

PRODUCT DATA SHEET

SikaMix® PL-200

PLASTICIZING ADMIXTURE WITH INTEGRATED COMPACTION AID

PRODUCT DESCRIPTION

SikaMix® PL-200 is a specially formulated liquid admixture for drycast concrete application. SikaMix® PL-200 provides benefits of quicker wetting and enhanced cement dispersion. This allows superior cement utilization and significantly improved concrete compaction that lead to an increased concrete density, improved compressive strength and enhanced surface finish characteristics.

In addition use of SikaMix® PL-200 reduces concrete stickiness, especially in concrete with a higher w/c ratio or elevated concrete moisture content. This results in improved and more consistent mold filling with less density fluctuations and faster production rates.

USES

SikaMix® PL-200 is recommended for use in all drycast concrete applications including concrete blocks, pavers, segmental retaining walls, pipes, hollow core slabs, concrete roof tile and other drycast elements.

CHARACTERISTICS / ADVANTAGES

- Increases the density of concrete products.
- Improves early and final strength of concrete.
- Provides superior strength gain and faster curing at all ages.
- Improves texture, smoothness and surface finish of concrete with slight swipe.
- Cement reduction or higher cement replacement is possible when SikaMix® PL-200 is used in the concrete mix.
- Increases the durability of concrete.
- Increases efficiency of dispersion and distribution of cement, additives and pigments.
- Increases machine production by enabling faster mold and feed box filling.
- Extends life of molds with minimized friction between the mold and the concrete.
- Fewer quality variations and consequently less second grade products.

PRODUCT INFORMATION

Packaging	SikaMix® PL-200 is available in 55 gallon drum (208 liter), 275 gallon totes (1040 liters) and bulk delivery.
Appearance / Color	Clear Liquid
Shelf Life	Shelf life when stored in dry warehouse conditions between 40°F and 80°F (5°C to 27°C) is one year.
Storage Conditions	SikaMix® PL-200 should be protected from freezing and stored above 40°F (5°C). If frozen, thaw and agitate thoroughly before use.
Specific Gravity	Approx 1.06

APPLICATION INFORMATION

Recommended Dosage

SikaMix® PL-200 dosage rates will vary according to materials used, ambient conditions and the requirements of the concrete. Sika recommends dosage between 2–8 fl. oz. per 100 lbs. (130–520 ml/100 kg) of cementitious materials for drycast concrete applications. Dosage rates outside the recommended range may be used 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® PL-200 can be added after the batching water or introduced at the end of the mixing cycle. Concrete must be mixed for sufficient time to enable uniform distribution of the admixture throughout the concrete. Do not introduce SikaMix® PL-200 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, users should refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product. In case of 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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