

PRODUCT DESCRIPTION

FiberSeal Base™ is formulated using a Polyurethane/Acrylic Hybrid technology. This high solids, sprayable, leak-proof sealant is fully fiber reinforced providing excellent tensile strength and durability. It's designed to reinforce and seal seams, curbs, penetrations and fasteners and can be applied to various types of substrates. This formula provides outstanding weathering and waterproofing capabilities. Due to the advanced technology the FAR System® products cure much faster and have much better ponding water and dirt resistant properties when compared to standard acrylic fluid applied roofing products. Its bright white finish reduces roof surface temperatures minimizing thermal expansion and contraction. Indoor temperatures are also reduced lowering cooling costs. Custom colors are available.

RECOMMENDED USES

Over metal, smooth BUR, modified bitumen, single-ply membranes, concrete, granular cap sheet and SPF.

SURFACE PREPARATION

All surfaces to receive the FAR System® products must be power washed to remove dirt, loose rust, loose paint, chalk, and other debris which could prevent adhesion. Surface must be dry prior to coating.

APPLICATION CONDITIONS

Application during periods of low temperature or high humidity will extend dry time. Maximum humidity 85%. Do not apply when rain is forecast or when temperatures are below 40°F (5°C). Allow FAR System® products to dry prior to being subjected to rain, heavy dew or temperatures below 40°F. (See Dry Time chart for information)

APPLICATION TEMPERATURE: 40° F to 105° F (5° C to 35° C)

TIME BETWEEN EACH APPLICATION: See **Dry Time** chart at end of section.

KEEP FROM FREEZING

PACKAGING INFORMATION

5 gallons (18.9 L)

55 gallons (208.1 L)

APPLICATION PROCEDURES

Surface preparation must be completed as indicated in the system specifications. A field applied adhesion test is always recommended on these substrates. It is recommended to use Rinseable Primer™ to prepare all substrates prior to installing any FAR System® products. Rinseable Primer™ should not be used on bituminous substrates; it will cause asphalt bleeding issues if used.

MIXING INSTRUCTIONS: Minimal stirring required.

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturers only obligation shall be to replace such quantity of product proved to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or consequential arising from the use or the inability to use the product for his/her intended use, and user assumes all risk and liability. Color fade is not covered under warranty.

DISCLAIMER

The information and recommendations set forth in this product data sheet are based upon tests conducted by or on behalf of Fluid Applied Roofing, LLC. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of the publication. Consult your Fluid Applied Roofing representative to obtain the most current Product Data information.

PHYSICAL PROPERTIES

PRODUCT CHARACTERISTICS	VALUE	TEST METHOD
Color	White / Light Blue	
Vehicle Base	Polyurethane/Acrylic Hybrid Fibrous	
Weight per gallon	11.10 – 11.60 lbs.	
Solids by weight	62.5 ± 2%	ASTM D-1644
Solids by Volume	60 ± 2%	ASTM D-2697
Viscosity @ 77° F	85 – 120 Ku	ASTM D-562
DFT @ 1 gal/sq.	10 mils	
VOC content	0.29 g/l	EPA-24
Heat stability	>250° F (120° C)	ASTM D-2939
Cold temperature flexibility	<-22F (-30C)	ASTM D-522
Tensile strength	>250 psi (1.7 Mpa)	ASTM D-412
Elongation at break	>490%	ASTM D-412
Ponding water resistance	Pass	ASTM D-2939
Pressurized water resistance	> 7.4 psi (> 0.5 atm) @ 24 hours	DIN 52123
Permeance	1.85 perms	ASTM D-1653
Tear resistance	>76 lbf/in (130 N/cm)	ASTM D-624
Solar reflectance	Initial: 0.88 - Weathered: 0.75	ASTM D-1549
Infrared emittance	Initial: 0.88 - Weathered: 0.84	ASTM C-1371
Solar reflective index (SRI)	Initial: 104 – Weathered: 91	
UV resistance	Resistant to UV and influence to O ² and ozone	ASTM D-4799
Adhesion excellent to	PVC, TPO, EPDM, Galvanized Steel, Aluminum and Bituminous	ASTM D-794
Fungi resistance	Pass	ASTM G-21
Flash Point	None	
Solvent	Water	
Clean Up	Warm soapy water	

COVERAGE RATES

**METAL
SINGLE-PLY
SMOOTH BUR/MODIFIED BITUMEN
(SPF) POLYURETHANE FOAM
CONCRETE**

*See system specifications for product coverages for each roof type

3 gallons per 100 sq. ft. (10-year warranty)
4 gallons per 100 sq. ft. (15-year warranty)
5 gallons per 100 sq. ft. (20-year warranty)

DRY TIME

The chart below is for reference only and will vary with sun and humidity. These are general guidelines determined at 50% relative humidity on a sunny day.

TEMPERATURE		RAIN & DEW RESISTANT	RECOAT	DRY HARD
100° F	38° C	1 - 2 HOURS	2 - 4 HOURS	16 HOURS
77° F	25° C	2 - 4 HOURS	4 - 6 HOURS	24 HOURS
59° F	15° C	4 - 6 HOURS	6 - 8 HOURS	30 HOURS
41° F	5° C	6 - 8 HOURS	8 - 10 HOURS	36 HOURS

Drying time is temperature, humidity and film thickness dependent.

CLEAN UP

Best with warm, soapy water.

*It's recommended to rinse spray equipment and hoses with ammonia after cleaning thoroughly. Add 1 gallon of ammonia to 5 gallons of water and run through spray machine and hoses for several minutes. After completing the final rinse cycle follow equipment manufacturers recommendations for proper cleaning and storage instructions.