

## Technical Data Sheet

### Galvex DI 60 & 100 hybrid

Zinc sacrificial anodes for corrosion control of steel in concrete.



#### Description

Hybrid activated zinc sacrificial anodes imbedded in an ion-conductive auto moistening paste pre-embedded in a conductive silicate based mortar, for cathodic protection of reinforced concrete structures.

The anodes are used for the protection of reinforced structures which need cathodic protection.

#### Typical features

Typical corrosion defined as galvanic corrosion occurs when two different types of metal are in contact with each other and surrounded totally or partially by an electrolyte.

The metal with the most negative electrochemical potential will corrode or sacrifice itself to protect the other metal with a more positive electrochemical potential. In a similar way the **Galvex hybrid** anodes will corrode and sacrificing themselves protecting the steel or reinforcing structure being attached to it.

Each anode will create an extended electric field around itself within the electrolyte which is called "throwing power" which is the protecting zone of the anode.

#### Applications

These anodes are utilized in those areas where high expectancy of corrosion is ascertained. They guarantee a strong reduction of corrosion currents and preventing new locations with initiation of corrosion.

Thanks to the ease and quickness of the installation, costs can be reduced to a minimum. The eventual driving force between those anodes and the steel reinforcement guarantees a long and corrosion-inhibited service life of the structure.

#### Features of application

- specifically designed for application in pre-drilled holes
- can be secured in pre-drilled holes with a standard repair mortar
- suitable for use with concrete patch repair
- applicable for concrete slabs and floorings
- ideal for bridge decks, beam supports, and columns
- perfect for balcony facings and concrete façades

The **Galvex DI** hybrid anodes are based on a composition of a specially designed zinc core coated with a patented ion-conductive self-moistening overlay paste keeping the anodes active during their entire service life and subsequently pre-embedded in a conductive "hybrid" silicate based mortar.

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GALVEX DI	DI 60 HYBRID	DI 100 HYBRID
<b>DIMENSIONS</b>	Ø35 X 130MM	Ø35 X 130MM
<b>GROSS WEIGHT</b>	230G	270G
<b>ZINC WEIGHT</b>	60G	100G
<b>STOCK CONDITIONS</b>	< 30°C / < 65% RH	< 30°C / < 65% RH
<b>TARIFF NR.</b>	7905 00 00	7905 00 00
<b>UNIT PACKAGING</b>	20PC A BOX	20PC A BOX



*All technical data stated in this Technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. The information, and, in particular, the recommendations relating to the application and end-use of CorrPRE's products, are given in good faith based on CorrPRE's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with CorrPRE's recommendations.*

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