

PRODUCT DATA SHEET

Sikacrete[®]-501

PORTLAND LIMESTONE TYPE IL CEMENT MATERIAL

PRODUCT DESCRIPTION

Sikacrete[®]-501 is a Portland Limestone Cement (PLC/Type IL) that may be mixed with aggregates and water to form a concrete, mortar, or stucco mix. Sikacrete[®]-501 meets the requirements of ASTM C595.

USES

Sikacrete[®]-501 is suitable for most applications requiring cement, including but not limited to, ready mix concrete, precast concrete, shotcrete, mortar, and stucco.

Sikacrete[®]-501 can be used for the following applications:

- Most concrete applications,
- Structural placement,
- Repair / Rehabilitation.

PRODUCT INFORMATION

Packaging	Available in 1,200 lb (544 kg), 2,000 lb (907 kg), and 2,500 lb (1,134 kg) bulk bags.
Shelf Life	Shelf life when stored in dry warehouse conditions between 40°F and 95°F (5-35°C) is one year from the date of manufacture.
Storage Conditions	Sikacrete [®] -501 must be stored in a dry environment. If exposed or unprotected Sikacrete [®] -501 will absorb moisture resulting in an unusable product.
Density	Approx. 3.100

CHARACTERISTICS / ADVANTAGES

Sikacrete[®]-501 characteristics and benefits include:

- Binder material for various applications,
- Strength enhancement,
- Reduced carbon footprint.

ENVIRONMENTAL INFORMATION

Sikacrete[®]-501 is engineered with a higher limestone content than Portland Type I/II Cement, reducing the carbon footprint by approximately 10% while maintaining similar mixing, workability, strength, and durability characteristics.

For further information, please visit:

<https://usa.sika.com/en/sustainability.html>

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.

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.

APPLICATION INSTRUCTIONS

Sikacrete®-501 is designed for combining with sand, rock, and water to produce concrete, mortar, stucco and other mixes for various applications.

For more information on mixing, dosage, and application recommendations, please contact your Sika STM Technical Representative.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.**

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