

SikaGrout® Aid Plus

Aluminum-free, anti-bleed, shrinkage compensating, fluidizing grout aid.

Description	SikaGrout® Aid Plus is a balanced blend of fluidizing ,water reducing, shrinkage compensating and bleed reducing admixture for portland-cement grouts.
Where to Use	Use for horizontal and vertical prestressed tendons. Pre-packed aggregate cavities.
Advantages	<ul style="list-style-type: none">■ Help in producing high quality grout with a job site mix.■ Pre-packed aggregate cavities.
Packaging	40 lb. bag.
Coverage	Dosage: 3-4% of SikaGrout® Aid Plus per 100 lb. of cementitious material.

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	6 month in original, unopened bags.
Storage Conditions	Store dry at 40°-95°F.
Color	Gray powder

Construction



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

Surface Preparation	Ensure that ducts, voids, openings, inlets and outlets are clean and free of water, debris, fuel oils, other contaminants and site trash at all times.
Mixing	<p>Mix Design: The following typical mix design shall only serve as a guide. Pretesting of the admixture with the local cement is a must. Product performance shall be established and monitored to ensure compliance with the requirements. Variance in cement can produce a shift in expected results.</p> <p>Mixing: Mixing should be in accordance with the PTI Guidelines as stated in section 5.6.1(Second edition). The following order should be followed for adding the ingredients: Water, Approx. 50% cement, SikaGrout® Aid Plus, and remaining cement. The water to powder ratio should be targeted around 0.28-0.30.</p> <p>Mixing shall be of such duration so as to obtain a uniform homogenous mixture without excessive temperature increase. Typical mixing time range from 4-6 minutes. Optimum performance of the admixture in a grout shall be obtained by using high speed drill with a 2000-2500 rpm drill a or colloidal mixer like ChemGrout CG 600. Method of mixing may significantly effect the grout properties, particularly flow.</p>
Application	All pumps and hose fittings should be absolutely watertight to prevent loss of water and subsequent clogging. Be sure your batches are limited in size so that placement can be completed approximately in one hour.
Limitations	<ul style="list-style-type: none"> ■ SikaGrout Aid® Plus is not a substitute for Class "C" Pre-Packaged Grout. ■ SikaGrout Aid® Plus shall not be used without trial mixes to confirm and validate performance required for the application. ■ Design Mixes should always be tested to verify satisfactory performance, specially as it relates to flow, bleed, segregation and strength. ■ The grout mix using SikaGrout® Aid Plus shall be monitored at an agreed upon frequency to capture any variance in performance based on a shift in cement behavior or performance. ■ Material shall be placed within 60 minutes of mixing. ■ Grouts formulated with using SikaGrout® Aid Plus as an additive shall not be used for patching or overlay applications.

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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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