

TECHNICAL DATASHEET

DuoCrete P Mortar™

A mortar used in the installation of ICCP ribbon/discrete anodes and PatchGuard Strip anode ranges.




Use

DuoCrete P mortar is used for the embedment of ICCP ribbon and discrete anodes and PatchGuard Strip anodes

Advantages

- Pre-mixed single component for ease of use
- Eliminates inconsistency associated with on site mixing of mortars
- Minimal site labour requirement reduces costs
- Absence of site batching minimises waste

Description

DuoCrete P mortar is pre-mixed and packaged in a sealant cartridge and applied into pre-formed slots, before the anode is inserted, to generate an embedded unit. The DuoCrete P mortar facilitates activation of the ICCP ribbon and ICCP discrete anodes. Additionally, it facilitates the activation of the PatchGuard Strip anode unit in both applied current and galvanic modes of operation. The cure time and physical properties have been designed to simplify and optimise performance.

Application

Application of the DuoCrete P mortar shall be in accordance with the 'ICCP ribbon/discrete anodes and PatchGuard Strip anode Installation Guidelines' and is summarised as follows:

ICCP ribbon and PatchGuard Strip anodes are typically installed in pre-formed slots, the depth being dependent on the size of the anode, and at a spacing of 250-500mm. ICCP discrete anodes are typically installed in holes to various depths dependant on the anode and at a spacing of 250-500mm.

The DuoCrete P mortar is gunned into the slots or holes and must encapsulate the anode to ensure a large active surface area.

Limitations

Not to be applied at temperatures below 5 °C.

For additional information relating to installation of the ICCP ribbon/discrete and PatchGuard Strip anode systems please refer to product Datasheets and Installation Guides.

Packaging

310 ml tubes

25 units per box

Storage

Best stored at temperatures between 5 °C and 25 °C in a dry environment. Do not freeze. The storage area temperature should not exceed 25 °C for extended periods. Prolonged heated storage decreases the product life. For extended projects, greater than 12 months, discuss storage and product supply options with your supplier.

Ancillary Materials

ICCP ribbon anode ICCP discrete anode and PatchGuard Strip anodes

Manganese dioxide reference electrode

Monitoring equipment

Precautions - Health and Safety

Protective clothing must be worn. Wear gloves and eye protection at all times.

For more information refer to the DuoCrete P material safety datasheet.




For technical and sales support please contact us at:

Concrete Preservation Technologies

1 Palmer Business Court, Manor House Road, Nottingham, UK, NG10 1LZ

(T) +44 (0) 115 9724 238 (E) general@cp-tech.co.uk

www.cp-tech.co.uk