

PRODUCT DATA SHEET

Sika® FerroGard®-300 DuoCrete

ACTIVATING AND EMBEDMENT MORTAR FOR THE HYBRID ANODE GALVANIC SYSTEM

DESCRIPTION

Sika® FerroGard®-300 DuoCrete mortar is used for the installation of the Sika® FerroGard® Duo Hybrid Anode range. The mortar is supplied ready to use from the sealant cartridge and applied into pre-drilled holes in the concrete before the anode is inserted.

The Sika® FerroGard®-300 DuoCrete mortar facilitates activation of the Sika® FerroGard® Duo anode units in both applied current and galvanic current modes of operation. The cure time and physical properties have been designed to simplify installation and optimise performance.

USES

Sika® FerroGard®-300 DuoCrete may only be used by experienced professionals.

- Embedding Sika® FerroGard® Duo hybrid anodes.
- Activates the hybrid anodes in both applied current and galvanic modes of operation.

CHARACTERISTICS / ADVANTAGES

- Specially formulated for application
- Pre-mixed for ease of use
- 1-part ready to use
- 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

PRODUCT INFORMATION

Composition	Lime paste
Packaging	310 ml cartridge: 25 cartridges per box
Appearance / Colour	Light grey paste
Shelf life	12 months from date of production
Storage conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging.

SYSTEMS

System Structure	<ul style="list-style-type: none"> ▪ Sika® FerroGard®-300 DuoCrete ▪ Sika® FerroGard® Duo hybrid anodes ▪ Sika® FerroGard® XLPE Coated Titanium Wire ▪ Sika® FerroGard® Monitoring Enclosure (optional) ▪ Reference Anode Sika® FerroGard® MN 15 RE (optional)
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APPLICATION INFORMATION

Ambient Air Temperature +5 °C min

Substrate Temperature +5 °C min

APPLICATION INSTRUCTIONS

MIXING

1-part ready to use - Shake well before use

APPLICATION

Reference must be made to further documentation where applicable, such as relevant method statement ("Corrosion Control using Sika® FerroGard®-300s Duo Hybrid Galvanic Anodes"), application manual and installation or working instructions.

Sika® FerroGard® Duo anodes are installed into pre-drilled 25 mm diameter holes.

After the necessary anode hole preparation, prepare the end of the cartridge, insert into a standard sealant gun and fit the nozzle. Extrude Sika® FerroGard®-300 DuoCrete into the pre-drilled (saturated with water) holes ensuring that it comes into full contact with the sides of the hole and avoiding any air entrapment. Immediately insert a Sika® FerroGard® Duo anode into the mortar ensuring the mortar encapsulates the complete anode.

Once the embedding mortar has hardened sufficiently to prevent any anode movement proceed with connecting feeder wire and temporary power supply.

FURTHER INFORMATION

Method Statement: "Corrosion Control using Sika® FerroGard®-300s Duo Hybrid Galvanic Anodes"

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.

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ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

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.

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