

PRODUCT DATA SHEET

Sika® FerroGard®-500 Crete

ACTIVATING AND EMBEDMENT MORTAR FOR SIKA® FERROGARD® GALVANIC ANODE SYSTEMS

DESCRIPTION

The Sika® FerroGard®-500 Crete is a 1-part, pre-mixed mortar packaged in a sealant cartridge. The Sika® FerroGard®-500 Crete mortar is used in the installation of the galvanic Sika® FerroGard® Patch and Sika® FerroGard® Patch CC anode units. The cure time and physical properties have been designed to simplify installation and optimise performance.

USES

Sika® FerroGard®-500 Crete may only be used by experienced professionals.

- Embedding Sika® FerroGard®500s Patch and Sika® FerroGard®-400s Patch CC anodes
- Sika® FerroGard®-500 Crete optimises the performances of Sika® FerroGard® Patch and Sika® FerroGard® Patch CC anodes

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	Slaked lime, water, inorganic fillers
Packaging	380 ml cartridge, 25 units per box
Appearance / Colour	Light grey paste
Shelf life	12 months from date of production
Storage conditions	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®-500 Crete ▪ Sika® FerroGard®-500s Patch and Sika® FerroGard®-400s Patch CC ▪ Sika® FerroGard® XLPE Coated Titanium Wire (when needed) ▪ 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.

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 (Application of Discrete Galvanic Anode using Sika® FerroGard®-500s Patch or "Corrosion Control using Discrete Galvanic Anodes Sika® FerroGard®-400s Patch CC"), application manual and installation or working instructions.

Sika® FerroGard®-500 Patches or Sika® FerroGard®-400s Patch CC 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®-500 Crete 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®-500s Patch or Sika® FerroGard®-400s Patch CC 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

Sika Method Statement: "Corrosion Control using Discrete Galvanic Anodes Sika® FerroGard®-400s Patch CC" or "Corrosion Control using Sika® FerroGard®-300s Duo Hybrid Galvanic Anodes"

IMPORTANT CONSIDERATIONS

The Sika® FerroGard®-500 Crete must 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

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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Product Data Sheet

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