

PRODUCT DATA SHEET

SikaSet® NC

ACCELERATING ADMIXTURE

DESCRIPTION

SikaSet® NC is a chlorine-free liquid accelerator, meets the requirements of ASTM C 494 Type C.

USES

SikaSet® NC is the accelerating admixture suitable for use where high initial strengths are required and the use of chlorides is prohibited.

CHARACTERISTICS / ADVANTAGES

SikaSet® NC can be used to accelerate setting times and improve early strengths where required by the project. SikaSet® NC allows money saving by reducing the times of construction processes.

- Accelerating setting in a wide range of temperatures.
 - Increases initial and final resistances to compression and bending.
 - Costs in steam curing and insulation are reduced.
 - Reduced set times allow the finishing crew to finish faster, reducing labor costs.
 - The rapid formwork increases productivity.
 - The fast gain of resistors allows the early use of the structure.
- SikaSet® NC does not contain chlorides and does not promote corrosion of concrete reinforcing steel.

PRODUCT INFORMATION

Packaging	230 kg drum
Shelf life	One (1) year from its date of production
Storage conditions	Store in a cool place (10°C - 27°C), indoors, free of moisture in its original and tightly sealed packaging. Transport with normal precautions for chemicals.
Density	1,4 kg/l ± 0,05 kg/l
Recommended Dosage	From 1% to 4% of the weight of the cement. Depending on the type of cement it may be necessary to use high doses of admixture, previous tests are recommended to determine the ideal dose for each case. When the dosages are greater than 1.5% adjust the water content of the concrete mixture. Dosages outside the recommended range may be used if special materials such as Sikafume or special work conditions are being used, in such cases contact Sika's technical department.

APPLICATION INSTRUCTIONS

Add the correct amount of SikaSet® NC to the concrete plants. The admixture can be added manually or automatically by adding it directly to the water line of the concrete plant.

IMPORTANT CONSIDERATIONS

When used with other admixture dosage separately. Do not mix with dry cement. Prior evaluations should be conducted to determine the set time and expected early resistance to ambient temperature and specific materials of the concrete. Proper curing practices should be performed to protect concrete especially in extreme environments.

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

Avoid contact with skin and eyes, wear personal protective equipment, gloves and safety goggles. Do not ingest if possible. Use only in ventilated areas.

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>



Product Data Sheet
SikaSet® NC
March 2019, Version 01.01
021402021000000038

SikaSetNC-en-KR-(03-2019)-1-1.pdf

BUILDING TRUST

