

PRODUCT DATA SHEET

Sika® FerroGard®-300 DuoCrete

1 Part ready-to-use Activating and Installation Mortar for Sika® FerroGard® Anodes

DESCRIPTION

Sika® FerroGard®-300 DuoCrete mortar is used for the installation of the Sika® FerroGard® 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.

For Sika® FerroGard® hybride anodes, Sika® FerroGard®-300 DuoCrete mortar facilitates activation of the anodes 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® anodes.
- Activates the Sika® FerroGard® Duo hybrid anodes in both applied current and galvanic modes of operation.

CHARACTERISTICS / ADVANTAGES

- 1-part ready to use - eliminates inconsistency associated with on-site mixing of mortars
- Simple installation by silicone cartridge guns - minimal site labour requirement reduces costs
- Specially formulated for anode installation
- Long shelf life

PRODUCT INFORMATION

Chemical Base	Modified lime paste
Packaging	310 ml cartridge: 25 cartridges per box
Appearance / Colour	greyish 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. Do not expose to freezing conditions. Always refer to packaging.

APPLICATION INFORMATION

Consumption	Anodes	min. Vol (ml)	anodes per cartridge
	Sika® FerroGard®-315 Duo	140	2.2
	Sika® FerroGard®-320 Duo	170	1.8
	Sika® FerroGard®-330 Duo	280	1.1
	Sika® FerroGard®-410 Patch CC	100	3.1
	Sika® FerroGard®-415 Patch CC	140	2.2
	Sika® FerroGard®-420 Patch CC	170	1.8
	Sika® FerroGard®-510 Patch	50	6.2
	Sika® FerroGard®-515 Patch	90	3.4
	Sika® FerroGard®-520 Patch	120	2.6

These values are theoretical, real consumptions might be higher due to surface irregularities and other effects.

Ambient Air Temperature +5 °C min

Substrate Temperature +5 °C min

SYSTEM INFORMATION

System Structure	Sika® FerroGard®-300 DuoCrete can be used for embedding of the following anodes: ▪ Sika® FerroGard® 300s Duo ▪ Sika® FerroGard® 400s Patch CC ▪ Sika® FerroGard® 500s Patch
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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.

FURTHER DOCUMENTS

Method Statement - Sika® FerroGard® Duo anodes

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.

APPLICATION INSTRUCTIONS

MIXING

Not required, 1-part ready to use product.

APPLICATION

Reference must be made to further documentation where applicable, such as relevant method statement, application manual and installation or working instructions.

The dimensions of the drill holes for the Sika® FerroGard® anodes depend on type of anode and its size. Please refer to the relevant PDS of the anode for details.

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 holes ensuring that it comes into full contact with the sides of the hole and avoiding any air entrapment. Immediately insert a Sika® FerroGard® 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 eventually a temporary power supply.

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.

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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