

SikaGrout® Aid

Expanding, water-reducing, retarding high-lift grouting aid

Description	SikaGrout® Aid is a balanced blend of expanding, retarding, and water-reducing agents for portland cement grouts. It provides a slow, controlled expansion prior to the grout hardening.
Where to Use	Use for high-lift grouting of all concrete block and clay brick.
Advantages	<ul style="list-style-type: none">■ A water reduction of at least 10% is typical with the use of SikaGrout® Aid.■ Expansion action largely compensates for loss of grout volume.■ Increased water retention extends length of time that grout remains plastic so it may be vibrated.■ Allows for leaner mix.■ Superior placeability and expansion in-place reduces cracks and cold joints.■ Retardation of setting time allows a longer period of time for expansive action to take place.■ Higher shear and bond values.
Packaging	42 lb. (19 kg) bag
Coverage	Dosage: approximately 1 lb. of SikaGrout® Aid per 100 lbs. of cementitious material based on application.

Typical 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.

Shelf Life	1 year in original, unopened bags.
Storage Conditions	Store dry at 65°-80°F.
Color	White powder



Sika®

PRIOR TO EACH USE OF ANY SIKA PRODUCT, THE USER MUST ALWAYS READ AND FOLLOW THE WARNINGS AND INSTRUCTIONS ON THE PRODUCT'S MOST CURRENT PRODUCT DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET WHICH ARE AVAILABLE ONLINE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING SIKA'S TECHNICAL SERVICE DEPARTMENT AT 800.933.7452 NOTHING CONTAINED IN ANY SIKA 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 DATA SHEET, PRODUCT LABEL AND SAFETY DATA SHEET PRIOR TO PRODUCT USE.

How to Use

Mixing

Mix Design: The following typical mix design serves only as a basis for trial mixes. Actual mix designs must be tested prior to use. Proportions are by weight, unless noted.

Mixing: SikaGrout® Aid is added in powder form to the grout mix in the transit-mixer at the job site in order to assure its action will not be altered by length of haul, mixer speed, or temperature build-up. Add slowly - if added too rapidly, lumps or balls may form. SikaGrout® Aid may be premixed with water and added as a solution provided correct dosage is maintained.

Mix: The Grout Mix shall contain no less than 6 sacks of Type I or Type II portland cement (preferably low alkali), 60 to 65% sand, 35-40% pea gravel, and 6 lbs. of SikaGrout® Aid per yard. A slump of 8 to 10 inches should be maintained.

Limitations

- Design mixes should always be tested to verify satisfactory performance, specifically as it relates to strength, bleed, flow and segregation. The use of this admixture will alter physical properties.
- Not recommended as a non-shrink admixture for conventionally placed concrete.
- Grout shall not be used if more than 1.5 hr. have elapsed after addition of Grout Aid.
This material is to be used only in grout containing coarse aggregate which is for high-lift grouting of concrete block and clay face brick or other hard burned masonry.

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

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

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

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 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. SALE OF SIKA PRODUCTS ARE SUBJECT SIKA'S TERMS AND CONDITIONS OF SALE AVAILABLE AT [HTTP://USA.SIKA.COM/](http://usa.sika.com/) OR BY CALLING 201-933-8800.

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1-800-933-SIKA NATIONWIDE

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

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
Fax: 201-933-6225

Sika Canada Inc.
601 Delmar Avenue
Pointe Claire
Quebec H9R 4A9
Phone: 514-697-2610
Fax: 514-694-2792

Sika Mexicana S.A. de C.V.
Carretera Libre Celaya Km. 8.5
Fracc. Industrial Balvanera
Corregidora, Queretaro
C.P. 76920
Phone: 52 442 2385800
Fax: 52 442 2250537



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