

## Sikamix 512 (Formerly Vibroplex 512)

### Admixture for Zero Slump and Slip-Form Concrete

**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.

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

**Typical Data**

<b>Packaging</b>	205 L (54 US gal.) drum 1040 L (275 US gal.) IBC Bulk delivery
<b>Colour and Form</b>	Brown liquid
<b>Shelf Life and Storage</b>	1 year when stored in dry warehouse conditions between 5 - 27°C (40 - 80°F). Store at above 5°C (40°F). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.
<b>Properties</b>	
<b>Specific Gravity</b>	Approx 1.2

**How to Use**

**Dosage** The recommended dosage range for Sikamix 512 is 200- 1300 mL/100 kg 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.

**Clean Up** Use personal protective equipment (chemical resistant goggles/gloves/clothing). Without direct contact, remove spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable environmental regulations.



# Construction

## Health and Safety Information

For information and advice on the safe handling, storage and disposal of chemical products, users should refer to the **most recent Material Safety Data Sheet** containing physical, ecological, toxicological and other safety-related data.

KEEP OUT OF REACH OF CHILDREN  
FOR INDUSTRIAL USE ONLY

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, within their shelf life. 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 proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Product Data Sheet for the product concerned, copies of which will be supplied on request or can be accessed in the Internet under [www.sika.ca](http://www.sika.ca).



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