

AU-1 Liquid-Applied Flashing

Elastomeric Flashing and Detailing Membrane

Product Description:

AU-1 Liquid Applied Flashing is a high performance, single component, Styrene Butadiene Resin (SBR) elastomeric liquid flashing membrane. This low-odor, waterproofing barrier can be brushed, rolled, sprayed or troweled, and requires no primer. It is formulated to provide a permanent, breathable waterproof seal with excellent adhesion to most common substrates, including green concrete. It is low VOC, easy to apply, and is easy to clean with soap & water.

Compatible Substrates:

Masonry	Aluminum	Wood
Concrete	Brick	Vinyl
Exterior Gypsum	Building Envelope Systems	
OSB/Plywood Sheathing	Stucco	

Surface Preparation:

Surfaces to be free of all dirt, dust, oil, mildew, frost or other contaminants. Any structural damage must be repaired prior to application. Any non-structural cracks or joints up to 1/2" should be sealed with **AU-1 Elastomeric Construction Sealant** prior to Liquid-Applied Flashing Application. A primer is not needed for most common substrates, adhesion testing is up to the installer to ensure proper coating. **AU-1 Liquid-Applied Flashing** can be applied to green concrete. Protect property and surfaces not to be applied with membrane.

Mixing:

Do not induce air if product needs to be mixed. Do not dilute product by adding water.

Product Specifications

Vehicle:	100% Styrene Butadiene Resin
VOC:	Non-chemically curing membrane. VOC (less water and exempt compounds) <50 g/L (SCAQMD)
Pigment:	Calcium Carbonate
Weights Solids:	Approximately 66.42%
Volume Solids:	Approximately 53.0%
Weight per Gallon:	11.11 ± 0.5
Specific Gravity:	Approximately 1.33
Service Temp:	-30°F to 180°F
Temp Application Range:	40°F and rising. Air temp no hotter than 95°F and substrate not hotter than 160°F
Freeze Thaw Stability:	Passes 5 Cycles@ 0°F (1 cycle = 16hrs. @ 0°F, 8hrs at 75°F)
Flash Point:	N. A.
Consistency:	Paste / brush-able
Applications:	Interior / Exterior
Life Expectancy:	60-year performance
Shelf Life:	18 months when stored at 50°F to 80°F
Odor:	Mild Acrylic
Tooling Time:	10 to 20 Minutes
Tack Free Time:	60 Minutes
Paint Over Time:	6 to 8 hours
Full Cure:	24 to 72 hours
Coverage 30 mil wet:	53.46 sq ft per gallon

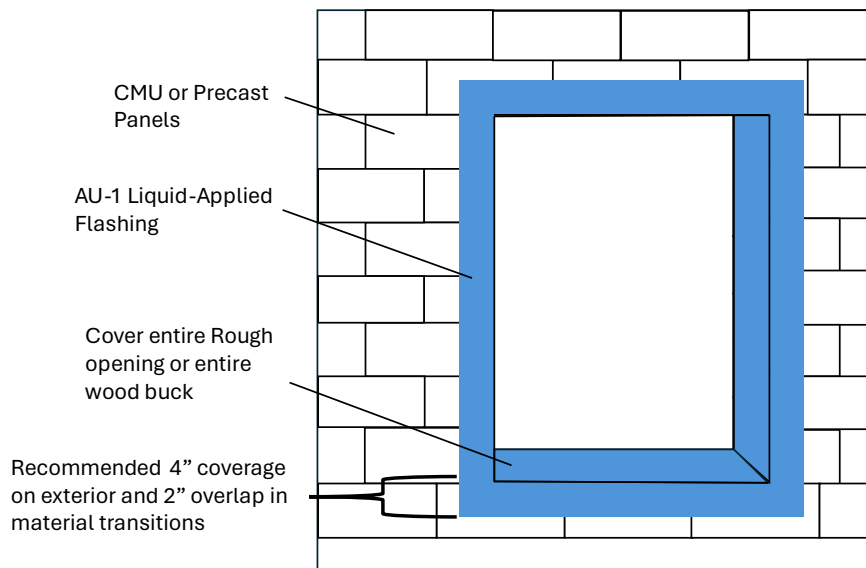
AU-1 Liquid-Applied Flashing Installation Guide– (cont.)

