

Description

DuoCrete VB mortar is used in the installation of the DuoGuard™ Hybrid Anode™ range into corrosion damaged reinforced concrete. The DuoCrete VB mortar is pre-mixed and packaged in a sealant tube and applied into pre-drilled holes in the concrete before the anode is inserted to generate an embedded unit.

The DuoCrete VB mortar facilitates activation of the DuoGuard anode unit in both applied current and galvanic current modes of operation. DuoCrete VB contains rheology Modifiers to adjust the physical behaviour of the mortar during installation and once installed. This can offer ease of installation benefits in some applications, in warm and dry conditions.



Features

- Specially formulated for application
- Pre-mixed for ease of use
- Single component
- Simple installation
- Long shelf life

Advantages

- Enhances the performance of DuoGuard anodes
- Eliminates inconsistency associated with on-site mixing of mortars
- Minimal site labour requirement reduces costs
- Absence of site batching minimises waste
- Cost effective corrosion control solution

Application

Application of the DuoCrete VB mortar shall be in accordance with the 'Installation Guidelines' and is summarised as follows:

DuoGuard anodes are typically installed at a spacing of 350-500 mm.

DuoGuard anodes are installed into pre-drilled holes of 30 mm diameter with the depth being dependent on the size of anode used. The DuoCrete VB mortar is gunned into the holes and must encapsulate the anode to ensure a large active surface area. The remaining 20 mm at the top of the holes is then filled with a low shrink repair material within 2 hours of anode installation.

Following connection of the DuoGuard anodes, a current is applied for 1 week after which time the power supply is removed and the system switched to operate in galvanic mode.

Product Data

Packaging : 380 ml tubes, 20 units per box

Storage : Store dry in original containers

Ancillary Materials

The following ancillary materials are also available from CPT Ltd;

- DuoGuard™ Hybrid Anode™
- Manganese dioxide reference electrode
- Monitoring equipment

Limitations

DuoCrete VB mortar should not be applied at temperatures below 5°C.

For additional information relating to the installation of the DuoGuard system please refer to the **DuoGuard™ datasheet** and **Installation instructions**.

DuoCrete VB Mortar

Health and Safety

Protective clothing must be worn. Wear gloves and eye protection at all times. For more information, refer to the DuoCrete VB material safety datasheet.

Contact Details

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