

DuoCrete PG Mortar

Technical Datasheet



Description

DuoCrete PG mortar™ is used in the installation of the PatchGuard™ and PatchGuard Plus™ into corrosion damaged reinforced concrete. The DuoCrete PG mortar™ is pre-mixed and packaged in a sealant tube and applied into pre-drilled holes in the concrete. The PatchGuard™ and PatchGuard Plus™ are subsequently placed into the hole, generating an embedded unit.

Features

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

Advantages

- 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.

Product Data

Packaging : 380 ml tubes, 20 units per box

Storage : Store dry in original containers



Application

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

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

PatchGuard and PatchGuard Plus anodes are installed into pre-drilled holes of 45 and 80 mm respectively. The DuoCrete PG mortar is gunned into the holes encapsulating the anode to ensure a large active surface area.

Following connection of the PatchGuard anodes to the exposed, clean steel, the patch repair mortar can be applied.

Ancillary Material

The following ancillary materials are also available from CPT Ltd;

- PatchGuard and PatchGuard Plus
- Manganese dioxide reference electrode
- Monitoring equipment



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Limitations

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

For additional information relating to the installation of the PatchGuard or PatchGuard Connect anode system please refer to the PatchGuard, PatchGuard Plus, PatchGuard Ultra and PatchGuard Connect Datasheets and Installation guides.

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.

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