Application:

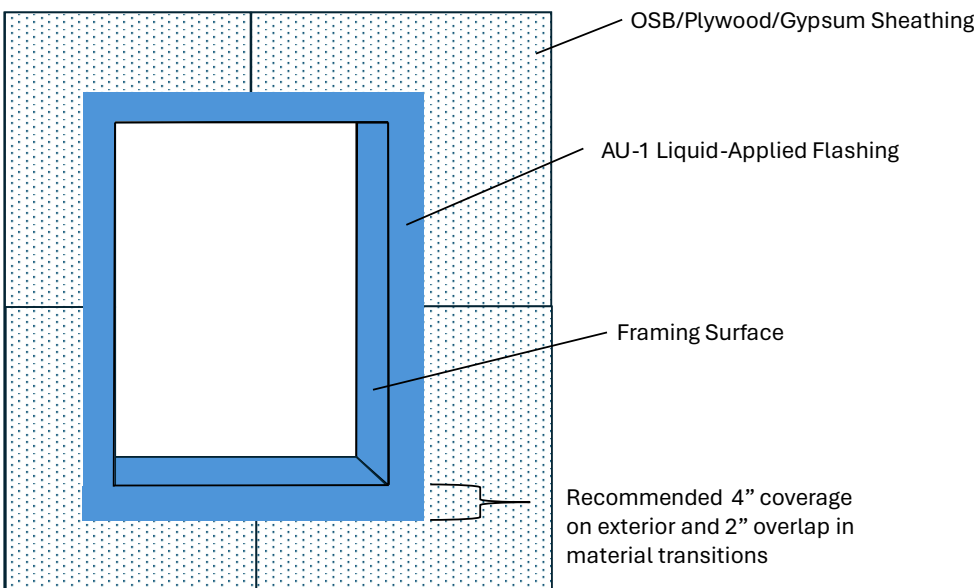
Use a brush, roller, sprayer or trowel to apply **AU-1 Liquid-Applied Flashing** to a minimum of 30 wet mils over the desired area of the rough opening including the exterior surface. Application should be done in a manner resulting in the membrane surface being free of openings or pinholes. Apply additional **AU-1 Liquid-Applied Flashing** as needed to ensure a uniform coating with no pinholes. Allow 30 minutes before adding additional coats. Product may be applied up to 60 wet mils without sagging if required due to substrate porosity. Allow product to skin before installing any components into rough openings. Skin times may vary by humidity and conditions. Check local building codes for additional recommendations or requirements.

NOT INTENDED FOR AREAS THAT WILL BE SUBMERGED IN WATER. KEEP FROM FREEZING. NOT FOR FOOD CONTACT SURFACES. PRODUCT CANNOT BE SANDED.

CMU or Precast Panel Installation



OSB/Plywood/Gypsum Sheathing Application



AU-1 Liquid-Applied Flashing Installation Guide– (cont.)

Clean Up:

Immediately after use, clean uncured material and tools with soap and water. Remove cured membrane by cutting with a sharp-edged tool.

Limitations:

Only apply AU-1 Liquid-Applied Flashing when product, surface, and air temperatures are above 40° F and rising. Do not apply on surfaces exceeding 160° F. Do not apply to frozen substrates, prior to extreme weather, or before heavy rain. AU-1 Liquid-Applied Flashing is not for use in below-grade applications, or in areas where frequent water ponding may occur. Product is not intended for use on surfaces where it will be permanently exposed.

Storage:

AU-1 Liquid-Applied Flashing should be stored in original, unopened containers, away from heat and direct sunlight. Product should be kept from freezing. When stored correctly, product will have a shelf life of 18 months.

WARNING! IRRITATING TO SKIN, EYES AND RESPIRATORY TRACT. Harmful if swallowed, inhaled or absorbed through the skin. May cause allergic skin reactions and/or central nervous system depression. Adverse reproduction effects have been reported in animals. May cause adverse kidney effects. Avoid contact with eyes, skin and clothing. Use in well ventilated area. Wear eye, skin, and respiratory protection. Eye contact: Immediately flush with water for 15 minutes and get medical attention immediately. If swallowed: Do not induce vomiting. Give large quantities of water and get medical attention. Never give anything by mouth to an unconscious person. For health information, refer to Material Safety Data Sheet or call Chemtrec at 800-424-9300. **KEEP OUT OF REACH OF CHILDREN.**

⚠WARNING! Cancer and Reproductive Harm – Go to www.P65Warnings.ca.gov for additional information

Material Safety Data Sheets (SDS) available upon request via towersealants.com or by calling 866-897-7568

Warranty: TOWER Sealants warrants this product to be free from manufacturing defects. The installer is responsible for the testing of this product on the surfaces of the targeted application for compatibility and performance prior to use. This is the sole and exclusive remedy and liability for defects or failure of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.