UltraFlash™ Two-Part Liquid Flashing

3-gal Kit:

Part A – 2.66 gal (10 L) in 3.5-gal pail	W70UFLF07A
Part B Activator – 0.33 gal jug (6/Carton)	W70UFLF07B

1-gal Kit:

Part A – 0.8 gal (3 L) in 1-gal can	W70UFLF01A
Part B Activator – 11 fl oz (325 mL) bottle (4/Carton)	W70UFLF11B

Product Information

Description:

Firestone UltraFlash Two-Part Liquid Flashing (formerly known as UltraFlash Liquid Flashing) is a tough liquid applied urethane elastomer blend of Part A and Part B Activator to form an impermeable, seamless, monolithic membrane. The material cures chemically at ambient temperature to form a tack-free polyurethane elastomer within approximately four hours.

UltraFlash Two-Part Liquid Flashing Part B Activator is an amber-colored liquid component which initiates a chemical cure when blended with UltraFlash Two-Part Liquid Flashing Part A. This is not a catalyst and must be mixed in proper ratios.

UltraFlash Two-Part Liquid Flashing is designed for use with Firestone SBS and BUR roofing systems. UltraFlash Two-Part Liquid Flashing should not be used with APP membranes. Application is recommended for vertical surfaces such as flashing walls and curbs, as well as penetrations, roof drains, penetration pockets with pipe clusters, and unusually shaped penetrations.

UltraFlash Two-Part Liquid Flashing adheres to concrete, steel, glass, wood, and most surfaces. For best adhesion use UltraFlash Primer on all non-porous surfaces, including all metal surfaces. Embedment of granules on the horizontal surface of the membrane is recommended.

UltraFlash Two-Part Liquid Flashing can be used to flash SBS and BUR roof systems that have been installed in Firestone Multi-Purpose MB Cold Adhesive.

Method of Application:

1. Substrates must be clean, dry, relatively smooth, and free of sharp objects, foreign materials, oil, grease, and other contaminants.
2. All equipment and substrates must be ABSOLUTELY DRY.
3. Remove existing flashings (i.e., metal, bituminous, mastic, etc.) prior to application.
4. Embedding of granules on the horizontal surface of the membrane prior to applying UltraFlash Liquid Flashing is recommended.
5. Apply when ambient and substrate temperatures are 45 °F (7 °C) or above.
6. DO NOT THIN. DO NOT MIX BY HAND.
7. Do not mix partial containers.
8. UltraFlash Two-Part Liquid Flashing should be at least 60 °F (16 °C) when mixed and applied.
9. Thoroughly blend UltraFlash Two-Part Liquid Flashing Part B Activator with Part A by mechanical means.
10. 3.5 gallon (10 L) pails should be mixed with an 8" (203 mm) mud blade. All products (except cartridges) are to be mixed for **3 minutes** to ensure proper and thorough mixing.
11. One gallon (3.8 L) cans should be mixed with a 3" (76 mm) spiral blade for **3 minutes**.
12. Apply in strict accordance with printed instructions and specifications available on the Firestone website.
13. All material should be applied within 20 minutes after mixing. Warmer temperatures may reduce the working time.

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Method of Application (Continued):

14. Flash details in accordance with the appropriate Firestone Detail Drawings. Apply UltraFlash Two-Part Liquid Flashing with a paint brush or trowel.
15. The flashing seal must be made directly to the penetration (except for hot stacks).
16. Do not coat UltraFlash Two-Part Liquid Flashing with Firestone Fibered Aluminum Coating or any aluminum paint.
17. For additional information including mixing directions, refer to the *Firestone UltraFlash Liquid Flashing Application Guide.*

Storage:

- Store in original unopened containers at temperatures between 70 to 90 °F (21 to 32 °C) until ready for use.
- When exposed to lower temperatures, restore to at least 60 °F (16 °C) prior to use.
- For optimum results, rotate stock to ensure stored material has not exceeded the shelf life.

Shelf Life:

Shelf life of two years can be expected from Part A when stored in original sealed containers at temperatures between 20 and 110 °F (-7 to 43 °C). A shelf life of 6 months can be expected when Part B is stored in original sealed containers at a temperature between 70 and 90 °F (21 to 32 °C).

Coverage Rate:

Though coverage varies with surface texture and type of application, one gallon covers approximately 30 square feet per 30 mils of thickness. Typical application requirements are 30 wet mils beneath the fabric and 60 wet mils above the fabric.

Clean-Up:

Use mineral spirits for clean-up of uncured material.

Precautions:

- **WARNING – Flammable; vapor harmful**
- Keep out of reach of children.
- UltraFlash Two-Part Liquid Flashing contains petroleum asphalt, petroleum distillates, amine compounds and other chemical ingredients. Adequate health and safety precautions should be observed during storage, handling, application and curing. Refer to Safety Data Sheets for specific details regarding the safe use and handling of UltraFlash Two-Part Liquid Flashing.
- **Avoid moisture contamination. Contact with water can generate explosive pressure in a closed container!**
- All equipment, air supplies, and application substrates must be ABSOLUTELY DRY.
- Do not use with APP products.
- Do not thin.
- Do not mix partial containers.
- Use an appropriate power mixer when blending Part B with Part A.
- Do not contaminate with foreign materials.
- Avoid contact with skin. Disposable gloves are recommended when mixing and dispensing UltraFlash Liquid Flashing.
- Avoid breathing vapors. Use only in well-ventilated areas.
- Cover containers tightly when not in use.

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LEED Information:

Post Consumer Recycled Content: 0%
Post Industrial Recycled Content: 0%
Manufacturing Location: Houston, TX
***NOTE:** LEED® is a registered trademark of the U.S. Green Building Council.

Physical Properties

Property	Test Method	Typical Performance
Base:		Polyurethane
Color:		Mixed: Black
		Part A: Black
		Part B: Amber
Flash Point, °F (°C):	Part A:	101 °F (38 °C)
	Part B:	>250 °F (>121 °C)
Solids by Volume:		89%

Physical Properties (Continued)

Tensile Strength:	D412	800 psi
Elongation to break:	D412	300%
Specified Gravity:	Part A:	1.00
	Part B:	1.21
Water Vapor Transmission	E96	0.03 perms
Pot Life:		20 minutes (max.) at 72 °F (22 °C)
V.O.C. Content:		88 g/L (0.74 lb/gal)

Please contact Quality Building Services Technical Department at 1-800-428-4511 for further information.