UltraFlash™ One-Part Liquid Flashing

Item Description	Item Number
Two Gallons (Two one-gallon pails per carton)	W81UFLF08B
Five Gallons (One five-gallon pail)	W81UFLF08A

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.

Installation

Refer to current GenFlex Technical Specifications for additional instructions.
IMPORTANT: Ensure the receiving surfaces are free of debris and no moisture is present.

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.GenFlex.com for detailed information regarding the application of UltraFlash One-Part Liquid Flashing.

Coverage Rate (per coat)

- Each 1-Gallon (3.78 L) pail covers approximately 50 ft² (4.6 m²)
- Each 5-Gallon (18.9 L) pail covers approximately 250 ft² (23 m²)
- The approximate coverage rate is 2.0 gal/100 ft² (7.5 L/9.3 m²)

Drying Rate at 68 °F (20 °C)

- Pot life is approximately 2 hours
- Subsequent layers can be applied after the previous layer has been 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

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.

Precautions

- Refer to Safety Data Sheets (SDS) for additional safety information.
- 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

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

Typical Properties

Property	ASTM Standard Test Method	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 / ASTM D 5147, Sec 7	23 lbf (102.3 N) / 57 lbf (253.5 N)
Water Vapor Permeance	ASTM E96 (Procedure B)	<0.47 perm (<30 ng/Pa•s•m²)
Peel Adhesion After Water Immersion	ASTM C836	264.7 lb/ft² (792 N/m²)
Fully Cured	---	3 days
V.O.C. Content	---	2.086 lb/gal (250 g/L)

NOTE: The initial SRI for standard white membrane is 33. The SRI for black membrane is N/A

Please contact GenFlex Technical Services at 1-800-443-4272 option 1, for further information.