

Ancillary items used in the installation of Ebonex discrete anodes

Uses

Ebonex Wire is used to connect individual Ebonex anodes to each other to form “strings” of anodes as determined by the CP Design Engineer.

Ebonex Crimps are titanium crimps used to attach Ebonex anodes to the Ebonex connecting wire.

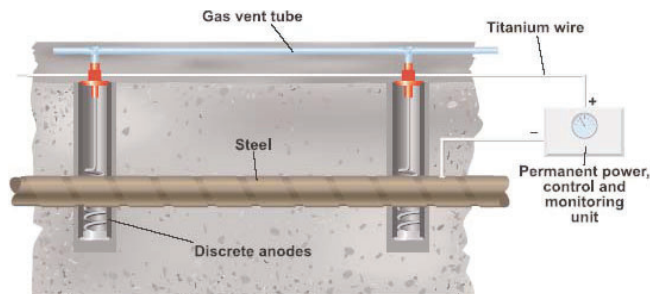
Ebonex Crimping Tool is used to attach the Ebonex Crimp to the relevant wires.

Ebonex Venting Pack consists of PVC tubing and “T” pieces used to connect to the vent on the Ebonex anode allowing the escape of any potentially harmful gas.

Typical Applications

- Bridges
- Tunnels
- Car parks
- Reinforced concrete in marine environments

Installation Instructions



Installation

Install Ebonex anodes as per the instructions detailed in the Ebonex Anodes technical data sheet

Connect strings of Ebonex discrete anodes together as recommended by the CP design engineer using coated or non-coated titanium feeder wire and electrical connectors or titanium crimp connectors. All wire jointing requires the use of titanium metal crimps, secured using an appropriate crimping tool. After connections have been made continuity should be tested with a resistance meter. Any reading found to have a resistance >1 Ohm requires re-crimping the connection. When the integrity of the connection is established the tail of each Ebonex discrete anode can be gently bent, thus settling the

Important notice

Read this TDS carefully prior to use as application or performance data may change from time to time.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.



wire into the chased groove.

The chase is filled with a pre-bagged repair mortar or Ebofix grout and left for at least 4 days before connecting to the power system.

Limitations

In chloride contaminated structures, particular attention should be paid to the control of applied voltage. Potentials greater than 7 volts should not be applied to the titanium connecting wires.

Performance of the Ebonex discrete anode is dependent upon the correct design, installation and maintenance of the Cathodic Protection system.

Supply

Ebonex discrete anodes are supplied with 500mm tail wire.

Ebonex Anode Type	Diameter x length (mm)	Material Code
10/100	10 x 100	FC312034-UNIT
10/150	10 x 150	FC312035-UNIT
18Plus/200	18 x 200	FC312057-UNIT
18Plus/300	18 x 300	FC312056-UNIT

(12mm Plus anode also available on specific request)

Vector Ebofix Grout 20kg MTO: FC312043-20KG

Vector Ebonex Wire Pack 40m MTO: FC312047-UNIT
Titanium feeder wire 40 m x 1.5 mm diameter

Vector Ebonex Crimp Pack 80PC MTO: FC312046-UNIT
80 titanium crimps

Vector Ebonex Crimping Tool MTO: FC312049-UNIT
Crimping tool plus plattens

Vector Ebonex Venting Pack MTO: FC312048-UNIT
20m PVC venting tube plus 40 connecting T-pieces

Vector Ebonex Connectors MTO: FC312045-UNIT
50 electrical connectors

Please note that all above products are Made-to-Order (MTO). Minimum Order Quantities (MOQ), Order Quantity Breaks and Lead Times apply. Please contact Customer Service or your Fosroc representative to place an order.

Storage

Store both the Ebonex discrete anodes and Ebofix Grout in dry conditions in their original unopened packaging.

Ebofix Grout has a shelf life of 12 months.