



PRODUCT DATA SHEET

Sika® Multi Air-25

Multi-component Synthetic Air Entrainer

PRODUCT DESCRIPTION

Sika® Multi Air-25 is a multi-component synthetic air entrainer. Sika® Multi Air-25 meets the requirements of ASTM C-260 for air entraining admixtures.

USES

Sika® Multi Air-25 is recommended for use whenever air entrained concrete is desired.

Sika® Multi Air-25 is very effective in specialized applications such as low slump, harsh, lean mixes or in mixes utilizing fly-ash.

CHARACTERISTICS / ADVANTAGES

Air entrainment is recognized as the most effective prevention against concrete damage caused by repetitive freeze-thaw cycles.

Air entraining agents help to prevent scaling by creating microscopic air voids that water trapped in the concrete can expand into when the concrete freezes. This prevents cracking caused by the natural expansion of ice. Entrained air voids in the concrete will also increase durability in harsh environments where concrete is exposed to deicing salts, marine salts and sulfates. Besides that Air entraining agents also improve workability and placeability of a concrete mixture and reduce bleeding.

PRODUCT INFORMATION

Packaging	Sika® Multi Air-25 is available in 55 gallon drums (208 liters), 275 gallon totes (1040 liters) and bulk delivery.
Appearance / Color	Yellow Clear Liquid
Shelf Life	Shelf life when stored in original packaging in dry warehouse conditions between 50 °F and 80 °F (10–27 °C) is 1 year.
Storage Conditions	Sika® Multi Air-25 should be stored at above 40 °F (5 °C). If frozen, thaw and agitate thoroughly to return to normal state.
Specific Gravity	Approx. 1.01

APPLICATION INFORMATION

Recommended Dosage

The amount of Sika® Multi Air-25 will vary depending on the mix design and air content required for a particular project. Dosage rates needed to entrain between 4 and 6 percent will typically fall between 0.5 and 1.5 fl.oz. per 100 lbs. (10–195 ml / 100 kg) of cementitious materials. In special applications such as paving, dry cast applications or mixes utilizing flyash, the dosage may increase above the recommended dosage range. In cases such as this, actual testing is recommended to determine proper dosage range. If required, higher air content may be obtained by increasing the dosage rate.

Combination with other admixtures, particularly water reducers, accelerators and retarders, may decrease or increase the effectiveness of Sika® Multi Air-25, therefore random air content tests with an air-meter after batching should be performed to provide desired consistency. In mixes requiring a lower or higher amount dosage rate, it is always recommended to contact your local regional office or technical service department at 1-800-933-7452.

Mixing

Measure the required quantity per batch manually or with automatic dispense requirement. Add Sika® Multi Air-25 to mixing water or sand. Do not mix with dry cement. When used in combination with other admixtures, care must be taken to dispense each admixture separately into the mix.

Combination with Other Admixtures: 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.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

OTHER RESTRICTIONS

See Legal Disclaimer.

ENVIRONMENTAL, HEALTH AND SAFETY

For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, environmental, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

LEGAL DISCLAIMER

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

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates (“SIKA”), the user must always read and follow the warnings and instructions on the product’s most current product label, Product Data Sheet and Safety Data Sheet which are available at usa.sika.com or by calling SIKA’s Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.**

Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 1-800-933-7452.

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