



PRODUCT DATA SHEET

SikaMix® NP

COMPACTING-AID FOR DRY-CAST CONCRETE

PRODUCT DESCRIPTION

SikaMix® NP is a new generation, synthetically manufactured, admixture for low and no slump concrete mixes. SikaMix® NP is a scientifically formulated blend of a nonionic surfactant, and a plasticizing and dispersing agent which lubricates low and no (zero) slump concrete mixes utilized in block, (dry cast) concrete products, and pipe production. The lubrication quality of SikaMix® NP improves cohesiveness, strengths, uniformity, and compaction in non-plastic concrete resulting in a reduction of breakage or chipping.

WHERE TO USE

SikaMix® NP is recommended for use in all types of low and no (zero) slump concrete including light-weight and normal concrete block, concrete products and pipe production.

CHARACTERISTICS / ADVANTAGES

SikaMix® NP is an integral concrete densifying admixture that acts as a cement dispersant and enhances the unit water content.

- Machine productivity will be increased by more rapid filling of form and mold boxes.
- The internal lubricating properties of SikaMix® NP reduce the wear on machinery and extends machine life. (Surface swipe will be more pronounced.)
- Moisture absorption rates will be reduced.
- Lighter colours will maintain a more uniform, consistent shade and general product appearance will be improved.
- Edges on pipe and block will be sharper, more defined and less likely to chip.

SikaMix® NP contains no calcium chloride or any other intentionally added chloride containing ingredients. It will not initiate or promote the corrosion of steel in contact with the concrete.

PRODUCT INFORMATION

CSC MasterFormat®

03 05 00

Packaging

205 L (54 US gal.) drums
1040 L (275 US gal.) IBC
Bulk delivery

Shelf Life

1 year in original, unopened packaging

Storage Conditions

Store dry between 10-27°C (50-80°F). If frozen, thaw and agitate thoroughly and return to normal state before use.

SikaMix® NP is an aqueous suspension. If settling occurs, the material may be restored to its original condition by agitating thoroughly.

Appearance / Colour Clear liquid

Specific Gravity Approx. 1.0

APPLICATION INFORMATION

Recommended Dosage

The recommended dosage range for SikaMix® NP is 130 to 390 mL/100 kg (2-6 fl.oz./100 lbs.) of cementitious material.

It is suggested that trial mixes be conducted in order to determine the required dosage for optimum performance with your concrete components.

Mixing

SikaMix® NP should be added after the cement and aggregates have been moistened for optimum dispersion and performance. SikaMix® NP is compatible with other Sika® admixtures. However, each admixture should be added separately to the mix.

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

Sika Canada Inc.

Head Office
601, avenue Delmar
Pointe-Claire, Quebec
H9R 4A9
1-800-933-SIKA
www.sika.ca

Other locations

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

Product Data Sheet

SikaMix® NP
September 2023, Version 01.01
02140406100000098