

## TECHNICAL INFORMATION SHEET

# UltraFlash™ One-Part Liquid Flashing



### Item Description

Two Gallons (Two one-gallon pails per carton)  
Five Gallons (One five-gallon pail)

### Item Number

W70UFLF08B  
W70UFLF08A

## Product Information

### Description:

UltraFlash One-Part Liquid Flashing is a one-component polyurethane/bitumen waterproofing resin. It is ideal for roof flashings and details where the application of waterproofing membranes is challenging. UltraFlash One-Part Liquid Flashing is ready to use after stirring.

### Method of Application:

1. Surfaces must be structurally sound, dry and clean, including but not limited to: free of dirt, moisture, loose particles, oil, grease, tar, paint, wax, rust and concrete curing/parting compounds. All surfaces must be mechanically prepared/abraded to remove previous coatings, laitance, and all miscellaneous surface contamination and to provide a profile for proper adhesion.
2. Never apply UltraFlash One-Part Liquid Flashing when substrates are over 187 °F (86 °C), under 40 °F (4 °C), nor when inclement weather is anticipated.
3. Tape off the area to receive the UltraFlash One-Part Liquid Flashing to ensure a uniform application thickness at the edges (do not feather) as well as to maintain a neat appearance.
4. **Apply the UltraFlash One-Part Liquid Flashing base coat** at a minimum thickness of 30 wet mils (0.8 mm) onto the vertical and horizontal substrates, extending the base coat 2" (51 mm) past the point where the UltraFlash Fabric reinforcement will be placed.
5. Immediately center and embed the **UltraFlash Fabric** into the wet (not skinned over) UltraFlash One Part-Liquid Flashing base coat. Extend the UltraFlash Fabric a minimum of 3" (76 mm) vertically and horizontally without wrinkles or folds. The UltraFlash Fabric must overlap the previous piece by 2" (51 mm) on side and end laps.
6. **Apply the UltraFlash One-Part Liquid Flashing embedment coat** at a minimum thickness of 30 wet mils (0.8 mm). Coat the UltraFlash Fabric to ensure that it is completely embedded, covered and watertight.
7. **Apply the UltraFlash One-Part Liquid Flashing finish coat** at an approximate thickness of 30 wet mils (0.8 mm) to ensure the substrate is watertight. The base coat must be clean, dry, set-up and/or primed (when required) prior to the application of the UltraFlash One-Part Liquid Flashing finish coat. The UltraFlash One-Part Liquid Flashing finish coat can be applied to the existing base/embedment coats after thirty minutes. In cool weather conditions, set-up time can vary from thirty-minutes to several hours before application of the next coat.
8. After initial tack to the top surface, matching color ceramic granules may be applied by pressing them into the finish coat.
9. Please see the UltraFlash Application Guide at [www.firestonebpco.com](http://www.firestonebpco.com) for detailed information regarding the application of UltraFlash One-Part Liquid Flashing.

### Storage:

- Store containers in a cool, well ventilated area out of direct sunlight and away from humidity, heat and ignition sources.
- Refer to Safety Data Sheet (SDS) and product label for further storage information.

### Shelf Life:

12 months, properly stored in original unopened containers.

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### Coverage Rate (per coat):

- Each 1-Gallon (3.78 L) pail covers approximately 50 ft<sup>2</sup> (4.6 m<sup>2</sup>)
- Each 5-Gallon (18.9 L) pail covers approximately 250 ft<sup>2</sup> (23 m<sup>2</sup>)
- The approximate coverage rate is 2.0 gal/100 ft<sup>2</sup> (7.5 L/9.3 m<sup>2</sup>)

### Drying Rate at 68 °F (20 °C):

- Pot life is approximately 2 hours
- Subsequent layers can be applied after the previous layer has set up for 2 hours
- UltraFlash One-Part Liquid Flashing is rain proof from 2 – 12 hours
- UltraFlash One-Part Liquid Flashing is fully cured after 3 days

### Precautions:

- For safety information, refer to the Safety Data Sheet (SDS).
- Wear all appropriate Personal Protective Equipment (PPE) and dispose of properly.
- Flammable before curing. Keep away from sources of ignition – no smoking.
- Product should not come in contact with skin, eyes be inhaled or swallowed.
- Contains isocyanates. Consult Safety Data Sheet (SDS).

### LEED® Information:

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

### Typical Properties

Property	ASTM Standard Test Method	Firestone Typical Performance
Physical characteristics	---	Brown viscous liquid
Density at 25 °C (77 °F)	---	8.9 lb/gal (1.07 kg/L)
Solids content	---	80%
Softening point	---	302 °F (150 °C)
Ultimate elongation	ASTM D412	500%
Breaking strength	ASTM D412	195.8 psi (1.35 MPa)
Tear resistance	ASTM D903	23 lbf (102.3 N)
	ASTM D 5147, Sec 7	57 lbf (253.5 N)
Water vapor permeance	ASTM E96 (Procedure B)	< 0.47 perm (< 30 ng/Pa•s•m <sup>2</sup> )
Peel adhesion after water immersion	ASTM C836	264.7 lb/ft <sup>2</sup> (792 N/m <sup>2</sup> )
Fully cured	---	3 days
V.O.C. Content	---	2.086 lb/gal (250 g/L)

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

*This sheet is meant to highlight Firestone products and specifications and is subject to change without notice. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications or other technical documents, subject to normal roof manufacturing tolerances. Neither Firestone nor its representatives practice architecture. Firestone offers no opinion on and expressly disclaims any responsibility for the soundness of any structure. Firestone accepts no liability for structural failure or resultant damages. Consult a competent structural engineer prior to installation if the structural soundness or structural ability to properly support a planned installation is in question. No Firestone representative is authorized to vary this disclaimer.*