

## Sika® AER<sup>CA</sup>

### Vinsol® Resin-Based Air Entraining Admixture for Exposed Concrete

**Description** Sika® AER<sup>CA</sup> is a Vinsol® resin-based air entraining admixture, designed for use with freeze/ thaw exposed concrete in marine or de-icing salt conditions.

**Where to Use** Recommended for all normal, low and very low slump concrete exposed to freeze-thaw in the the presence of de-icing salts or sea water.

- Advantages**
- Entrains effective and stable air void matrix.
  - Reduces potential deterioration due to freeze-thaw cycles.
    - In a saturated condition.
    - In the presence of de-icing salts.
  - Reduces bleeding and segregation.
  - Improves cohesiveness and workability.
  - Enhances finishing characteristics.
  - Approved by the Ontario Ministry of Transportation.

**Standards** Conforms to :  
 ■ ASTM C260  
 ■ AASHTO M-154

Typical Data	
<b>Packaging</b>	20 L ( 5.2 US gal.) pail 205 L (54 US gal.) drum 1040 L (275 US gal.) IBC container Bulk delivery
<b>Colour and Form</b>	Dark brown liquid
<b>Shelf Life and Storage</b>	1 year when stored in dry warehouse conditions between 10 - 27°C (50 - 80°F). Store at above 5°C (40°F). If frozen, thaw and agitate thoroughly to return to its normal state before use.
<b>Properties</b>	
<b>Specific Gravity</b>	1.05

**How to Use**

**Dosage** Sika® AER<sup>CA</sup> is normally dosed at a rate of 30 - 150 mL/100 kg of cementitious material. Dosage rates will vary with local materials, conditions and intended concrete performance requirements.

**Mixing** Sika® AER<sup>CA</sup> must be dispensed separately from other admixtures, with the mix water, at time of batching.

**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.

**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).



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# Construction

