BUILDING TRUST

PRODUCT DATA SHEET

SikaMix® PL-200

PLASTICIZING ADMIXTURE WITH INTEGRATED COMPACTION AID

PRODUCT DESCRIPTION

SikaMix® PL-200 is a blend of water reducing polymers with surfactant agents used as a plasticizing and compaction aid in the manufacture of drycast concrete products.

USES

SikaMix® PL-200 is a compaction aid admixture for use in drycast concrete products, and is effective in concrete containing Portland Limestone Cement (PLC/Type IL) and supplementary cementitious materials.

SikaMix® PL-200 is not recommended for use in the manufacture of wetcast concrete.

CHARACTERISTICS / ADVANTAGES

SikaMix® PL-200 is an integral concrete compaction aid admixture that acts as a cement dispersant and reduces water demand. It allows the use of cement reduction or replacement with supplementary cementitious materials while maintaining similar strengths and workability.

SikaMix® PL-200 also results in:

- Increased efficiency of dispersion and distribution of cement, additives and pigments,
- Improved compaction, concrete density development, and durability,
- Improved early and final strength,
- Sharper, more defined edges that are less likely to chip,
- Reduced breakage and culls,
- Reduced wear and extended mold and machine life due to internal lubricating properties,
- Reduced need for higher curing temperatures to maintain early strength.

SikaMix® PL-200 does not contain intentionally added chlorides

ENVIRONMENTAL INFORMATION

For further information, please visit:
https://usa.sika.com/en/sustainability.html

PRODUCT INFORMATION

Packaging	Available in 5-gallon (20-liter) pails, 55-gallon (208-liter) drums, 275-gallon (1040-liter) totes and bulk delivery.
Appearance / Color	Clear to Turbid Liquid
Shelf Life	Shelf life when stored in original packaging in dry warehouse conditions between 40°F and 80°F (5-27°C) is one year from the date of manufacture.
Storage Conditions	SikaMix® PL-200 should be stored above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to a normal state. Protect from direct sunlight.
Specific gravity	Approx. 1.062

APPLICATION INFORMATION

Recommended Dosage	The typical dosage rate of SikaMix® PL-200 will vary between 2-8 fl oz / 100 lb. (130-520 mL / 100 kg) of cement or cementitious materials. Trial mixes with the actual materials should be conducted to determine the required dosage for optimum performance. To the extent specialized materials are used, extreme ambient temperatures are encountered, or for other unusual project conditions, dosage rates outside the typical range may be required. For dosage rates outside the typical range, please contact your local Sika representative or the Sika Technical Services Department at 1-800-933-7452.
Mixing	As SikaMix® PL-200 is a low dosed admixture, and since the majority of drycast concrete will have a very low water cement ratio and/or moisture content, it is necessary to provide sufficient mixing time to allow the admixture to be distributed throughout the entire batch and provide uniform performance. The actual time depends on individual circumstances and should be determined by trials. Measure the required quantity manually or by automated dispenser. Add SikaMix® PL-200 with the batching water or at the end of the mixing process. Do NOT mix SikaMix® PL-200 up front or directly with dry cementitious materials. When used in combination with other admixtures dispense each admixture separately into the mix. **Compatibility**: SikaMix® PL-200 can be used in combination with other Sika admixtures and can be successfully used in mix designs utilizing supplementary cementitious materials.

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.

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/about-us/terms-conditions-of-sale.html or by calling 1-800-933-7452.

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