



# PRODUCT DATA SHEET

# Sikament<sup>®</sup>-300 N

## HIGH-RANGE WATER REDUCING ADMIXTURE



### PRODUCT DESCRIPTION

Sikament<sup>®</sup>-300 N is a normal setting, high range water reducing, super-plasticizing admixture for concrete.

### WHERE TO USE

- Sikament<sup>®</sup>-300 N is formulated to produce stronger, more durable concrete. As a super-plasticizer, Sikament<sup>®</sup>-300 N may be added with the normal amount of water to produce flowing concrete.
- When used as a high range water reducer, Sikament<sup>®</sup>-300 N will reduce water requirements up to 30%, increasing concrete compressive strengths at all ages. Alternatively, it can be used to achieve a combination of these characteristics.

### CHARACTERISTICS / ADVANTAGES

- Jobsite control of slump without the addition of water.
- Higher, early and ultimate strengths.
- Improved workability with no loss in strength.
- Improved cohesiveness and reduced segregation.
- Higher strengths may be achieved more economically.
- Lower permeability and greater durability.
- Easier concrete placement in difficult to access and heavily reinforced areas.
- Reduces shrinkage and creep.
- Yields higher modulus of rupture.

### APPROVALS / CERTIFICATES

Conforms to ASTM C494, Type F standards.

### PRODUCT INFORMATION

<b>CSC MasterFormat<sup>®</sup></b>	<b>03 05 00</b>
<b>Packaging</b>	205 L (54 US gal.) drums 1040 L (275 US gal.) IBC container Bulk delivery
<b>Shelf Life</b>	1 year when stored in dry warehouse conditions between 5-27°C (40-80°F).
<b>Storage Conditions</b>	Store at above 5°C (40°F). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.
<b>Appearance / Colour</b>	Dark brown liquid
<b>Specific Gravity</b>	Approx.1.2

# APPLICATION INFORMATION

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## Recommended Dosage

Sikament®-300 N is normally added to the concrete at a rate of 350-1000 mL/100 kg (5.5-15.5 fl.oz. per 100 lbs) weight of cementitious material. Performance assurance testing should be conducted to determine the optimum dosage.

## Mixing

Sikament®-300 N should be dispensed separately from the other admixtures, preferably after all of the materials have been charged into the mixer.

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## Mixing

Use personal protective equipment (chemical resistant goggles/gloves/clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.

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## BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

## ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

## 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: [www.sika.ca](http://www.sika.ca)

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### Other locations

Boisbriand (Quebec)  
Brantford; Cambridge;  
Sudbury; Toronto (Ontario)  
Edmonton (Alberta)  
Surrey (British Columbia)

### Product Data Sheet

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