FIBERSEAL BASE

PRODUCT DESCRIPTION

FiberSeal Base™ is formulated using a Polyurethane-Acrylic Hybrid technology. This high viscosity, 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. Colors are Blue and White.

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. The surface must be dry before 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 50°F (10°C). Allow FAR System™ products to dry before being subjected to rain, heavy dew, or temperatures below 50°F. (See Dry Time chart for information)

APPLICATION TEMPERATURE: 50° F to 105° F (10° C to 40° C)
TIME BETWEEN EACH APPLICATION: See the Dry Time chart at the end of this document.
KEEP FROM FREEZING

PACKAGING INFORMATION

5 gallons (18.9 L)
55 gallons (208.1 L)
275 gallons (1040.9 L)

APPLICATION PROCEDURES

Surface preparation must be completed as indicated in the system specifications. A field adhesion test is required before installing Fluid Applied Roofing products. Rinseable Primer Concentrate™ must be used to prepare all substrates before installing any FAR System™ products. **DO NOT USE** Rinseable Primer Concentrate™ on bituminous substrates; it will cause asphalt bleeding issues if used.

MIXING INSTRUCTIONS

Mixing is required.

FIBERSEAL BASE

PHYSICAL PROPERTIES

This product complies with the requirements of ASTM D 6083.

PRODUCT CHARACTERISTICS	VALUE	TEST METHOD
Color	White / Light Blue	
Vehicle Base	Polyurethane-Acrylic Hybrid Fibrous	
Weight per gallon	11.00 lbs.	
Solids	60 ± 2%	ASTM D-1644
Viscosity @ 77° F	131-141 KU	ASTM D-562
DFT @ 1 gal/sq.	8 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-4798
Adhesion excellent to	PVC, TPO, EPDM, Galvanized Steel, Aluminum, and Bituminous	ASTM C-794
Fungi resistance	Pass	ASTM G-21
Flash Point	None	
Solvent	Water	
Clean Up	Warm soapy water	

WARRANTY

This product is manufactured in accordance with ISO 9001-2008 standards. Seller and manufacturers' only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor 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 its intended use. The user assumes all risk and liability. Color fade is not covered under warranty.

FIBERSEAL BASE

DISCLAIMER

The information and recommendations outlined 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.

COVERAGE RATES

See system specifications for product coverages for each roof type.

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

Drying time is temperature, humidity, and film thickness dependent.

CLEAN UP

Remove the spray tip and spray tip guard and clean the spray equipment and accessories with water until the water is clear. It is suggested to rinse the spray equipment and accessories with a mixture of ammonia and water after the spray equipment has been thoroughly cleaned with water. Add one gallon of ammonia to four gallons of water and run this mixture through the spray machine and accessories for approximately five minutes. If using ammonia, follow all applicable regulations, laws, and standards, including those regarding health, safety, and environmental protection. For example, utilize all proper personal protective equipment and do not spray the cleaning solution into the air. Fluid Applied Roofing, LLC, including its employees, affiliates, and owners, is not liable for any injury, loss, or damage, direct or consequential, arising from any use of ammonia or other cleaning solution. The user assumes all risk and liability. Once the spray equipment is clean, follow the equipment manufacturers' recommendations for storage instructions.

FM APPROVED