UltraFlash Liquid Flashing

3-gal Kit:

Part A – 2.66 gal (10.07 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 (3.0L) in 1-gal can	W70UFLF01A
Part B Activator – 11 fl oz (325 mL) bottle (4/Carton)	W70UFLF11B

Product Information

Description:

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

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

UltraFlash Liquid Flashing adheres to concrete, steel, glass, wood, and most surfaces. For best adhesion use UltraFlash Primer on all nonporous surfaces including all metal surfaces.

UltraFlash 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.).
4. Apply when ambient and substrate temperatures are 45 ºF (7.2 ºC) or above.
5. DO NOT THIN DO NOT MIX BY HAND
6. Do not mix partial containers
7. UltraFlash flashing should be at least 60 ^{o}F (15 ^{o}C) when mixed and applied.
8. Thoroughly blend UltraFlash Liquid Flashing Part B Activator with Part A by mechanical means.
9. 3 gallon (10.07 L) pails should be mixed with an eight inch (203 mm) mud blade. All products (except cartridges) are to be mixed for **3 minutes** to insure proper and thorough mixing.
10. One gallon (3.8 L) cans should be mixed with a 3” (76 mm) spiral blade for **3 minutes**.
11. Apply in strict accordance with printed instructions and specifications available on the Firestone website.
12. All material should be applied within 30 minutes after mixing. Warmer temperatures reduce the working time.
13. Flash details in accordance with the appropriate Firestone Detail Drawings. Apply UltraFlash Liquid Flashing with a paint brush, or trowel.

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Method of Application (Continued):

14. The flashing seal must be made directly to the penetration except for hot stacks.
15. Do not coat UltraFlash flashing with Firestone Fibered Aluminum Coating or any aluminum paint.
16. For additional information including mixing directions, refer to *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 (15 °C) prior to use.
- For optimum results, rotate stock to ensure stored material has not exceeded the shelf life of one year.

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 (-6.6 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.

Clean-Up:

Use mineral spirits for clean-up of uncured material.

Precautions:

- **WARNING- Flammable; vapor harmful**
- Keep out of reach of children.
- UltraFlash 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 Material Safety Data Sheets for specific details regarding the safe use and handling of UltraFlash 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.

LEED Information:

Post Consumer Recycled Content:	0%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Houston, TX

UltraFlash Liquid Flashing

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:		30 minutes (max.) at 72 °F (22 °C)
V.O.C. Content:		88 g/L (0.74 lb/gal)