



PPG Anti-Slip Safety Flooring Systems SFT 625

Single Component, High Traffic Pedestrian Grade Anti-slip

Product Data/ Application Instruction

PPG Anti-Slip Safety Flooring Systems SFT 625 is a one-component modified epoxy anti-slip floor and deck coating engineered to resist heavy pedestrian traffic. This coating is easy to apply and adheres to concrete, metal, and wood surfaces.

SFT 625 is fire retardant when dry. It resists oil, gasoline, acids, caustics, and most solvents. Since it's a one-component product it may be resealed and saved for future use.

Typical Uses

- Ramps and walkways
- Decks and garages
- Stores
- Schools
- Office parks
- Machine shops

Products

99-62502	Black
99-62503	Tile Red
99-62515	Gray
99-62560	Safety Yellow

Physical Data

Colors	Black, Tile Red, Gray, Safety Yellow		
Finish	Flat		
Anti-slip Profile	Medium		
Package size	1 gallon		
Components	1		
Curing mechanism	N/A		
Volume solids	62% (calculated)		
Coats	1		
DFT per coat	mils	microns	
	30	750	
Theoretical coverage 30 mils (750 microns) rolled	ft ² /gal	m ² /L	
	50	1.2	
VOC (EPA 24)	lb/gal	g/L	
	2.07	248	
Flash point (SETA)	°F	°C	
	81	27	
Coefficient of Friction	Dry	Wet	
	1.2	1.0	

Surface Preparation

Coating performance is proportional to the degree of surface preparation. Refer to the Product Data/Application Instructions for the specific primer being used for surface preparation specifications. Concrete and primed concrete surfaces must be clean and dry and free of contaminants such as dust, dirt, grease, or oil. It is important that a suitable moisture barrier is in place for slabs on-grade. If a moisture barrier is not in place, seasonal variations in ground moisture can cause excessive hydrostatic pressure regardless of results measured prior to coating application.

New/Bare Concrete — Refer to SSPC-SP 13/NACE No. 6 surface preparation of concrete for detailed information regarding surface preparation of concrete. In general, concrete must have sufficient profile to achieve satisfactory adhesion of primer and topcoat. Concrete must be in sound condition and free of all coatings, curing compounds, oil and other contaminants. New concrete must cure a minimum of 28 days prior to application of any coatings. Concrete can be abrasive blasted (ASTM D4259) or mechanically abraded to achieve a profile equal to 60 grit sandpaper or coarser. Moisture vapor transmission should be 3 lbs. or less over a 1000 sq. ft. area during a 24 hour period, measured and confirmed through a calcium chloride test (ASTM F1869). Concrete should have a minimum surface tensile strength of 300 PSI verified by a pull-off adhesion test. Should concrete not meet moisture vapor transmission or tensile strength requirements, contact your local PPG representative for guidance. Consult the following ASTM methods: ASTM-4263 – plastic sheet method for checking moisture in concrete; ASTM 4258 standard practice for cleaning concrete; ASTM 4259 standard practice for abrading concrete; ASTM 4260 standard practice for etching concrete.

Previously Painted Concrete — Old coatings and concrete must be in sound condition. Surfaces must be clean and dry and free of all contaminants such as dust, dirt, grease, or oil. Old coatings must be uniformly abraded to achieve satisfactory adhesion. Apply a test patch to the abraded surface and allow to cure a minimum of one week before testing adhesion. If adhesion is poor, or if the old coatings are peeling, chipping, or are otherwise in poor condition, remove the coatings down to bare concrete and prepare the bare concrete as shown above.

Wood and metal surfaces — contact your PMC specialist for a recommendation.

Application Data

Applied over	Concrete, metal and wood surfaces
Primers*	Self Priming over concrete and wood
Concrete	Amerlock 2, Amerlock Sealer - add Amerlock 2VOC, Pitt-Guard
Metal Surfaces	Amerlock 2 or Amerlock 2VOC, Pitt-Guard

*When using an epoxy primer, the SFT 625 should be applied within 72 hours of application of the epoxy. For surface temperatures greater than 90°F, the SFT 625 should be applied between 16 and 30 hours after application of the epoxy.

Surface Preparation	ASTM D4260 or 4259; SSPC-SP10
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Method	Roller or spray
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Mixing ratio (by volume)	none
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Environmental conditions

Temperature	°F	°C
surface	50 to 120	10 to 49

Surface temperatures must be at least 5°F (3°C) above dew point to prevent condensation. Relative humidity must not exceed 85%.

