

CORRO GUARD -S

(Alkali activated galvanic strip anode)

DESCRIPTION:

CORRO GUARD -S are the strip anodes used in concrete to prevent further corrosion. Anodes are surrounded by Alkali activated mortars once installed or fastened to the reinforcement steel zinc core corrodes & protects the reinforcement steel & it is used for cathodic protection are cast from high purity zinc (99.9 %).

APPLICATION:

- Bridges, jetties, columns & pillars.
- Service life extension of bridges.
- In new constructions of concrete structures.
- Galvanic jacketing in concrete pillars & columns.
- Can be used in chimneys.
- Best application to be used in cooling towers.

ADVANTAGES:

- Easy to install,
- anode can be easily fastened to the reinforcement steel.
- It doesn't require external power source.
- Performance can be easily monitored.
- It is long lasting for 20-30 years & reduces the future repairs.

 It confirms to the standard
ASTM B418 95A TYPE I

Zinc weight	890 gm
Length	100 cm
Anode dimensions	27 mm x 25 mm

Constro Chem India Pvt Ltd

201, Shrusthi tower Near Parsik Janta bank, Kalwa Naka Thane (West), Maharashtra -400 605.

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TECHNICAL DATA:

Sr. No.	Specifications	Details
1	Product Name	Corro Guard- S (strip- anode)
2	Anode Class	Alkali Activated
3	Working Principle	Galvanic Series
4	Outer Shell Material	Ion Conductive Galvanic Matrix
5	Wire & Specifications	Galvanized Iron Wire
6	Anode (Zinc alloy) material compliance with	ASTM B-418 95 A TYPE I
7	Zinc purity	99.94%

PACKAGING:

4 Pieces / Box

STORAGE:

Anode should be placed in dry atmosphere.

SHELF LIFE:

12 MONTHS

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INSTALLATION METHOD:

For Repairs:

- Break concrete from around & behind the reinforcement.
- Remove all scales, rust, loose mortars from the reinforcement & around the reinforcement.
- For repairs remove all de bonded concrete which induces chloride penetration & further corrosion.
- Anodes are typically tied to the exposed reinforcement close to the concrete.
- Proper cleaning of reinforcement steel is needed where anode tie wires are going to be connected. It provides good electrical conductivity.
- Fasten the tie rods to the reinforcement steel.
- Electrical connection between anodes tie wires & the clean the reinforcement steel should be between 0.1-1.0 Ω .
- spacing of anode will be vary from 150 mm to 750 mm.

SAFETY INSTRUCTIONS:

Contact with moisture can release alkalis which may be harmful to exposed skin. Anode components should be handled with suitable gloves. Care should be taken to avoid contact with eyes, skin, and mouth and food stuff. Any splashes on the human body must be washed with plenty of water.

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