

PRODUCT DATA SHEET

SikaGrind®-731

MASONRY GRINDING AID

PRODUCT DESCRIPTION

SikaGrind® MC-731 additive is based on a combination of chemicals that will contribute to water retention, extended board life and air entrainment. SikaGrind® MC-731 meets requirements of ASTM C 91 and ASTM C 270.

USES

SikaGrind® MC-731 represents a simple and cost effective, one component, solution for masonry cement producers looking for more workable mortar with extended board life.

CHARACTERISTICS / ADVANTAGES

Balanced ratio of water retention, set retarding and air entraining components, SikaGrind® MC-731 allows mortar cement producers optimize:

- Board life.
- Workability.
- Air content.

Additionally SikaGrind® MC-731 improves durability and resistance of mortar to freezing and thawing cycles.

PRODUCT INFORMATION

Packaging	SikaGrind® MC-731 is available in 55 gallon drums, 275 gallon totes and bulk packaging
Appearance / Color	Slightly yellow viscous liquid
Shelf Life	Shelf life when stored in dry warehouse conditions between 40 °F and 80 °F (5 °C and 27 °C) is 6 months from the date of manufacture.
Storage Conditions	Protect from freezing. SikaGrind® MC-731 should be kept above 32 °F (0 °C). Care must be exercised to ensure that this product is not exposed to temperatures in excess of 105 °F (40 °C). If SikaGrind® MC-731 separates as a result of excessive heat or cold, it must be thoroughly agitated by mechanical means. Homogenized SikaGrind® MC-731 can be reused. Contact your Sika® representative for assistance. It is recommended that a tank re-circulating system be used where possible. Do not agitate with air.
Specific Gravity	Approx. 1.05

APPLICATION INFORMATION

Recommended Dosage

The recommended dosage range for SikaGrind® MC-731 is 0.10–0.35 %. SikaGrind® MC-731 must be precisely dispensed through a suitable system that will accommodate the variations in tonnage output. SikaGrind® MC-731 should be dispensed as received. Proper dispensing equipment with adjustable flow rates should be used for optimum performance. SikaGrind® MC-731 may be added onto the clinker conveyor belt or sprayed into the mills first compartment. The optimum dosage rate should be determined during full-scale cement mill tests. A trained Sika representative is available to assist in dosage calculations and mill test evaluations.

Note: The end of the dispensing tube/hose shall be checked and cleaned periodically to ensure it is not blocked and amount of admixture is added in proper dosage rates.

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/termsandcondi>

tions.html or by calling 1-800-933-7452.

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