

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.

The DuoCrete PG mortar facilitates installation of the galvanic PatchGuard anode units. The cure time and physical properties have been designed to simplify installation and optimize performance.



Features

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

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

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.

Product Data

- Packaging : 380 ml tubes, 20 units per box
Storage : Store dry in original containers

Ancillary Material

The following ancillary materials are also available from CPT Ltd;

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

Limitations

DuoCrete PG 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 **PatchGuard™ and PatchGuard Plus™ Datasheets** and **Installation instructions**.

*Dependant on local site conditions, including chloride concentration, concrete properties, humidity and temperature

DuoCrete PG Mortar



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.

Contact Details

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