

PRODUCT DATA SHEET

Sika® DuoCrete PG

Activating Mortar for Hybrid Galvanic System

DESCRIPTION

Sika® DuoCrete PG mortar is used in the installation of the Sika® Ferrogard Patch anodes into corrosion damaged reinforced concrete. The Sika® DuoCrete PG mortar is pre-mixed and packaged in a sealant tube and applied into pre-drilled holes in the concrete. The Sika® FerroShield Patch anodes are subsequently placed into the hole, generating an embedded unit. The Sika® DuoCrete PG mortar facilitates installation of the galvanic Sika® Ferrogard Patch anode units. The cure time and physical properties have been designed to simplify installation and optimize performance.

USES

Sika® DuoCrete PG enhances the performances of Sika® FerroShield Patch anodes.

CHARACTERISTICS / ADVANTAGES

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

Packaging	380 ml cartridge, 20 units per box
Appearance / Colour	Light grey paste
Shelf Life	12 months from date of production
Storage Conditions	Store properly in dry conditions in undamaged and unopened original sealed packaging

Density 1.539kg/ltr

APPLICATION INFORMATION

Ambient Air Temperature	+5°C min
Substrate Temperature	+5°C min

APPLICATION INSTRUCTIONS

APPLICATION

Application shall be in accordance with the Sika® Ferroguard® Patch Method Statement and is summarised as follow:

Sika® Ferroguard® Patch anodes are typically installed at a spacing of 350-500 mm.

Sika® Ferroguard® Patch anodes are installed into pre-drilled holes of 25mm diameter x 45, 85 or 120mm for Sika® FerroGard®-510 Patch, Sika® FerroGard®-515 Patch and Sika® FerroGard®-520 Patch mm respectively (with the depth being dependent on the size of anode used). The Sika® DuoCrete PG mortar is ready to use and gunned into the holes with a standard cartridge gun and must encapsulate the anode to ensure a large active surface area.

LIMITATIONS

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

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY HEALTH AND SAFETY

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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