

PRODUCT DATA SHEET

Sikament[®]-1000 DH

MID-RANGE WATER REDUCING ADMIXTURE WITH EARLY STRENGTH

DESCRIPTION

Sikament[®]-1000 DH is a liquid admixture which is mainly based on naphthalenesulfonic acid with special inorganic additives.
Sikament[®]-1000 DH is used as a mid-range water reducer. It meets the requirement of KS F 2560

USES

Sikament[®]-1000 DH is used for:

- Cold environment
- The production of ready mixed concrete
- Less sensitive to variations in cement and aggregate-types
- The site that needs resistance of freezing & thawing

CHARACTERISTICS / ADVANTAGES

Sikament[®]-1000 DH is suitable for the stated below.

- low environmental temperature
- Relatively reduced mix costs
- Improved durability
- Reduced segregation and bleeding
- Reduced drying shrinkage
- Properties of strength development of concrete at early age

APPROVALS / CERTIFICATES

Conforms to the requirements of KS F 2560
Tables 1 & 2

PRODUCT INFORMATION

Composition	Based on naphthalenesulfonic acid with special inorganic agents
Packaging	200kg/drum, 1,000kg/IBC, Tank lorry/bulk
Appearance / Colour	Blackish brown liquid
Shelf life	12 months from date of manufacture when stored as stated below
Storage conditions	Store in unopened original containers protected from direct sunlight and frost at temperatures between +5°C and +25°C

APPLICATION INFORMATION

Recommended Dosage	0.5~2.0% by weight of binder including cement. Trials are recommended to determine the dose rate for each application.
Compatibility	Do not use Sikament [®] -1000 DH mixed with polycarboxylic acid. Trials are recommended before combining other products
Dispensing	▪ Sikament[®]-1000 DH should not be added to dry cement. ▪ Sikament[®]-1000 DH should be added with the mixing water

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.

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 the exact product data and uses.

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 MSDS 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.

Sika Korea Ltd.

135 gil 16, Nonhyun-ro
Gangnam-ku, Seoul, Korea
Tel : +82 2 6912 1500
Fax: +82 2 6912 1555
web: <http://kor.sika.com>



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