

**Product Data Sheet**  
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Sika Air-360

# Sika® AIR-360

## Air Entraining Admixture

<b>Description</b>	Sika AIR-360 is an aqueous solution of a unique, synthetically manufactured surfactant for the air entrainment of concrete. Sika AIR-360 meets or exceeds the requirements of ASTM C 260 and AASHTO M 154.
<b>Applications</b>	Sika AIR-360 increases concrete's durability, making it more resistant to the damaging effects of freezing and thawing, while improving workability and reducing bleeding.
<b>Advantages</b>	<p>Sika AIR-360 is specifically designed for low or no slump concrete. It allows for air entrainment in low slump concrete mixes.</p> <ul style="list-style-type: none"><li>■ Improves resistance to freeze thaw cycles and scaling.</li><li>■ Improves workability.</li><li>■ Reduces bleeding.</li><li>■ Reduces size and number of capillary channels increasing impermeability.</li><li>■ Substantially increases durability.</li><li>■ Increases moisture retention for cement hydration.</li><li>■ Improves air void system.</li></ul>
<b>How to Use</b>	
<b>Dosage</b>	<p>The recommended dosage range for Sika AIR-360 is 0.1 to 6.0 ounces per 100 lbs. (7 to 400 ml/100kg) of cementitious material. Various concrete materials, slump, ambient air temperature, additions of pozzolanic materials, mixing time, and type and brand of cement will affect dosage rates.</p> <p>It is suggested that trial mixes be conducted in order to determine the optimum dosage to obtain the required percentage of entrained air. In addition, a regular air test should be performed in order to adjust the dosage to changing conditions. Please consult your local Sika Representative for more information and assistance.</p>
<b>Mixing</b>	<p>Measure the required quantity per batch manually or with automatic dispenser equipment. Add Sika AIR-360 to mixing water or sand. Do not mix with dry cement or other cementitious materials. When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix.</p> <p><b>Combination with other Admixtures:</b></p> <p>Combination with other admixtures, may affect the amount of entrained air in the mix. If multiple admixtures are used, actual air content should be verified as per applicable ASTM standards to ensure desired level of air entrainment is achieved. Sika Air-360 is compatible with other Sika admixtures. All admixtures must be added to the concrete mix separately.</p>
<b>Packaging</b>	Sika AIR-360 is available in 55 gallon drum (208 liter), 275 gallon totes (1040 liters) drums and bulk delivery.
<b>Storage and Shelf Life</b>	<p>Sika AIR-360 should be stored at above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to normal state before use.</p> <p>Shelf life when stored in original packaging in dry warehouse conditions between 50°F and 80°F (10°C - 27°C) is 1 year.</p>

Construction



**Sika**®

## Typical Data

<b>Appearance</b>	Light Yellow Liquid.
<b>Specific Gravity</b>	Approx. 1.01
<b>Caution</b>	<b>WARNING: IRRITANT.</b> Contains Sulfonic-acids,-C14-16-alkane-hydroxy-and-C14-16-alkene, -sodium-salts (CAS: 68439-57-6). Causes eye irritation. May cause skin/respiratory tract irritation. May cause gastrointestinal disturbance if swallowed.
<b>Handling and Storage</b>	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. Open doors and windows during use. Use a properly fitted NIOSH respirator if ventilation is poor. Wash thoroughly with soap and water after use. Remove contaminated clothing and laundry before reuse.
<b>First Aid</b>	<b>Eyes</b> – Hold eyelids apart and flush thoroughly with water for 15 minutes. <b>Skin</b> – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. <b>Inhalation</b> – Remove to fresh air. <b>Ingestion</b> – Do not induce vomiting. Dilute with water. Contact physician. <b>In all cases contact a physician immediately if symptoms persist.</b>
<b>Clean Up</b>	Use personal protective equipment (chemical resistant gloves/ goggles/clothing). Without direct contact, sweep up spilled or excess product and place in suitable sealed container. Dispose of excess product and container in accordance with applicable local, state, and federal 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

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