



## PRODUCT DATA SHEET

# SikaMix® PL-200

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### PLASTICIZING ADMIXTURE WITH INTEGRATED COMPACTION AID

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#### 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.

#### WHERE TO USE

SikaMix® PL-200 is recommended for use in all drycast concrete applications such as:

- Concrete blocks and 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

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<b>Packaging</b>	208 L drum (55 US gal.) 1040 L (275 US gal.) IBC Bulk delivery
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<b>Appearance / Colour</b>	Blue Liquid
<b>Shelf Life</b>	One (1) year when stored in dry warehouse conditions at temperatures ranging between 5 and 27 °C (40 and 80 °F).
<b>Storage Conditions</b>	Protect from freezing and store above 5 °C (40 °F). If frozen, thaw and agitate thoroughly before use.
<b>Specific Gravity</b>	~ 1.07
<b>CSC MasterFormat®</b>	<b>03 05 00</b>

## APPLICATION INFORMATION

<b>Recommended Dosage</b>	<p>SikaMix® PL-200 dosage rates will vary according to materials used, ambient conditions and the requirements of the concrete. Sika recommends dosage between 130 – 520 mL/100 kg (2–8 fl. oz. per 100 lbs.) of cementitious materials for drycast concrete applications.</p> <p>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, contact your Sika Canada Technical Sales Representative for further information.</p> <p><b>MIXING</b></p> <p>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.</p>
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## 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.

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## 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](http://www.sika.ca)

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