

PRODUCT DATA SHEET

SikaGrind®-302 US

GRINDING AID

PRODUCT DESCRIPTION

SikaGrind®-302 US is a non-chloride based grinding aid for masonry cement.

USES

SikaGrind®-302 US is a highly effective dispersant / air entraining agent that allows independent control and adjustable performance of masonry cement during the manufacturing process.

CHARACTERISTICS / ADVANTAGES

SikaGrind®-302 US provides the following benefits in the production of masonry cement and the end performance of masonry cement:

- Reduced energy and grinding costs,
- Increased workability,
- Improved board-life.

ENVIRONMENTAL INFORMATION

SikaGrind®-302 US improves grinding efficiency reducing energy consumption and the environmental impact of the masonry cement production process.

For further information, please visit:
<https://usa.sika.com/en/sustainability.html>

PRODUCT INFORMATION

Packaging	Available in 55-gallon (208-liter) drums, 275-gallon (1040-liter) totes, and bulk delivery.
Appearance / Color	Dark Brown Liquid
Shelf Life	Shelf life when stored in original packaging in dry warehouse conditions between 40°F and 80°F (5-27°C) is one year from the date of manufacture.
Storage Conditions	SikaGrind®-302 US should be stored above 40°F (5°C). Protect from freezing and direct sunlight.
Specific gravity	Approx. 1.030

APPLICATION INFORMATION

Recommended Dosage

The dosage rate of SikaGrind®-302 US will vary based on the desired characteristics of each cement. The typical range will vary between 0.04 - 0.250% by weight of cement. Full-scale cement mill tests should be conducted to determine the required dosage for optimum performance. A trained Sika representative is available to assist in dosage calculations and mill test evaluations.

Mixing

SikaGrind®-302 US should be dispensed as received. SikaGrind®-302 US must be accurately dispensed to ensure consistent results. Proper dispensing equipment with adjustable flow rates should be used for optimum performance.

SikaGrind®-302 US may be added onto the clinker conveyor belt or sprayed into the mills first compartment. A Sika representative is available to assist with recommendations on your mill system.

Note: The end of the dispensing tube/hose shall be checked and cleaned periodically to ensure it is not blocked and the proper amount of grinding aid is being added

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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