

PRODUCT DATA SHEET

Sika® PerFin-305

CONCRETE SURFACE ENHANCING ADMIXTURE

PRODUCT DESCRIPTION

Sika® PerFin-305 is a formulated liquid concrete admixture used to improve finished concrete surfaces. Sika® PerFin-305 reduces surface defects of the concrete surface. Sika® PerFin-305 meets the requirements of ASTM C494, Type S admixture.

USES

Sika® PerFin-305 is recommended for use in cases when concrete with minimum surface defects is required or whenever high architectural and aesthetic requirements are desired.

Sika® PerFin-305 can be used for:

- Structural concrete
- Precast / prestress concrete
- Architectural concrete with high aesthetic demands
- Concrete with high requirements on surface quality

Sika® PerFin-305 is a non-chloride based concrete admixture. Sika® PerFin-305 does not promote the corrosion of steel reinforcement. Sika® PerFin-305 can be used in reinforced and prestressed concrete. Sika® PerFin-305 is not recommended for use in air entrained concrete.

CHARACTERISTICS / ADVANTAGES

Sika® PerFin-305 significantly improves quality of the concrete surface. The amount of pinholes, open pores and other surface defects are reduced when Sika® PerFin-305 is utilized in concrete mixes.

Sika® PerFin-305 provides the following advantages:

- Concrete with minimum surface defects.
- Improved concrete durability.
- Improved aesthetics and uniformity of concrete surfaces.
- Improved concrete smoothness.
- Reduced risk of rejection due to surface quality related issues.
- Reduced labor needed for surface patching.

PRODUCT INFORMATION

Packaging	Sika® PerFin-305 is available in 55 gallon drum (208 liter), 275 gallon (1040 liter) totes and bulk.
Appearance / Color	Yellowish Liquid
Shelf Life	Shelf life when stored in dry warehouse conditions between 40 °F and 80 °F (5–27 °C) is 6 months from date of manufacture. Protect from frost and direct sunlight.
Storage Conditions	Should be stored above 40 °F (5 °C). If frozen, thaw and agitate thoroughly to return to normal state.
Specific gravity	Approx. 0.89

APPLICATION INFORMATION

Recommended Dosage	<p>Recommended dosage rates will be typically between 0.2–0.5 % by weight of cement or (3.0 to 7.5 fl.oz/100 lbs of cementitious materials). The effectiveness of Sika® PerFin-305 depends on concrete mix design, cleanness of form work and form release agent.</p> <p>Sika® PerFin-305 is compatible with majority of Sika admixtures, however, each admixture should be added separately to the mix. Sika® PerFin-305 can be used in mixes containing supplementary cementitious materials such as slag or flyash.</p>
Mixing	<p>To achieve best performance add Sika® PerFin-305 into the mixing water. It is possible to add Sika® PerFin-305 directly to freshly mixed concrete in the concrete mixer at the end of the batching cycle. To achieve proper dispersion of Sika® PerFin-305 throughout the entire concrete volume, mixing time of minimum 90 seconds is recommended. Sika® PerFin-305 should not be dispensed directly onto cement, slag or fly ash.</p> <p>Combination with other Admixtures: Sika® PerFin-305 can be used in combination with other Sika admixtures. It is always recommended to verify actual performance by conducting trial batches. Please contact your local regional office or technical service department at 1-800-933-7452 for further assistance.</p>

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.

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**

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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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