PolyMembrane Flashing

ACR® PolyMembrane Flashing is a clear, brushable, elastomeric material with rubber-like flexibility. It seals and waterproofs concrete, brick, block, and stone surfaces. Easily applied, ACR PolyMembrane Flashing cures tack-free, is mildew proof, and is paintable.

ACR PolyMembrane Flashing is a liquid-applied product used to create a watertight transition between vertical and horizontal surfaces, such as floor to wall or around projections coming through the concrete surface. ACR PolyMembrane Flashing must be used in conjunction with any TechCrete Warrantable Systems.

PERFORMANCE CHARACTERISTICS

Test Name	Test Method	Results
Elongation	ASTM D638	>560%
Tensile Strength	ASTM D638	>300 psi

TYPICAL APPLICATIONS

- Basins & Reservoirs
- Cold Storage Areas
- Concrete Decks
- Concrete Restoration
- Control Joints
- Equipment Wash-Down Areas
- Fish Hatcheries
- Fish Ponds
- Foundation Coatings
- Garage Floor Coatings
- Highway Construction

PRODUCT PROPERTIES

- Finish: Glossy
- Color: Clear
- Solids by weight: 49%
- VOC: <468 grams/liter
- Mix Ratio: 1 ISO: 1 RESIN

PRODUCT FEATURES

- Excellent adhesion to all common construction surfaces.
- May be applied to damp or oily surfaces.
- Can be applied at practically any temperature.
- Withstands water contact immediately after application.
- Self-leveling, mildew proof and paintable.
- Cures to a tack free finish.

APPLICATION

Concrete or masonry surfaces should be thoroughly clean and dry. Concrete and mortar must be cured at least 28 days @ 75°F (24°C). Remove all loose mortar and foreign material. Surface must be free of laitance, concrete dust, dirt, form-release agents, moisture-curing membranes, loose cement and hardeners. One of the following ACR products (or combination of products) should be used for cleaning and preparation.

    ACR Concrete & Masonry Cleaner
    ACR Concrete & Masonry Etch
    ACR Emulsifying Cleaner
    ACR Paint & Stain Remover
    ACR Rust Converter & Inhibitor

Contact Alchemco's Technical Department to determine which product is best for the application. 800-610-2895.

Mixing Instructions

The product should be at room temperature prior to mixing, to achieve proper flow and wetting. Avoid mixing and application of this product if the substrate temperature is below 50°F or above 95°F.

Application Instructions

Product comes in a self-leveling, brushable grade consistency. After surface preparation, apply with brush, trowel, or putty knife to a thickness of no more than 1/32" per coat. Sealant will not cure properly if applied thicker than 1/32" per coat. This may cause cracking or splitting during curing. To obtain a thicker cured film, apply several 1/32" coats, allowing 24 hours between coats.

Coverage Rate

Coverage will vary depending on the thickness of the coat, substrate profile, substrate texture, and material penetration.

Surface Type	Yield (approx)
Smooth	100-200 sq ft
Porous	25 sq ft

Curing Properties

Gel Time:	2.5 hours
Dry to Touch:	5-15 minutes
Re-coat Window	16 hours w/o prep
Return to Surface:	8-20 minutes
Shelf Life:	6 months from shipping date
Flash Point:	109° F (43°C)
Viscosity:	943 cps @ 770 F (250C)

TDS

PACKAGING

ACR PolyMembrane Flashing is supplied in the following sizes;

1 gallon cans	(3.8 liters)
5 gallon cans	(18.92 liters)

SHELF LIFE & STORAGE

Containers should be sealed and kept in a cool dry location. Avoid prolonged exposure to direct sunlight. If properly maintained this product has a shelf life of twelve (12) months from shipping date.
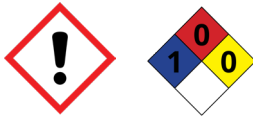
WARRANTY & SYSTEMS

Alchemco provides a variety of systems and warranties. The following systems and warranties require the use of **ACR PolyMembrane Flashing**;

- Existing Construction: **TechCrete 2500 Waterproofing System** with **15-Year Limited Liability Material & Labor Warranty.**

For additional information about the Alchemco system specifications or available warranties, either contact your local Alchemco distributor or Alchemco's Technical Department at info@alchemco.com or call 800-610-2895.

WARNINGS

**WARNING! Skin and eye irritant.
May cause skin sensitization.**

FIRST AID: Eyes – Flush with water for 15 minutes and call physician. Skin – Wash thoroughly with soap and water. Use in well-ventilated area.

**KEEP OUT OF REACH OF CHILDREN.
IF SWALLOWED: Do not induce vomiting.
Immediately call a POISON CONTROL CENTER
or doctor/physician.**

See Safety Data Sheet for further details regarding safe use of this product. Alchemco, 3532 Mayland Court, Henrico, VA 23233. 800-610-2895.

WARRANTY DISCLAIMER
Because of conditions of use which may be beyond our control, Alchemco shall not be held responsible in any manner for any personal injury or property loss resulting to the buyer or any other person from handling, storage, or use of this material not in accordance with directions. The buyer and/or user assumes all risk and liability resulting from improper handling or usage. There is no warranty expressed or implied of any kind, except as supplied in writing.

TECHNICAL DATA