

Product Data Sheet

Edition 1.9.2012

Sikafloor FTP


 MIAMI-DADE COUNTY
APPROVED
Sikafloor® FTP

Fast Track Primer

Description	Sikafloor FTP is a two-component, waterborne epoxy diluted with water in the field.
Where to Use	Use with Sikalastic Traffic Systems as a primer on concrete, cementitious or plywood surfaces exposed to vehicular or pedestrian traffic. Refer to the Sikalastic 710/715 Traffic System and Sikalastic 720/745 Traffic System Product Data Sheets for system application instructions as well as limitations.
Advantages	<ul style="list-style-type: none"> ■ Low VOC ■ Fast dry time ■ Low odor ■ Moisture tolerant
Chemical Resistance	No Chemical Resistance Guide for this product, requires over coating with a Sika waterproofing or flooring product or system.
How to Use Surface Preparation	Concrete surface must be clean, sound and dry. Remove dust, laitance, grease, curing compounds, bond inhibiting impregnations, waxes and any other contaminants. All projections, rough spots, etc. should be dressed off to achieve a level surface prior to the application. Concrete should be cleaned and prepared to achieve a laitance and contaminant free, open textured surface by shot blasting to a minimum of (CSP-3-4 as per ICRI guidelines). Sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond between the primer and substrate. The compressive strength of the concrete substrate should be at least 3500 psi at 28 days and at least 250 psi in tension at the time of application of Sikafloor FTP.

Typical 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.

Shelf Life	2 years in original unopened container under proper storage conditions. Store dry between 40° - 90°F (5° - 32°C).
Pot Life	Approx. 1 hour @ 77°F (25°C) and 50% relative humidity
Packaging	Sikafloor FTP is packaged in pre-proportioned kits. The kit consists of a gallon can of Resin and a short-filled five gallon pail of Hardener. The kit will yield 3.5 gallons of mixed product after the required reduction with water.
VOC (g/l)	ASTM D2369-07 0.2 g/l
Flash Point	>200°F (93.3°C)
Recoat time	Up to 48 hrs. @ 77°F (25°C)
Cure time	3-4 hrs. @ 77°F (25°C) and 50% relative humidity

TYPICAL PHYSICAL PROPERTIES:

Bond Strength (ACI 503R, Appendix A) >400 psi (100% concrete failure)

Construction


 Sika®

Mixing	<p>It is important to remember that this coating has a limited pot life of approximately 1 hour at 77°F (25°C) and 50% relative humidity. Do not use beyond this frame regardless of whether or not the product appears to still be usable. Review that all surface preparation is complete and application equipment is in good working order before starting the mixing sequence.</p> <ol style="list-style-type: none"> 1. Premix each component for a maximum of two minutes. Sikafloor FTP, Part "H" is dark olive green in color and may appear black in the container. Sikafloor FTP, Part "R" is light amber in color. 2. Add the 1 gallon of Sikafloor FTP, Part "R" to the 1.25 gallons of Part "H" in the short filled Part "H" pail. 3. Mix thoroughly with a Jiffy blade for a minimum of 3 minutes. The mixture will appear as a uniform light olive green color. 4. Slowly add 1.25 gallons of potable water to the mixture under agitation. 5. Mix for a minimum of 2 additional minutes until the mixture is fully dispersed. Fully dispersed material will appear as light yellow to white in color. <p>NOTE: The order that the FTP components are mixed is critical to the performance of this product. Failure to mix properly may result in an incomplete cure, despite a dry appearance.</p>
Application	<p>Apply with flat squeegee or roller at the recommended rate. Allow for sufficient wetting of the slab and backroll, utilizing a ¼" or ⅜" nap roller to eliminate puddles on the surface of the slab. Minimize the overlap from batch to batch or bead-to-bead applications while achieving complete slab coverage, as these areas of overlap may not bond.</p>
Critical Recoat Time	<p>Sikafloor FTP has a recoat window of up to 48 hours. Do not apply a second coat of Sikafloor FTP, as it will not properly bond. There is no need for additional mechanical or chemical preparation of the Fast Track Primer prior to the installation of the topcoat, if recoated within the recoat window, and the Sikafloor FTP has not been exposed to foot or vehicular traffic or similar. If the recoat window is missed (48 hours) the surface requires grinding or screening with 80 grit, followed by a broom sweep and vacuum.</p>
Limitations	<ul style="list-style-type: none"> ■ IMPORTANT: Product must be protected from freezing. If frozen, discard. ■ Minimum/Maximum substrate temperature: 40°F/90°F (4°C/32°C). ■ Maximum ambient relative humidity must be no more than 85%. ■ Substrate temperature must be 5°F (3°C) above measured dew point. ■ This product is not designed for immersion or any use where moisture can reach the underside of the resurfacer. ■ Freshly applied Sikafloor FTP should be protected from freezing, dampness, condensation and water prior to top coating. ■ Will discolor over time when exposed to sunlight (UV) and under certain artificial lighting conditions. UV resistant, light stable topcoats are available where ultimate color/clarity retention is required. ■ This product may not effectively bond to very dense, burnished or over finished concrete. Finishing should be limited to the degree that the floor flatness factor is achieved.
Caution	<p>COMPONENT A: WARNING - IRRITANT, SENSITIZER: Contains epoxy resins, Nonyl Phenol (CAS 25154-52-3). Eye irritant. May cause skin/respiratory irritation. Prolonged and/or repeated contact with skin may cause allergic reaction/sensitization. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal. Harmful if swallowed. Strictly follow all use, handling and storage instructions.</p> <p>COMPONENT B: WARNING: CORROSIVE, SENSITIZER, IRRITANT. Contains amines (mixture). Contact with skin and eyes causes severe burns. Respiratory irritant. May cause eye/skin irritation. Possible skin sensitization/allergic reaction with prolonged or repeated exposure. Harmful if swallowed. Deliberate concentration of vapors for purposes of inhalation is harmful and can be fatal.</p>



