Data Sheet

Products	Sizes	Weight
• FiberFlex®	12x25’ roll*	165 lbs.
• FiberFlex® Extreme	12x25’ roll*	80 lbs.
• FiberFlex® Safety Striping	2”, 4’, 6” x 50’ roll	

*Custom sizes available up to 40’

Description

FiberFlex® is a pre-engineered no-VOC sheet good manufactured in rolls. It is designed to isolate and protect flooring substrates such as concrete and plywood and provide a slip-resistant, chemical-resistant, and microbe-resistant wear layer. FiberFlex fully adheres to properly prepared substrates and allows for a fast return-to-service and little disruption facility operations. FiberFlex® comes with an aggregate-enhanced topcoat and is available in standard colors of black, graphite, blue and red**. Safety striping and stair treads come in standard OHSA-approved colors of bright yellow, red, green and white.

FiberFlex® Extreme is much like FiberFlex® in benefits and it is built for outdoor usage.

Typical Applications

In addition to being a great solution for hard surface covering needs, FiberFlex® is used for wall treatments, weatherproofing needs, and many, many different applications, including but not limited to:

Commercial Kitchens
Brewery Operations
Vehicle Maintenance Facilities
Lavatories
Health Care & Veterinary Facilities
Food Service/Break Rooms
Utility Rooms
Animal Care
Senior Living Centers
Hotels
Cold Storage Refrigerators/Freezers
Laboratories
Decks, docks, balconies
Fire Stations
Parking Garages
Stadiums, Locker Rooms
Entertainment and Amusement Parks
Boats/Ambulances/Buses/RVs/Golf Carts/Trailers
Groceries, Retail, and Storage Centers
Pool Surrounds

Cleaning: Scrub with a deck brush, wet vac or floor scrubber and any commercial cleaning product and water.

Storage: Store indoors in a dry, protected area. Keep out of direct sunlight and weather.

LEED®: FiberFlex® contributes to earning many LEED credits.

**FiberFlex® can be made in any RAL K5 code

WorldProof Products are proudly Made in the USA – in Dalton, GA

Testing

	Performance	Test Method	Requirement	Perf v. Req
ASTM F1303	Wear Layer Composition	Certificate of Compliance	90% binder	Meets
	Wear Layer Thickness	ASTM F410	≥ 0.020 in.	Meets
	Total Thickness	ASTM F386	≥ 0.020 in.	Meets
	Residual Indentation	ASTM F1914	≤ 0.012 in.	Meets
	Static Load Resistance @ 175 psi	ASTM F970	≤ 0.005 in.	Meets
	Flexibility	ASTM F137	¼ inch mandrel, no cracks or breaks in wear surface	Meets
	Resistance to Heat	ASTM F1514	Max. avg. ΔE ≤ 8	Meets
	Resistance to Light	ASTM F1515	Max. avg. ΔE ≤ 8	Meets
	Static Load Limit	ASTM F970	≤ 0.005 in.	275 psi
Additional Testing	Fire Test Data – Flame Spread	ASTM E648	0.45 W/cm2 or more Class I	Meets
	Fire Test Data – Optical Smoke Density	Spread ASTM E662	<450	Meets
	Acoustics	ASTM E2179	Sound transmission reduction	Meets – Delta IIC (ΔIIC) –12
	Slip Resistance	ANSI A137.1	≥0.42	Meets
	Slip Resistance	ASTM E303	>35	Meets
	TVOC Range	CHPS 01350	<0.5 mg/m^3	Meets

Chemical Resistance

Specimen ID	Chemical	Visual Evaluation
FiberFlex	Automotive Oil	No visual change
FiberFlex	Diesel	No visual change
FiberFlex	Ethylene Glycol	No visual change
FiberFlex	Kerosene	No visual change
FiberFlex	Mineral Spirits	No visual change
FiberFlex	Phosphoric Acid, 5%	No visual change
FiberFlex	Potassium Hydroxide, 20%	No visual change
FiberFlex	Sodium Hydroxide, 20%	No visual change
FiberFlex	Sulfuric Acid, 10%	No visual change

Top Layer Mechanical Properties

Test Name	Test Method	Value
Hardness	ASTM D-2240	80 ± 5 shore A
Tensile	ASTM D-412	2000 ± 700 psi
Elongation	ASTM D-412	350 ± 50
Impact Resistance	ASTM G14	> 200 lbs.