

# Sikamix BF3 *(Formerly Vibroplex BF3)*

## Plasticizer and Compacting Aid for Concrete Block and Pavers

**Description** Sikamix BF3 is a specially formulated admixture designed to increase strength and shorten curing time for concrete block and pavers. Sikamix BF3 is a ready-to-use liquid admixture that produces a plasticizing effect by reducing the surface tension of the mixing water, allowing quicker wetting and more complete dispersion of the cement particles.

Sikamix BF3 is recommended for use in all sizes of light-weight, medium-weight and heavy-weight concrete block. Sikamix BF3 is also recommended for use in pavers, retaining walls and concrete pipe.

**Where to Use** Sikamix BF3 is recommended for all sizes of light-weight, medium-weight, and heavy-weight block, where zero or low slump concrete is required. Sikamix BF3 is also recommended for concrete pipe, pavers and retaining wall units.

- Advantages**
- Sikamix BF3 provides superior strength gain and faster curing at all ages.
  - In most cases, a reduction in cement is possible when Sikamix BF3 is used in the concrete block or paver mix.
  - Sikamix BF3 will produce a block that has a more uniform texture and color.
  - Block containing Sikamix BF3 reduces wear and tear on mold-box liners and machine parts, while enabling a faster cycling time of the molding machine.
  - Concrete block containing Sikamix BF3 will have sharper and more defined edges and corners, with less chipping.
  - Sikamix BF3 increases the density of block and pavers, thus increasing durability and lowering the rate of absorption.

Typical Data	
<b>Packaging</b>	205 L (54 US gal.) drum 1040 L (275 US gal.) IBC Bulk delivery
<b>Colour and Form</b>	Clear 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 1.19

### How to Use

**Dosage** The recommended dosage range for Sikamix BF3 is 130 - 520 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. Contact your Sika Canada Technical Sales Representative for further information.

**Mixing** Sikamix BF3 should be added to the concrete block or paver mix with the initial batched water in order to maximize the dispersion in the cementitious matrix.

**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).



**Sika Canada Inc.**  
Head Office  
601 Delmar Avenue  
Pointe-Claire, Quebec  
H9R 4A9

Other locations  
**Toronto**  
**Edmonton**  
**Vancouver**

**1-800-933-SIKA**  
**[www.sika.ca](http://www.sika.ca)**

An ISO 9001 certified company  
Pointe-Claire: ISO 14001 certified EMS