Drying time (hours, @20 mils DFT, 50% RH)

°F/°C
70/21

Foot traffic	12
Heavy traffic	72

Clean-up Solvent	Amercoat 12 Cleaner
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Instructions for Use

Thoroughly mix contents preferably with a mechanical mixer such as a drill motor with a Jiffy mixing blade until mixed material assumes a uniform color and appearance.

ROLLER

The best anti-slip characteristics are obtained when the product is rolled. Do not thin. Use a smooth napless solvent resistant roller.

1. Pour a "strip" of SFT 625 on the surface approximately 2' long and 6" wide.
2. Roll in one direction only by pulling material toward you in slow straight strokes.

Use a modest amount of downward pressure. It is important that the rolled profile expose the maximum amount of non-slip aggregate. If aggregate is not properly exposed, the coating may become slippery when wet.

Do not over-roll or press down too heavily. Make sure that coating is even without any thick puddles. If applied too heavily the coating may not cure properly.

Drying time will vary with temperature and humidity. Protect exterior applications from rain for at least 24 hours. For full cure, protect application from extended exposure to water, oil and chemicals for 5 to 7 days.

SPRAY

Sprayed applications will result in a uniform appearance with good non-slip characteristics. SFT 625 may be sprayed with spray equipment using a 1/4 inch opening spray tip. Various sprayers are available for grit containing coatings. Consult with your equipment manufacturer.

TROWEL

SFT 625 may be applied with a smooth trowel such as a flexible plasterer's finishing trowel. Use a trowel about 4 by 12 inches.

Pour a "strip" of SFT 625 on the surface approximately 2' long and 6" wide.

Hold the trowel at a 45° angle to the surface and spread with a full motion. Reverse the angle of the trowel for an opposite stroke. Pull the material toward you. To cover corners, etc. pull straight strokes using material on the trowel.

Surface Maintenance

SFT 625 should be kept clean to ensure that its non-slip safety aspect is maintained. Clean with an all-purpose cleaner/ degreaser. Scrub the anti-slip surface with a thick bristled brush or floor machine. Rinse with clean water and let dry. SFT 625 is extremely durable; however, frequently traveled areas may require occasional touch up.

Shipping Data

Packaging units	1 gallon
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Shipping weight (approx)	14.5 lbs
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Shelf life when stored indoors at 40 to 100°F (4 to 38°C) 1 year from shipment date

Numerical values are subject to normal manufacturing tolerances, color and testing variances. Allow for application losses and surface irregularities. See application instructions for complete information and safety precautions.

Safety Precautions

Read each component's material safety data sheet before use. Mixed material has hazards of both components. Safety precautions must be strictly followed during storage, handling, and use. **This product is for professional use only. Not for residential use.**

Warranty

PPG warrants only its title to the products, and that the products will be set forth in the warranty statement, if any, on the products labeling or in the absence of any such warranty statement that the products will conform to PPG's applicable published specifications. PPG's sole obligation and Buyer's exclusive remedy in connection with the products shall be limited, at PPG's option, to either replacement of products not conforming to this Warranty or credit to Buyer's account in the invoiced amount of the nonconforming products. Any claim under this Warranty must be made by Buyer to PPG in writing within five (5) days of Buyer's discovery of the claimed defect, but in no event later than the expiration of the applicable shelf life, or one year from the delivery date, whichever is earlier. Buyer's failure to notify PPG of such nonconformance as required herein shall bar Buyer from recovery under this Warranty.

PPG makes no other warranties concerning the product. No other warranties, whether express, implied, or statutory, such as warranties of merchantability or fitness for a particular purpose, shall apply.

Any recommendation or suggestion relating to the use of the products made by PPG, whether in its technical literature, or in response to specific inquiry, or otherwise, is based on data believed to be reliable; however, the products and information are intended for use by Buyers having requisite skill and know-how in the industry, and therefore it is for Buyer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that Buyer has done so, at its sole discretion and risk. Variation in environment, changes in procedures of use, or extrapolation of data may cause unsatisfactory results.

Due to PPG's policy of continuous product improvement, the information contained in this Product Data/Application Instructions sheet is subject to change without notice. It is the Buyer's responsibility to check that this issue is current prior to using the product. For the most up-to-date Product Data/Application Instructions always refer to the PPG Protective & Marine Coatings website at www.ppgpmc.com

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