



PRODUCT DATA SHEET

Sika® Air-260

AIR-ENTRAINING ADMIXTURE FOR CONCRETE

PRODUCT DESCRIPTION

Sika® Air-260 is an aqueous solution of a unique, synthetically manufactured surfactant for the air entrainment of concrete. Sika® Air-260 exclusive formula provides superior controllability of the air content and finishability in air-entrained concrete.

Sika® Air-260 increases concrete's durability, making it more resistant to the damaging effects of freezing and thawing, while improving workability and reducing bleeding. Sika® Air-260 is carefully formulated and subjected to stringent quality control in order to guarantee superior results in both the plastic and hardened concrete.

WHERE TO USE

Sika® Air-260 is designed for use in exterior concrete such as highway paving, curb and gutters, sidewalks, driveways, slabs, walls, or other areas needing protection from freeze/thaw damage or the harmful effect of de-icing salts. Sika® Air-260 is effective in increasing the workability of the concrete, especially in lean or harsh mixes.

PRODUCT INFORMATION

CSC MasterFormat®	03 05 00
Packaging	205 L (54 US gal.) drum 1040 L (275 US gal.) IBC Bulk delivery
Appearance / Colour	Light brown / liquid
Shelf Life	1 year when stored in dry warehouse conditions, at temperatures between +5 °C and +27 °C (40 °F and 80 °F).

CHARACTERISTICS / ADVANTAGES

- Superior resistance to freeze/thaw cycles and scaling
- Improves workability
- Reduces bleeding
- Improves appearance of architectural concrete
- Reduces size and number of capillary channels, increasing impermeability
- Increased compressive strength in lean mixes
- Substantially increased durability
- Increases moisture retention for cement hydration
- Superior air-void system

ENVIRONMENTAL INFORMATION

Conformity with LEED®v4 MR Credit (Option 1): Building Product Disclosure and Optimization – Environmental Product Declarations

APPROVALS / CERTIFICATES

Sika® Air-260 meets or exceeds the requirements of ASTM C260 and CSA A23.1-00.

Storage Conditions

Store at above +5 °C (40 °F). If frozen, thaw and agitate thoroughly to return to normal state. Protect from direct sunlight.

Specific Gravity

Approx. 1.008

APPLICATION INFORMATION

Recommended Dosage

The recommended dosage range for Sika® Air-260 is 7-400 mL/100 kg (0.1 to 6.0 fl. oz. per 100 lb) of cementitious material. The nature of various concrete materials, slump, ambient air temperature, mineral additions, mixing time and energy will affect dosage rates. It is suggested that trial batches be conducted in order to determine the required dosage to obtain the required percentage of entrained air. In addition, a regular program of air tests should be instituted in order to adjust the dosage to changing conditions. Contact your Sika Canada Technical Sales Representative for further information.

Mixing**Mixing**

For best results, it is recommended to dispense Sika® Air-260 into the batched water or with the aggregates. Sika® Air-260 is compatible with other Sika® admixtures. However, each admixture should be added separately to the mixer.

BASIS OF PRODUCT DATA

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

ENVIRONMENT, HEALTH & SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for exact product data and uses.

LEGAL NOTES

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 in accordance with Sika's recommendations. 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 information contained herein does not relieve the user of the products from testing them for the intended application and purpose. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request or may be downloaded from our website at: www.sika.ca

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Product Data Sheet

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