

# SikaMix<sup>®</sup> PL-100, HC-300

## COMPACTION CONTROL ADMIXTURES

Use SikaMix<sup>®</sup> Compaction Control Admixtures to improve concrete compaction and density, which has a positive effect on water absorption and overall concrete product durability.

### Benefits include:

- Better cement dispersion
- Improved compressive strength
- Improved surface appearance
- Reduced production cycle

SikaMix<sup>®</sup> compaction control products deliver all these benefits at the same or shorter compaction time, resulting in higher production volume, lower cost/unit, and higher efficiency and customer profit.

**Use:**  
SikaMix<sup>®</sup> compaction control admixtures should be used in the production of concrete masonry units, pavers, segmental retaining walls, concrete roof tiles, pipes, hollow core slabs and other dry cast elements.



Customer Needs	SikaMix <sup>®</sup> PL-100	SikaMix <sup>®</sup> HC-300
Concrete Texture	SWIPE	NO SWIPE
Improved Concrete Compaction	■ ■	■ ■ ■
Improved Cement Dispersion	■ ■	■ ■ ■
Improved Early and Final Compressive Strength	■ ■	■ ■ ■
Improved Material Flow	■ ■ ■	■ ■
Enhanced Pigment Dispersion	■ ■ ■	■ ■ ■
Faster Production Rates	■ ■ ■	■ ■
Extended Form/Mold Life	■ ■ ■	■ ■
Optimized Cement Content	■ ■	■ ■ ■
Reduced Cost Per Unit	■ ■	■ ■ ■
Typical Dosage (fl. oz./100)	<b>4.0 - 6.0</b>	<b>4.0 - 8.0</b>

# SikaMix<sup>®</sup> AE-3, AE-6, W-10

## WATER REPELLENCY AND EFFLORESCENCE CONTROL ADMIXTURES

Use SikaMix<sup>®</sup> Water Repellency and Efflorescence Control Admixtures to protect concrete against water and efflorescence. Water repellency is significantly improved with SikaMix<sup>®</sup> admixtures.

### Benefits include:

- Improved color vibrancy
- Pigment efficiency
- Improved color fastness
- Freeze thaw durability

**Use:** SikaMix<sup>®</sup> water repellency and efflorescence control admixtures should be used in the production of concrete masonry units, pavers, segmental retaining walls, concrete roof tiles, and other dry cast elements.

For concrete masonry unit producers, Sika<sup>®</sup> has a Water Repellency Certification program.



Customer Needs	SikaMix <sup>®</sup> AE-3	SikaMix <sup>®</sup> AE-6	SikaMix <sup>®</sup> W-10
Reduced Water Absorption	■ ■ ■	■ ■ ■	■ ■
Improved Water Repellency	■ ■ ■	■ ■ ■	■ ■
Reduced Efflorescence	■ ■ ■	■ ■	■
Improved Color Vibrancy	■ ■ ■	■ ■ ■	■ ■
Improved Freeze Thaw Durability	■ ■ ■	■ ■	■ ■
Potential Pigment Reduction	■ ■ ■	■ ■ ■	■ ■
Reduced Cost Per Unit	■ ■	■ ■ ■	■
Typical Dosage (fl. oz./100)	<b>2.0 - 5.0</b>	<b>3.5 - 8.0</b>	<b>15 - 30</b>

## FOR MORE INFORMATION:

Contact Sika Team 800 933 7452 ■ Website [usa.sika.com](http://usa.sika.com)

For up to date and accurate information please consult the current Product Data Sheets at [usa.sika.com](http://usa.sika.com)

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