

Sikamix® PL-90

Description	Sikamix PL-90 is a blend of surfactants in an aqueous solution used in the manufacturing of dry-cast concrete products.
Applications	Sikamix PL-90 is recommended for use in all production sizes of concrete block and pipe manufactured by dry-cast or packer-head methods.
Advantages	<p>Sikamix PL-90 is an integral concrete densifying admixture that acts as a cement dispersant and enhances the unit water content.</p> <ul style="list-style-type: none">■ Machine productivity will be increased by more rapid filling of form and mold boxes.■ The internal lubricating properties of Sikamix PL-90 reduce the wear on machinery and extend machine life.■ Moisture absorption rates will be reduced.■ Lighter colors will maintain a more uniform, consistent shade and general product appearance will be improved.■ Edges on pipe and block will be sharper, more defined and less likely to chip.■ Speeds production and enhances product appearance. <p>Sikamix PL-90 contains no calcium chloride or any other intentionally added chloride containing ingredients. It will not initiate or promote the corrosion of steel in contact with the concrete.</p>
How to Use	
Dosage	<p>Sikamix PL-90 is recommended for use at a dosage rate of 2-6 fl. oz. per 100 lbs. (130-390 ml/100 kg) of cement.</p> <p>Sikamix PL-90 is not recommended for use in the manufacturing of high-slump or wet-cast concrete pipe.</p>
Mixing	<p>Add the correct amount of Sikamix PL-90 at the batch plant. Add manually or by automated dispenser into the water line. Do not mix with dry cement.</p> <p>Compatibility with cement and admixtures: Sikamix PL-90 is compatible with all cements manufactured to ASTM Specifications and with most silica fume and fly ash.</p>

Packaging	Sikamix PL-90 is available in 55 gallon (208 liter) drums, 275 gallon (1041 liter) totes and bulk.
Storage and Shelf Life	Sikamix PL-90 is an aqueous suspension. If settling occurs, the material may be restored to its original condition by agitating thoroughly. Sika PL-90 should be stored at above 40°F (5°C). If frozen, thaw and agitate thoroughly and return to normal state before use. Shelf life when stored in dry warehouse conditions between 50°F and 80°F (10°C to 27°C) is one year.
Typical Data	
Appearance	Clear liquid.
Specific Gravity	Approx. 1.0
Caution	Skin and eye irritant; avoid contact. The use of NIOSH approved respirator, safety goggles and rubber gloves is recommended. Avoid breathing product. Use with adequate ventilation. Remove contaminated clothing.
Handling and Storage	Avoid direct contact. Wear personal protective equipment (chemical resistant goggles/gloves/clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Wash thoroughly with soap and water after use. Remove contaminated clothing and launder before reuse.
First Aid	Eyes: Hold eyelids apart and flush thoroughly with water for 15 minutes. Skin: Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. Inhalation: Remove person to fresh air. Ingestion: Do not induce vomiting. Dilute with water. Contact a physician. In all cases, contact a physician immediately if symptoms persist.
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.

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

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Quality Certification Numbers: Lyndhurst: FM 69711 (ISO 9000), FM 70421 (QS 9000), Marion: FM 69715, Kansas City: FM 69107, Santa Fe Springs: FM 69408

