PRODUCT DATA SHEET
SikaMix® NCA

NON-CHLORIDE ACCELERATING ADMIXTURE

PRODUCT DESCRIPTION
SikaMix® NCA is a non-chloride, hardening, strength enhancing, set time accelerating admixture for use in various concrete applications. This innovative admixture has been specially developed to enhance the early strength and setting characteristics of fresh concrete. SikaMix® NCA meets the requirements of ASTM C-494 Type C – accelerating admixture.

USES
SikaMix® NCA is recommended to use whenever high early strength and early set is required. SikaMix® NCA was designed to improve concrete hardening and accelerate set times without major impact on overall workability, which can be an important factor in ready mix concrete applications. SikaMix® NCA is suitable for use in a variety of concrete applications such as:
- Dry Cast applications such as blocks, pavers, pipes & hollow core
- Wet Cast applications such as precast/prestress & ready-mix

CHARACTERISTICS / ADVANTAGES
Use of accelerating/hardening admixture offers substantial benefits to the concrete user and producer. SikaMix® NCA may be used to:
- Accelerate time of setting, increase early age compressive strength gain, and improve early age hardness of concrete
- Reduce cost of heating and need for insulation
- Achieve faster finish to allow for labor savings
- Achieve faster form turnaround
- Hardening effect allows to increase use of supplementary cementitious materials
- Reduction in edge breakage

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Packaging</th>
<th>SikaMix® NCA is available in 55 gallon drums (208 liter), 275 gallon totes (1040 liters) and bulk delivery.</th>
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<tbody>
<tr>
<td>Appearance / Color</td>
<td>Yellowish liquid</td>
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<tr>
<td>Shelf Life</td>
<td>Shelf life when stored in dry warehouse conditions between 32 °F and 80 °F (0–27 °C) is 1 year.</td>
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<td>Storage Conditions</td>
<td>SikaMix® NCA should be stored at above 32 °F (0 °C). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.</td>
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Specific Gravity
Approx. 1.3

APPLICATION INFORMATION

Recommended Dosage

Dry Cast Applications: In order to accelerate set time and strength gain a dosage rate of 6–24 fl.oz per 100 lbs. (385–1540 ml/100 kg) of cementitious materials is recommended.

Wet Cast Applications: To accelerate set time and strength gain a dosage rate of 10–45 fl.oz. per 100 lbs. (650–2940 ml/100 kg) of cementitious materials is recommended.

When using 16 fl.oz./100 lbs. or more, adjust mixing water accordingly. SikaMix® NCA does not contain calcium chloride or any other intentionally added chlorides and will not initiate or promote the corrosion of steel members present in concrete. When SikaMix® NCA is used to protect concrete from freezing, dosage will vary with different brands of cement and ambient temperatures and higher dosages may be necessary. Sika recommends that trial mixes be performed to determine the most efficient dosage.

Dosage rates outside the recommended range may be used where specialized materials such as microsilica are specified, extreme ambient conditions are encountered or unusual project conditions require special consideration. In this case please contact your local Sika representative office or Sika technical service department at 1-800-933-4752 for further information.

Mixing

The admixture may be added manually or by automated dispenser directly into the sand or into the water line at the batch plant. When used in combination with other admixtures care must be taken to dispense each admixture separately into the mix.

Do not mix with dry cement.

Combination with Other Admixtures: SikaMix® NCA is highly effective as a single admixture or in combination with other Sika admixtures.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to
meet the technical properties on the current Product Data Sheet if used as directed within the product’s shelf life. User determines suitability of product for intended use and assumes all risks. User’s and/or buyer’s sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at https://usa.sika.com/en/group/SikaCorp/termsandconditions.html or by calling 1-800-933-7452.

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