



# Lakeland Chemical LLC

Take Control Of Your Resources

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## LK 100

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### Description

LK 100 is a unique chemistry that improves cement and pigment efficiency while providing water repellency and efflorescence control. LK 100 is commonly used with PL 114 and Block Enhancer admixture in integrally colored concrete masonry products.

### Applications

#### Recommended for use in :

Concrete Block  
Segmental Retaining Wall units  
Paving Stones  
Concrete Roof Tile  
Dry-Cast Concrete Pipe  
Hollow Core Plank

### Efflorescence Control

#### Features

- Efflorescence Control
- Water Repellency
- Color Enhancement
- Strength Enhancing

#### Benefits

- Decreases migration of soluble materials that cause efflorescence
- Improved appearance
- Decreases abruption rates
- Reduces freeze thaw effects
- Potential cement reduction
- Potential for dye loading reduction
- Increases overall profitability

#### Guidelines for Use

**Dosage:** The recommended dosage range for LK 100 admixture is 6-18 fl oz/cwt (177-532 mL/100kg). For concrete masonry applications, the typical dosage rate is 8-18 oz/cwt (130-532 mL/100 kg). Please consult your Lakeland Chemical sales representative if dosages outside of the listed ranges are being considered.

**Mixing:** For maximum efficiency, add LK 100 with the pre-wet. Allow at least 90 seconds after the LK 100 has been dispensed before ending the mixing cycle. When using LK 100 as part of an admixture system it should be used as the primary admixture and added to the mix at the end with a minimum of 90 seconds of final mixing.

#### Handling and Storage

**Storage Temperature:** If LK 100 admixture freezes, thaw at 35°F (2°C) or above and completely reconstitute by mild mechanical agitation.

**Do not use pressurized air for agitation.**

**Shelf Life:** LK 100 has a minimum shelf life of 12 months. Depending on conditions, the shelf life may be greater. Please contact you Lakeland Chemical representative if the shelf life has been exceeded.

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# Product Data: LK 100

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## Packaging

LK 100 admixture is available in 55 gal (208 L) drums, 264 gal ( 999 L) totes and bulk delivery.

## Related Documents

Material Safety Data Sheets: LK 100

## Additional Information

For additional information consult your Lakeland Chemical representative.

The admixtures of Lakeland Chemical are cutting edge products specially designed for use in dry cast products, manufactured concrete products, ready mix, pre-cast, underground construction and paving markets throughout the North American Region. Lakeland product lines are used to improve placing, finishing, appearance, pumping and performance characteristics of concrete.

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