EPDM/TPO/PVC ROOF SPECIFICATIONS

PRODUCTS

FAR System™ products are formulated using a Polyurethane-Acrylic Hybrid technology providing outstanding weathering and waterproofing capabilities. (Refer to datasheets for more details)

Required Products:

1. Rinseable Primer™ is an environmentally friendly bio-degradable cleaner.
2. FiberSeal Caulk™ is a fiber reinforced Hybrid Polyurethane-Acrylic caulk.
3. FiberSeal Base™ is a fiber reinforced Hybrid Polyurethane-Acrylic sealant.
4. ProCoat Finish™ is a Hybrid Polyurethane-Acrylic membrane.

All materials must be part of the Fluid Applied Roofing products system (FAR® System products)

RECOMMENDED SURFACES FOR APPLICATION

EPDM, TPO and PVC roof substrates.

For all other surfaces, please consult your Fluid Applied Roofing representative.

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 40°F. (See Dry Time chart for information)

Wind loss calculations should be considered to achieve the correct DFT requirements.

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

INSTALLATION INSTRUCTIONS

1. A field adhesion test is required before installing Fluid Applied Roofing products.
2. Utilize a wet mil gauge during the installation of all FAR System™ products to ensure application compliance.
3. Warranties are only available when installed/inspected by a FAR® certified contractor/inspector.
4. **SURFACE PREPARATION:**
    A. Remove all incompatible repair products from the roof before installing the FAR System™ products.
    B. After diluting the Rinseable Primer Concentrate™, per the mixing instructions, apply at **.25 gals per square (400 SF/gal)** to the roof substrate before installing any FAR System™ products. Do not allow to completely dry before power washing. Recommended application is with a hand pump low-pressure sprayer.
    C. Power wash, utilizing a minimum 2000 psi pressure washer to remove dirt, loose coatings, and other debris which could prevent adhesion. Utilize a surface cleaner attachment for a faster and deeper cleaning process. **DO NOT USE A TURBO TIP ON EPDM, TPO, OR PVC SURFACES.**
    D. Surface must be dry before installing the FAR System™ products.

5. **LEAK-PROOFING APPLICATION:**
   Spray apply FiberSeal Base™ to completely seal all seams and flashings as detailed below. Do not apply more than 80 wet mils in a single application. For gaps over 1/4" prefill with FiberSeal Caulk™. For best results set pressure between 1000-1600 psi.
   A. **Horizontal lap seams:** This application must completely cover the seam and extended a minimum of 2” on each side of the seam. The coverage rate is approximately 60 LF/gal.
   B. **End laps:** Ensure that the material is sprayed/rolled/brushed into the lap seam then the application must completely cover the seam and extended a minimum of 2” on each side of the end lap seam. Feather out the application to allow for smooth water flow across the end lap. The coverage rate is approximately 60 LF/gal.
   C. **Roof Penetrations:** For all roof curbs, exhaust vents, rake details, entire eave, and any other roof penetrations and flashing detail, this application must extend a minimum of 3” on each side of the seam or penetration. The coverage rate is approximately 50 LF/gal.
6. **FLUID MEMBRANE APPLICATION:**
   A. **10 Year Warranty:** Spray apply FiberSeal Base™ at 1.75 gals per square over the entire roof. Once cured, spray apply ProCoat Finish™ at 1.5 gals per square over the entire roof.
   B. **15 Year Warranty:** Spray apply FiberSeal Base™ at 1.75 gals per square over the entire roof. Once cured, spray apply ProCoat Finish™ at 1.75 gals per square over the entire roof.
   C. **20 Year Warranty:** Spray apply FiberSeal Base™ at 1.75 gals per square over the entire roof. Once cure, spray apply ProCoat Finish™ at 2 gals per square over the entire roof. **NOTE: Requires pre-approval.**

MIXING INSTRUCTIONS

Mixing is required.

EQUIPMENT RECOMMENDATIONS

SPRAY EQUIPMENT: For spray application, we recommend using a Graco GH 833 or equal.
TIPS: The recommended tip size for the FiberSeal Base™ application is .043 and the recommended tip size for ProCoat Finish™ is .031. The fan width is based on application and preference.

PACKAGING INFORMATION

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

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.

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DISCLAIMER

The information and recommendations outlined in this product datasheet 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.

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.