

PRODUCT DATA SHEET

SikaMix® HC-300

Plasticizing Admixture

PRODUCT DESCRIPTION

SikaMix® HC-300 is a specially formulated plasticizing admixture for drycast concrete application. SikaMix® HC-300 provides significantly improved cement dispersion. This results in increased compressive and flexural strengths, faster production rates and improved surface finish characteristics.

USES

SikaMix® HC-300 is recommended for use in all drycast concrete applications including, concrete blocks, pavers, segmental retaining walls, pipes, hollow core slabs and other drycast elements.

CHARACTERISTICS / ADVANTAGES

- Increases the density of concrete products.
- Reduces water absorption.
- Increases the durability of concrete.
- Increases efficiency of dispersion and distribution of cement, additives and pigments.
- Reduces variations in density and strength across the area of the concrete mold.
- Improves early and final strength of concrete.
- Improves texture, smoothness and surface finish of concrete.
- Increases machine productivity by enabling rapid filling of form and mold boxes.
- Extends life of molds, minimized friction between the mold and the concrete.

PRODUCT INFORMATION

Packaging	SikaMix® HC-300 is available in 55 gallon drums (208 liters), 275 gallon totes (1040 liters) and bulk delivery.
Appearance / Color	Dark Green Liquid
Shelf Life	Shelf life when stored in dry warehouse conditions between 40 °F and 80 °F (5–27 °C) is 12 months. Protect from direct sunlight.
Storage Conditions	SikaMix® HC-300 should be stored at above 40 °F (5 °C). If frozen, thaw and agitate thoroughly to return to normal state.
Specific Gravity	Approx. 1.05

APPLICATION INFORMATION

Recommended Dosage	Dosage rates will vary according to materials used, ambient conditions and the requirements of the concrete. Sika recommends dosage at 2–10 fl. oz. per 100 lbs. (130–650 ml/100 kg) of cementitious materials for drycast concrete applications. Dosage rates outside the recommended range may be used
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where specialized materials are specified, extreme ambient conditions are encountered or unusual project conditions require special consideration. In this case please contact your local regional office or technical service department at 1-800-933-7452 for further information.

Mixing

SikaMix® HC-300 can be added with the batching water or introduced at the end of the mixing process. The concrete must be mixed for sufficient time to enable the uniform distribution of the admixture throughout the concrete. Do not introduce SikaMix® HC-300 up front, or directly onto dry cementitious materials, as this may reduce admixture performance.

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.**

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Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



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