Anode Material	Zinc
Outer Shell Material	Conductive Cementitious Material, Alkali activated with non ionising and non dissociating embedded strong electrolytes
Material Compliance	As per ASTM B-418 Type II, ASTM A82 and ASTM B/6/B69
Shelf life & Storage Conditions	Store 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

Typical properties	Mass of Anode	60 gms	115 gms
	Shape of Finished Product	Cylindrical Bulb Type	Cylindrical Bulb Type
	Size of Finished Product	Bulb Dia: 60 mm +/- 10 (Approx.) Height: 30 mm +/- 5 (Approx.)	Bulb Dia: 65 mm +/- 10 (Approx.) Height: 30 mm +/- 5 (Approx.)
	Total Mass of Product	150 +/- 10 gms	290 +/- 20 gms
	Tie Wire	Soft Grade Galvanized steel wire	Soft Grade Galvanized steel wire
	Open Circuit Potential	Min. -950 mV (w.r.t. SCE)	Min. -950 mV (w.r.t. SCE)

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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.

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 rights 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.

IPSS Industrial Products

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Product Data Sheet
PS Sacrificial Anode
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