First Aid	Eyes – Hold eyelids apart and flush thoroughly with water for 15 minutes. Skin – Remove contaminated clothing. Wash skin thoroughly for 15 minutes with soap and water. Inhalation – Remove to fresh air. Ingestion – Do not induce vomiting. Dilute with water. Contact physician. In all cases, contact a physician immediately if symptoms persist.	
Handling & Storage	Avoid direct contact. Wear personal protective equipment (chemical resistant goggles/gloves clothing) to prevent direct contact with skin and eyes. Use only in well ventilated areas. Open doors and windows during use. Use a properly fitted NIOSH respirator if ventilation is poor. Wash thoroughly with soap and water after use. Remove contaminated clothing and launder before reuse.	
Clean Up	Avoid contact. Wear chemical resistant clothing/gloves/goggles. In absence of adequate ventilation; use a properly fitted NIOSH respirator. Uncured material can be removed with approved solvent. Follow solvent manufacturer's instructions for use and warnings. Cured material (when Component R combined with Component H) can only be removed mechanically. In case of spill, ventilate area and contain spill. Collect with absorbent material. Dispose of in accordance with current, applicable local, state, and federal regulations.	
Additional Info	Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on www.sikafloorusa.com . Proper material application is the responsibility of the user. Site visits made by Sika personnel are for making technical recommendations only and not for supervising or providing quality control.	
Trouble Shooting	Problem Observed	Possible Causes
	Peeling Between Coats	Past critical recoat time; Contamination between coats; excessive overlapping of FTP application.
	Puddling and/or Lack of Absorption	Improper coverage rate; Insufficient profile of the slab. Stop the application, brush blast and reapply; Same issue after a brush blast indicates that the slab is too dense for the product to function as designed.
	Slow Cure	Low floor and ambient temperatures; Use of thinner in product; Improper mixing; Product applied too thick.
	Coating Soft	Improper mixing; Use of thinner in product; Extreme weather conditions; overapplication.
	Cloudiness (after recommended cure time has passed)	Overapplication (product will not function as designed)

KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • FOR INDUSTRIAL USE ONLY

All information provided by Sika Corporation ("Sika") concerning Sika products, including but not limited to, any recommendations and advice relating to the application and use of Sika products, is given in good faith based on Sika's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Sika's instructions. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Sika's control are such that Sika assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of the Sika product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application of the product(s). Sika reserves the right to change the properties of its products without notice. All sales of Sika product(s) are subject to its current terms and conditions of sale which are available at www.sikausa.com or by calling 800-933-7452.

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Technical Data Sheet, product label and Material Safety Data Sheet which are available online at www.sikausa.com or by calling Sika's Technical Service Department at 800-933-7452. Nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instruction for each Sika product as set forth in the current Technical Data Sheet, product label and Material Safety Data Sheet prior to product use.

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 Technical Data Sheet if used as directed within shelf life. User determines suitability of product for intended use and assumes all risks. Buyer's sole remedy shall be limited to the purchase price or replacement of product exclusive of labor or cost of labor. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKASHALLNOT BELIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKASHALL 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.**

Visit our website at www.sikafloorusa.com

1-800-933-SIKA NATIONWIDE

Regional Information and Sales Centers. For the location of your nearest Sika sales office, contact your regional center.

Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
Phone: 800-933-7452
Fax: 201-933-6225

Sika Canada Inc.
601 Delmar Avenue
Pointe Claire
Quebec H9R 4A9
Phone: 514-697-2610
Fax: 514-694-2792

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

