

# TECHNICAL DATASHEET

## DuoCrete SD Mortar™

A mortar used in the installation of the DuoGuard hybrid anode range.




### Use

DuoCrete SD mortar is used for the embedment of DuoGuard hybrid 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 SD mortar is pre-mixed and packaged in a sealant cartridge and applied into pre-drilled holes, before the anode is inserted, to generate an embedded unit.

The DuoCrete SD mortar facilitates activation of the DuoGuard 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 SD mortar shall be in accordance with the 'DuoGuard Installation Guidelines' and is summarised as follows:

DuoGuard anodes are typically installed at a spacing of 350-500mm (13¾" - 20").

DuoGuard anodes are installed in pre-drilled holes of 30mm (1¼") diameter with the depth being dependent on the size of the anode used.

The DuoCrete SD mortar is gunned into the 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 DuoGuard anode system please refer to the DuoGuard Datasheet and Installation Guide.

### Packaging

310 ml tubes (10.5 US fluid ounce)

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.

### Complementary Materials

DuoGuard hybrid anodes

### Precautions - Health and Safety

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

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

### Technical and Sales Support

w: [www.cp-tech.co.uk](http://www.cp-tech.co.uk)

t: +44 (0) 115 9724 238

e: [general@cp-tech.co.uk](mailto:general@cp-tech.co.uk)




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](mailto:general@cp-tech.co.uk)

[www.cp-tech.co.uk](http://www.cp-tech.co.uk)