

PRODUCT DATA SHEET

SikaPlast[®]-300 GP

MID-RANGE WATER REDUCING ADMIXTURE

PRODUCT DESCRIPTION

SikaPlast[®]-300 GP is a mid-range water reducing admixture formulated to increase water reduction. SikaPlast[®]-300 GP meets the requirements of ASTM C494 / AASHTO M194 Type A & F.

USES

SikaPlast[®]-300 GP can be used in all types of concrete including ready-mix, non-reinforced and reinforced, extruded, precast and prestressed concrete applications.

CHARACTERISTICS / ADVANTAGES

- Superior finishing characteristics.
- Easier and faster pumping of concrete.
- Reduced concrete shrinkage and cracking.
- Increased compressive and flexural strengths.
- Reduced permeability.
- Extended slump retention.
- Increased strength at all ages.

SikaPlast[®]-300 GP does not contain intentionally added chlorides.

PRODUCT INFORMATION

Packaging	SikaPlast [®] -300 GP is available in 55 gallon drums (208 liters), 275 gallon totes (1040 liters) and bulk delivery.
Appearance / Color	Dark Brown Liquid
Shelf Life	Shelf life when stored in dry warehouse conditions between 40 °F and 80 °F (5–27 °C) is one year from date of manufacture.
Storage Conditions	SikaPlast [®] -300 GP should be stored above 35 °F (2 °C). If frozen, thaw and agitate thoroughly to return to a normal state. Protect from direct sunlight.
Specific gravity	Approx. 1.080

APPLICATION INFORMATION

Recommended Dosage

The typical dosage range for SikaPlast®-300 GP is 2-12 fluid ounces per 100 lbs. (130-780 ml per 100 kg) of cementitious material. For maximum water reduction, dosage rates up to 20 fluid ounces per 100 lbs. (1300 ml per 100 kg) of cementitious material may be used. At higher dosages, delayed setting time will likely occur.

Dosage rates vary depending upon the amount of plasticity and/or water reduction desired. Slump, ambient temperature, water-cementitious ratio, mixing time and various concrete materials, such as type of cement and supplementary cementitious materials, will affect dosage rates. It is recommended to conduct trial mixes with the actual materials to determine the required dosage for optimum performance.

To the extent specialized materials (such as microsilica) are specified, extreme ambient project conditions are encountered, or other unusual project conditions require special consideration outside the recommended dosage, please contact your local regional Sika office or Sika technical service department at 1-800-933-7452 prior to using the Sika admixture.

Mixing

Measure the required quantity manually or by automated dispenser. Add SikaPlast®-300 GP directly into the freshly mixed concrete, or as an integral material in the batching cycle. Do not mix with dry cement. SikaPlast®-300 GP may be dispensed on site directly prior to placement. Care must be taken to mix thoroughly. When used in combination with other admixtures dispense each admixture separately into the mix.

Compatibility:

SikaPlast®-300 GP can be used in combination with other Sika admixtures and can be successfully used in mix designs utilizing supplementary cementitious materials.

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.

any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

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

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.

Sika Corporation

201 Polito Avenue
Lyndhurst, NJ 07071
Phone: +1-800-933-7452
Fax: +1-201-933-6225
usa.sika.com

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



Product Data Sheet

SikaPlast®-300 GP
May 2021, Version 02.01
021301011000000889

SikaPlast-300GP-en-US-(05-2021)-2-1.pdf

