

Sika® Multi Air 25

Multi Component Synthetic Air Entrainer

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.
Applications	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.
Benefits	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.
How to Use	
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 dispenser equipment. 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.



Packaging	Sika Multi Air 25 is available in 55 gallon drum (208 liter), 275 gallon totes (1040 liters) drums and bulk delivery.
Storage and Shelf Life	Sika Multi Air 25 should be stored at above 40°F (5°C). If frozen, thaw and agitate thoroughly to return to normal state. Shelf life when stored in original packaging in dry warehouse conditions between 50°F and 80°F (10°C - 27°C) is 1 year.
Typical Data	
Appearance	Yellow, clear liquid
Specific Gravity	1.010
Caution:	IRRITANT. Contains Sodium C14-16 Olefin Sulfonate for Bioterge 40 (CAS:68439-57-6) and Amides, coco, N,N-bis (hydroxyethyl) (CAS: 68603-42-9). Severely irritating to eyes. Causes skin and respiratory irritation
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. 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 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 to fresh air. Ingestion – Do not induce vomiting. Dilute with water. Contact physician. In all cases contact a physician immediately if symptoms persist.
Clean Up	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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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 Technical Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **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.**

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: (201) 933-8800
Fax: (201) 933-6225
www.sikaconstruction.com

Sika Canada Inc.
601, Delmar Avenue
Pointe-Claire, QC H9R 4A9
Phone: (514) 697-2610
Fax: (514) 697-3087
www.sika.ca

1-800-933-SIKA



Regional Information and Sales Centers. For the location of your nearest Sika representative, contact your regional center.

U.S. : **North East Region:** Fairless Hills, PA, Phone: (215) 295-6600 **North Central Region:** Marion, OH, Phone: (800) 851-1545
South East Region: Conyers, GA, Phone: (770) 760-1300 **South Central Region:** Mesquite, TX, Phone: (972) 289-6480
Western Region: Santa Fe Springs, CA, Phone: (562) 903-3650

Canada: **Ontario:** Mississauga, ON, Phone: (905) 795-3177, **Alberta:** Edmonton, AB, Phone: (780) 486-6111

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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