



PRODUCT DATA SHEET

SikaMix[®]-512

ADMIXTURE FOR ZERO SLUMP AND SLIP-FORM CONCRETE



PRODUCT DESCRIPTION

SikaMix[®]-512 is a ready-to-use, water reducing concrete admixture for extruded concrete such as hollocore, curb and gutters. It greatly facilitate the extrusion process while improving the overall appearance of the concrete surfaces.

Extruded concretes formulated with SikaMix[®]-512 exhibit a higher degree of compaction leading to a greater durability.

WHERE TO USE

SikaMix[®]-512 can be utilized in application where zero-slump concrete are used and smooth surface finish is required including: hollocore planks, concrete pipes, utility precast products and extruded curb and gutters.

CHARACTERISTICS / ADVANTAGES

- No chlorides
- Non-corrosive
- Improved surface finish
- Reduces shrinkage
- Improves strength
- Reduces permeability
- Optimizes cement usage

ENVIRONMENTAL INFORMATION

- Conformity with LEED[®]v4 MR Credit (Option 1): Building Product Disclosure and Optimization – Environmental Product Declarations (Product-Specific, Type III EPD)

PRODUCT INFORMATION

CSC MasterFormat[®]	03 05 00
Packaging	205 L (54 US gal.) drum 1040 L (275 US gal.) Bulk delivery
Shelf Life	1 year when stored in dry warehouse conditions at temperatures ranging between +4 °C and +27 °C (40 °F and 80 °F).
Storage Conditions	Store at temperatures above +4 °C (40 °F). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.
Appearance / Colour	Liquid / Brown
Specific Gravity	Approx 1.2

APPLICATION INFORMATION

Recommended Dosage

The recommended dosage range for SikaMix®-512 is 200-1300 mL/100 kg (3-20 fl.oz./100 lb) of cementitious material. It is suggested that trial batches be conducted in order to determine the required dosage for optimum performance with your concrete components. Please contact your Sika Canada Technical Sales Representative for further information.

Mixing

SikaMix®-512 can be dispensed prior to — or with the total batched water. SikaMix®-512 is compatible with other Sika® admixtures. However, each admixture should be added separately to the mix.

Caution: SikaMix®-512 contains air entraining agents and could entrain unwanted air. Please contact your Sika Canada Technical Sales Representative if an air void system is undesirable.

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.

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

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Product Data Sheet

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