

PRODUCT DATA SHEET

SikaPlast®-928 KH

Mid-Range Water Reducing Concrete Admixture

DESCRIPTION

SikaPlast®-928 KH is a newly developed admixture for concrete with mid-range reducing effect. It is concentrated solution based on Synthetic Polymer and utilizing polycarboxylate technology.

USES

- Cost effectiveness required for conventional concrete.
- Where increased workability is required.
- Use in mixes where cement saving is required.
- Especially suitable for concrete containing cement replacements such as PFA (fly ash) or GGBFS (slag).

CHARACTERISTICS / ADVANTAGES

SikaPlast®-928 KH provides the following properties:

- Can be used as an economical low dosage admixture for conventional concrete.
- Improved utilization of cement.
- Improved watertightness and durability
- Equal strengths to control mix with less cement.
- Better improvement for final strength.
- Compensates for slow early strength gain achieved by cement replacements (PFA,GGBFS).
- Increased workability and finishability.
- Longer slump retention.
- SikaPlast®-928 KH contains neither chlorides or other corrosion-inducing substances and can therefore be used without any restrictions for reinforced concrete structures.

APPROVALS / CERTIFICATES

SikaPlast®-928 KH meets the requirements of ASTM C494 Type D.

PRODUCT INFORMATION

Composition	Modified Poly carboxylate in water
Packaging	200Kg/drum - 1000Kg/IBC
Appearance / Colour	Liquid / Brownish colour
Shelf life	Min. 1 year if stored properly in original unopened packaging
Storage conditions	Dry, cool, shaded place (between 5 and 40 celcius degrees)
Density	1.05-1.10 kg/litre. (25° C)
pH-Value	4.5 - 5.50

PRODUCT DATA SHEET

SikaPlast®-928 KH

September 2021, Version 01.01

021301011000004275

APPLICATION INFORMATION

Recommended dosage	0.3 – 0.8 Kg. Per 100kg of cement/binder. Typical dosage: 0.5 – 0.7 Kg. Per 100kg of cement/binder.
Compatibility	SikaPlast®-928 KH may be combined with all Sikament, Sika® Aer, Sika® Pump, Sikacrete® PP1 products, but must be added separately to the mix and not premixed prior its addition. SikaPlast®-928 KH is compatible with all Portland Cement types.
Dispensing	SikaPlast®-928 KH is added to the gauging water prior to its addition to the dry mix or added separately to the wetted concrete mix. For optimum utilization of the ultrahigh range water reducer we recommend a minimum wet mixing time of 60 seconds. When adding the balance of the batching water to adjust concrete consistency this should be done after a minimum of 2/3 of the wet mixing time to avoid surplus water in the concrete.

BASIS OF PRODUCT DATA

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

ECOLOGY, HEALTH AND SAFETY

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

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.

Sika (Cambodia) Ltd.

Legacy Business Center, Building #29
street 245
Sangkat Tuol Tom Pong 2, Khan
Chamkarmorn
12308, Phnom Penh, Cambodia
Tel: +855 23 901 450

SikaPlast-928KH-en-KH-(09-2021)-1-1.pdf

PRODUCT DATA SHEET

SikaPlast®-928 KH
September 2021, Version 01.01
021301011000004275